

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072019\
 Data File : VX011017.D
 Acq On : 19 Jul 2019 20:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/22/2019 5:24:18 PM

Quant Time: Jul 20 03:48:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	356165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	324982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173662	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	125834	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	
35) Dibromofluoromethane	5.50	113	111360	49.26	ug/l	0.00
Spiked Amount			Recovery	=	98.52%	
50) Toluene-d8	8.71	98	418298	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	160412	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	119248	47.337	ug/l	99
3) Chloromethane	1.32	50	102432	47.120	ug/l	99
4) Vinyl Chloride	1.41	62	107681	48.563	ug/l	99
5) Bromomethane	1.64	94	50084	40.082	ug/l	99
6) Chloroethane	1.71	64	65805	46.700	ug/l	94
7) Trichlorofluoromethane	1.92	101	181414	48.333	ug/l	98
8) Diethyl Ether	2.19	74	61599	47.632	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102435	47.798	ug/l	99
10) Methyl Iodide	2.51	142	118080	41.986	ug/l	100
11) Tert butyl alcohol	3.06	59	142553	243.393	ug/l	100
12) 1,1-Dichloroethene	2.37	96	101691	48.295	ug/l	99
13) Acrolein	2.29	56	72562	214.432	ug/l	98
14) Allyl chloride	2.73	41	146022	47.743	ug/l	100
15) Acrylonitrile	3.14	53	293329	247.849	ug/l	100
16) Acetone	2.45	43	250843	220.844	ug/l	98
17) Carbon Disulfide	2.57	76	236281	43.746	ug/l	99
18) Methyl Acetate	2.78	43	127498	49.297	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	340169	50.184	ug/l	100
20) Methylene Chloride	2.85	84	115280	47.892	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	107167	47.967	ug/l	93
22) Diisopropyl ether	3.86	45	315812	48.959	ug/l	90
23) Vinyl Acetate	3.82	43	1375005	251.578	ug/l	100
24) 1,1-Dichloroethane	3.70	63	181697	48.502	ug/l	99
25) 2-Butanone	4.68	43	407066	249.660	ug/l	99
26) 2,2-Dichloropropane	4.58	77	130457	42.412	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	124756	48.249	ug/l	98
28) Bromochloromethane	5.02	49	79044	44.776	ug/l	97
29) Tetrahydrofuran	5.13	42	262278	253.946	ug/l	99
30) Chloroform	5.21	83	195831	48.363	ug/l	100
31) Cyclohexane	5.58	56	158900	46.535	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	173195	49.439	ug/l	100
36) 1,1-Dichloropropene	5.80	75	139839	47.799	ug/l	99
37) Ethyl Acetate	4.84	43	151552	50.590	ug/l	99
38) Carbon Tetrachloride	5.78	117	150055	49.222	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178155	46.958	ug/l	98
40) Benzene	6.14	78	431472	48.146	ug/l	98
41) Methacrylonitrile	5.04	41	82337	48.417	ug/l	99
42) 1,2-Dichloroethane	6.19	62	153108	49.137	ug/l	99
43) Isopropyl Acetate	6.45	43	246224	49.986	ug/l	99
44) Trichloroethene	7.21	130	124264	46.845	ug/l	95
45) 1,2-Dichloropropane	7.51	63	110313	48.364	ug/l	99
46) Dibromomethane	7.66	93	79025	48.486	ug/l	99
47) Bromodichloromethane	7.90	83	144376	49.763	ug/l	98
48) Methyl methacrylate	7.77	41	121189	50.503	ug/l	98
49) 1,4-Dioxane	7.74	88	64855	966.210	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	823826	258.001	ug/l	99
52) Toluene	8.78	92	281238	47.771	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	155724	49.918	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	171505	49.406	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	119321	49.225	ug/l	98
56) Ethyl methacrylate	9.18	69	186457	52.586	ug/l	99
57) 1,3-Dichloropropane	9.37	76	187886	48.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	424596	250.854	ug/l	99
59) 2-Hexanone	9.49	43	644846	260.372	ug/l	99
60) Dibromochloromethane	9.58	129	127545	45.936	ug/l	99
61) 1,2-Dibromoethane	9.67	107	127911	49.722	ug/l	99
64) Tetrachloroethene	9.34	164	121851	47.662	ug/l	98
65) Chlorobenzene	10.13	112	317863	47.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	119036	50.742	ug/l	100
67) Ethyl Benzene	10.25	91	561451	49.417	ug/l	100
68) m/p-Xylenes	10.36	106	432745	99.296	ug/l	100
69) o-Xylene	10.69	106	210091	49.394	ug/l	98
70) Styrene	10.71	104	359988	50.772	ug/l	99
71) Bromoform	10.85	173	95102	44.803	ug/l #	99
73) Isopropylbenzene	11.02	105	566940	48.315	ug/l	99
74) N-amyl acetate	10.90	43	228946	51.063	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	188166	49.000	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	158960m	50.724	ug/l	
77) Bromobenzene	11.26	156	154574	47.756	ug/l	98
78) n-propylbenzene	11.36	91	638520	49.248	ug/l	100
79) 2-Chlorotoluene	11.42	91	375186	48.171	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	484652	49.428	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52084	42.736	ug/l	96
82) 4-Chlorotoluene	11.51	91	445223	49.114	ug/l	99
83) tert-Butylbenzene	11.77	119	471919	48.999	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	489985	49.580	ug/l	100
85) sec-Butylbenzene	11.94	105	565005	50.066	ug/l	99
86) p-Isopropyltoluene	12.06	119	519756	49.818	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	271584	48.350	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	271606	47.146	ug/l	99
89) n-Butylbenzene	12.38	91	446285	49.999	ug/l	100
90) Hexachloroethane	12.59	117	80866	49.141	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	268342	48.203	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41186	51.309	ug/l	98

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QLast Update : Wed Jul 17 06:57:45 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	184704	48.957	ug/l	98
94) Hexachlorobutadiene	13.78	225	88567	47.372	ug/l	99
95) Naphthalene	13.83	128	573540	51.481	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	184687	49.199	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

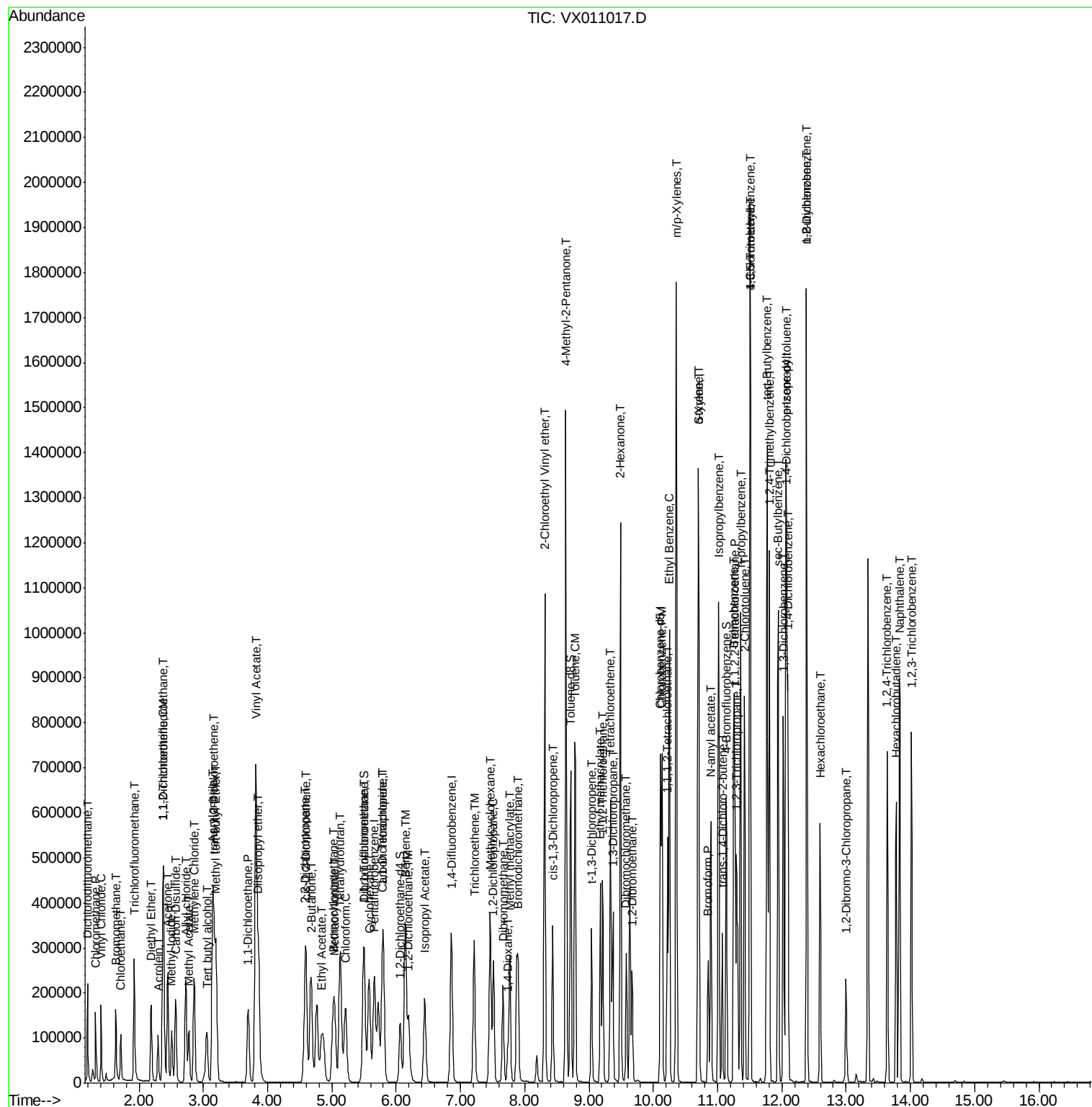
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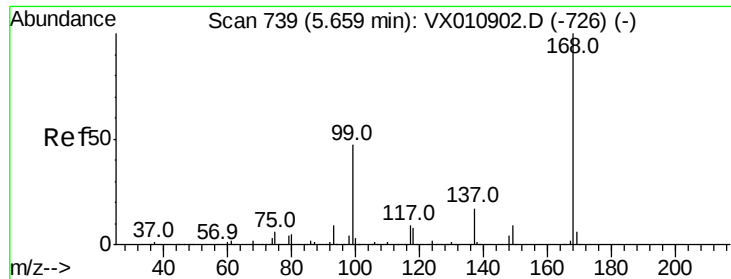
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 236394

Ion Ratio Lower Upper

168 100

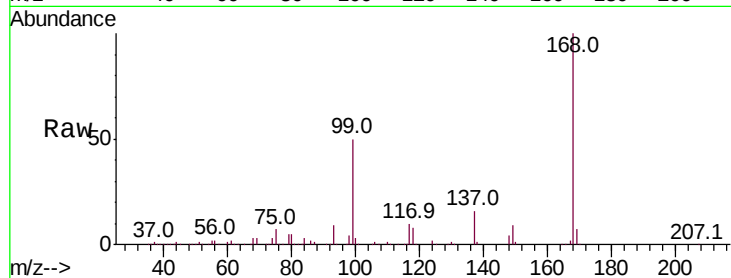
99 49.9 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

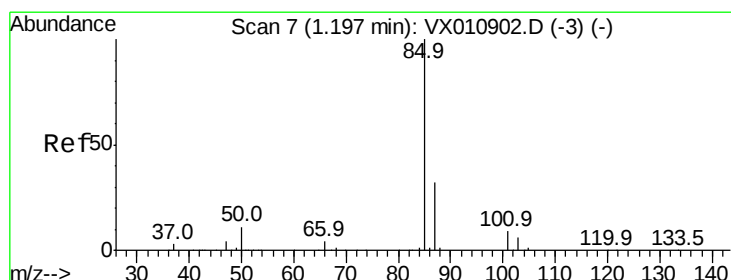
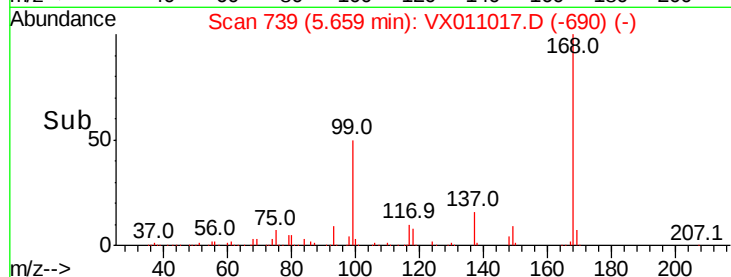
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.337 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011017.D

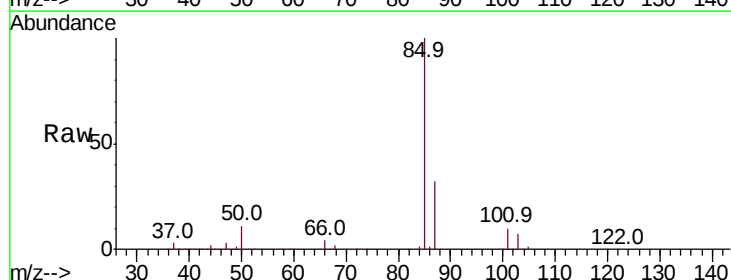
Acq: 19 Jul 2019 20:55

Tgt Ion: 85 Resp: 119248

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

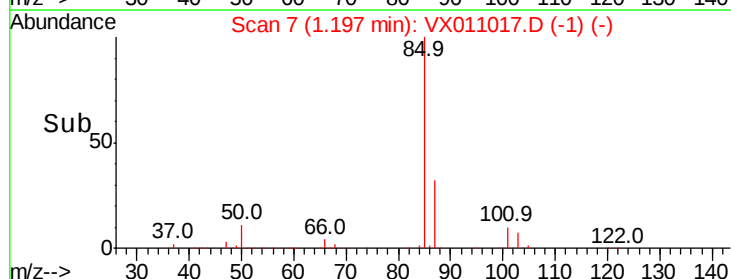
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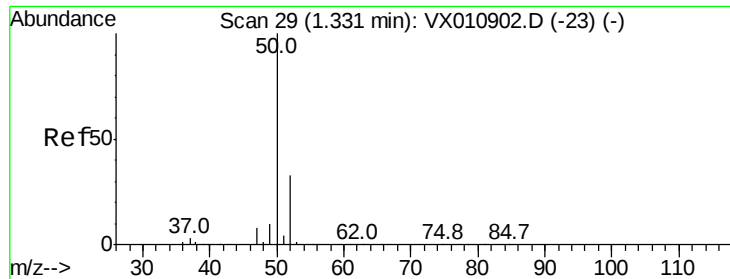
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50000

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Time-->





#3

Chloromethane

Concen: 47.120 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 102432

Ion Ratio Lower Upper

50 100

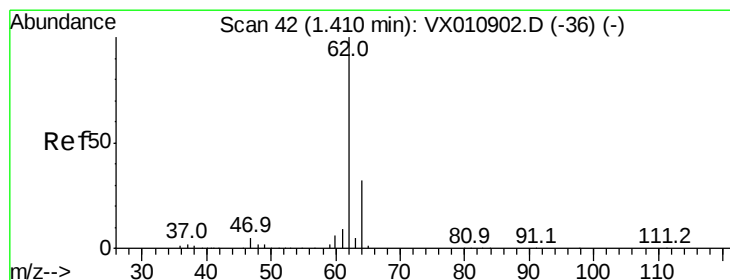
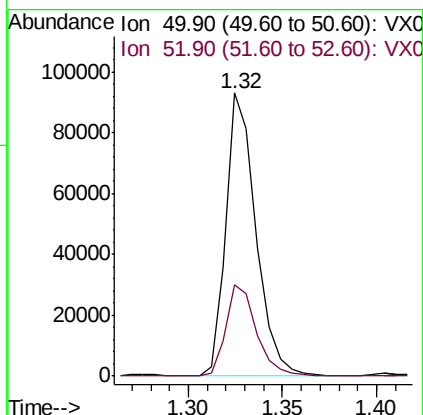
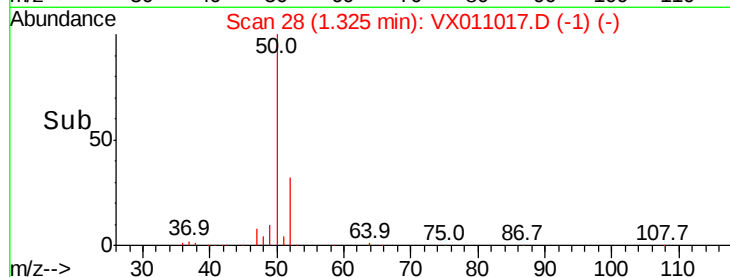
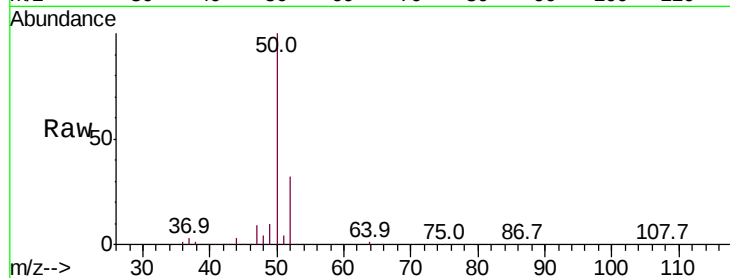
52 32.4 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 48.563 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011017.D

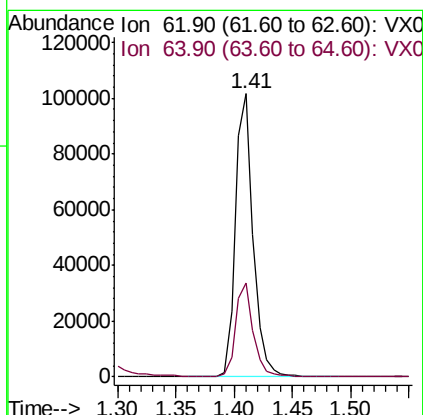
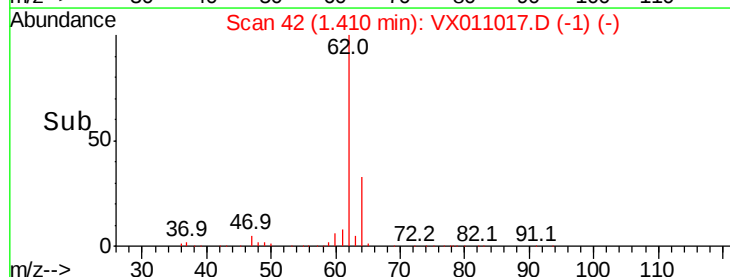
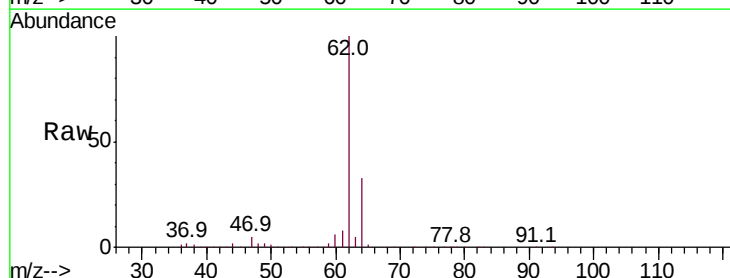
Acq: 19 Jul 2019 20:55

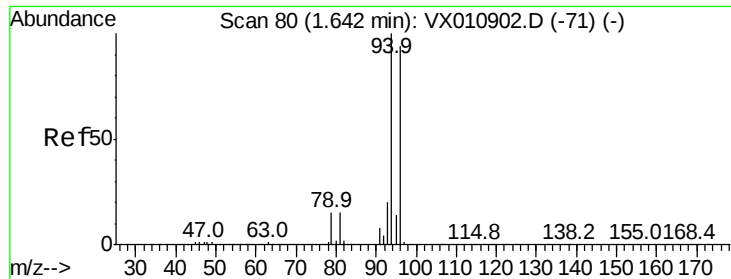
Tgt Ion: 62 Resp: 107681

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 40.082 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 50084

Ion Ratio Lower Upper

94 100

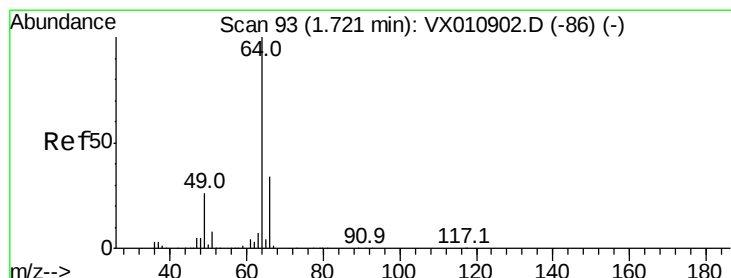
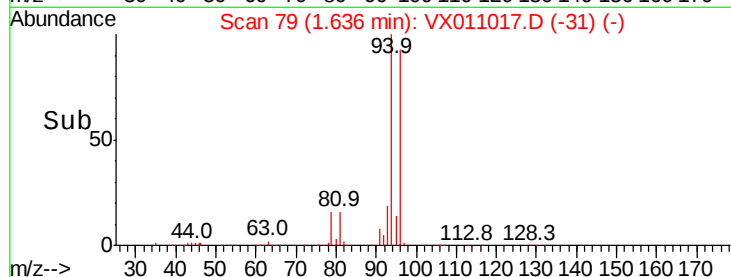
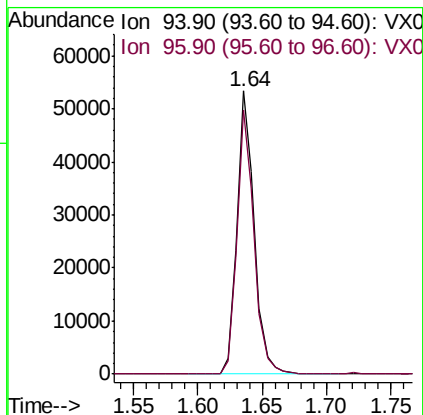
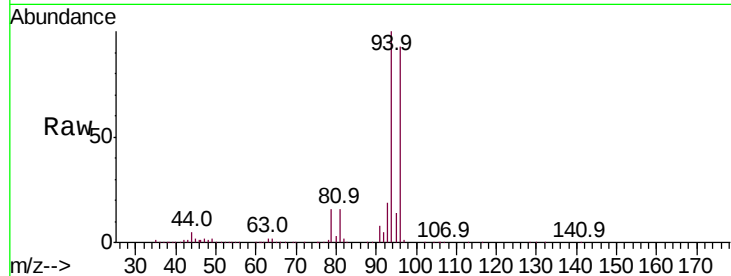
96 93.3 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 46.700 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011017.D

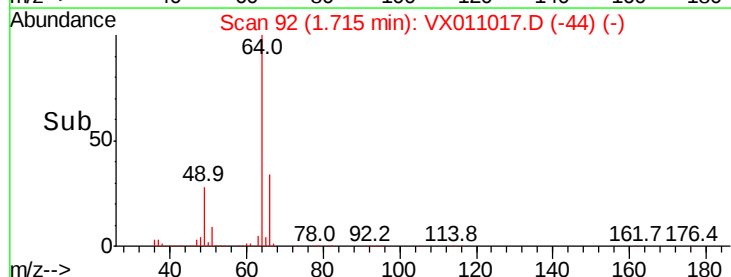
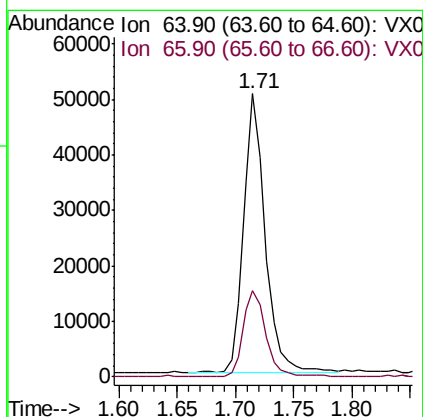
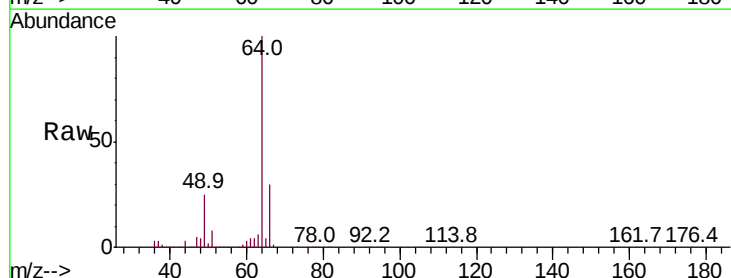
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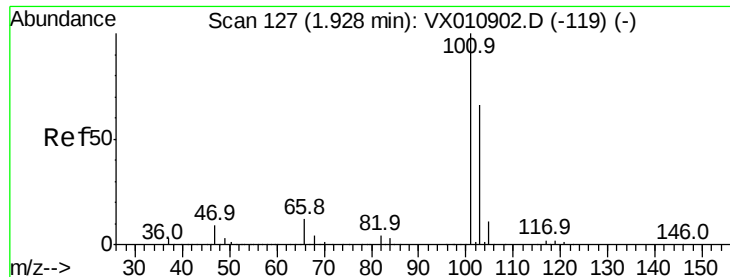
Tgt Ion: 64 Resp: 65805

Ion Ratio Lower Upper

64 100

66 30.5 27.0 40.6





#7

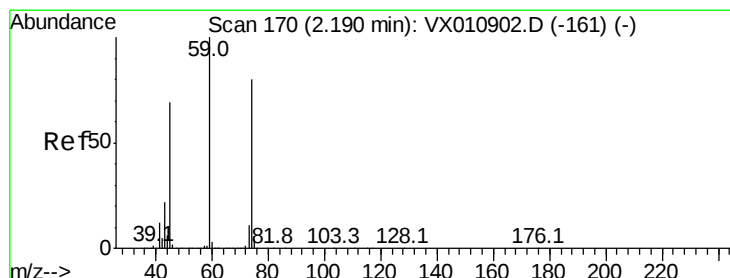
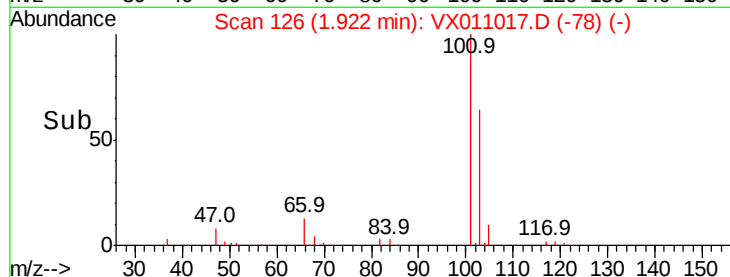
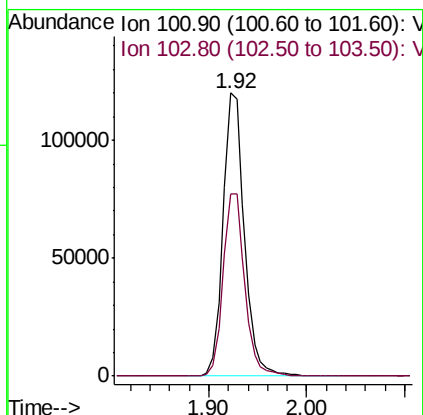
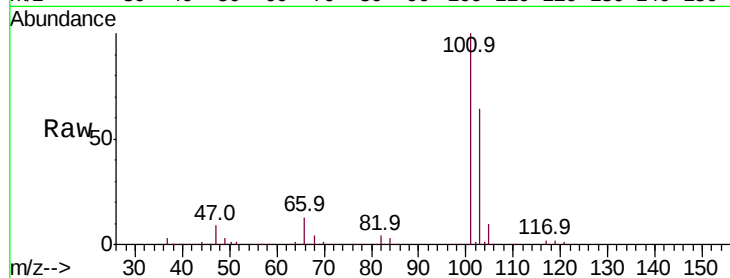
Trichlorofluoromethane
Concen: 48.333 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.6	78.8

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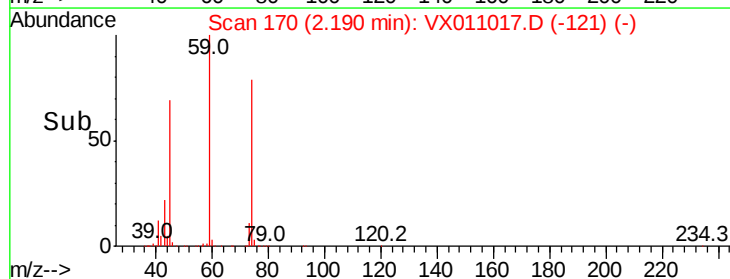
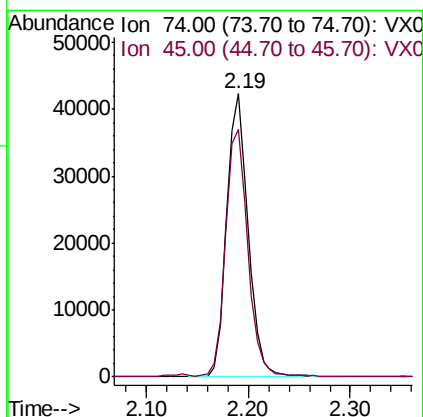
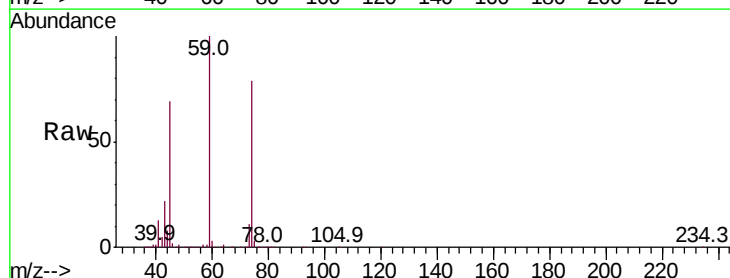
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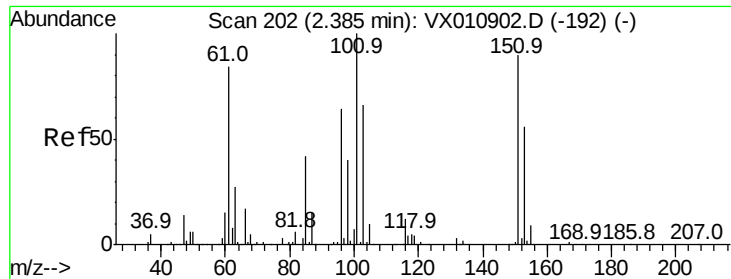


#8

Diethyl Ether
Concen: 47.632 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.798 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

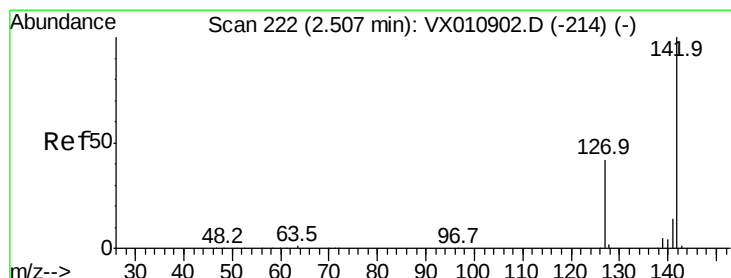
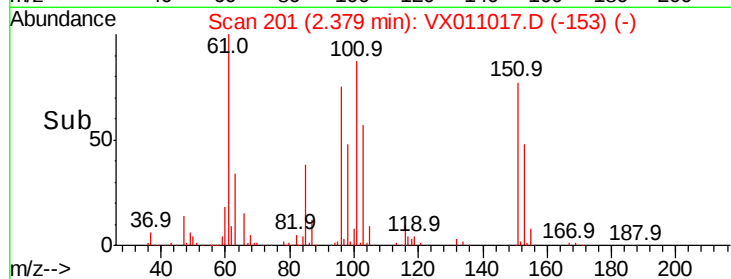
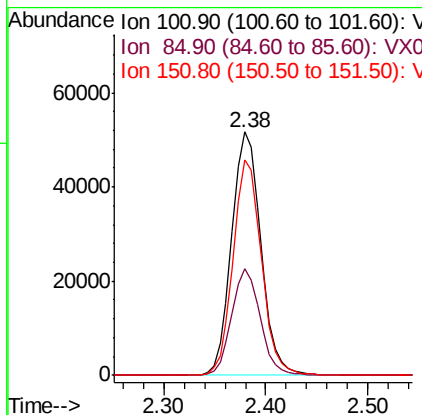
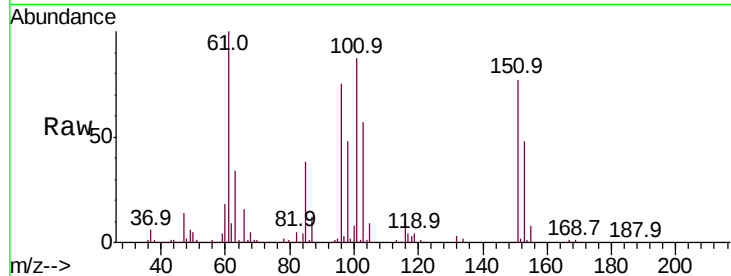
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	102435
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.6	52.0
151	85.9	69.6	104.4

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#10

Methyl Iodide

Concen: 41.986 ug/l

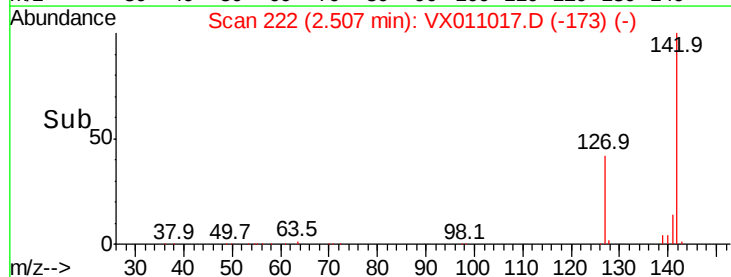
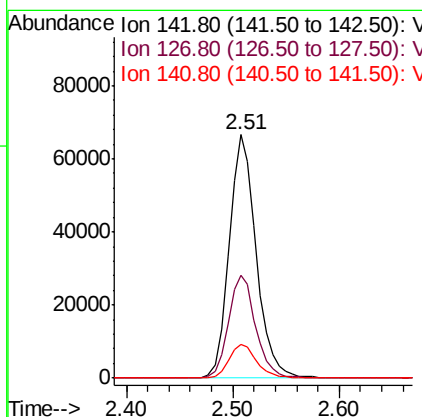
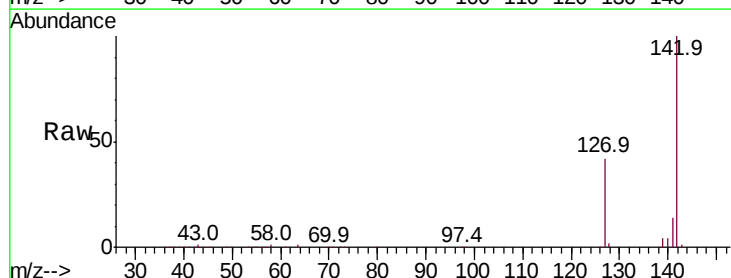
RT: 2.51 min Scan# 222

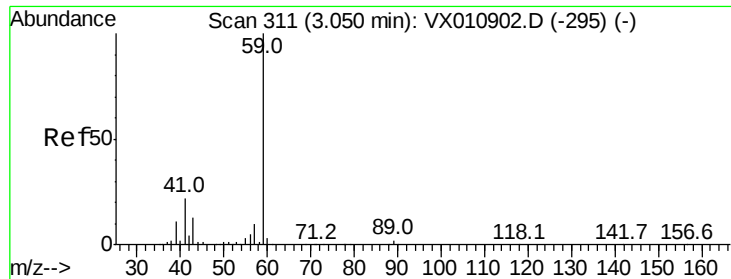
Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion:	142	Resp:	118080
Ion Ratio	Lower	Upper	
142	100		
127	42.8	34.2	51.4
141	14.3	11.7	17.5





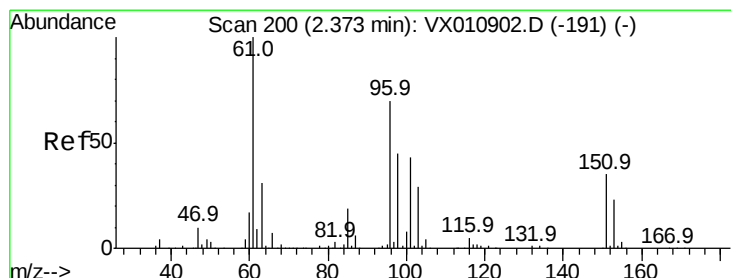
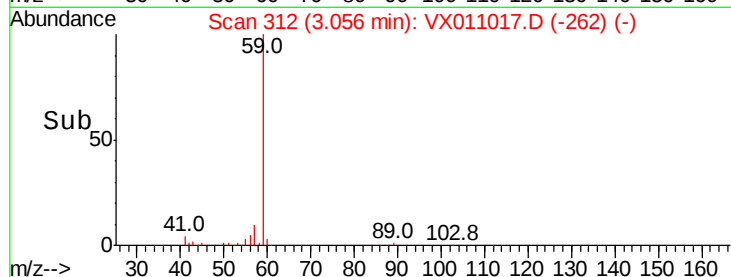
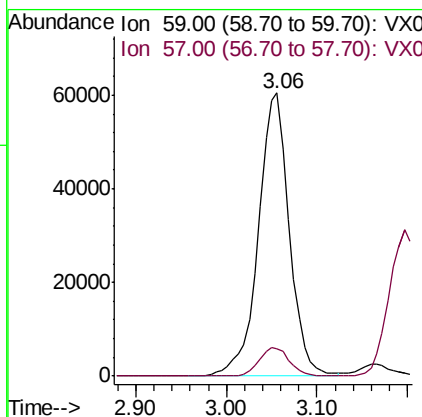
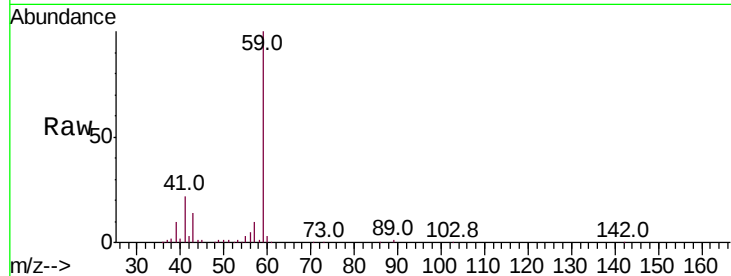
#11
Tert butyl alcohol
Concen: 243.393 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 142553
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9

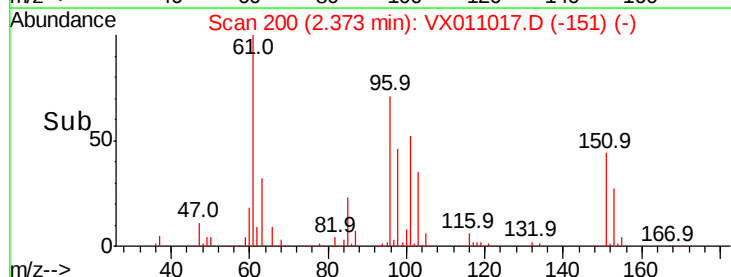
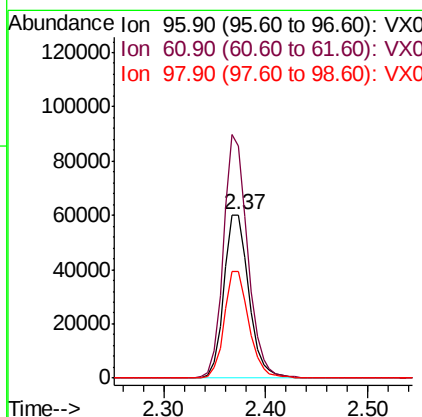
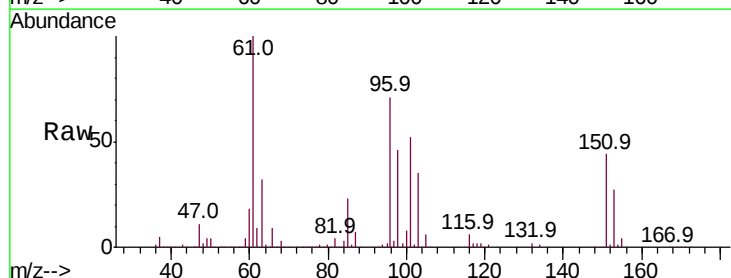
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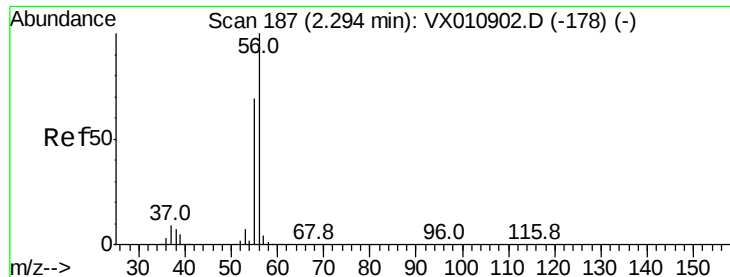
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.295 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion: 96 Resp: 101691
Ion Ratio Lower Upper
96 100
61 141.7 115.0 172.4
98 65.1 52.2 78.2





#13

Acrolein

Concen: 214.432 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 72562

Ion Ratio Lower Upper

56 100

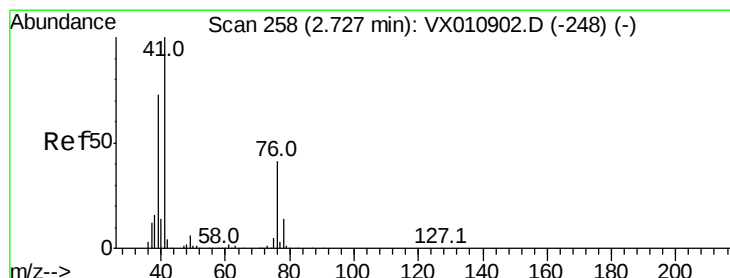
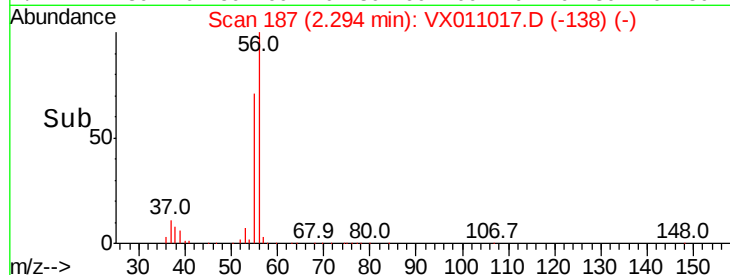
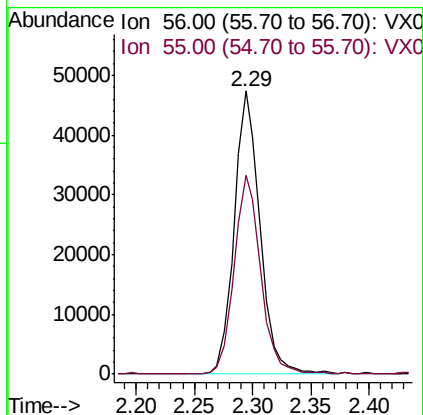
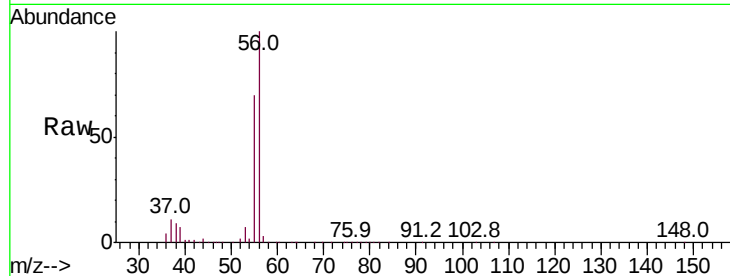
55 71.9 55.9 83.9

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#14

Allyl chloride

Concen: 47.743 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

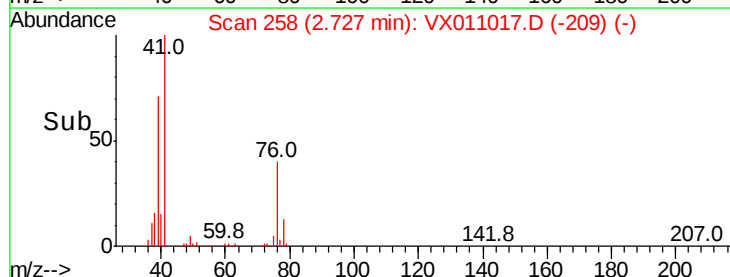
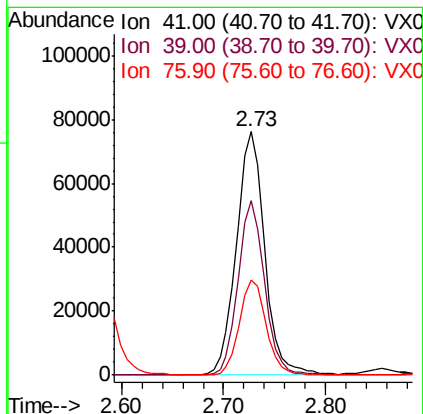
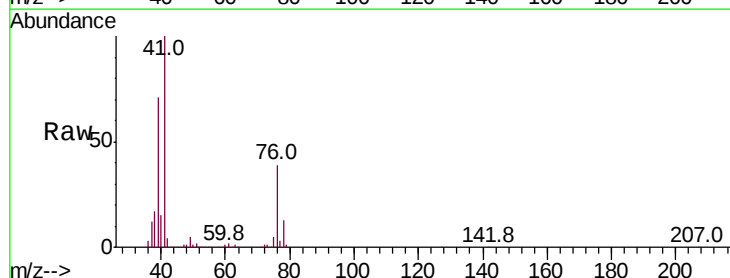
Tgt Ion: 41 Resp: 146022

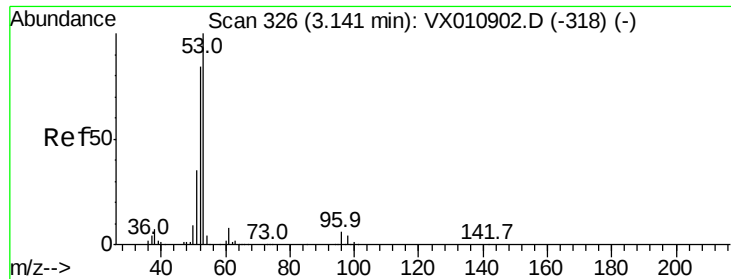
Ion Ratio Lower Upper

41 100

39 66.8 53.6 80.4

76 37.4 29.7 44.5





#15

Acrylonitrile

Concen: 247.849 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

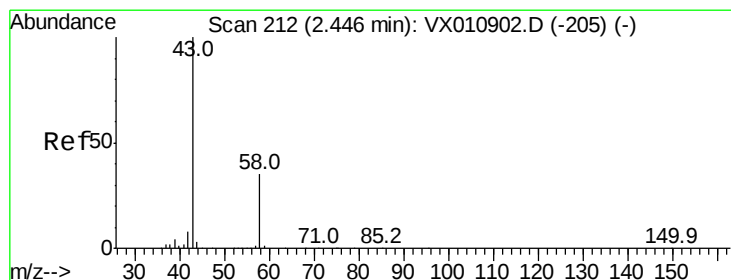
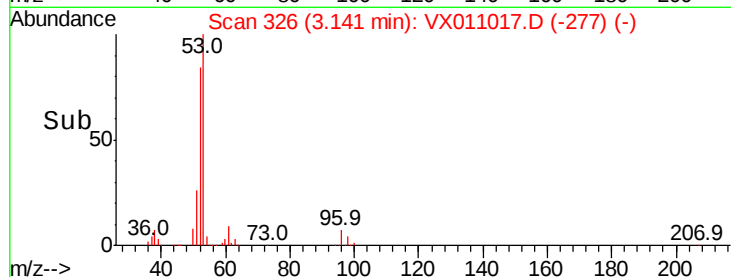
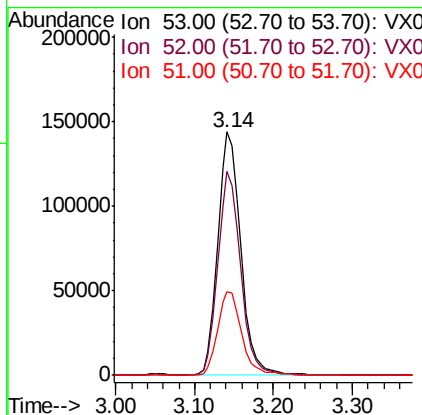
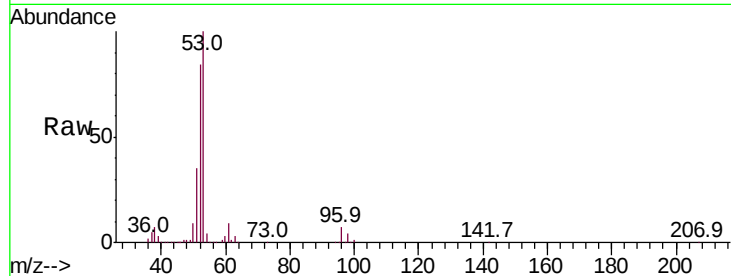
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	293329
Ion Ratio	Lower	Upper	
53	100		
52	83.1	66.5	99.7
51	36.2	28.2	42.4

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#16

Acetone

Concen: 220.844 ug/l

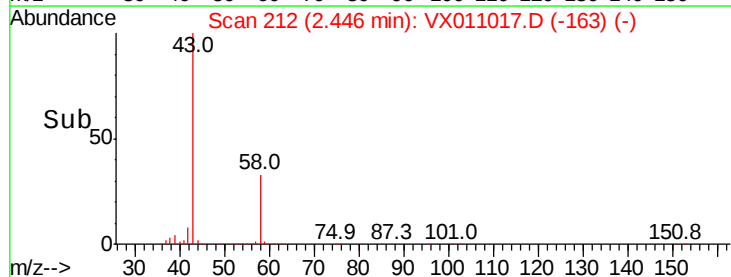
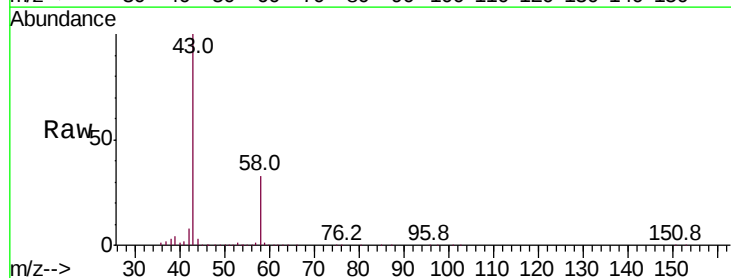
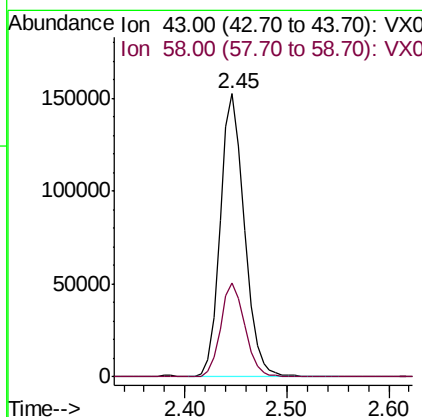
RT: 2.45 min Scan# 212

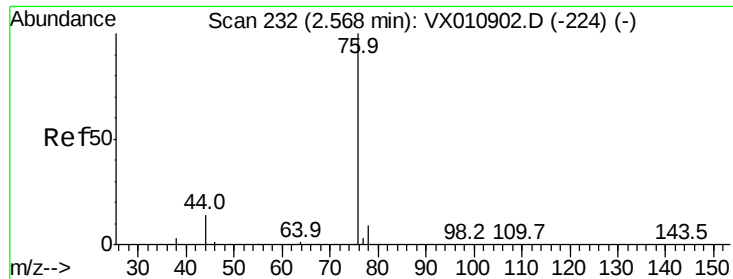
Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion:	43	Resp:	250843
Ion Ratio	Lower	Upper	
43	100		
58	33.4	27.7	41.5





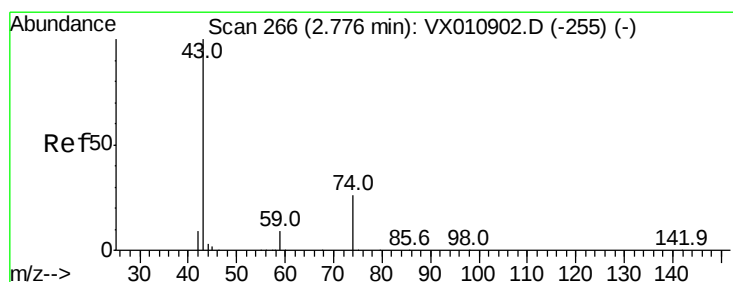
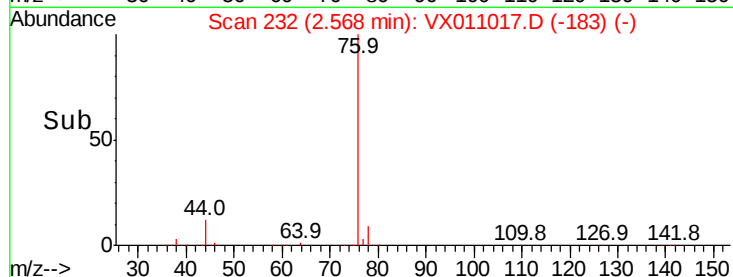
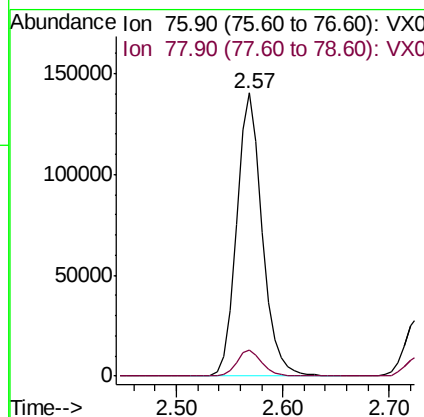
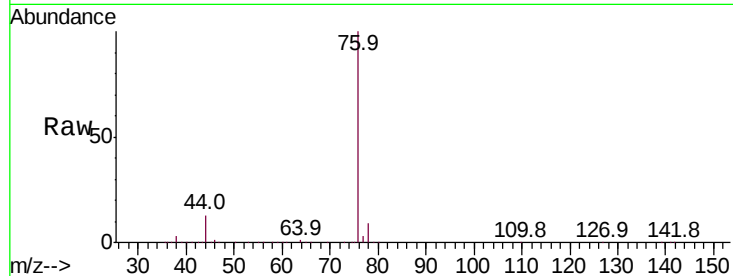
#17
Carbon Disulfide
Concen: 43.746 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

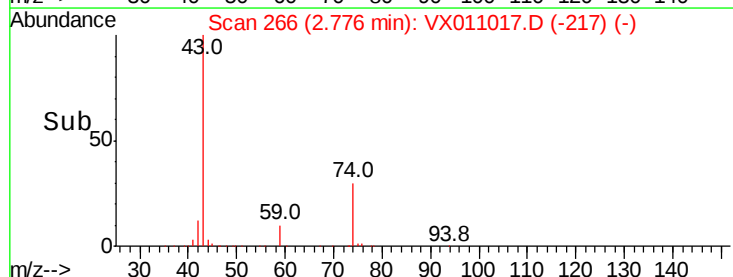
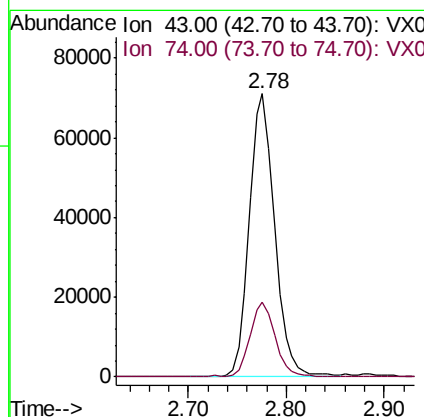
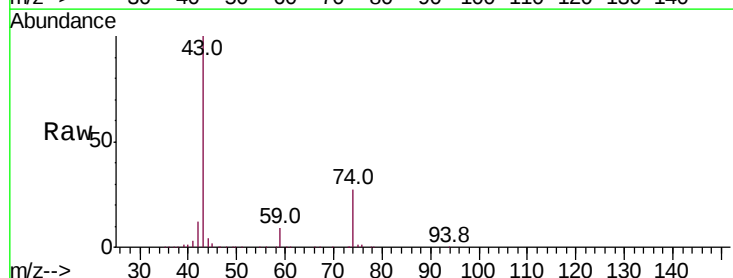
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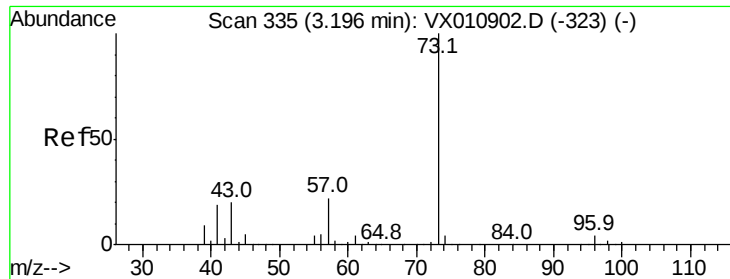
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#18
Methyl Acetate
Concen: 49.297 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.5	32.3





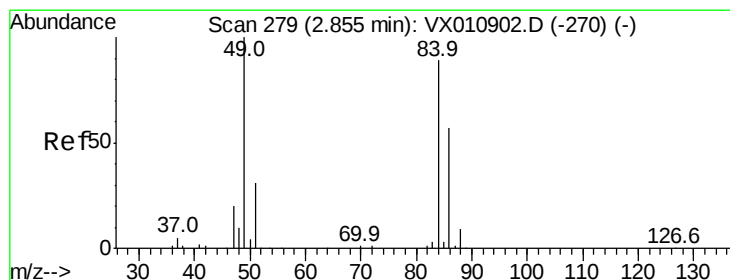
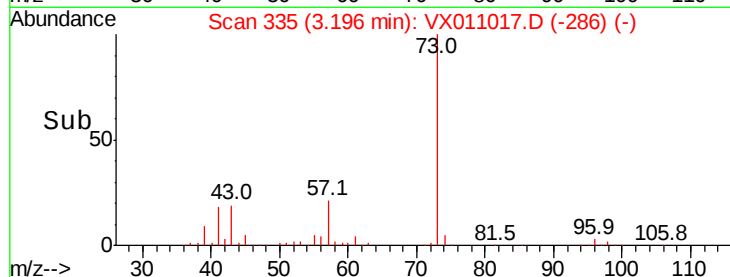
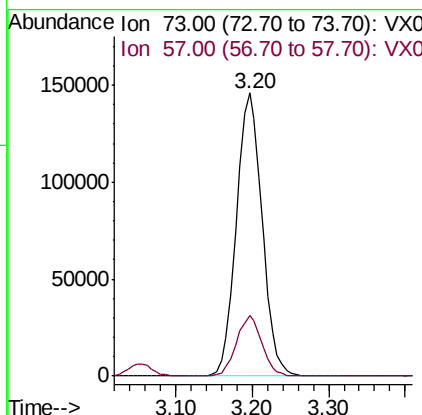
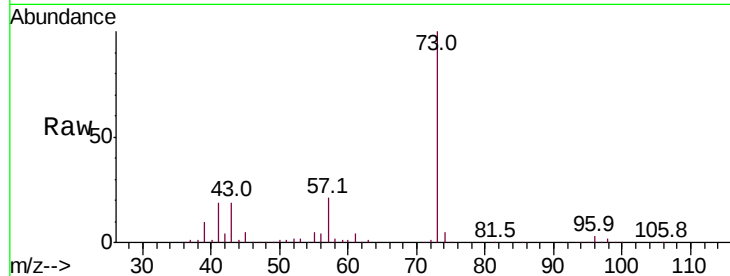
#19
Methvl tert-butvl Ether
Concen: 50.184 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.3	25.9

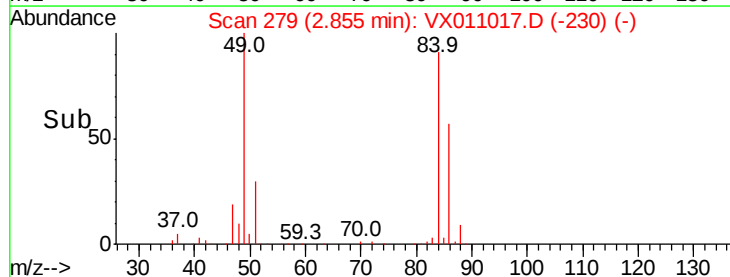
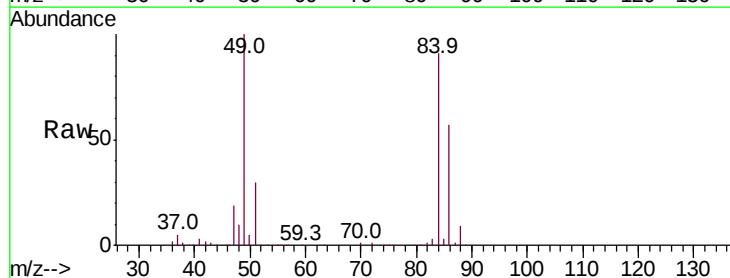
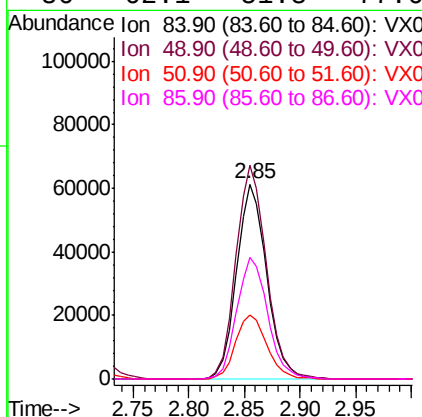
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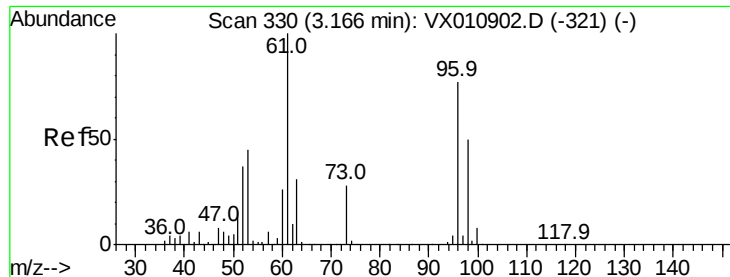
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#20
Methylene Chloride
Concen: 47.892 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.6	89.9	134.9
51	32.8	27.8	41.6
86	62.1	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 47.967 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 107167

Ion Ratio Lower Upper

96 100

61 120.3 104.2 156.2

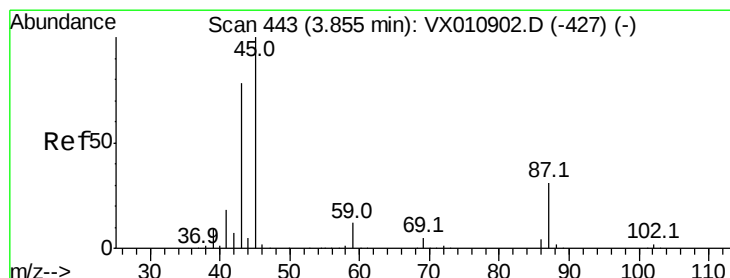
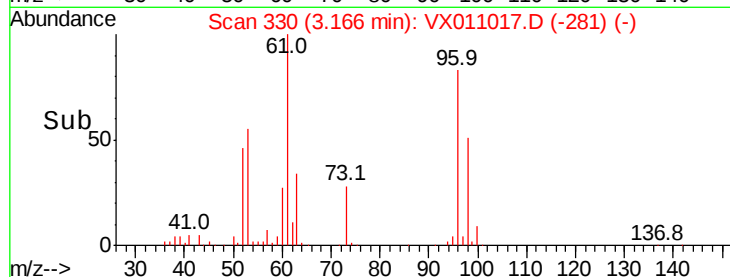
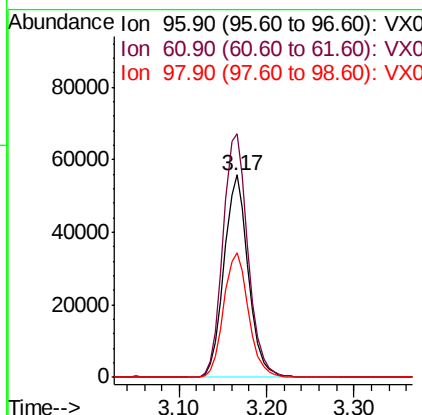
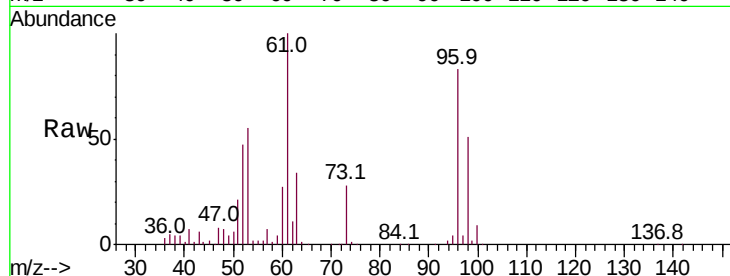
98 61.5 52.2 78.4

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#22

Diisopropyl ether

Concen: 48.959 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion: 45 Resp: 315812

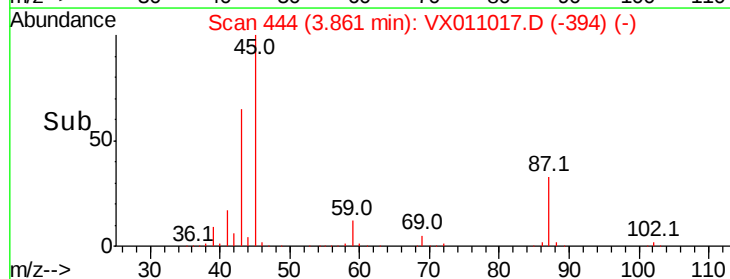
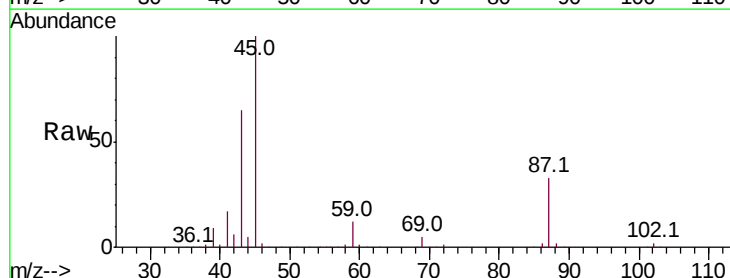
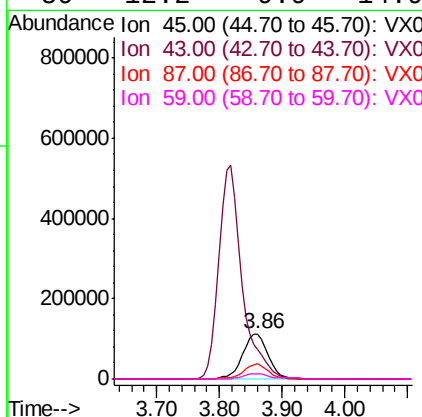
Ion Ratio Lower Upper

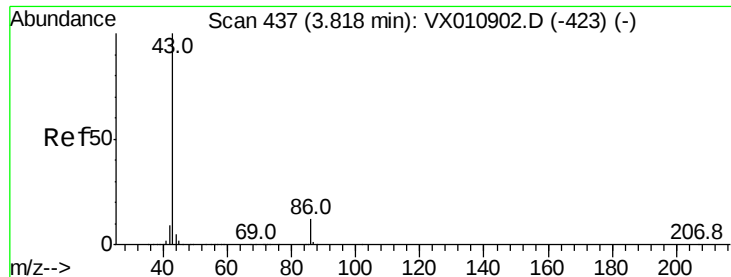
45 100

43 64.9 62.3 93.5

87 32.9 25.0 37.4

59 12.2 9.9 14.9





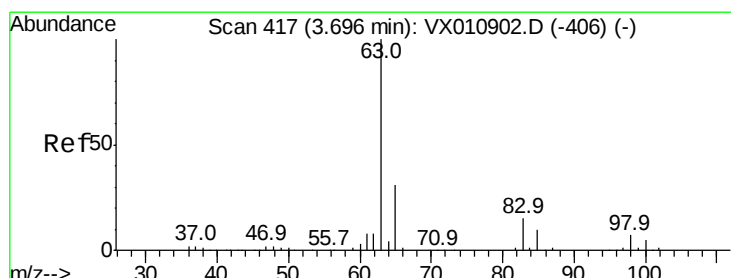
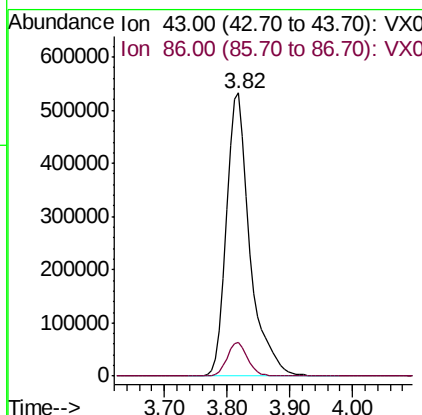
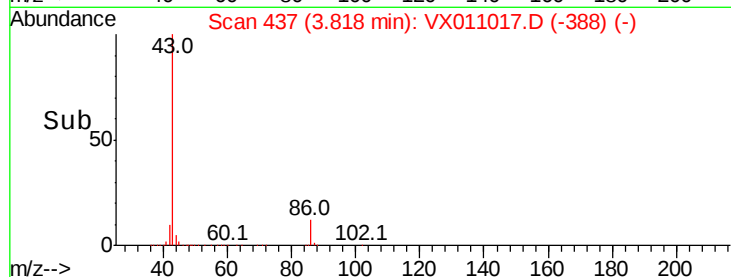
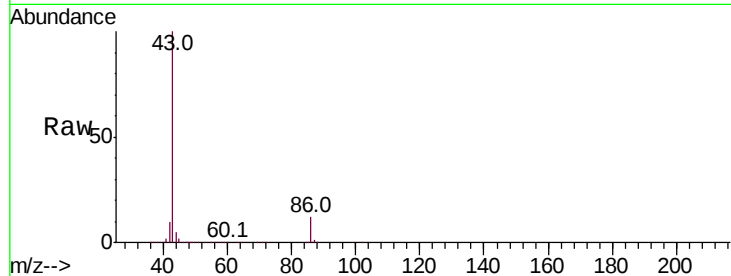
#23
 Vinyl Acetate
 Concen: 251.578 ug/l
 RT: 3.82 min Scan# 437
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1375005
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.4 14.0

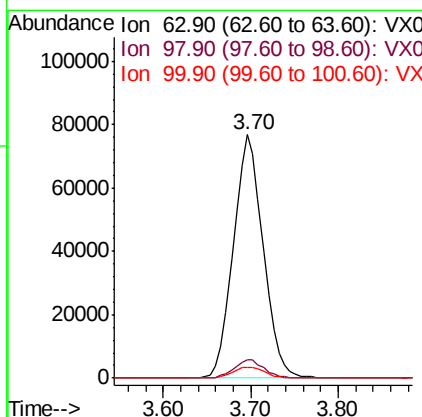
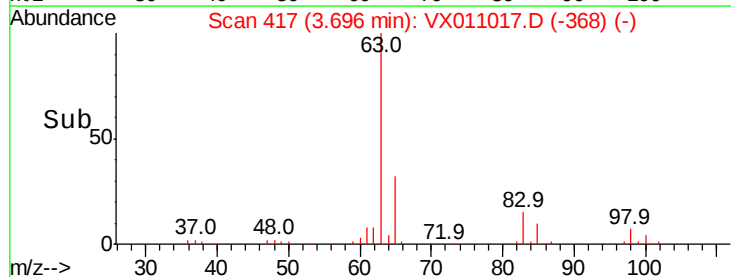
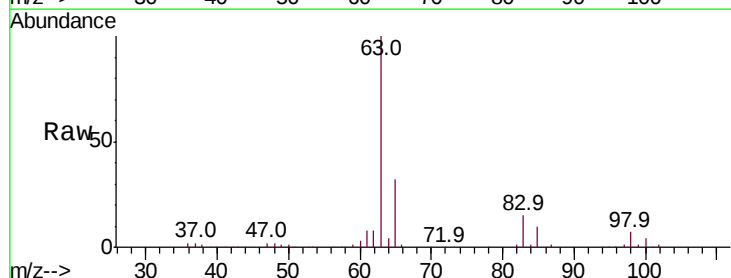
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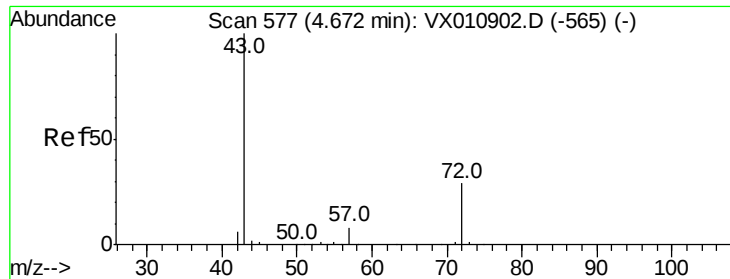
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#24
 1,1-Dichloroethane
 Concen: 48.502 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Tgt Ion: 63 Resp: 181697
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 249.660 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 407066

Ion Ratio Lower Upper

43 100

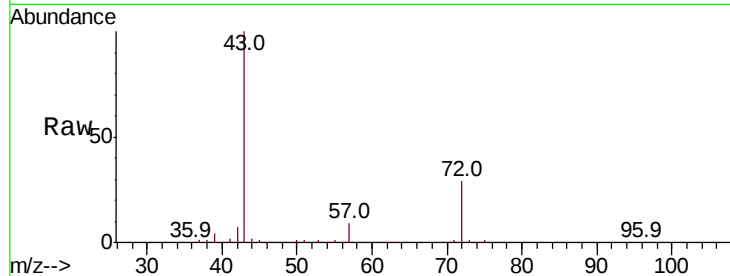
72 29.1 23.0 34.6

Manual Integrations

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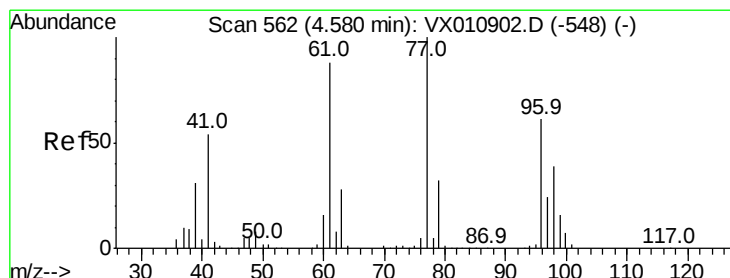
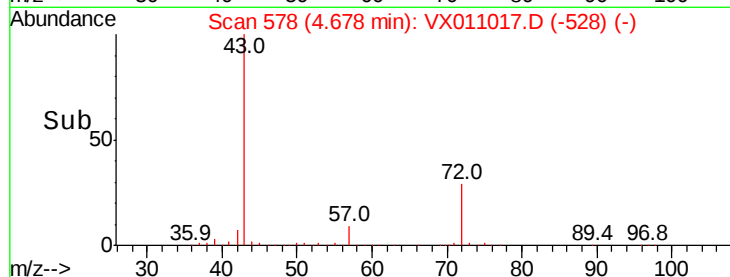
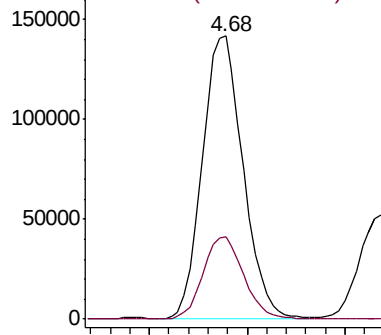
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.412 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011017.D

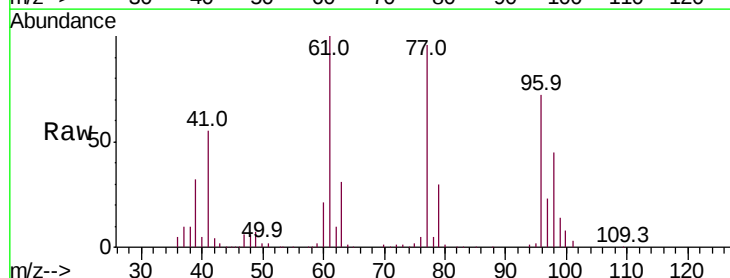
Acq: 19 Jul 2019 20:55

Tgt Ion: 77 Resp: 130457

Ion Ratio Lower Upper

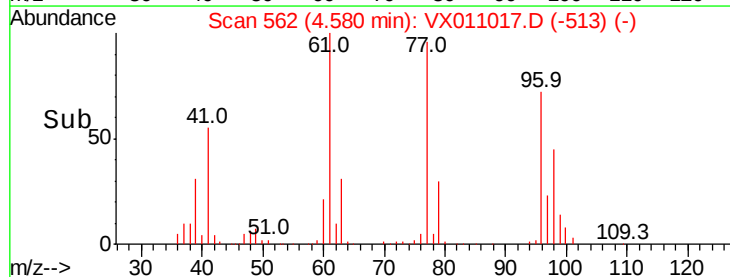
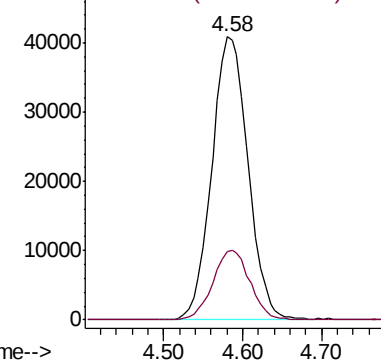
77 100

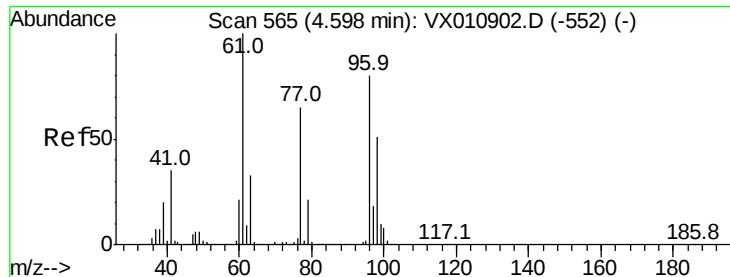
97 25.0 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

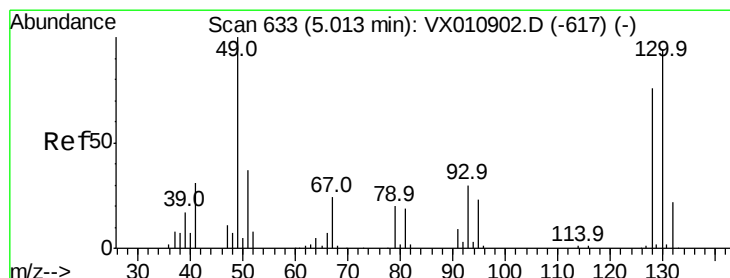
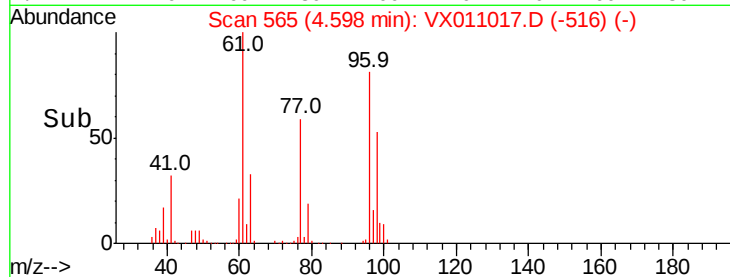
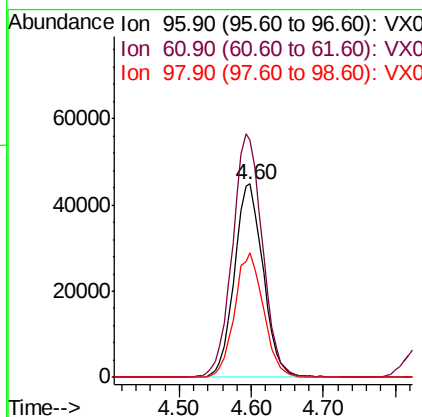
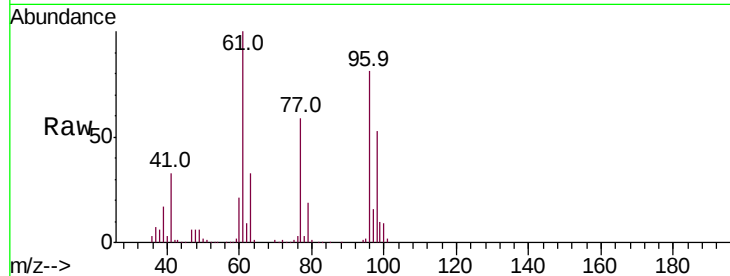
cis-1,2-Dichloroethene
Concen: 48.249 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	124756		
61	131.1	0.0	269.0	
98	64.5	0.0	131.4	

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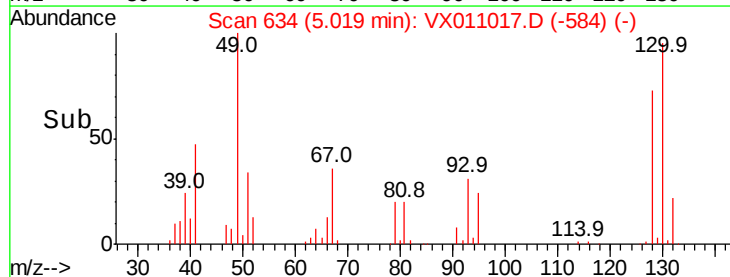
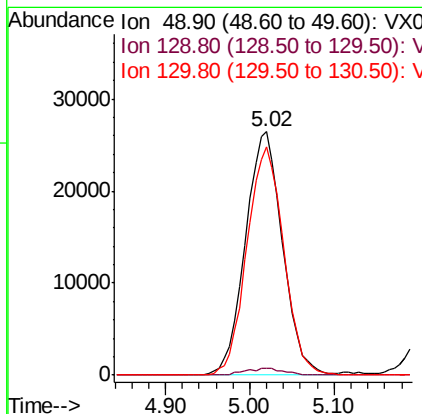
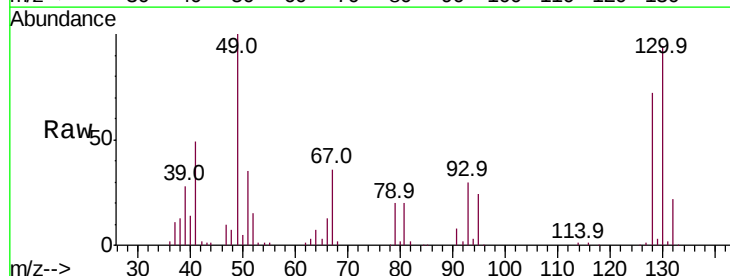
MMDadoda
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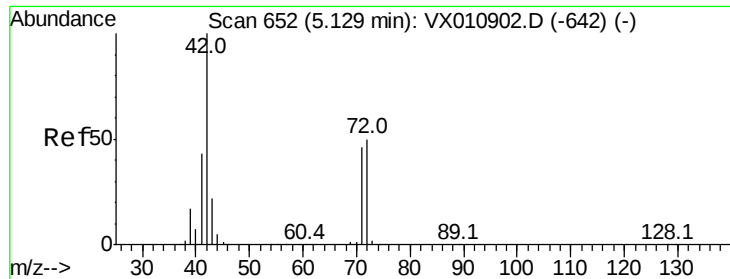


#28

Bromochloromethane
Concen: 44.776 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79044		
129	2.9	0.0	5.2	
130	93.2	76.9	115.3	





#29

Tetrahydrofuran

Concen: 253.946 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

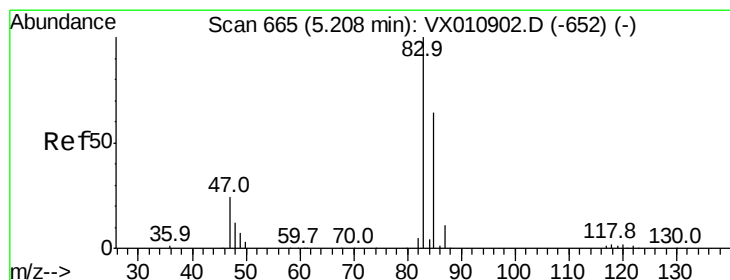
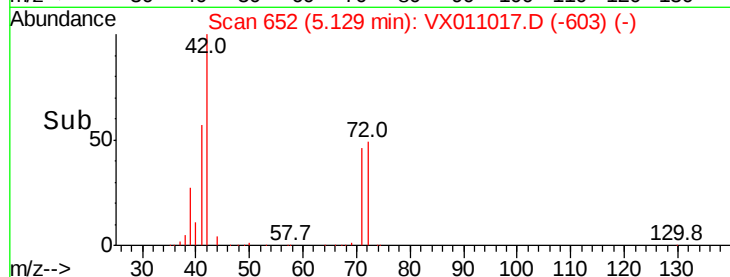
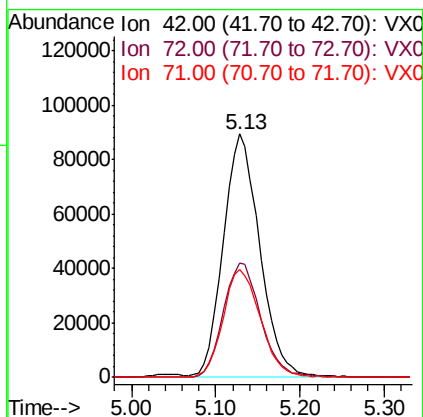
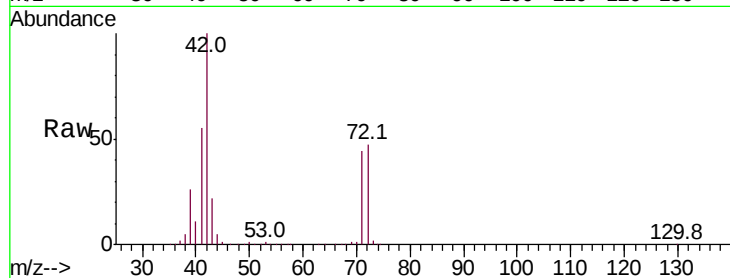
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	262278
Ion Ratio	Lower	Upper	
42	100		
72	49.0	39.8	59.8
71	45.7	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 48.363 ug/l

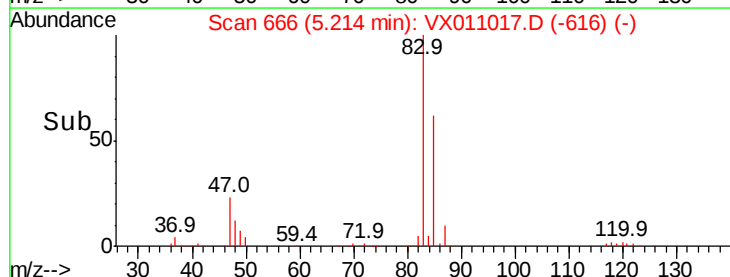
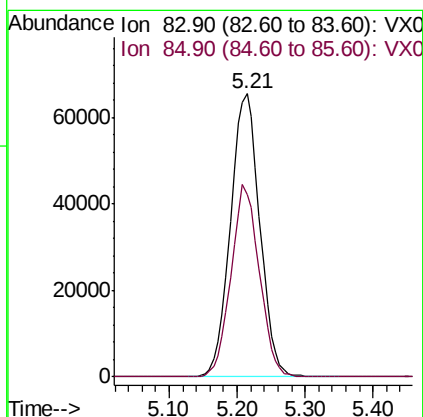
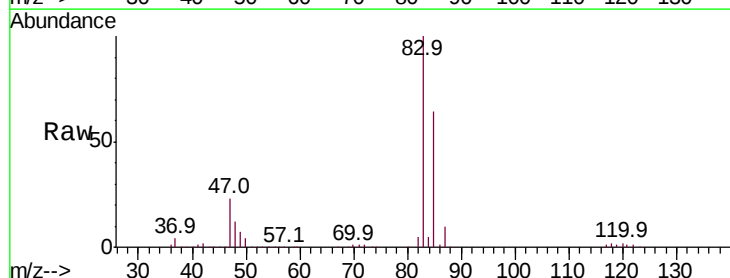
RT: 5.21 min Scan# 666

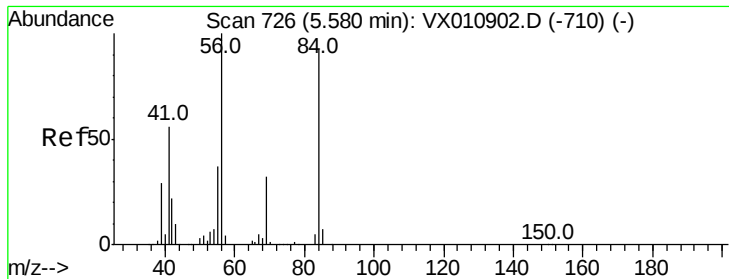
Delta R.T. 0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion:	83	Resp:	195831
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.4	77.0





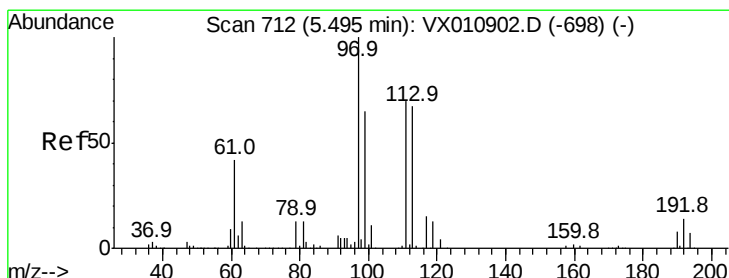
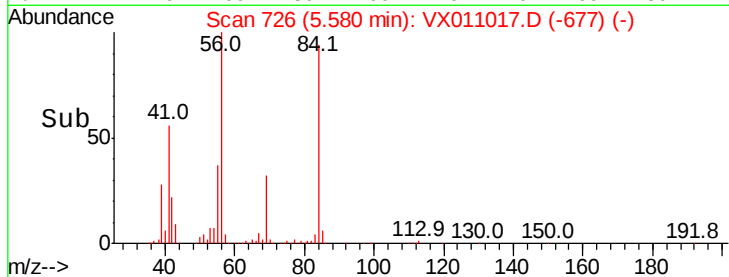
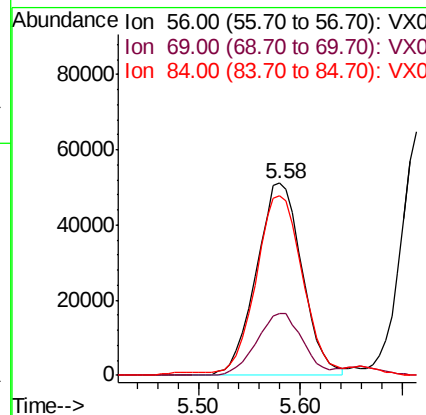
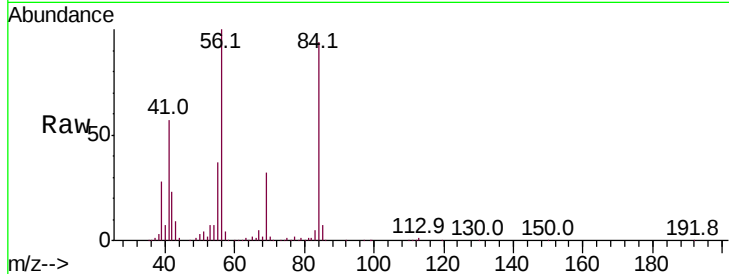
#31
Cyclohexane
Concen: 46.535 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.8	38.8
84	91.9	73.8	110.6

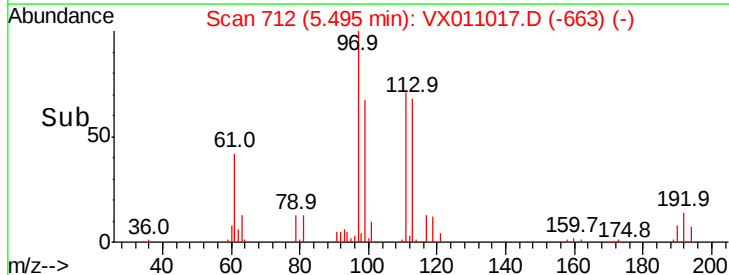
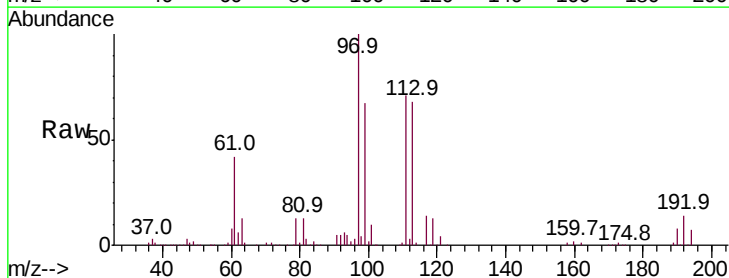
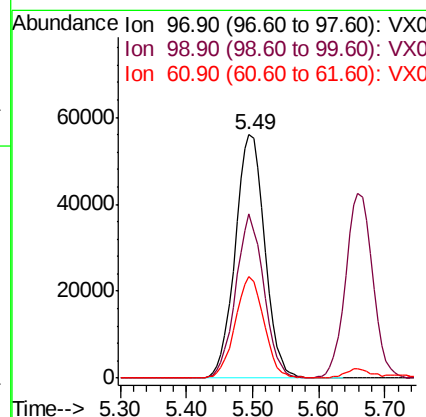
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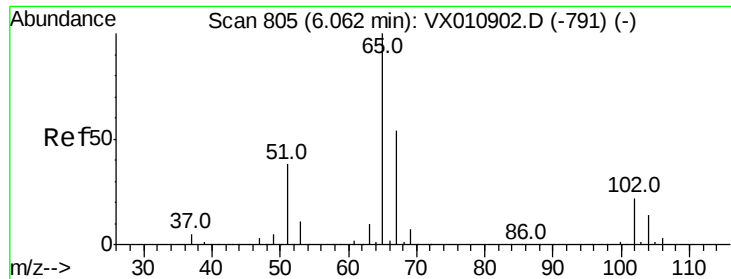
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#32
1,1,1-Trichloroethane
Concen: 49.439 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	40.9	33.0	49.6





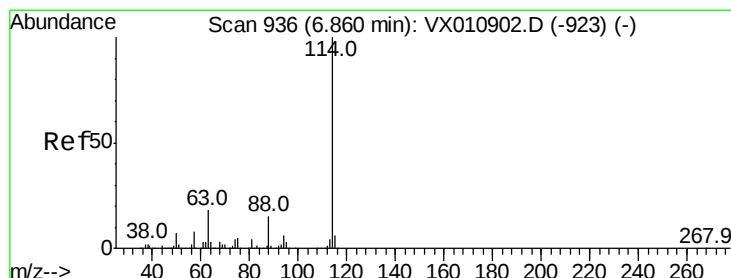
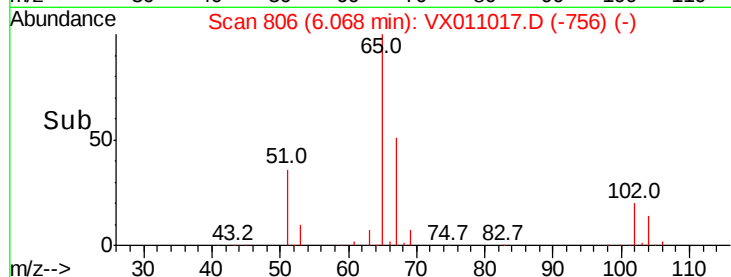
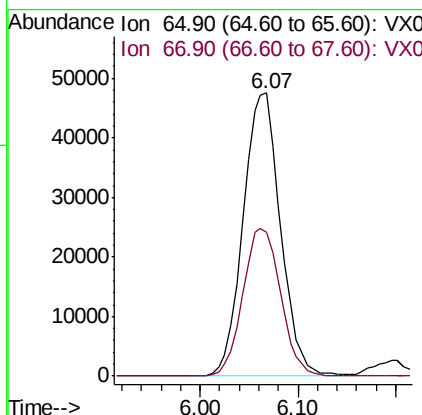
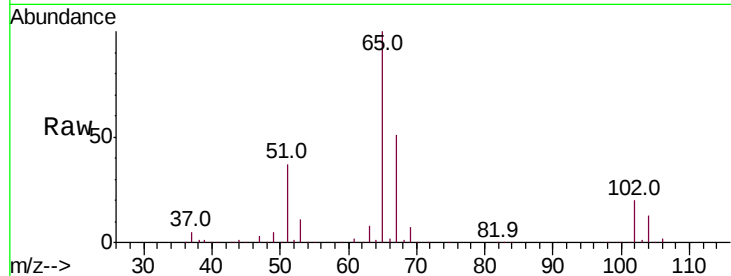
#33
 1,2-Dichloroethane-d4
 Concen: 50.036 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	107.8

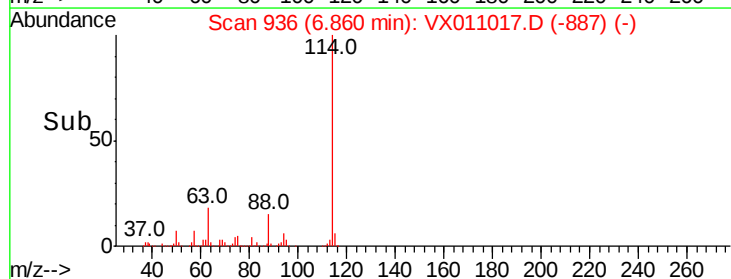
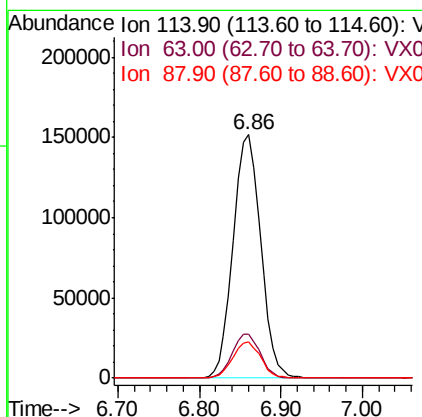
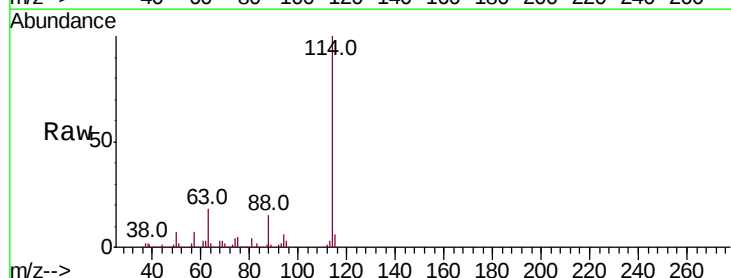
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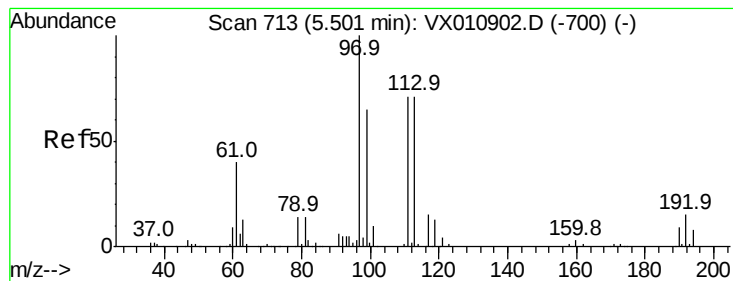
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	14.7	0.0	29.8





#35

Dibromofluoromethane

Concen: 49.260 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

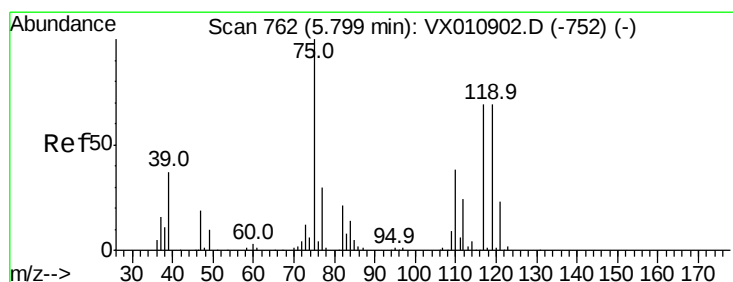
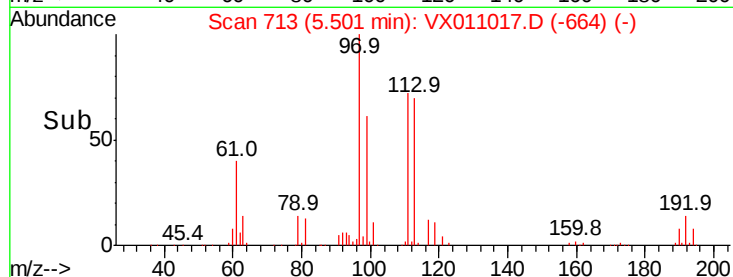
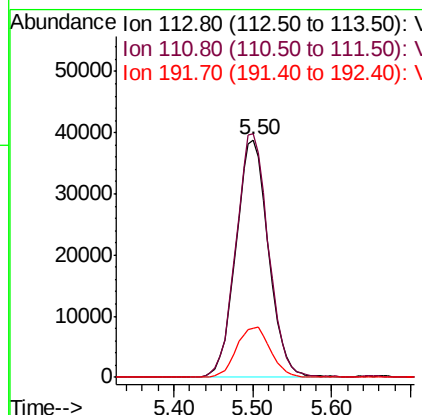
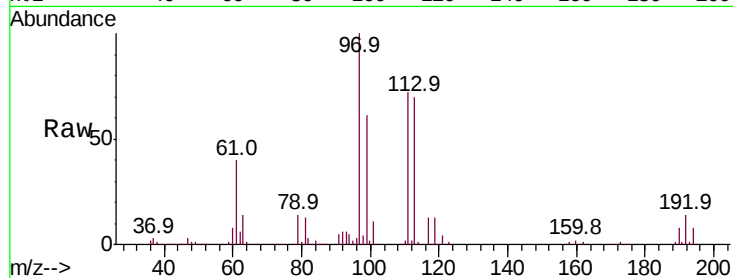
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	111360
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.3	123.5
192	22.1	17.4	26.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.799 ug/l

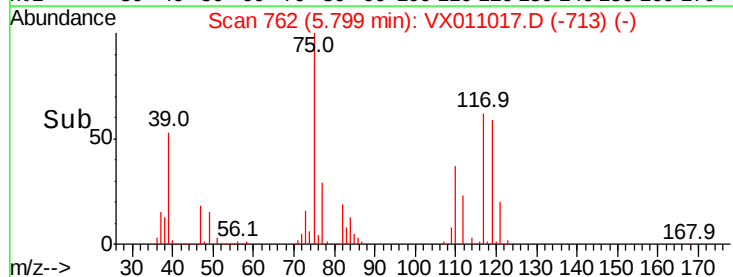
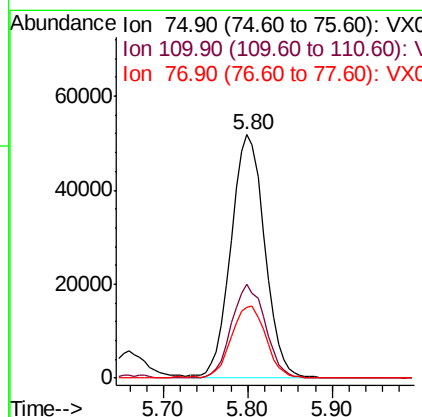
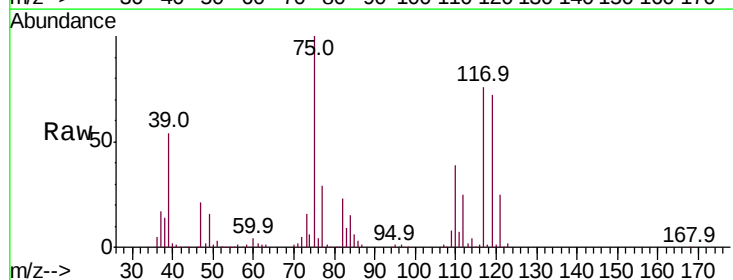
RT: 5.80 min Scan# 762

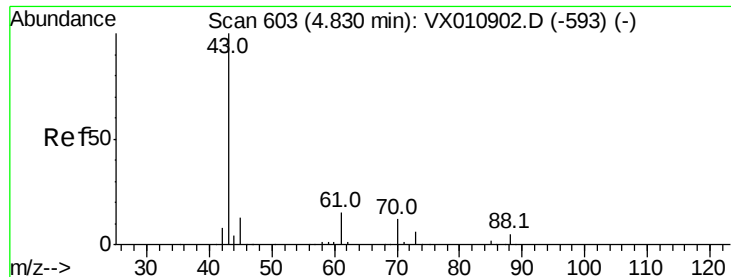
Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion:	75	Resp:	139839
Ion Ratio	Lower	Upper	
75	100		
110	38.9	19.9	59.7
77	30.7	25.0	37.4





#37

Ethyl Acetate

Concen: 50.590 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

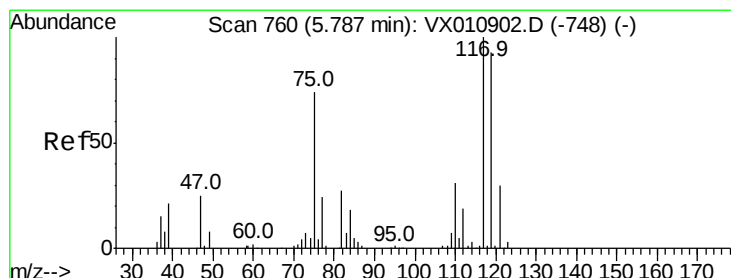
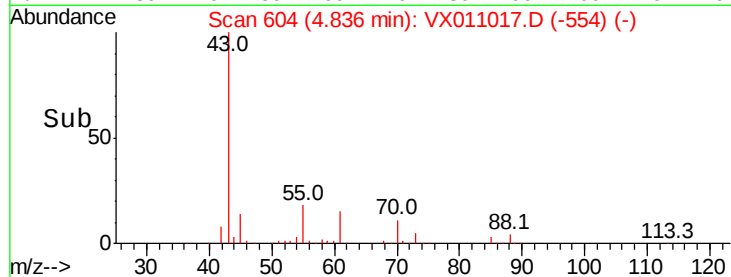
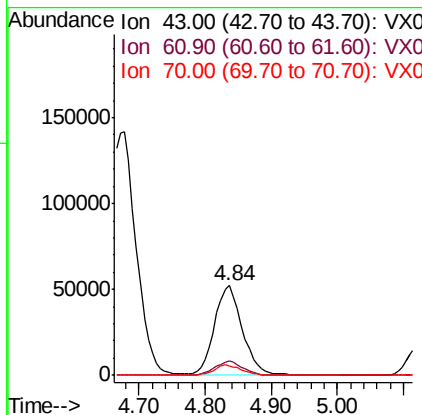
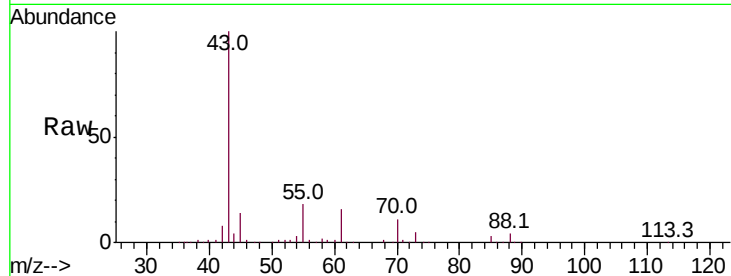
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	151552
Ion Ratio	Lower	Upper	
43	100		
61	15.1	11.6	17.4
70	11.6	9.1	13.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.222 ug/l

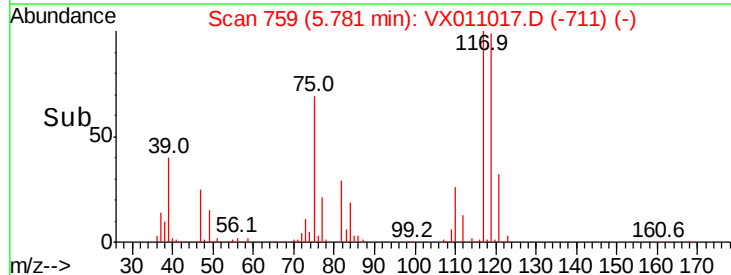
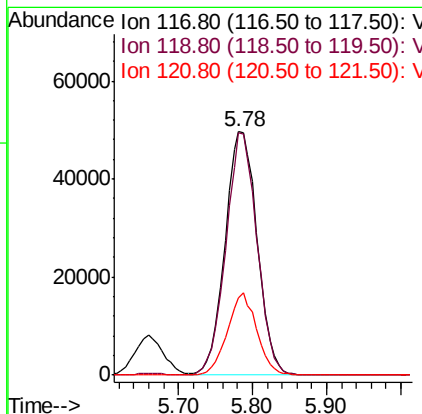
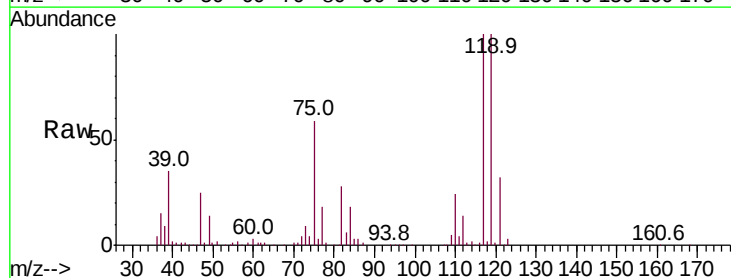
RT: 5.78 min Scan# 759

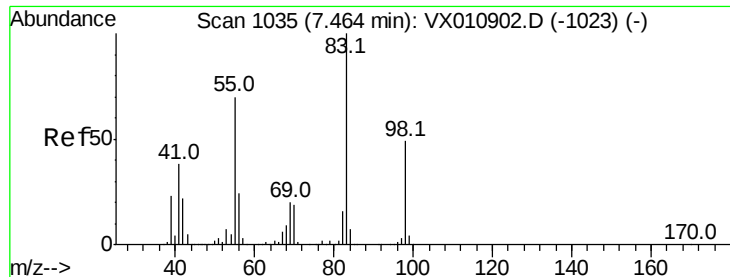
Delta R.T. -0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion:	117	Resp:	150055
Ion Ratio	Lower	Upper	
117	100		
119	99.6	74.2	111.2
121	31.5	24.2	36.2





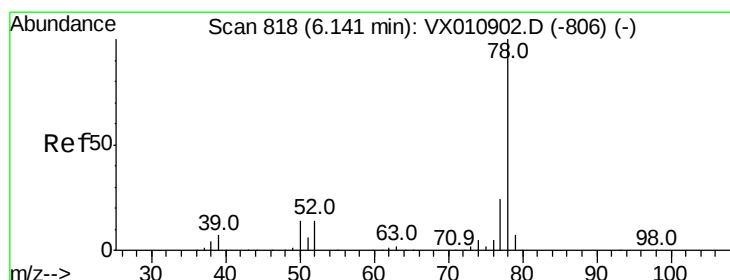
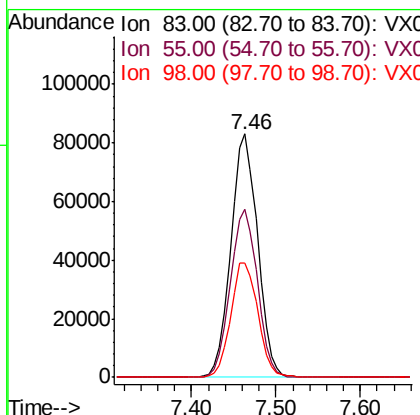
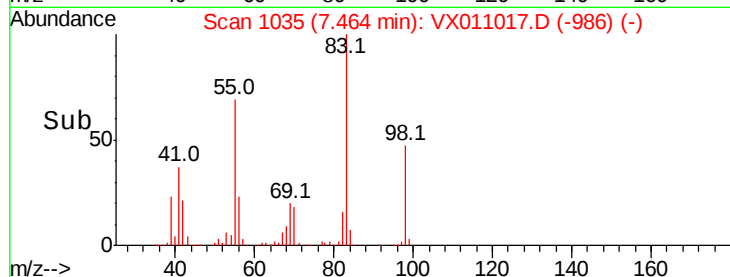
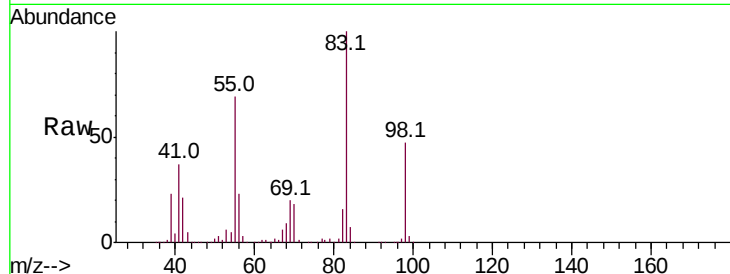
#39
Methvlcvclohexane
Concen: 46.958 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	56.2	84.4
98	47.2	39.0	58.4

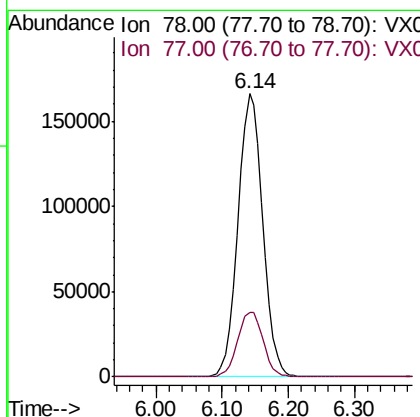
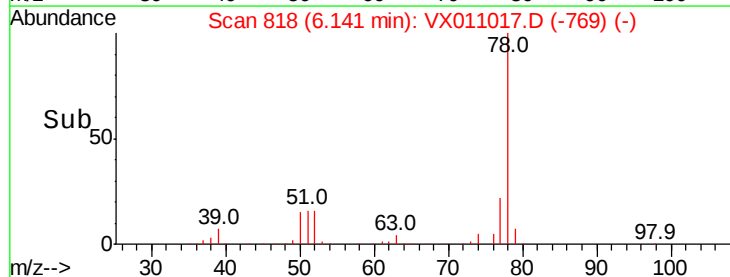
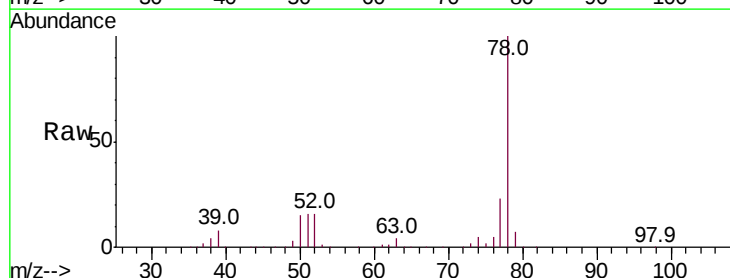
Manual Integrations
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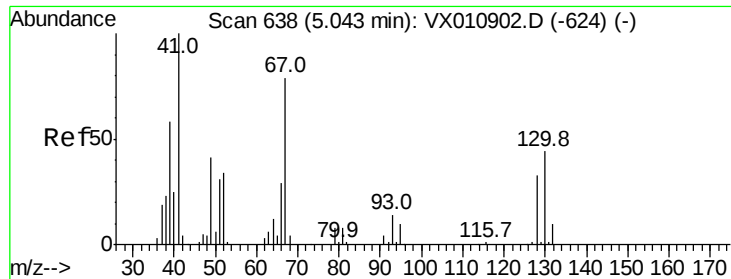
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#40
Benzene
Concen: 48.146 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.6





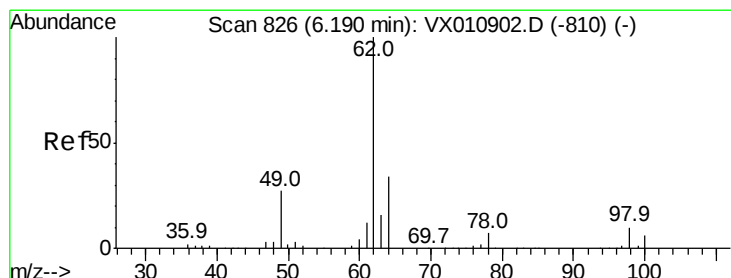
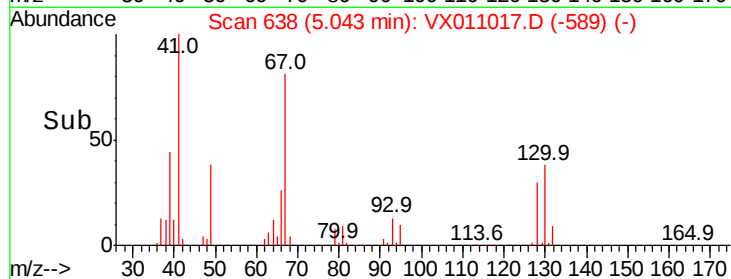
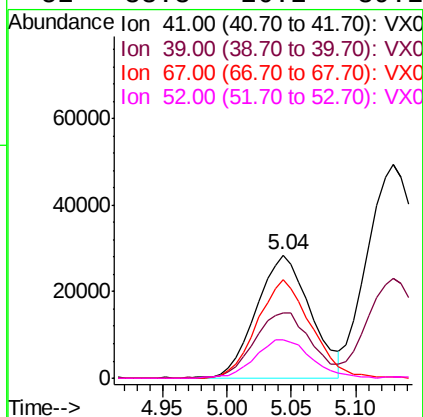
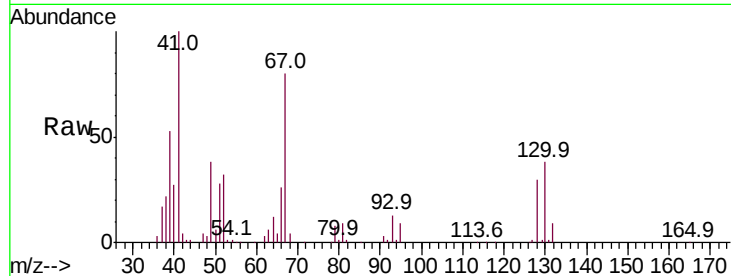
#41
Methacrylonitrile
Concen: 48.417 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	45.4	68.2	
67	80.6	65.9	98.9	
52	33.3	26.2	39.2	

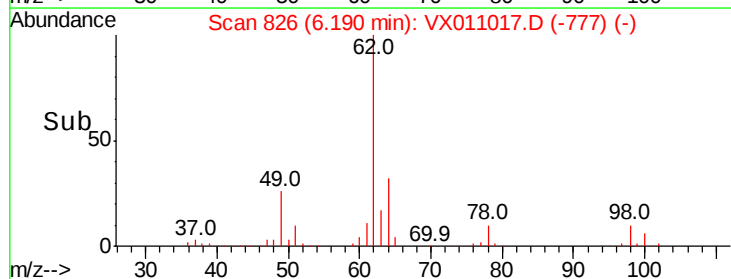
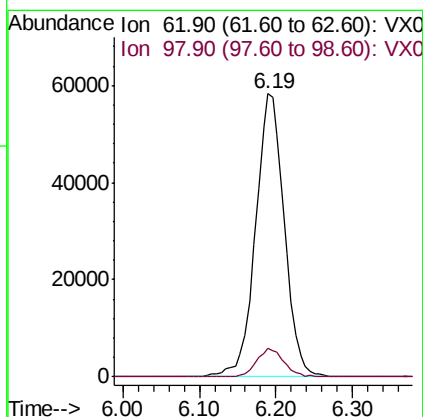
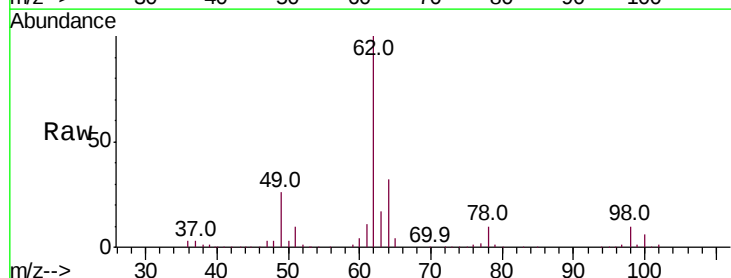
Manual Integrations
APPROVED

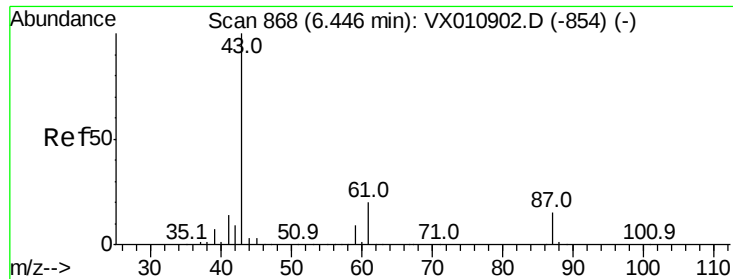
MMDadoda
7/22/2019 5:24:18 PM



#42
1,2-Dichloroethane
Concen: 49.137 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	20.0	





#43

Isopropyl Acetate

Concen: 49.986 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

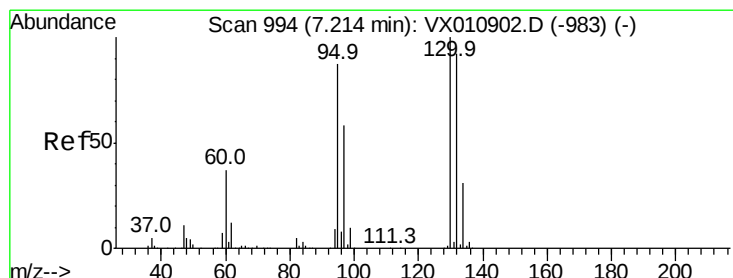
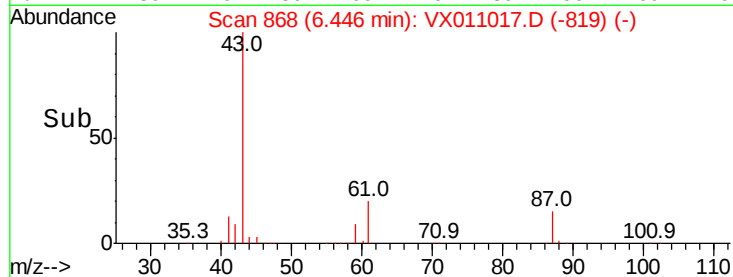
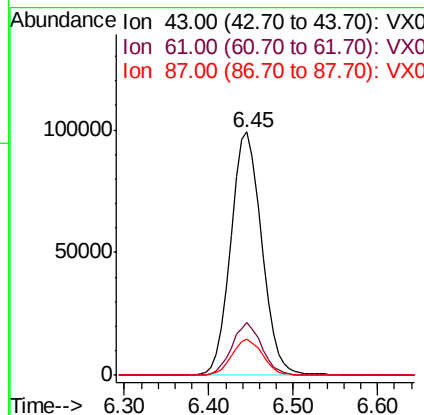
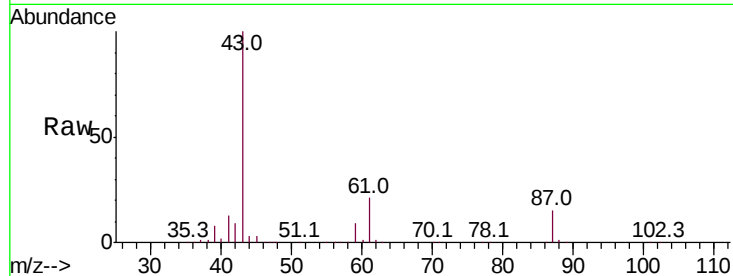
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	246224
Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.1	25.7
87	14.8	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 46.845 ug/l

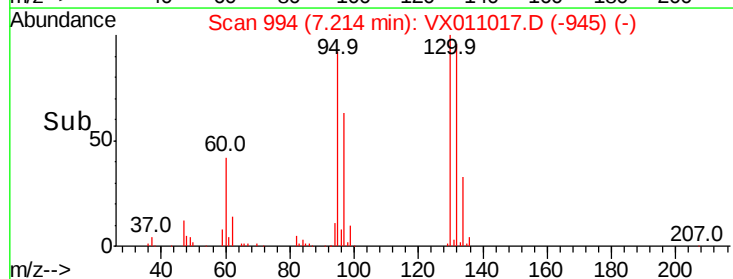
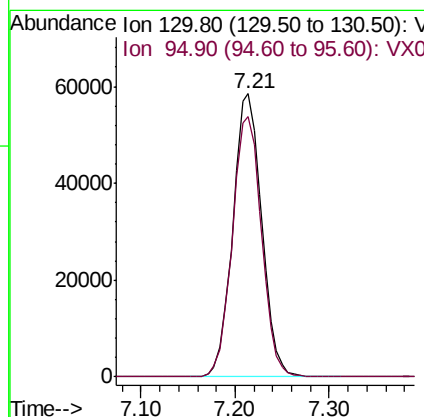
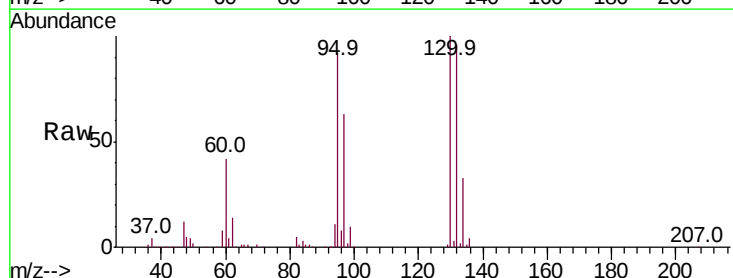
RT: 7.21 min Scan# 994

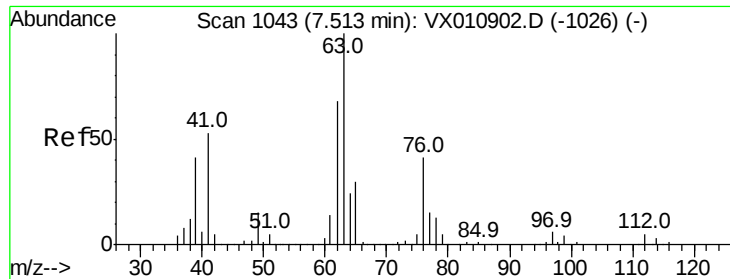
Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion:	130	Resp:	124264
Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	174.8





#45

1,2-Dichloropropane

Concen: 48.364 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 110313

Ion Ratio Lower Upper

63 100

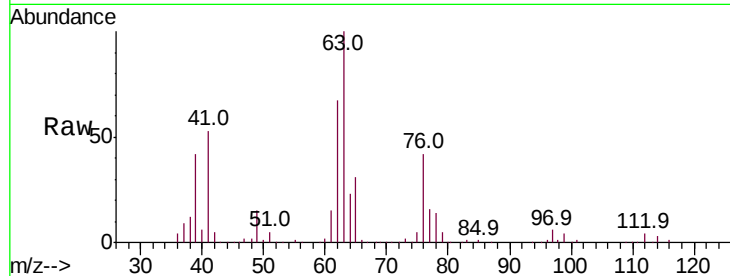
65 31.0 24.4 36.6

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

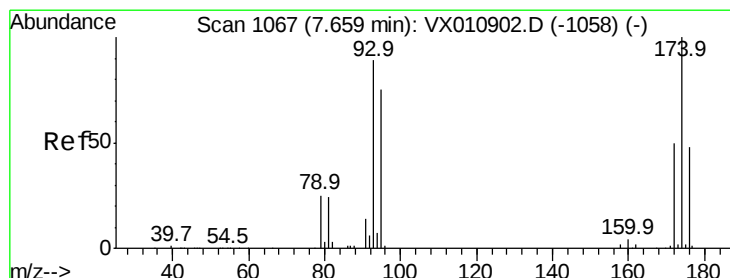
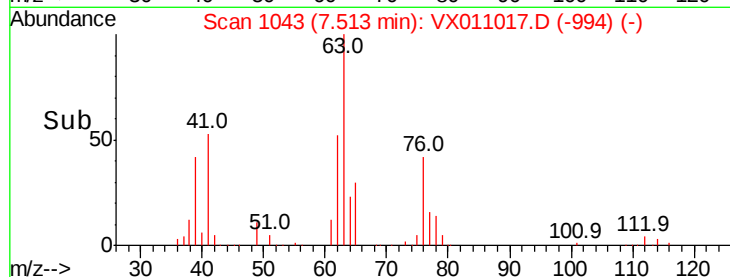
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 48.486 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

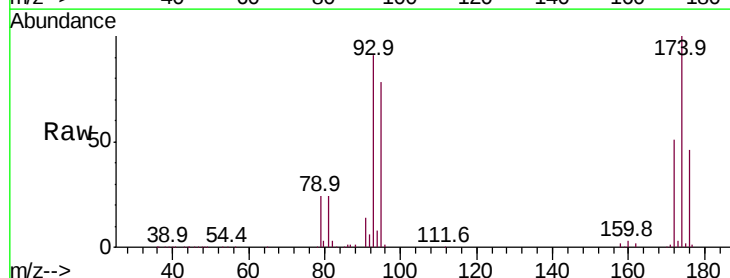
Tgt Ion: 93 Resp: 79025

Ion Ratio Lower Upper

93 100

95 85.1 67.2 100.8

174 113.2 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

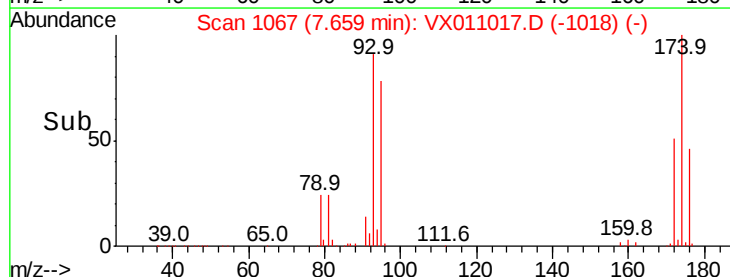
20000

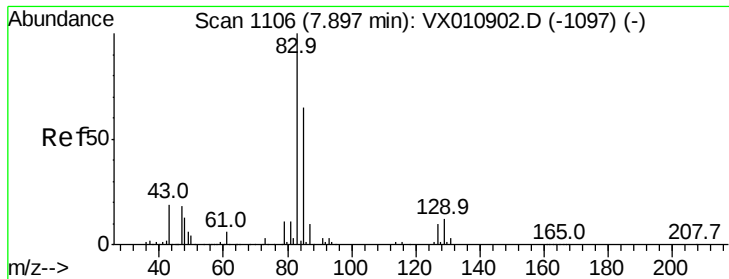
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 49.763 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

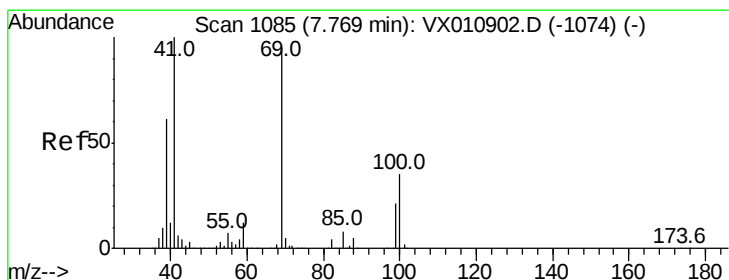
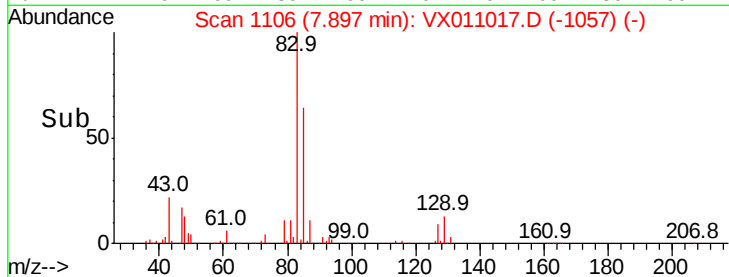
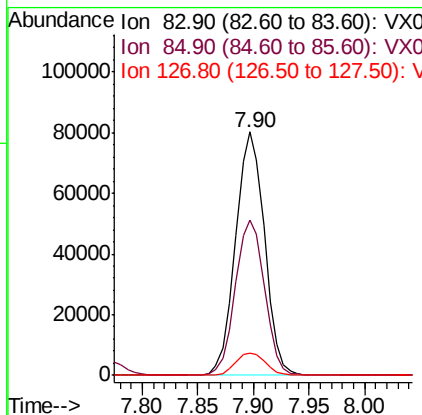
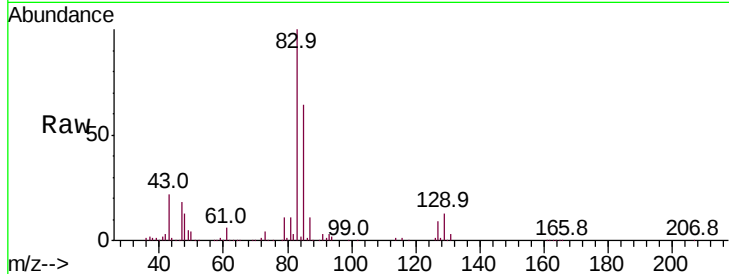
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	144376
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.5	78.7
127	9.3	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.503 ug/l

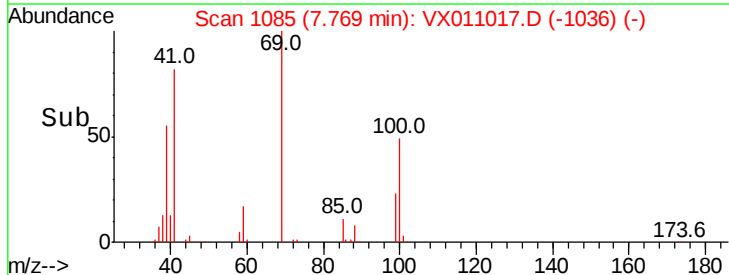
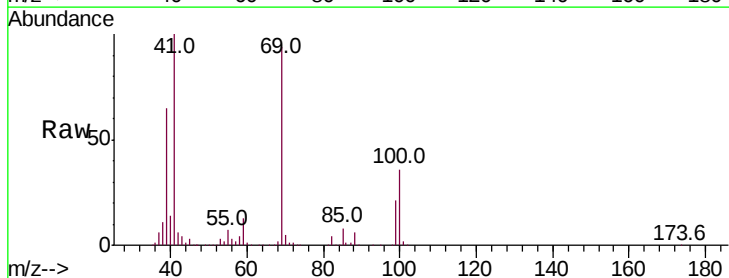
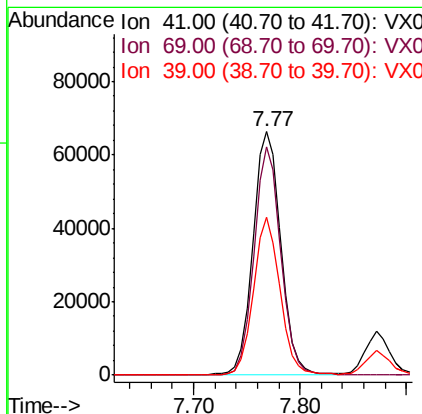
RT: 7.77 min Scan# 1085

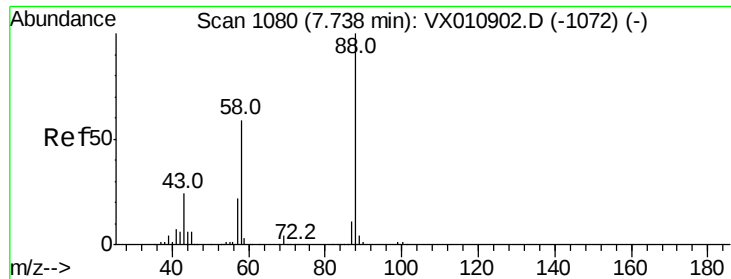
Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion:	41	Resp:	121189
Ion	Ratio	Lower	Upper
41	100		
69	90.7	74.4	111.6
39	61.6	48.9	73.3





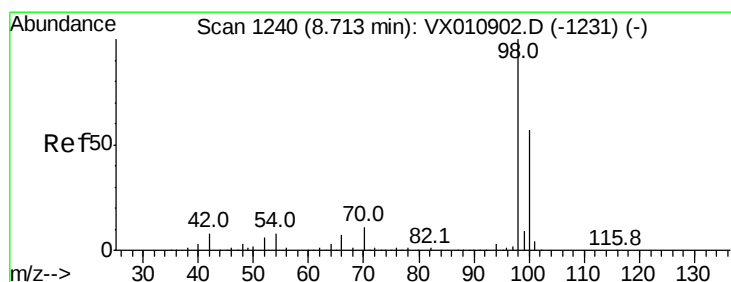
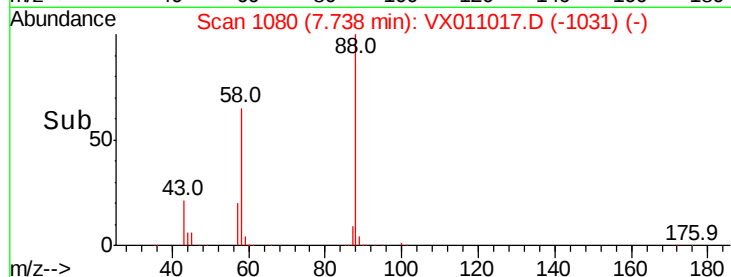
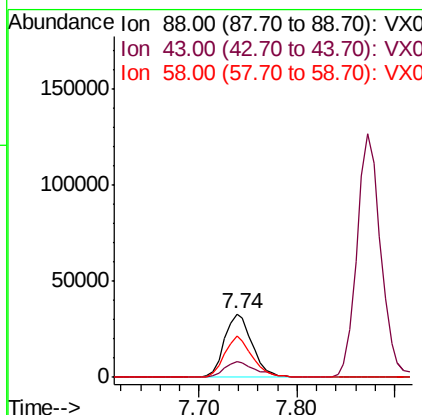
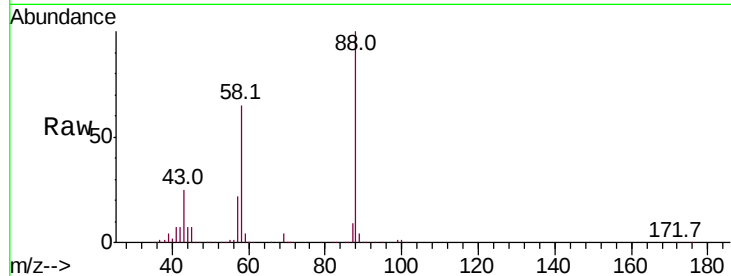
#49
1,4-Dioxane
Concen: 966.210 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	22.9	34.3
58	64.6	49.8	74.8

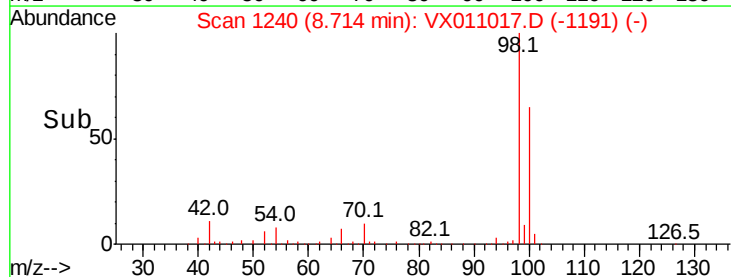
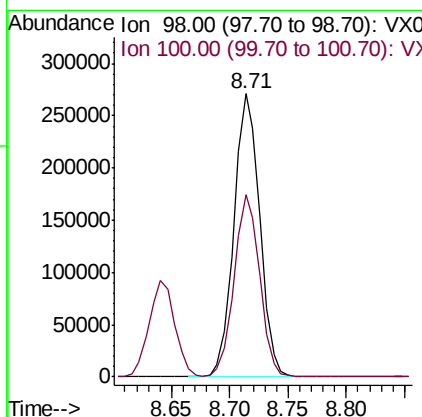
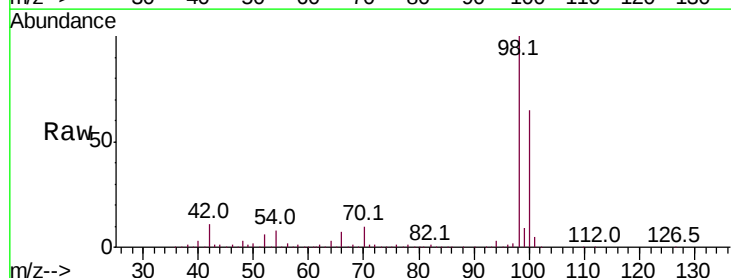
Manual Integrations
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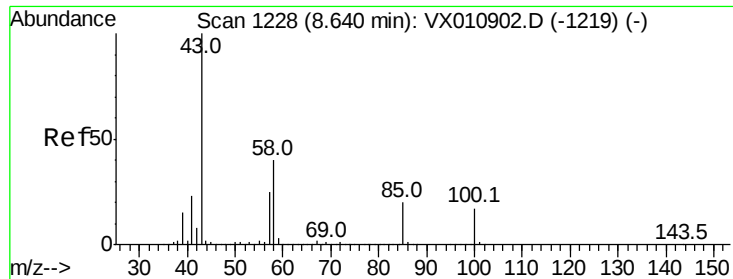
MMDadoda
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#50
Toluene-d8
Concen: 49.334 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.6	75.8





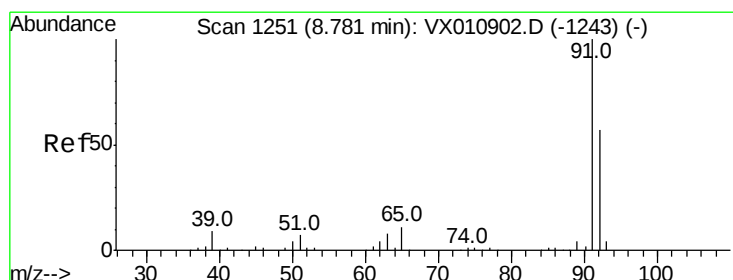
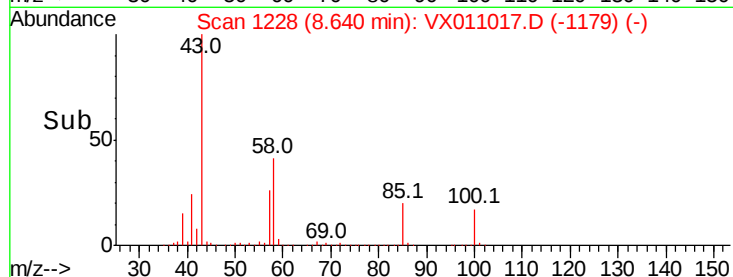
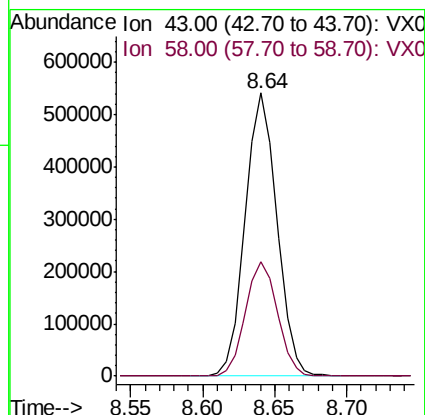
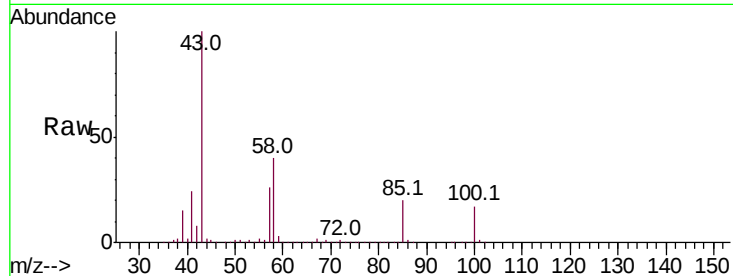
#51
4-Methyl-2-Pentanone
Concen: 258.001 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 823826
Ion Ratio Lower Upper
43 100
58 40.8 32.2 48.4

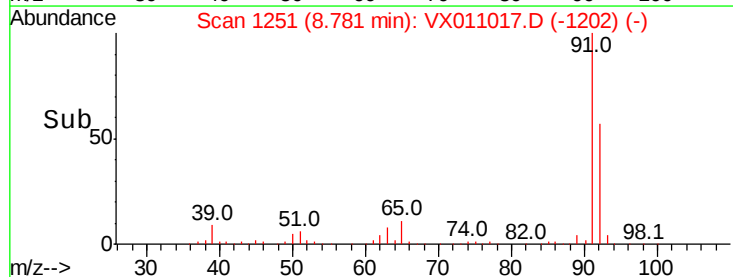
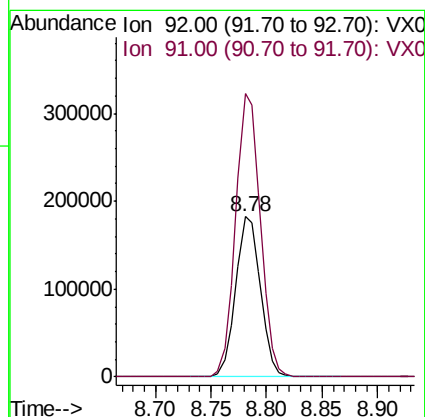
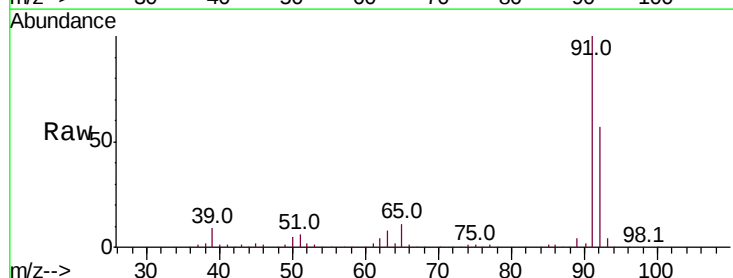
Manual Integrations
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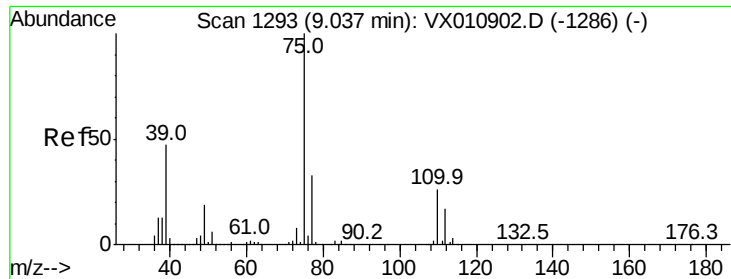
MMDadoda
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#52
Toluene
Concen: 47.771 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion: 92 Resp: 281238
Ion Ratio Lower Upper
92 100
91 177.0 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 49.918 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tot Ion: 75 Resp: 155724

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

Instrument :

MSVOA_X

ClientSampleId :

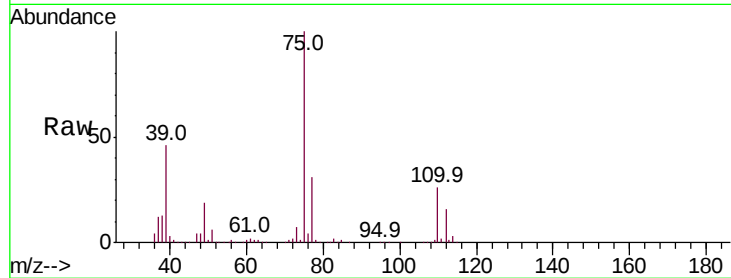
VSTDCCC050EC

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

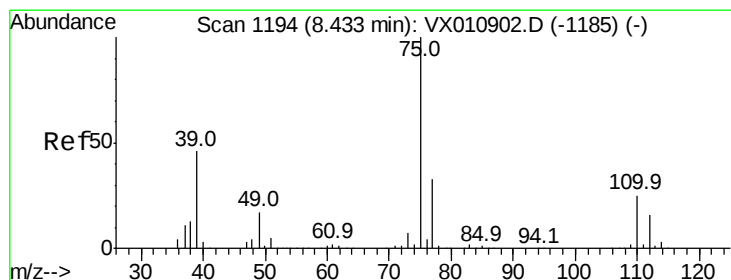
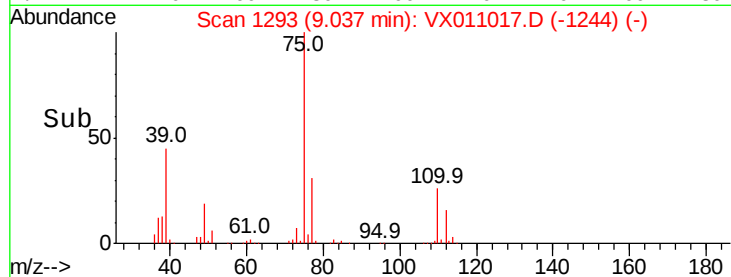
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.406 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

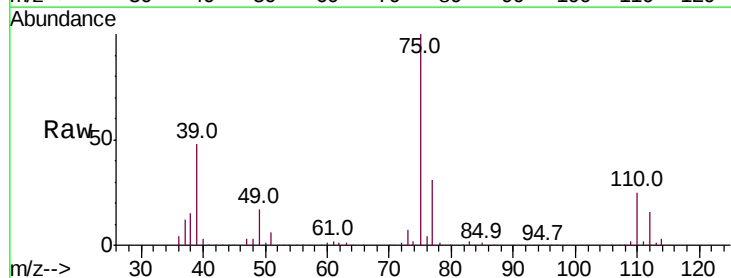
Tgt Ion: 75 Resp: 171505

Ion Ratio Lower Upper

75 100

77 30.8 26.1 39.1

39 47.8 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

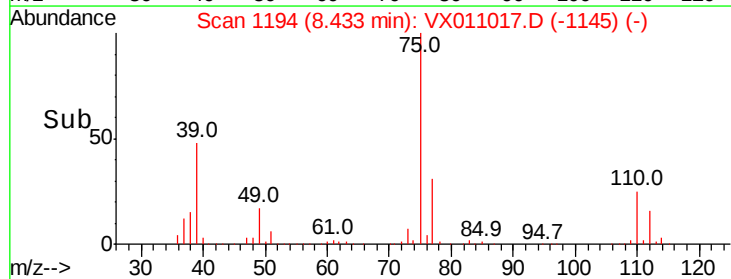
150000

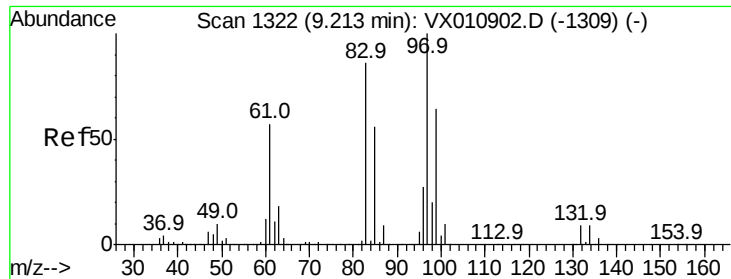
100000

50000

0

Time-->





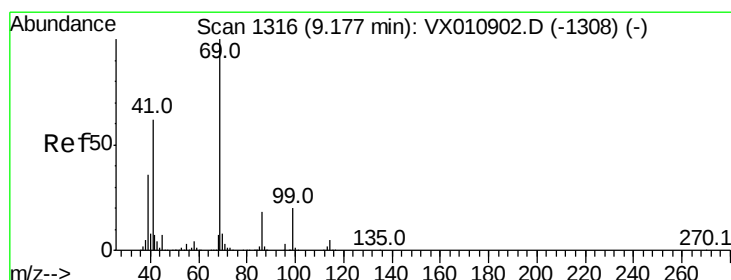
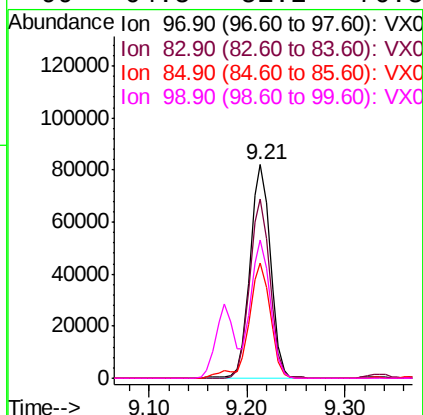
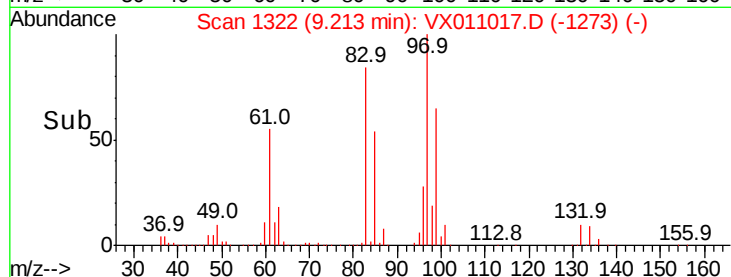
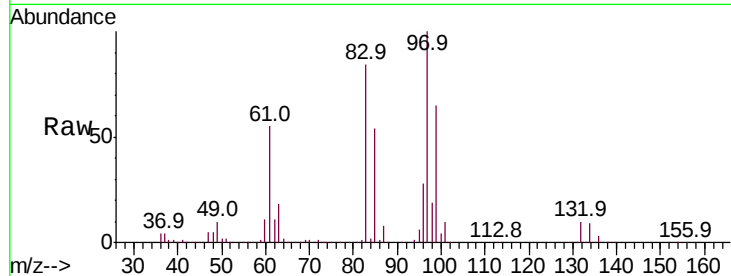
#55
 1,1,2-Trichloroethane
 Concen: 49.225 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.2	103.8
85	53.7	44.6	66.8
99	64.5	51.2	76.8

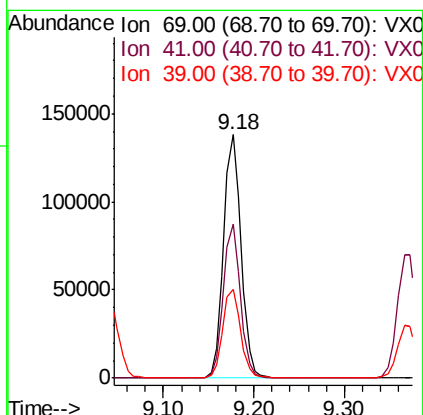
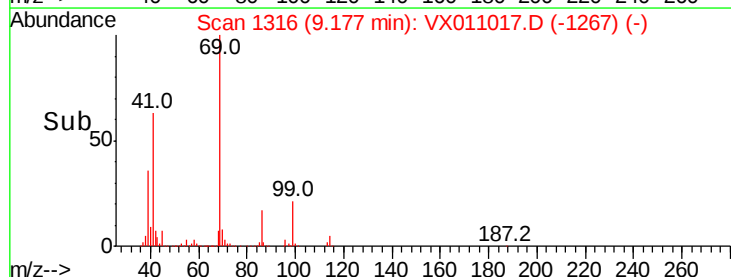
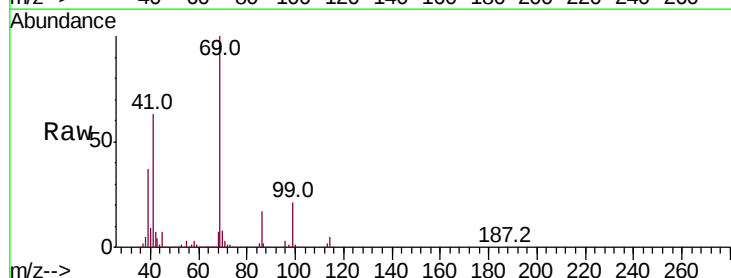
Manual Integrations
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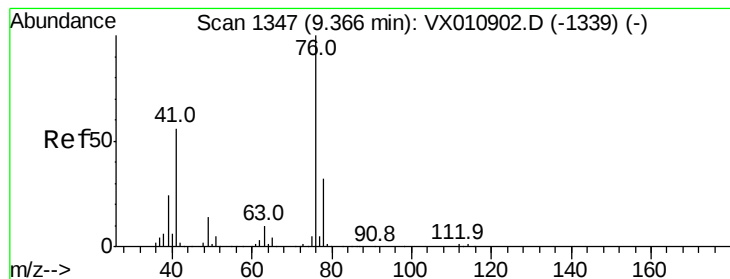
MMDadoda
 7/22/2019 5:24:18 PM



#56
 Ethyl methacrylate
 Concen: 52.586 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.6	49.7	74.5
39	37.2	29.6	44.4





#57

1,3-Dichloropropane

Concen: 48.860 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 187886

Ion Ratio Lower Upper

76 100

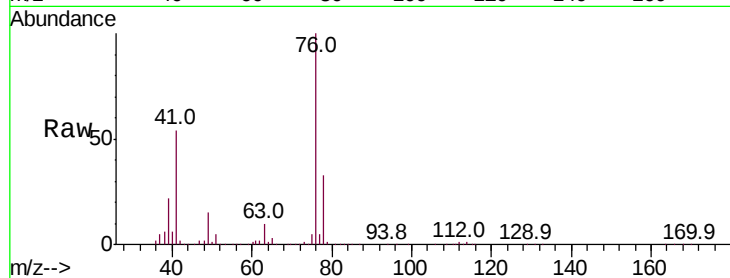
78 32.7 25.6 38.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

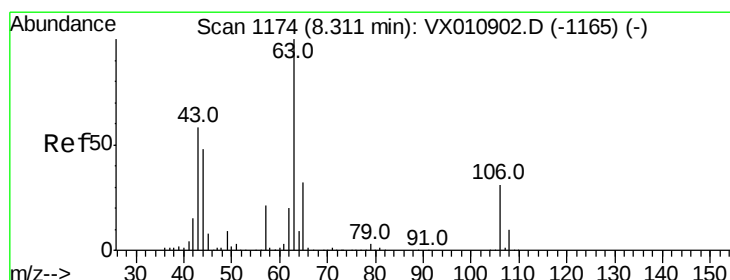
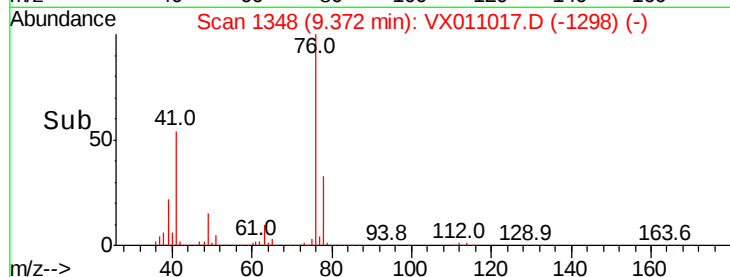
9.37

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 250.854 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011017.D

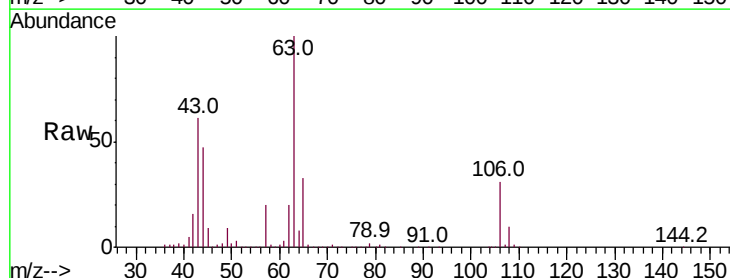
Acq: 19 Jul 2019 20:55

Tgt Ion: 63 Resp: 424596

Ion Ratio Lower Upper

63 100

106 30.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

300000

250000

200000

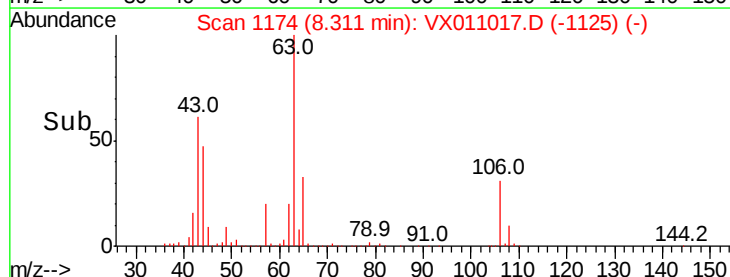
150000

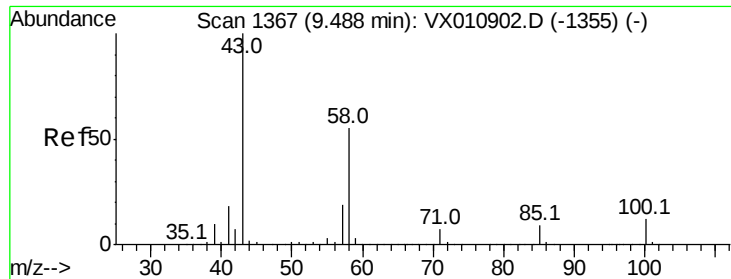
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50000

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Time-->





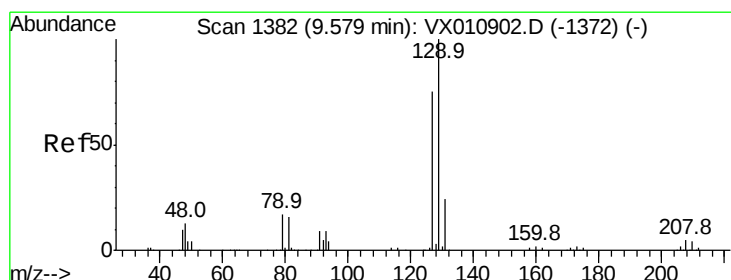
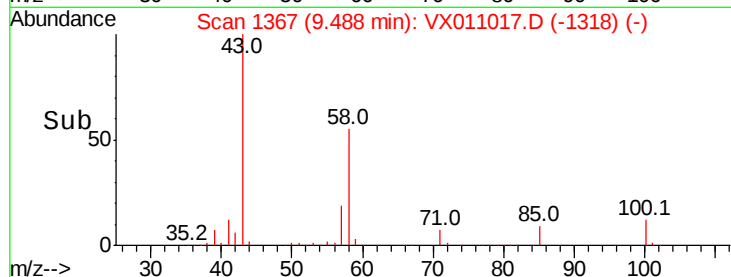
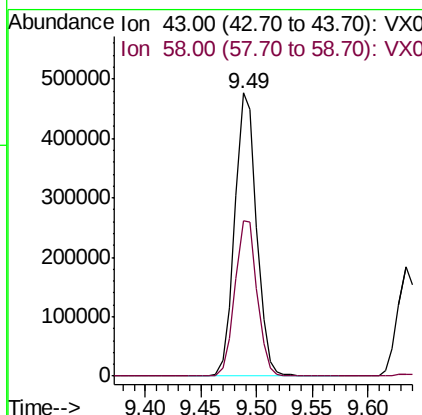
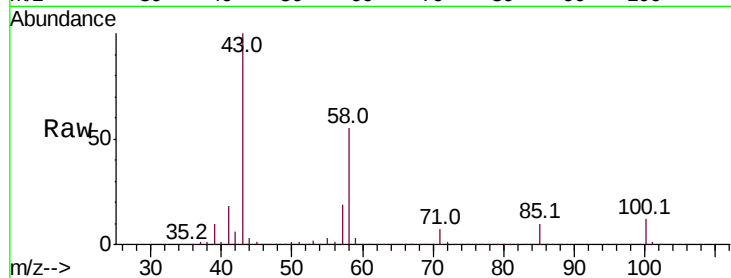
#59
2-Hexanone
Concen: 260.372 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 644846
Ion Ratio Lower Upper
43 100
58 56.4 28.0 83.9

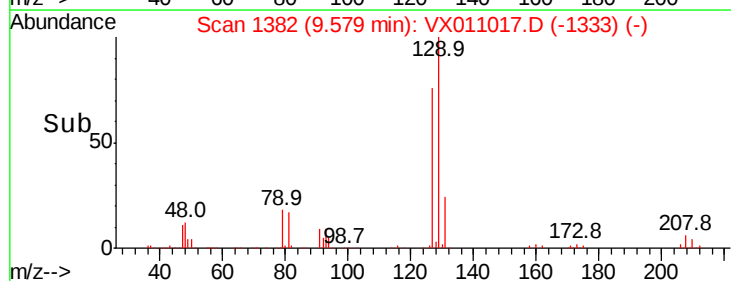
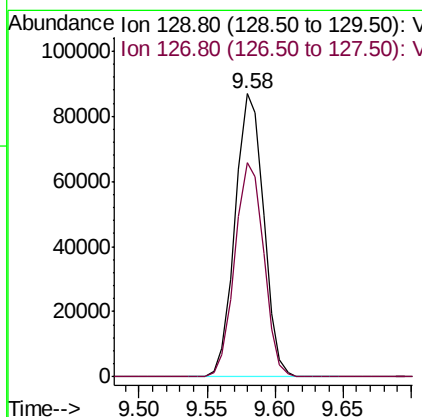
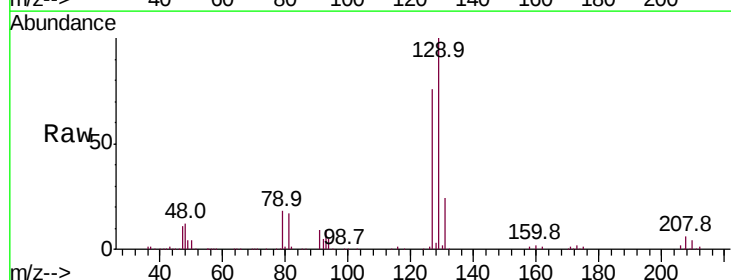
Manual Integrations
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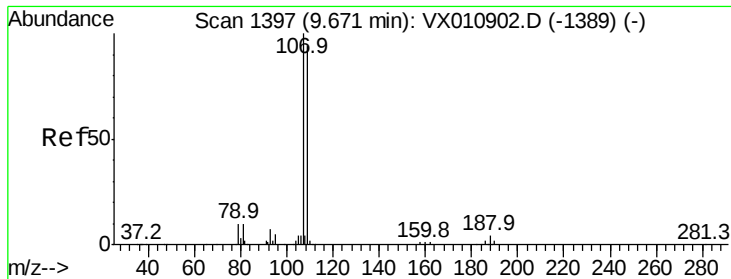
MMDadoda
7/22/2019 5:24:18 PM



#60
Dibromochloromethane
Concen: 45.936 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion: 129 Resp: 127545
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.722 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 127911

Ion Ratio Lower Upper

107 100

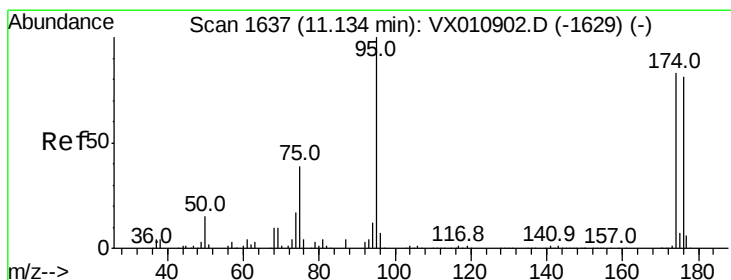
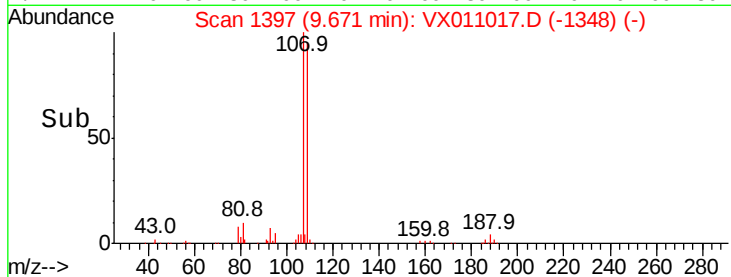
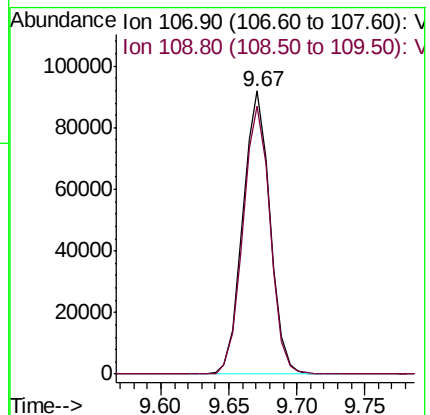
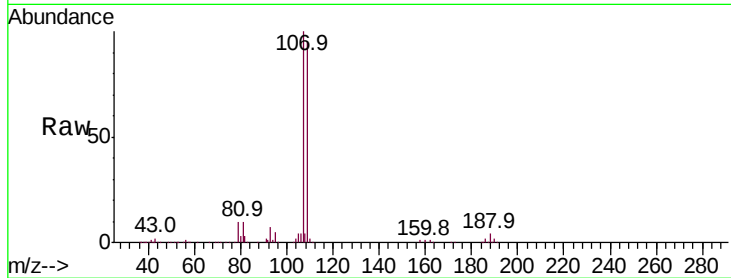
109 95.2 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.470 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

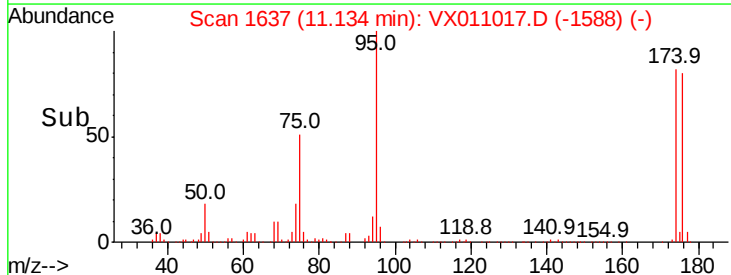
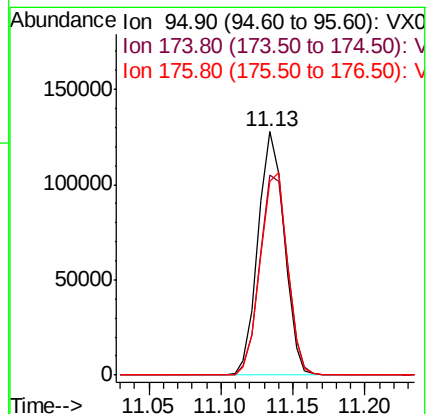
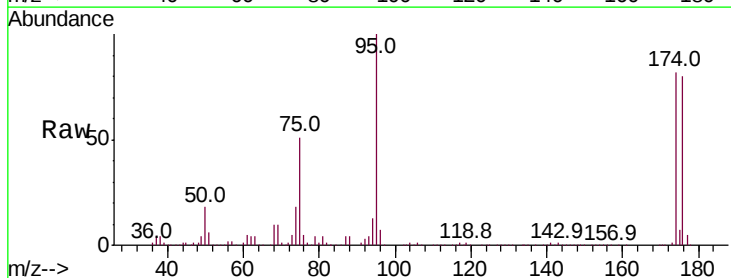
Tgt Ion: 95 Resp: 160412

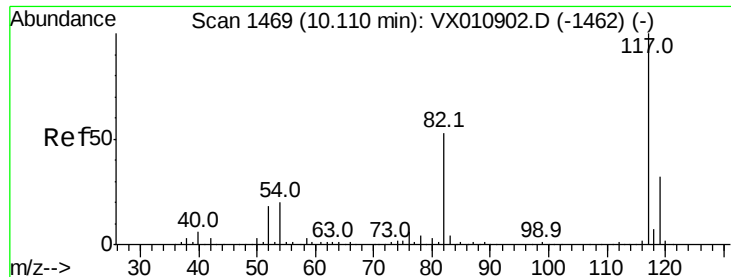
Ion Ratio Lower Upper

95 100

174 86.6 0.0 180.6

176 86.2 0.0 173.8





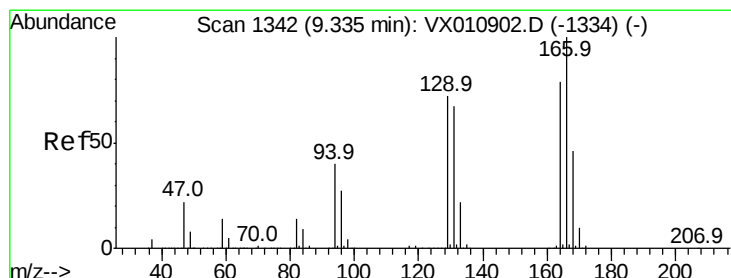
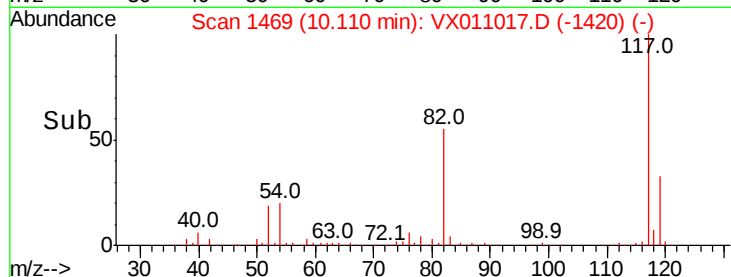
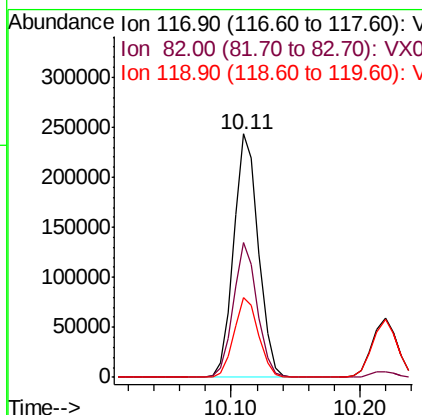
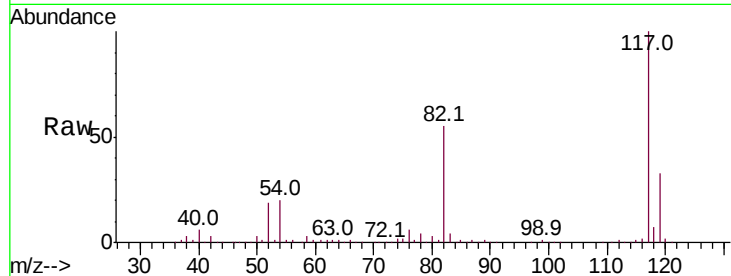
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.6	63.8
119	32.7	25.9	38.9

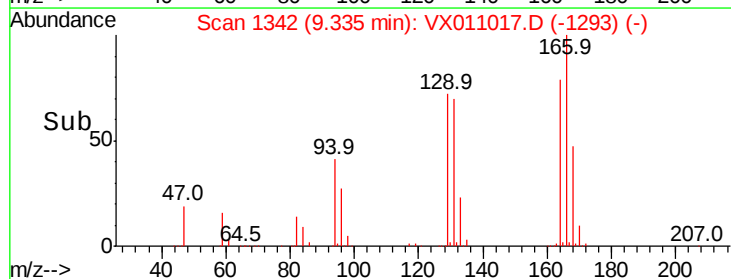
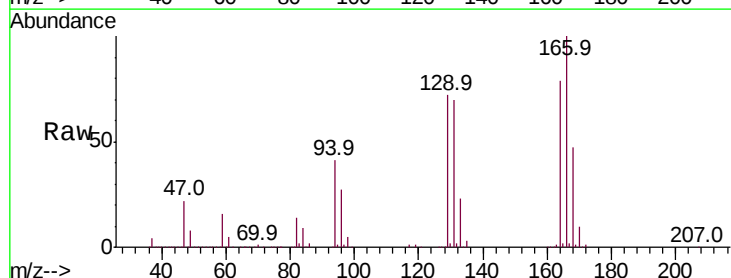
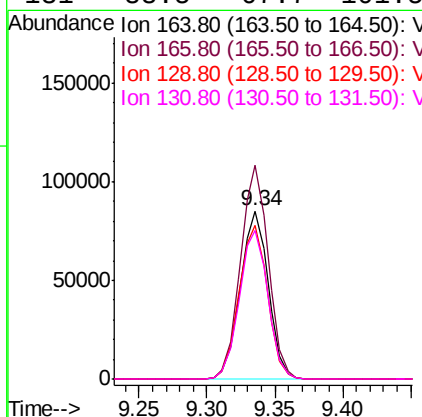
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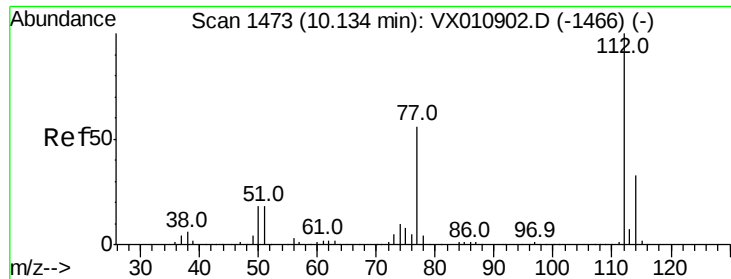
MMDadoda
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#64
Tetrachloroethene
Concen: 47.662 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	100.8	151.2
129	91.7	72.6	109.0
131	88.5	67.7	101.5





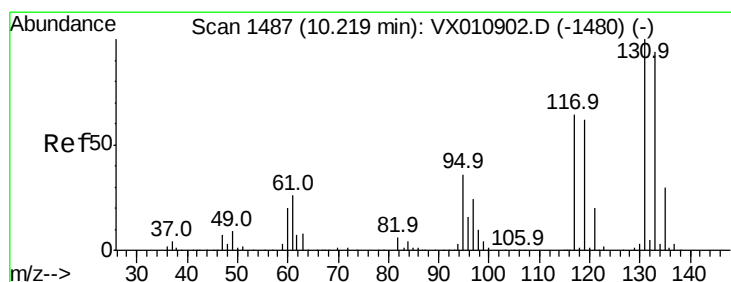
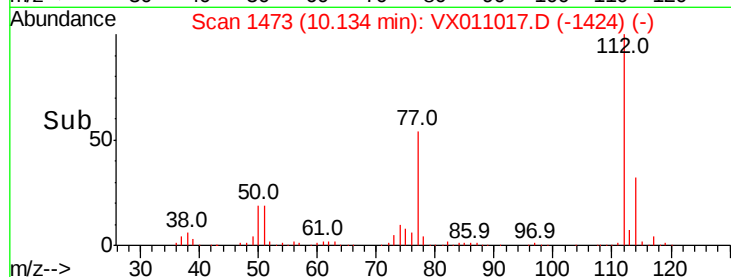
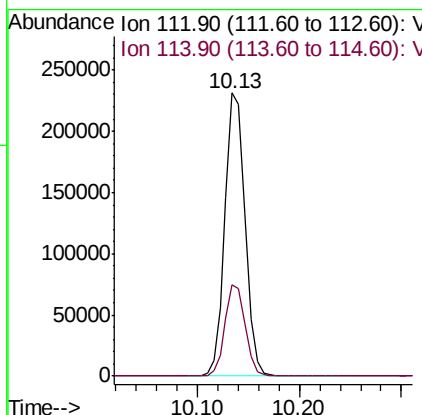
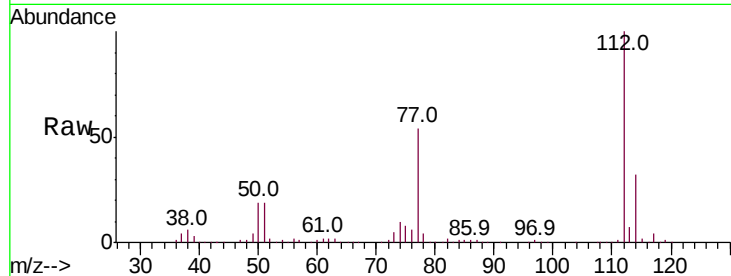
#65
Chlorobenzene
Concen: 47.621 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 317863
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.4

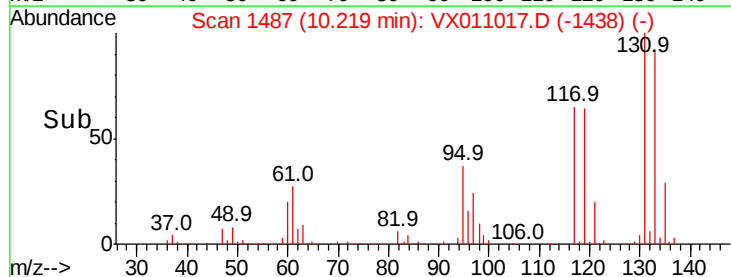
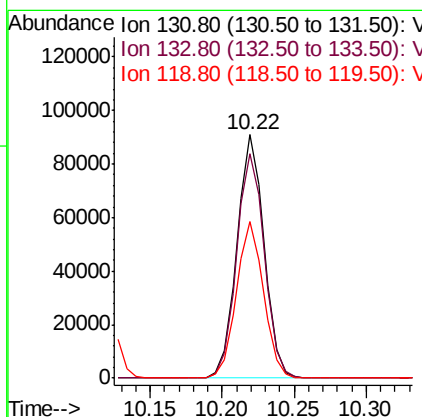
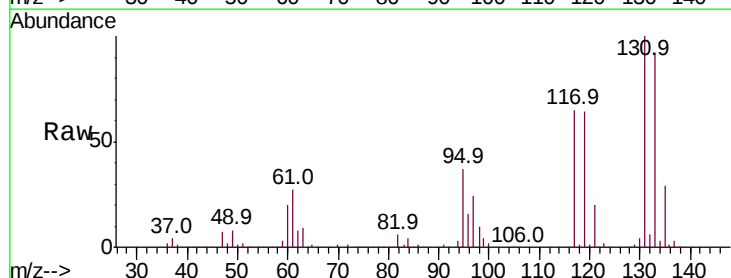
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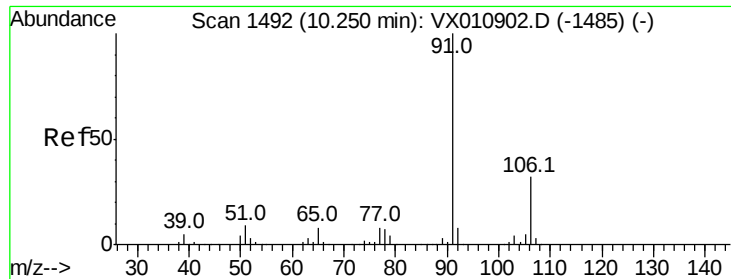
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.742 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion:131 Resp: 119036
Ion Ratio Lower Upper
131 100
133 94.3 47.1 141.4
119 64.4 31.9 95.7





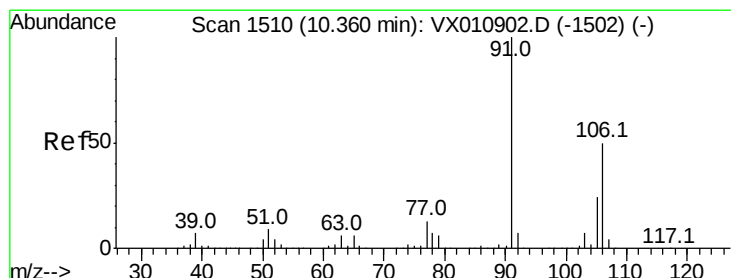
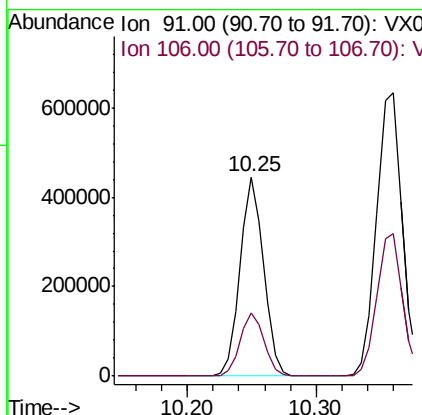
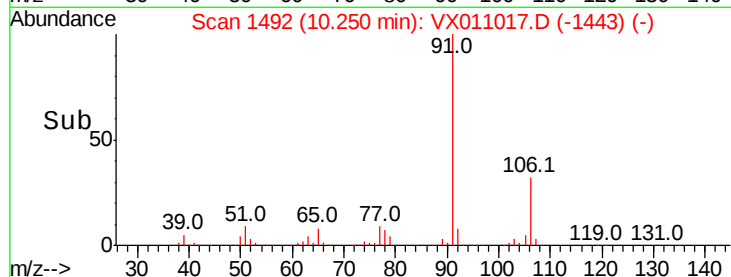
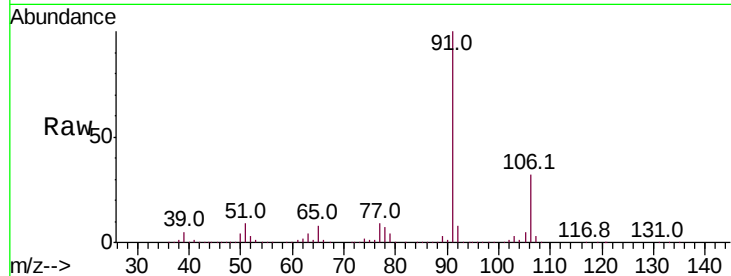
#67
Ethyl Benzene
Concen: 49.417 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 561451
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2

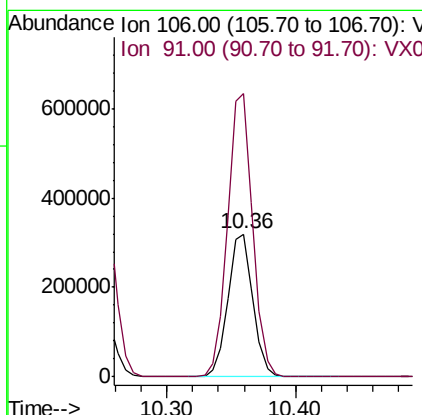
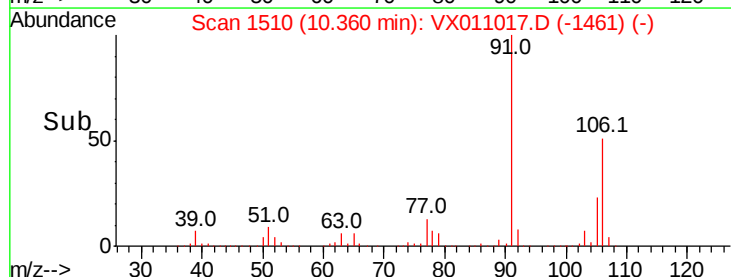
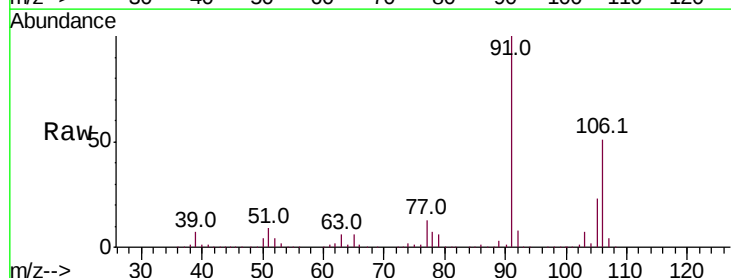
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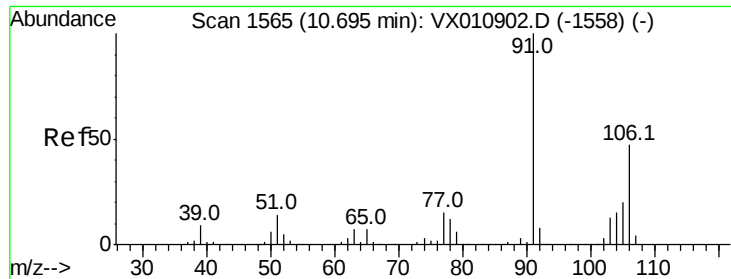
MMDadoda
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#68
m/p-Xylenes
Concen: 99.296 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion: 106 Resp: 432745
Ion Ratio Lower Upper
106 100
91 200.3 160.1 240.1





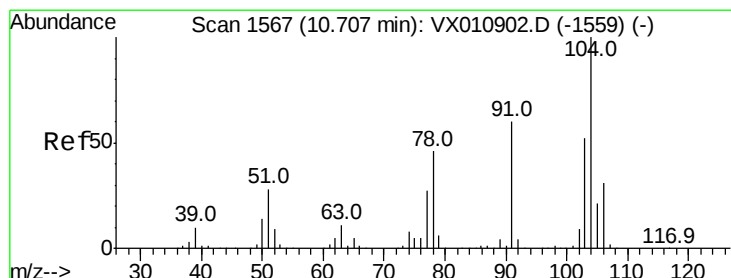
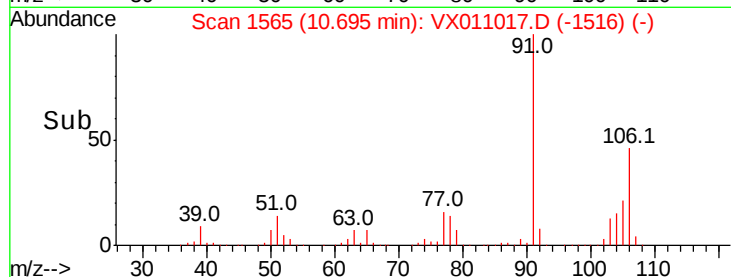
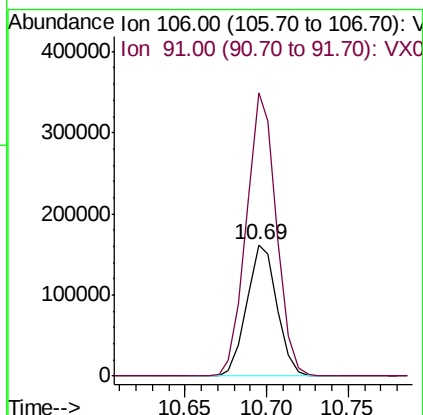
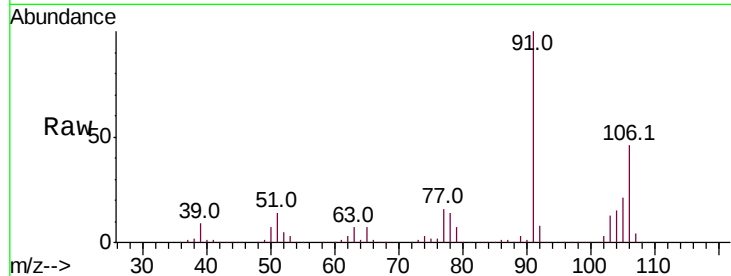
#69
o-Xylene
Concen: 49.394 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	210091		
91	213.4	105.1	315.3	

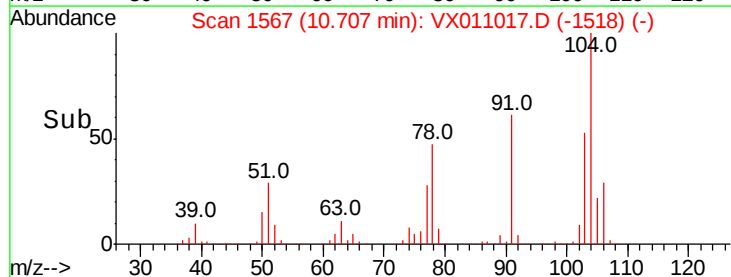
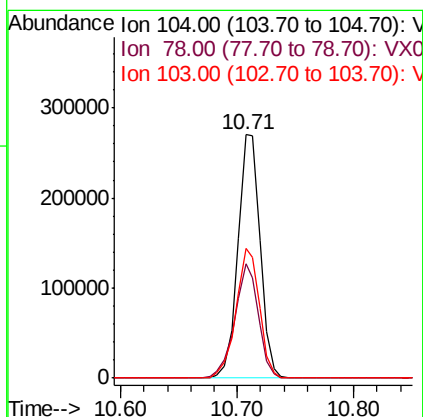
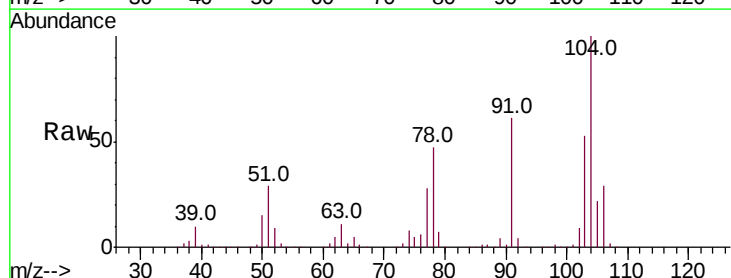
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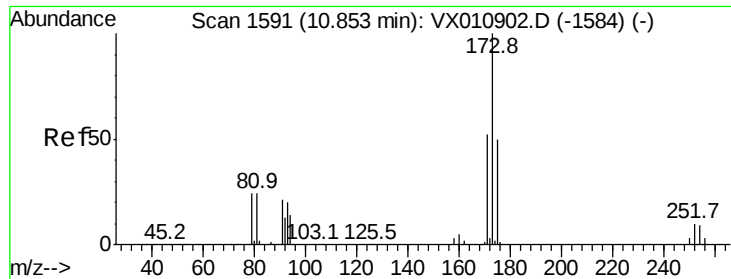
MMDadoda
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#70
Styrene
Concen: 50.772 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	359988		
78	49.6	38.8	58.2	
103	56.2	44.2	66.4	





#71

Bromoform

Concen: 44.803 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 95102

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.6

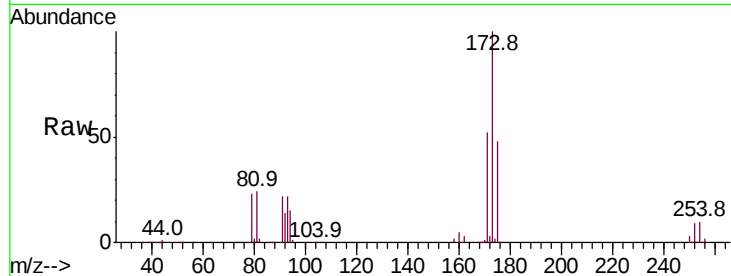
254 0.1 0.1 0.1#

Manual Integrations

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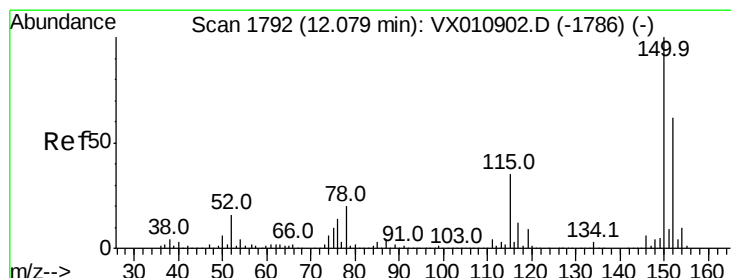
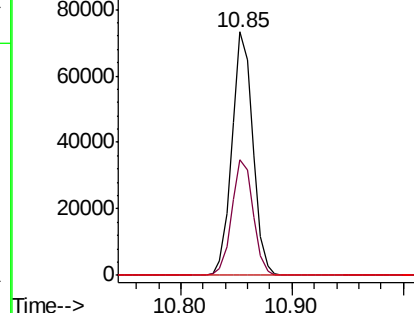
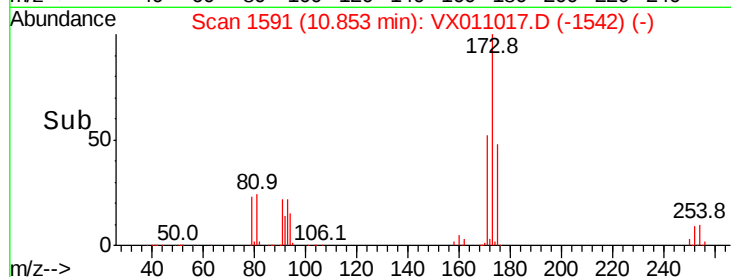
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

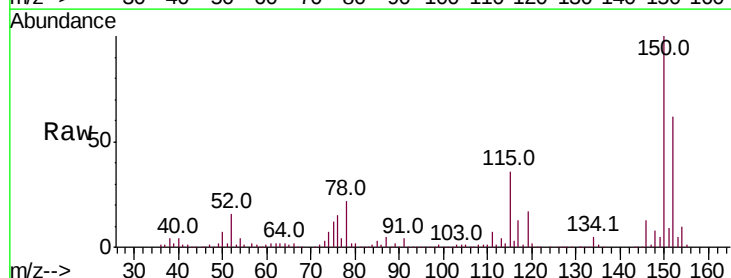
Tgt Ion:152 Resp: 173662

Ion Ratio Lower Upper

152 100

115 80.8 39.7 119.1

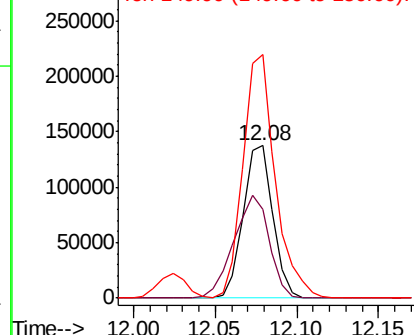
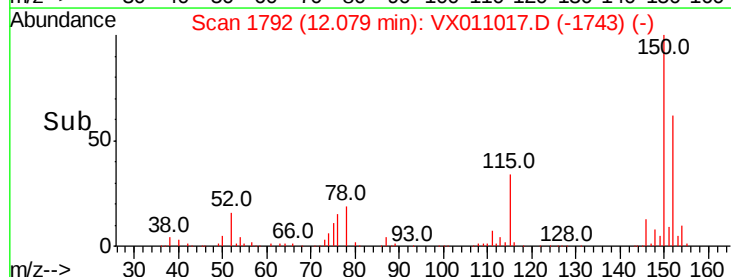
150 173.8 0.0 345.6

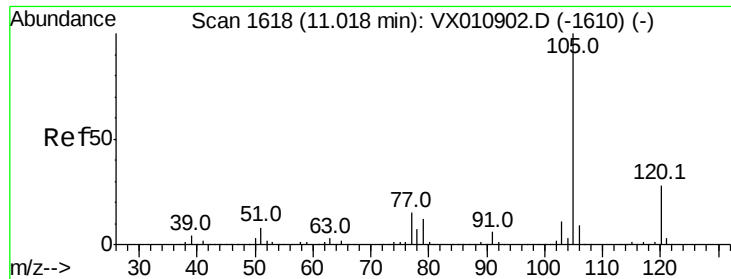


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.315 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 566940

Ion Ratio Lower Upper

105 100

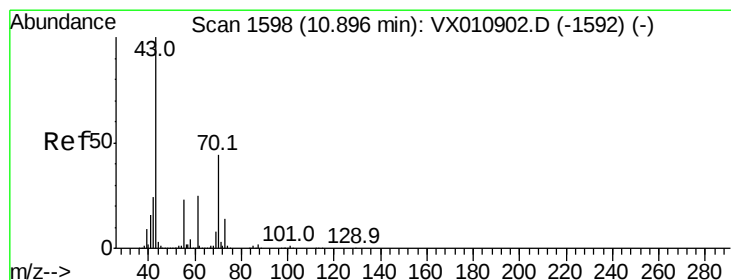
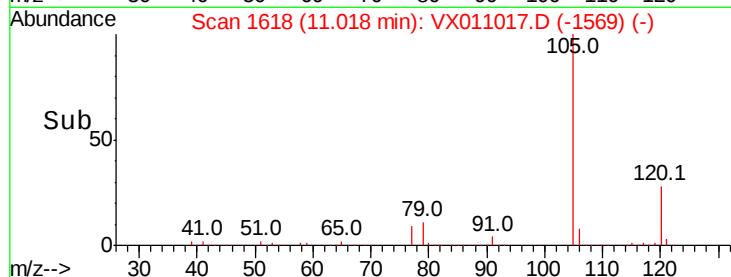
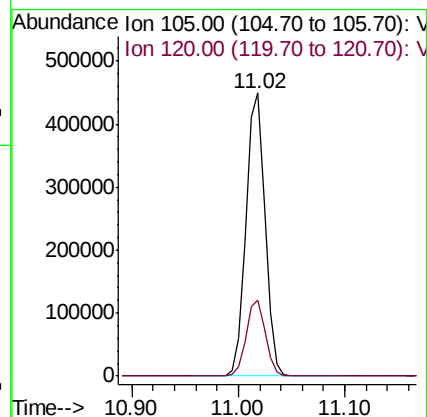
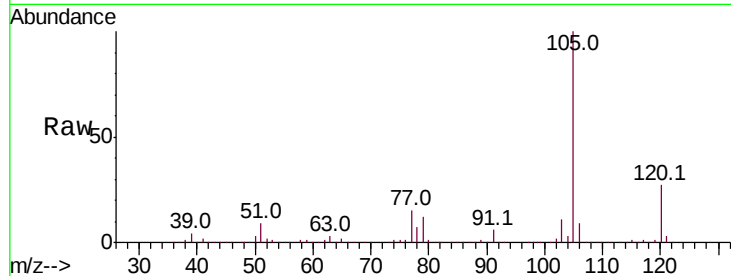
120 27.1 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.063 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion: 43 Resp: 228946

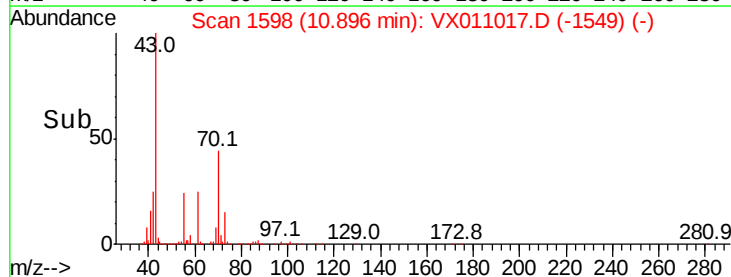
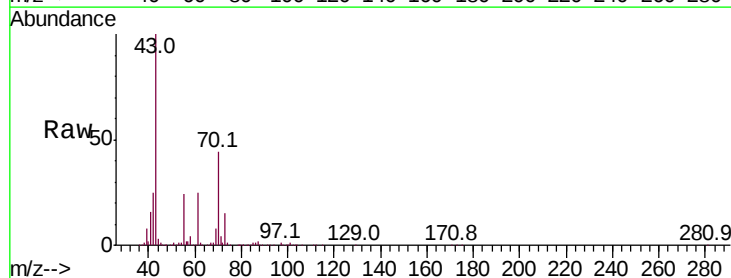
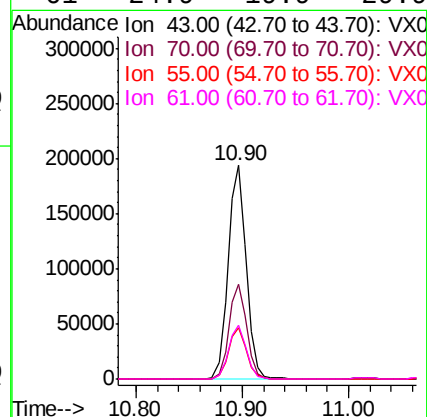
Ion Ratio Lower Upper

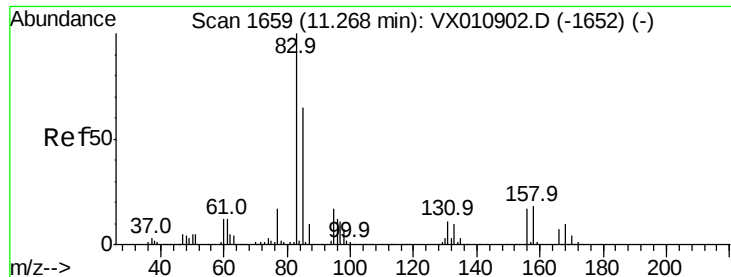
43 100

70 43.8 34.7 52.1

55 24.1 19.1 28.7

61 24.9 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.000 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

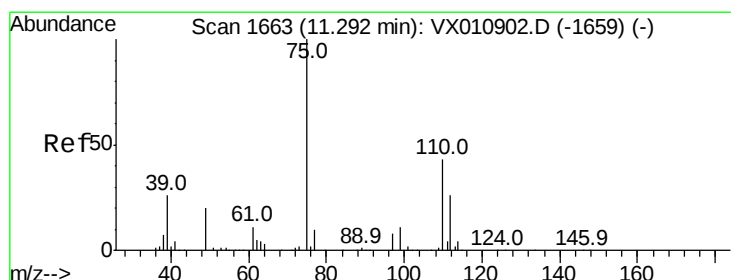
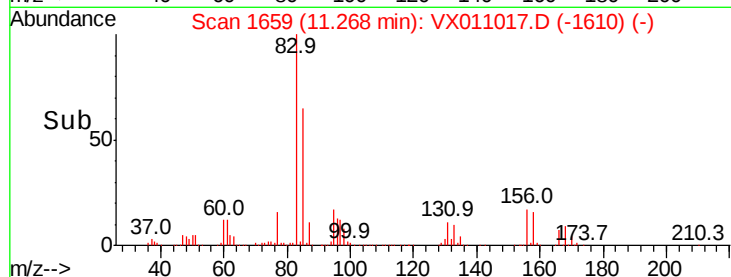
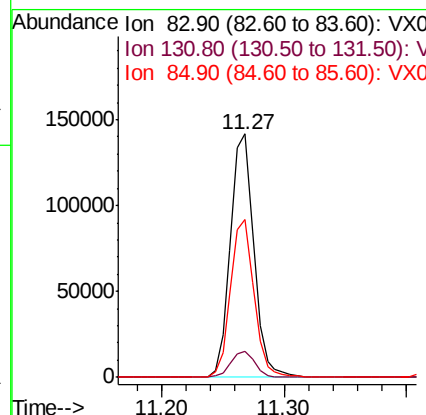
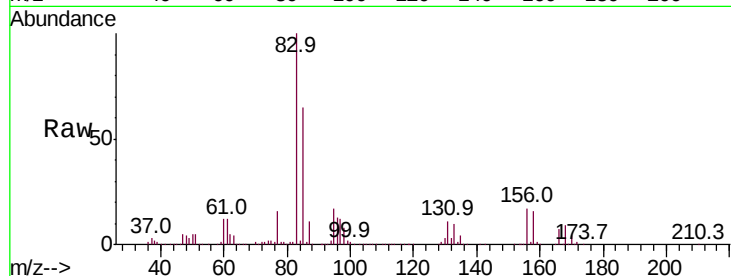
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	188166
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	64.9	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.724 ug/l m

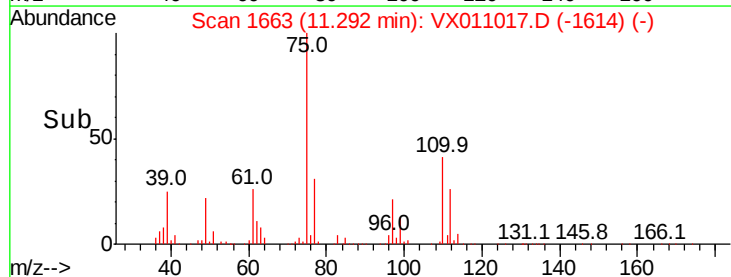
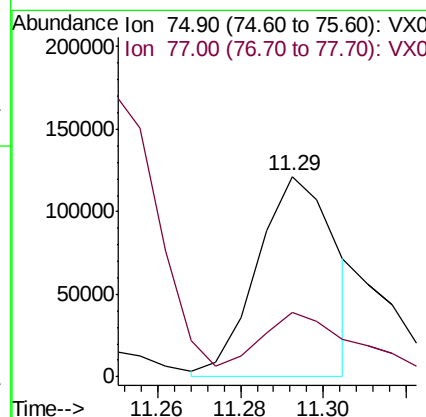
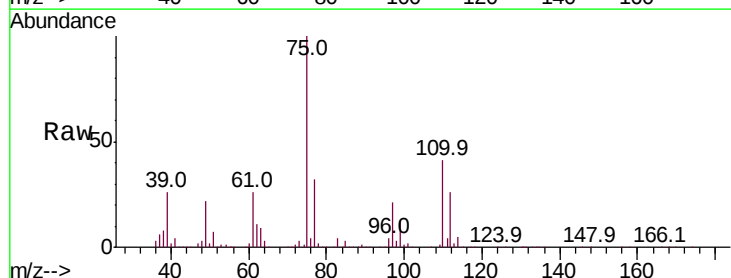
RT: 11.29 min Scan# 1663

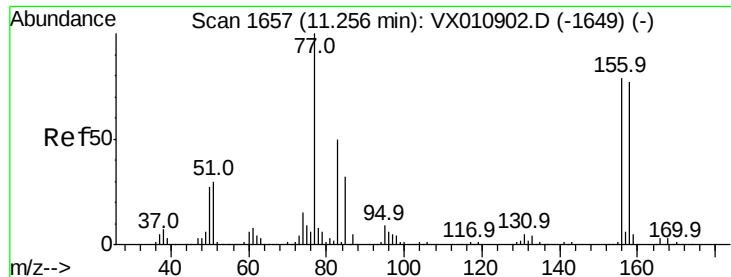
Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Tgt Ion:	75	Resp:	158960
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.3	64.0





#77

Bromobenzene

Concen: 47.756 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 154574

Ion Ratio Lower Upper

156 100

77 139.5 68.7 206.1

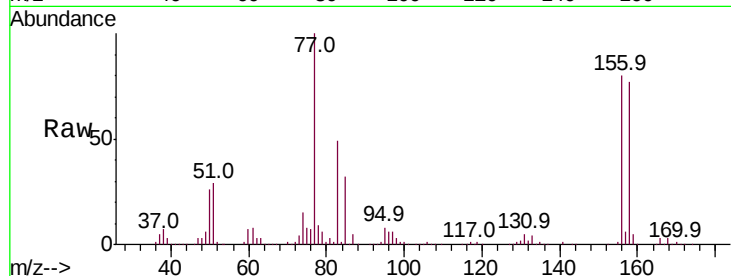
158 97.3 47.9 143.7

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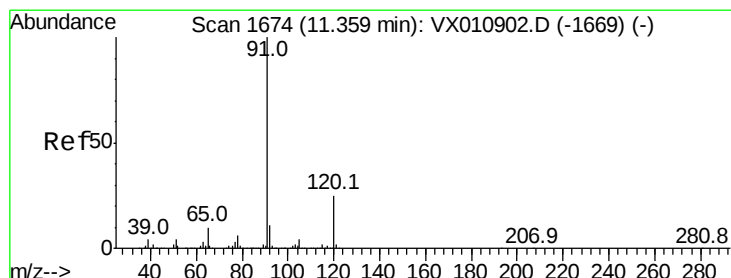
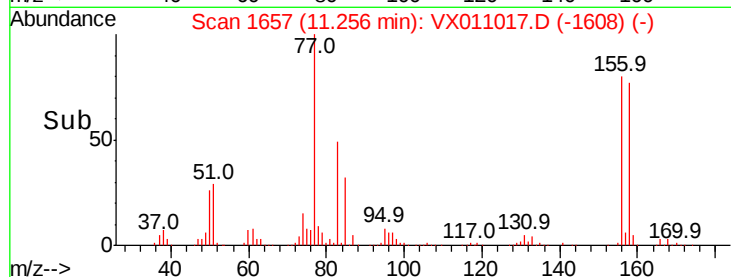
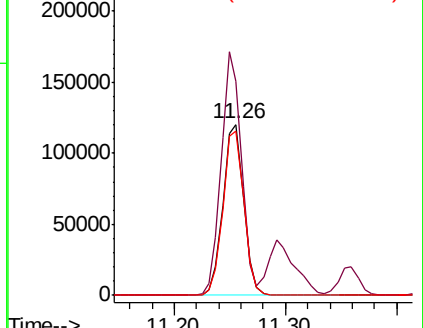
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.248 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011017.D

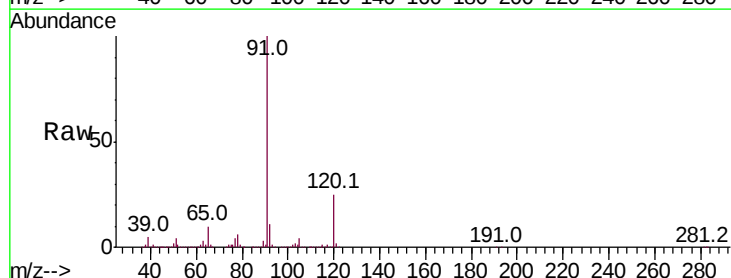
Acq: 19 Jul 2019 20:55

Tgt Ion: 91 Resp: 638520

Ion Ratio Lower Upper

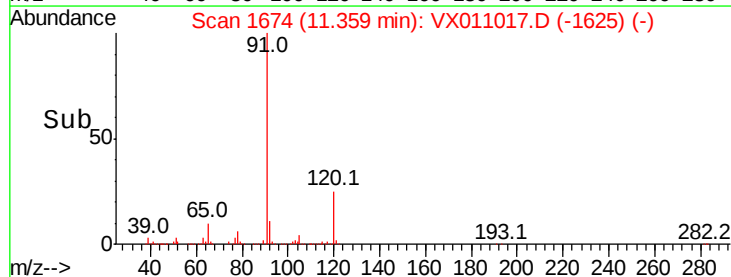
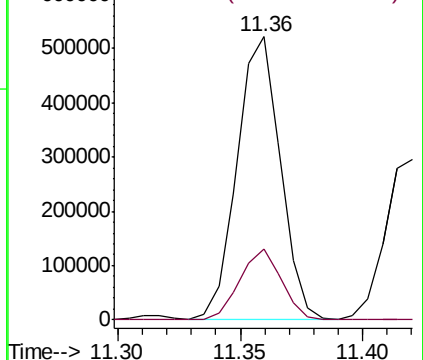
91 100

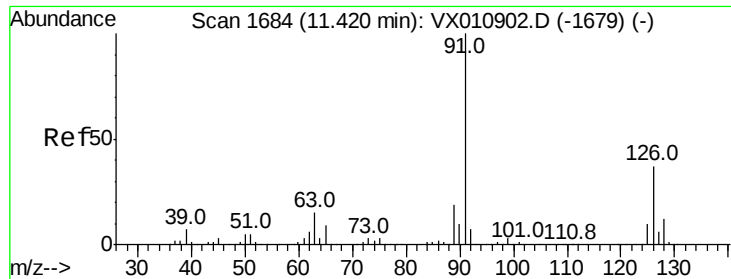
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.171 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 375186

Ion Ratio Lower Upper

91 100

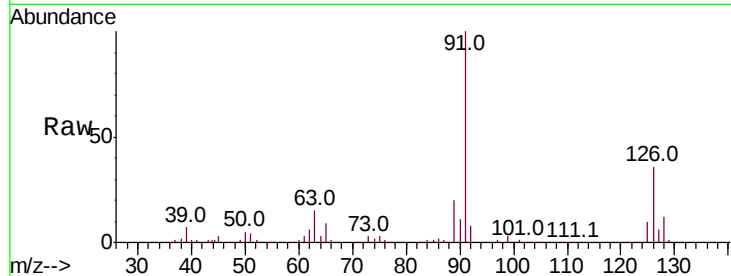
126 36.5 18.0 54.0

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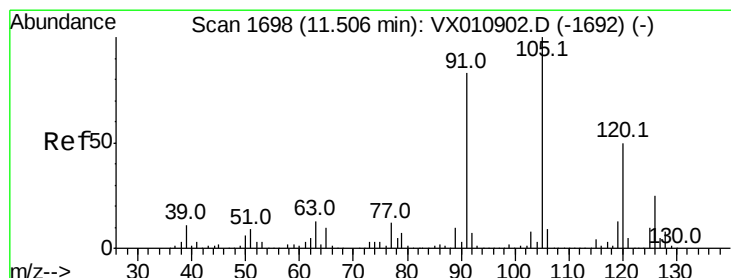
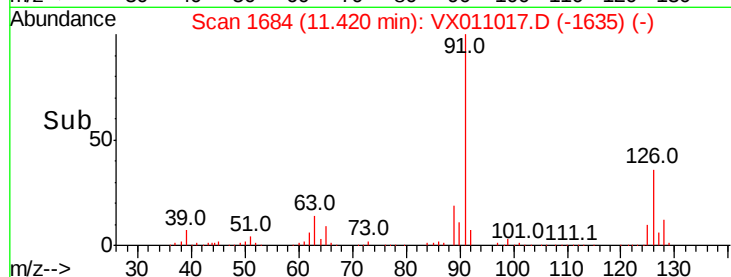
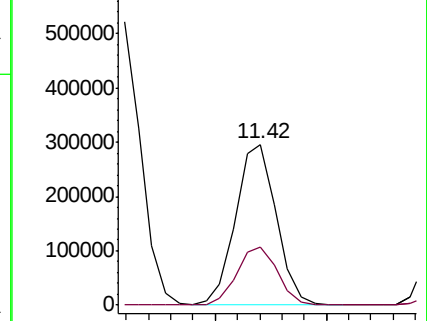
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Abundance Ion 91.00 (90.70 to 91.70): VX011017.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011017.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.428 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011017.D

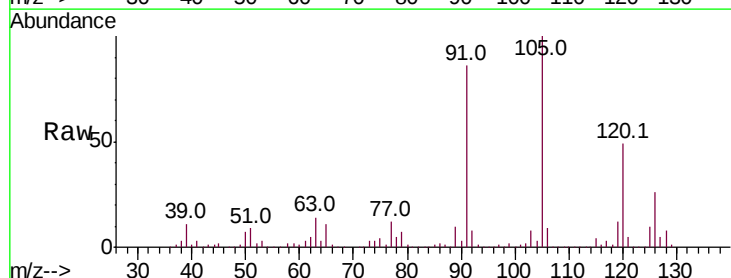
Acq: 19 Jul 2019 20:55

Tgt Ion: 105 Resp: 484652

Ion Ratio Lower Upper

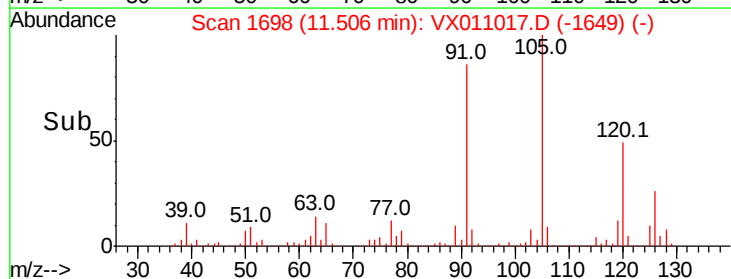
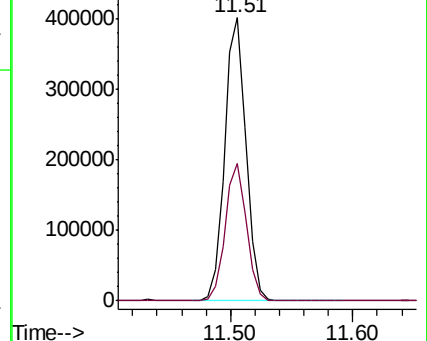
105 100

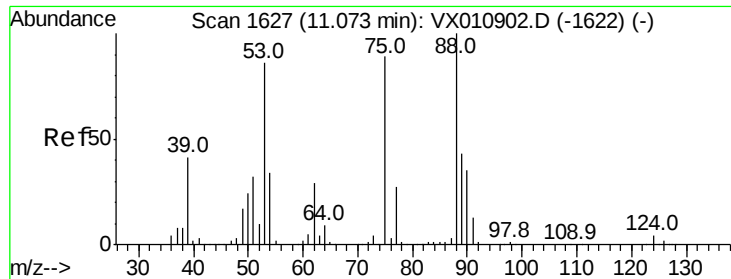
120 48.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011017.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011017.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.736 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 52084

Ion Ratio Lower Upper

75 100

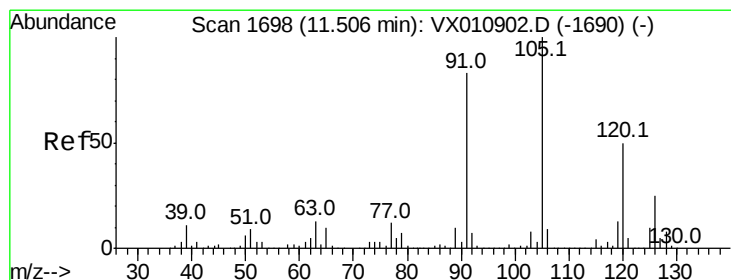
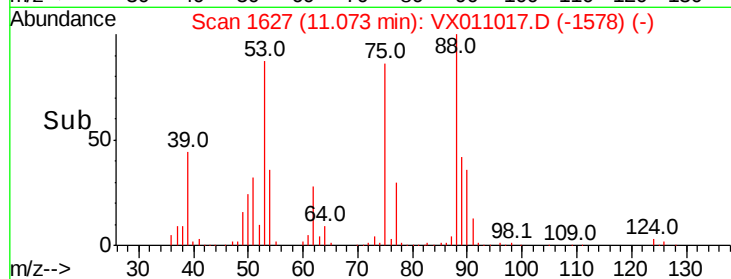
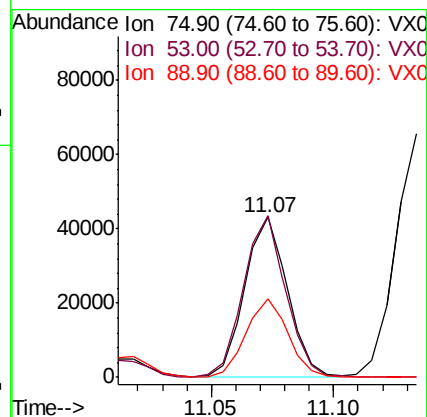
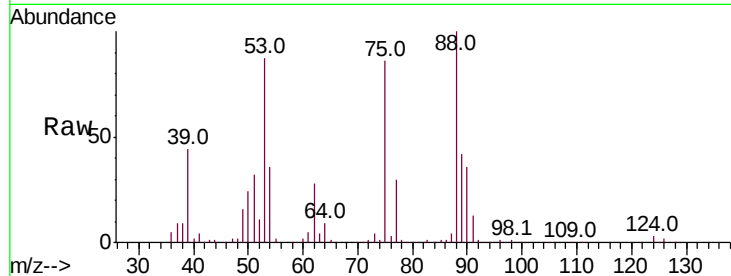
53 100.4 76.7 115.1

89 49.0 38.5 57.7

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#82

4-Chlorotoluene

Concen: 49.114 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011017.D

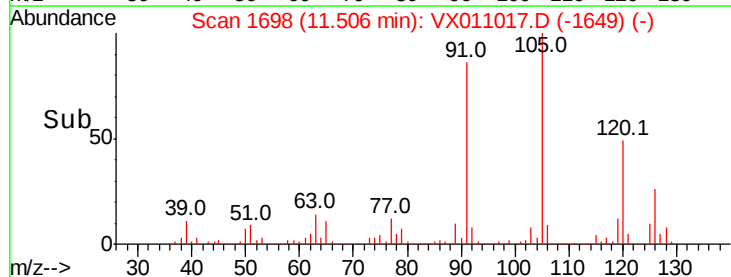
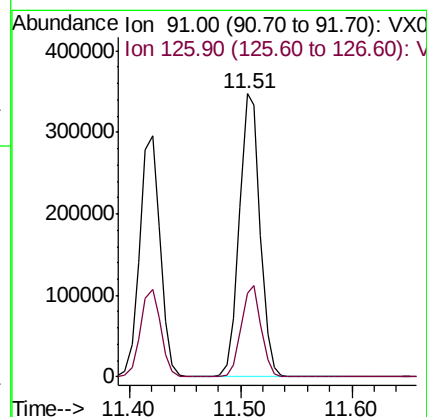
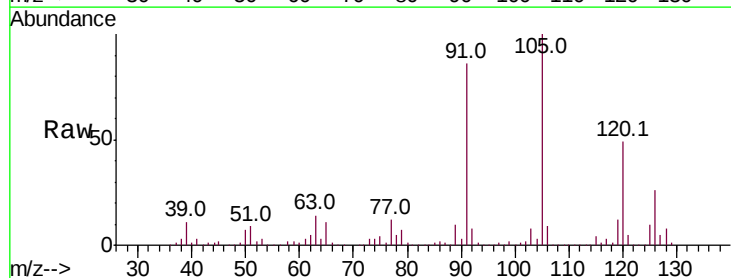
Acq: 19 Jul 2019 20:55

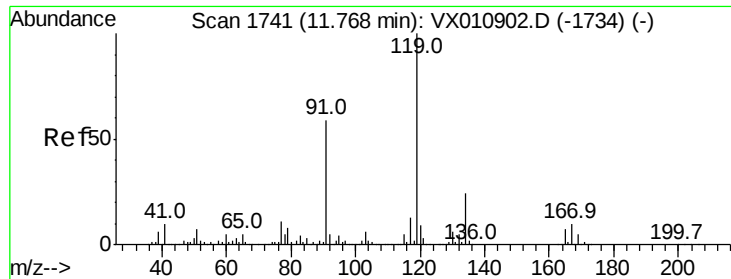
Tgt Ion: 91 Resp: 445223

Ion Ratio Lower Upper

91 100

126 31.3 15.9 47.7





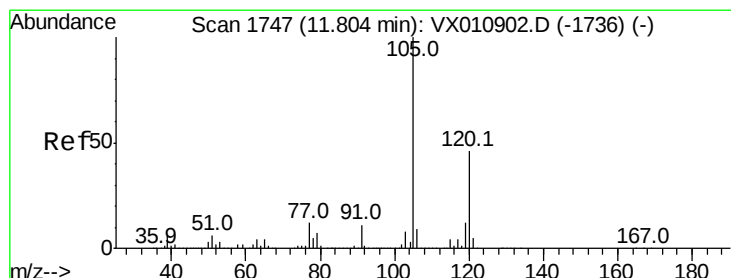
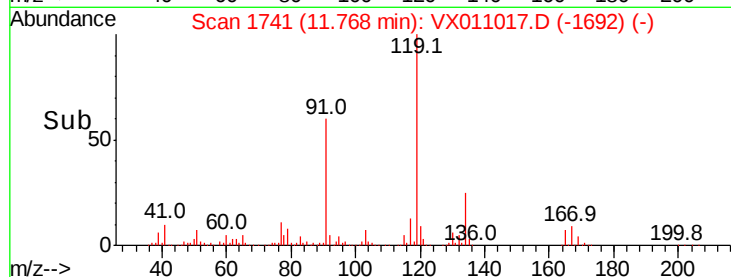
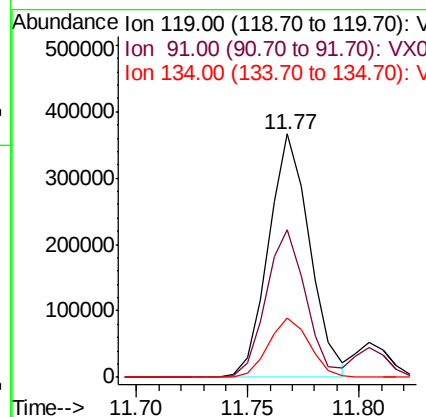
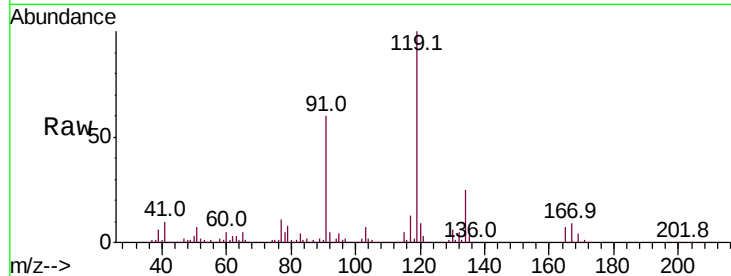
#83
tert-Butylbenzene
Concen: 48.999 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	471919		
91	58.7	28.6	85.8	
134	24.1	11.6	34.8	

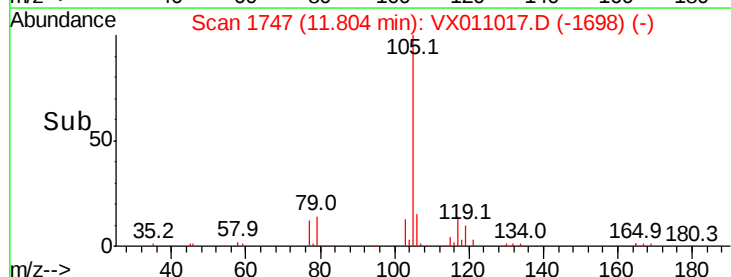
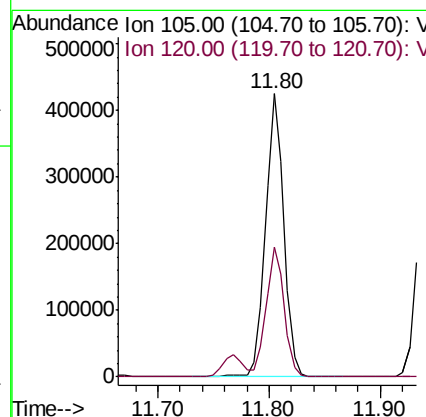
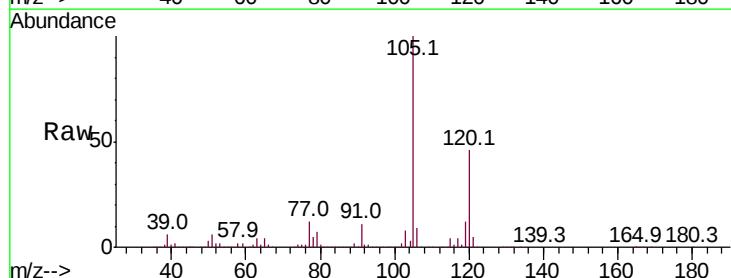
Manual Integrations
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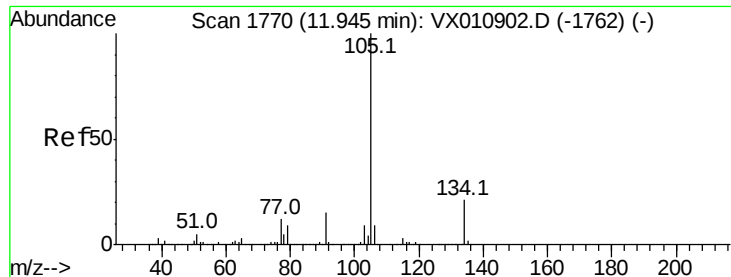
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#84
1,2,4-Trimethylbenzene
Concen: 49.580 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	489985		
120	45.5	22.9	68.5	





#85

sec-Butylbenzene

Concen: 50.066 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 565005

Ion Ratio Lower Upper

105 100

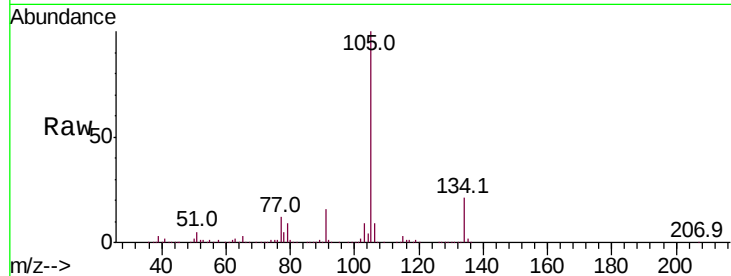
134 20.4 10.4 31.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

500000

400000

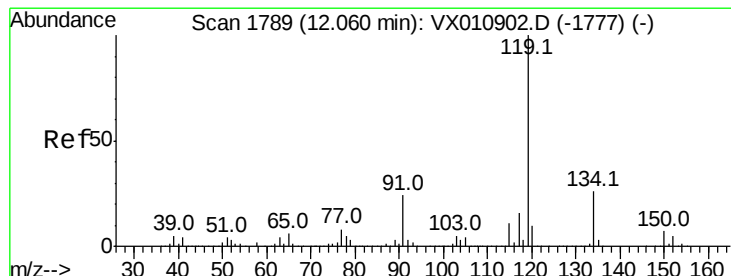
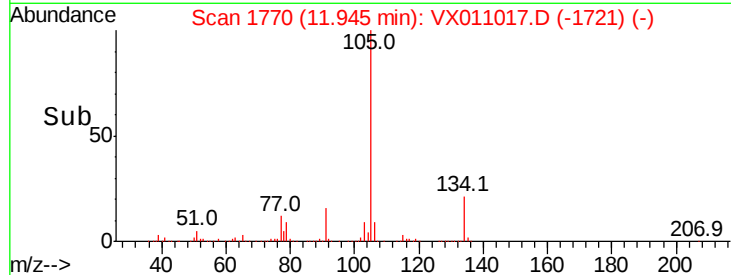
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.818 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011017.D

Acq: 19 Jul 2019 20:55

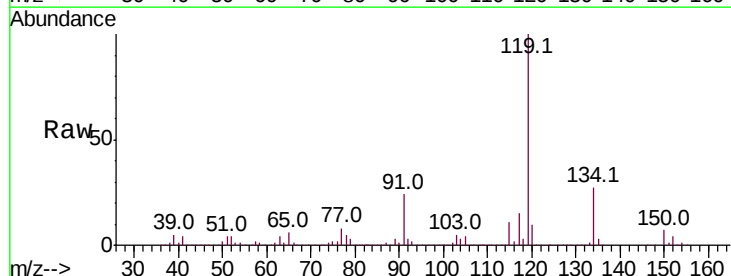
Tgt Ion:119 Resp: 519756

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

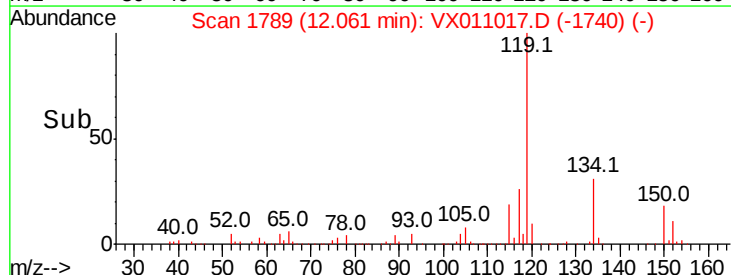
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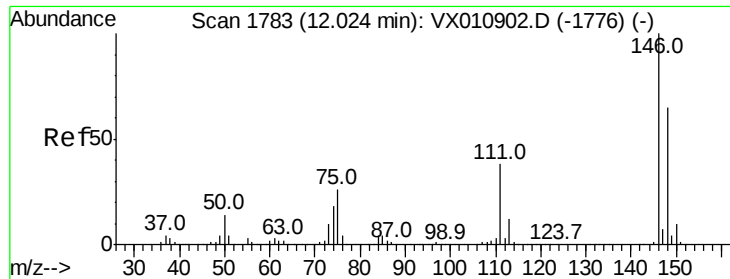
200000

100000

0

Time-->





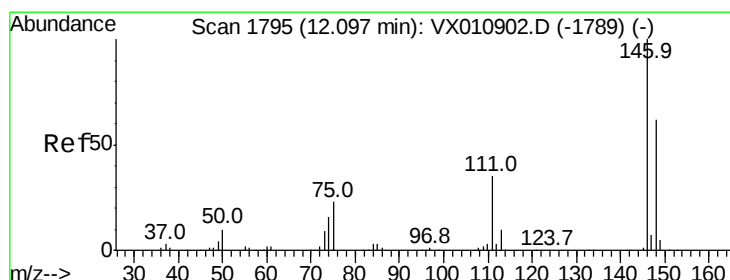
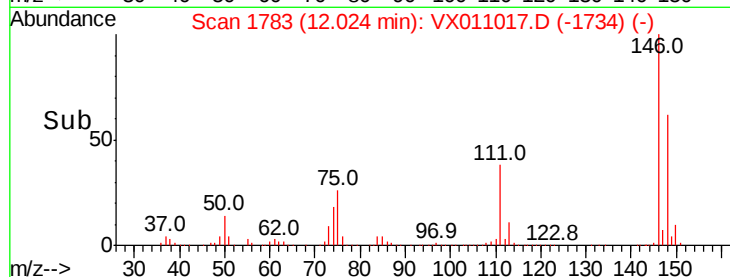
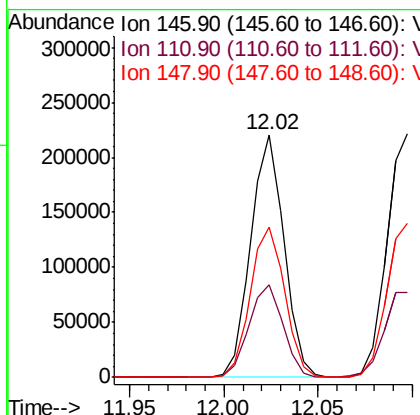
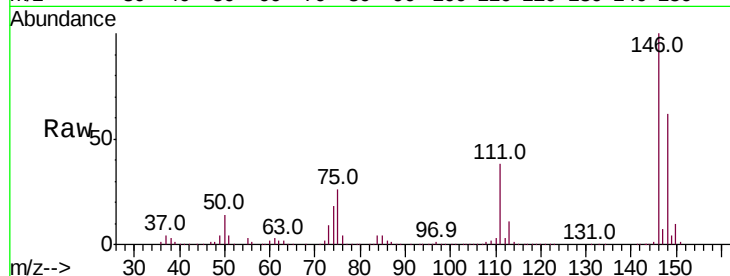
#87
 1,3-Dichlorobenzene
 Concen: 48.350 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.9
148	63.8	32.2	96.6

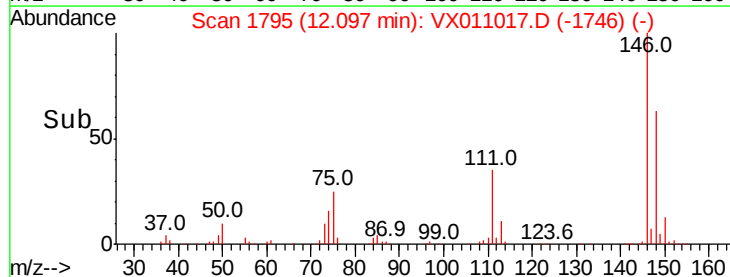
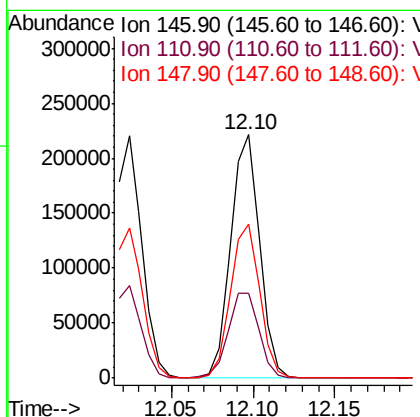
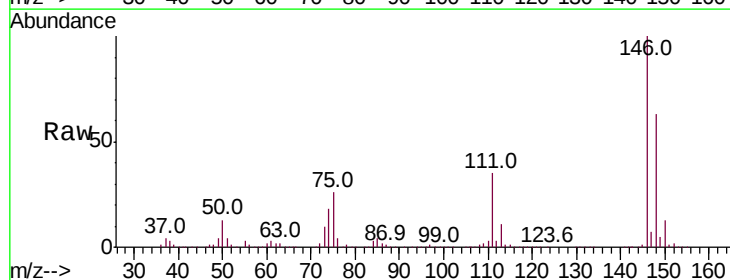
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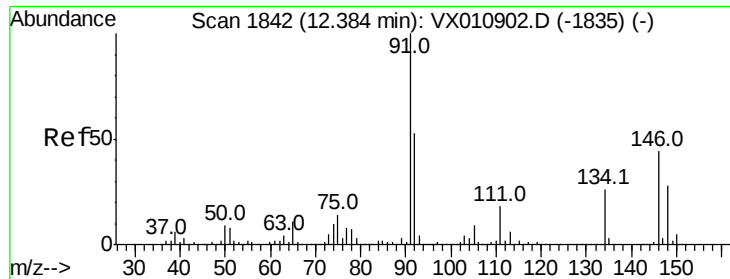
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#88
 1,4-Dichlorobenzene
 Concen: 47.146 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	63.8	31.6	94.7





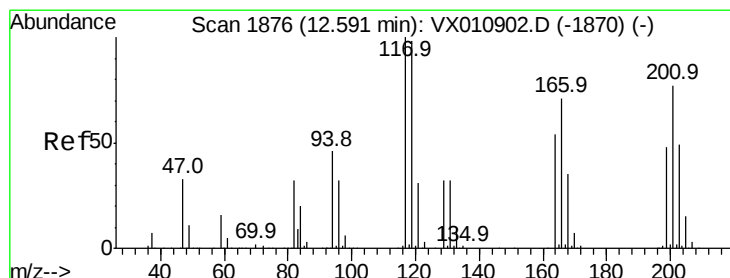
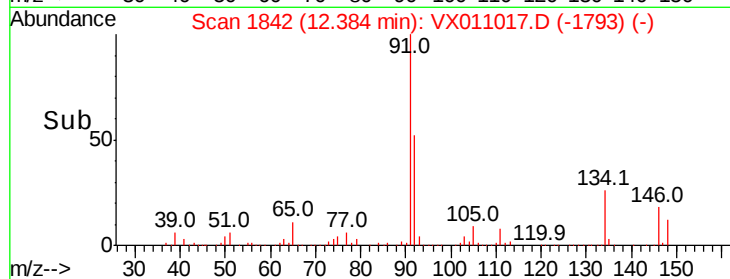
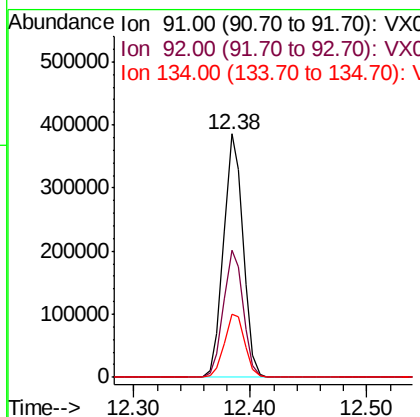
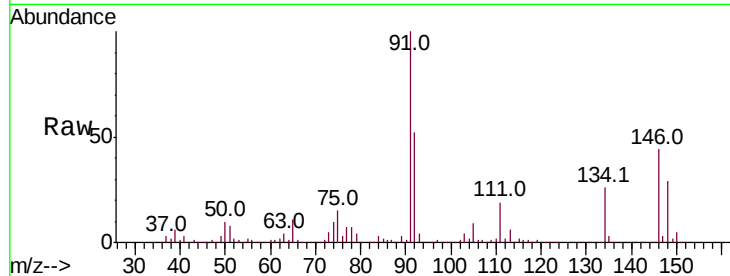
#89
n-Butylbenzene
Concen: 49.999 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.5
134	27.3	13.8	41.3

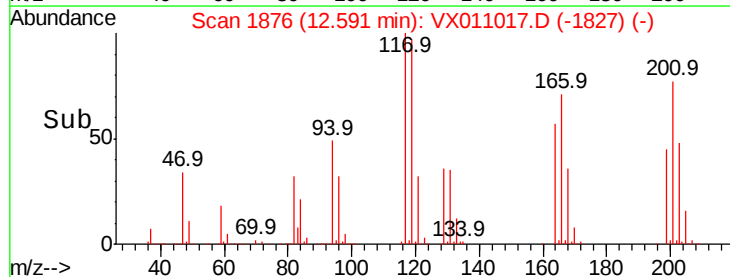
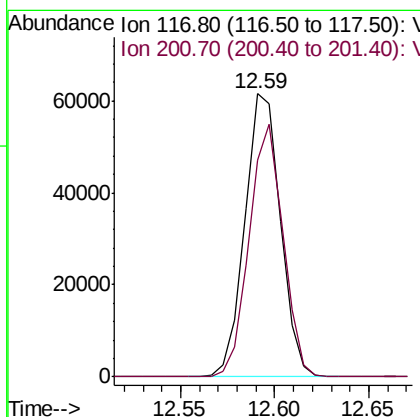
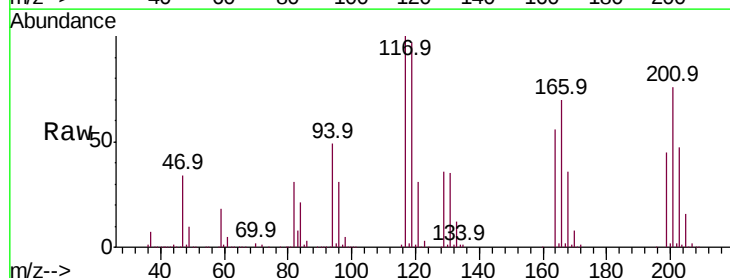
Manual Integrations
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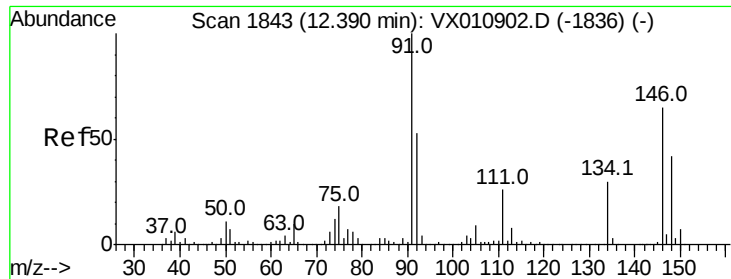
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#90
Hexachloroethane
Concen: 49.141 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	43.3	129.8





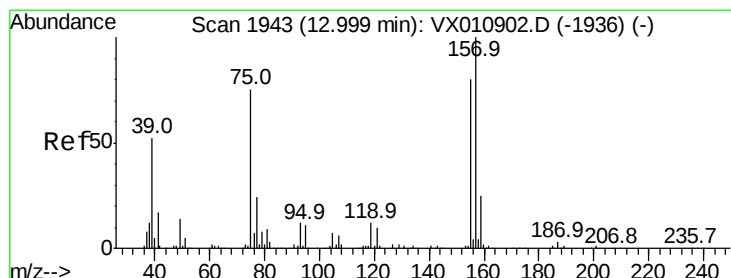
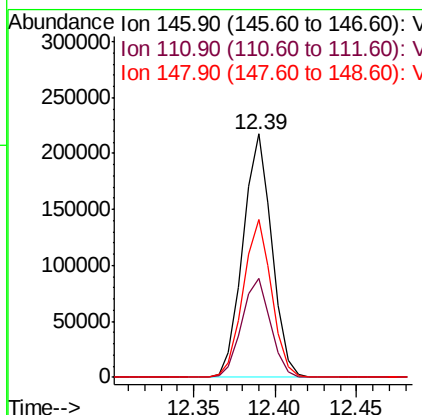
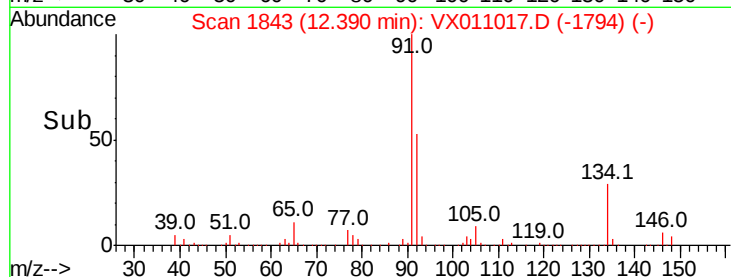
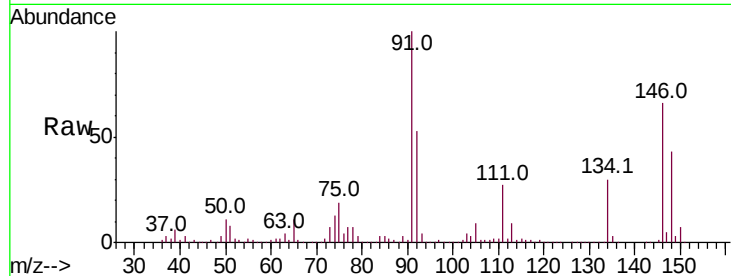
#91
 1,2-Dichlorobenzene
 Concen: 48.203 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.7
148	63.8	32.0	96.2

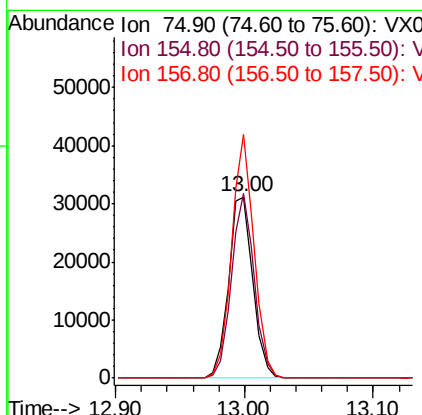
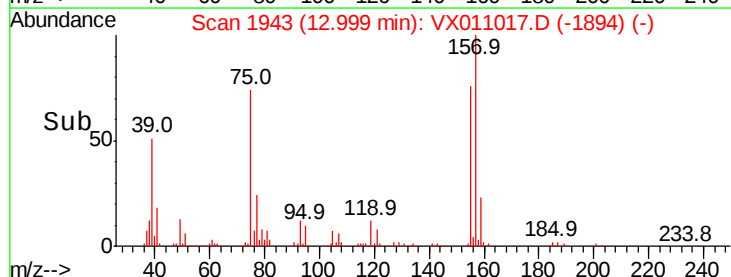
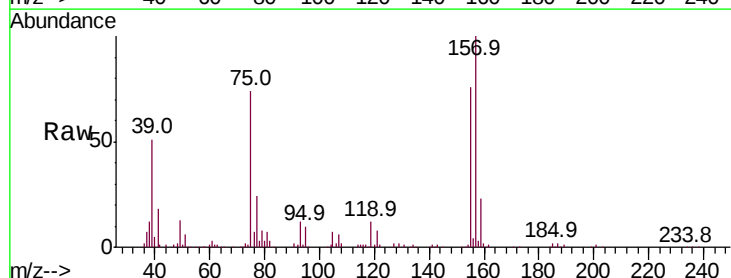
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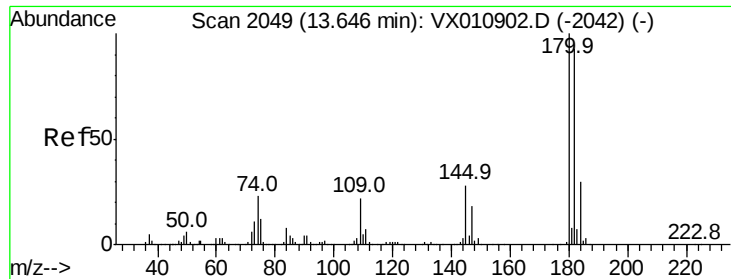
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.309 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	48.7	146.1
157	123.1	62.5	187.6





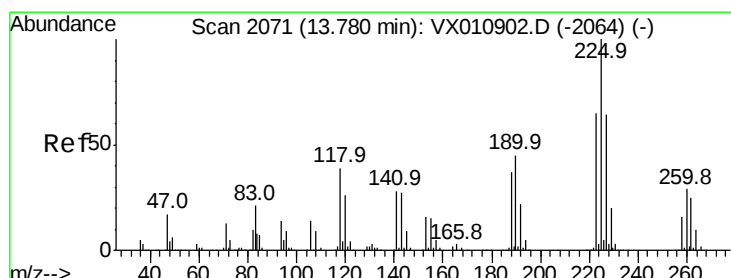
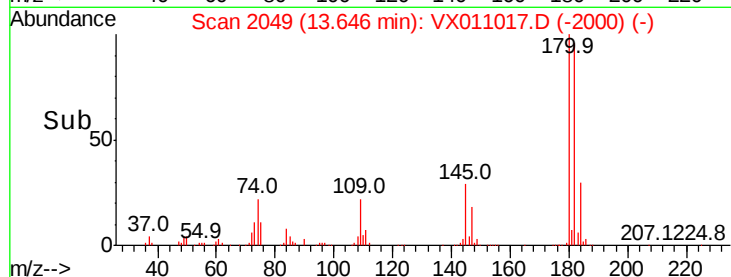
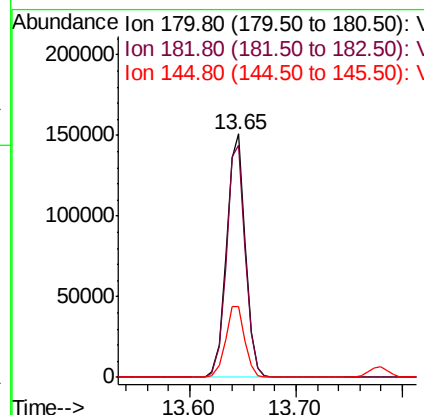
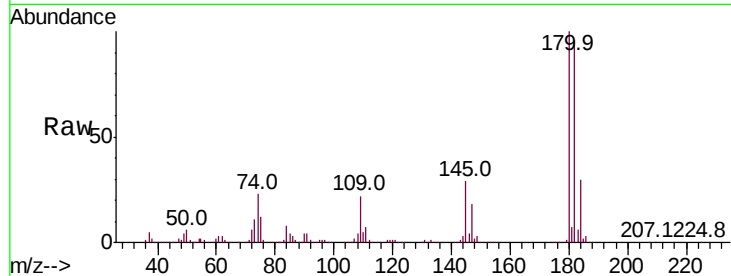
#93
 1,2,4-Trichlorobenzene
 Concen: 48.957 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	184704
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.1	141.3
145	30.2	14.8	44.4

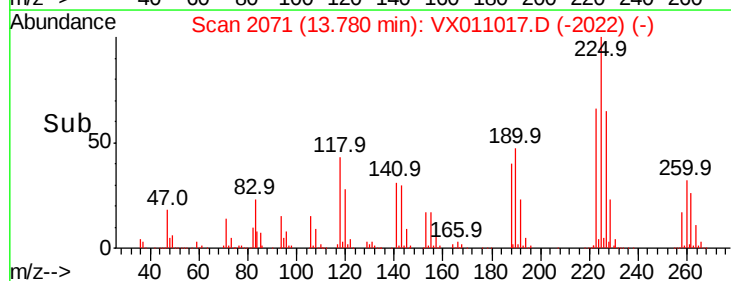
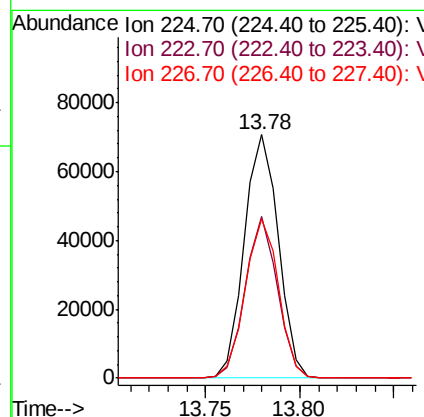
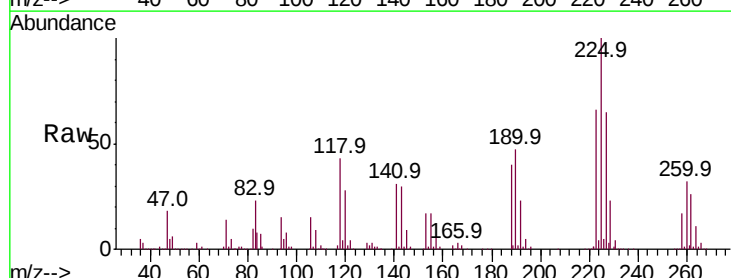
Manual Integrations
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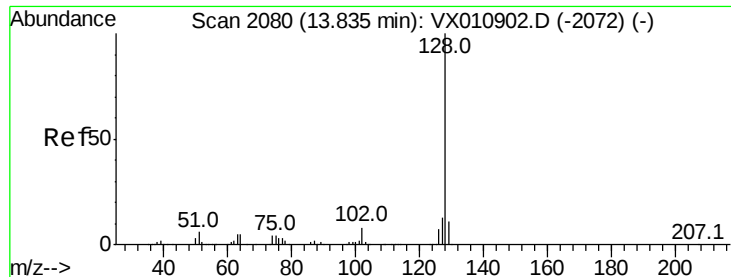
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#94
 Hexachlorobutadiene
 Concen: 47.372 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011017.D
 Acq: 19 Jul 2019 20:55

Tgt Ion:	225	Resp:	88567
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.9	95.9
227	64.2	32.5	97.4





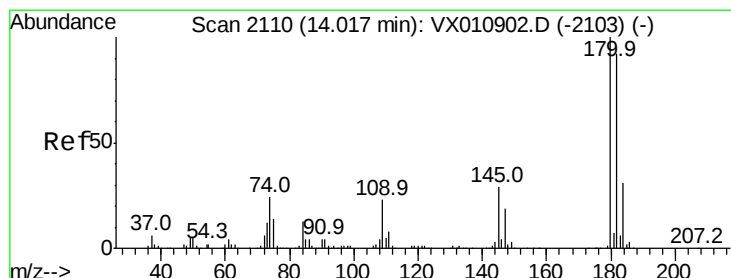
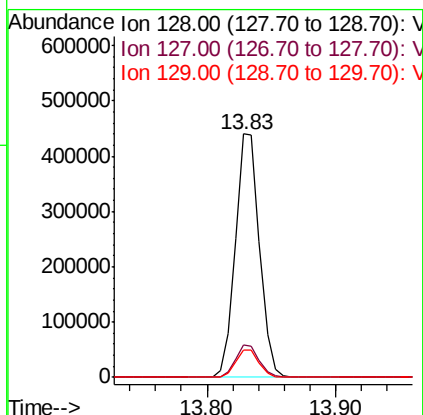
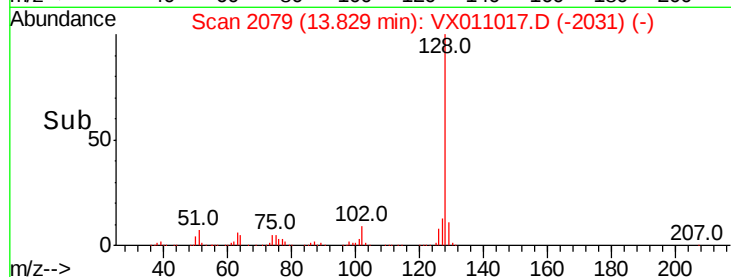
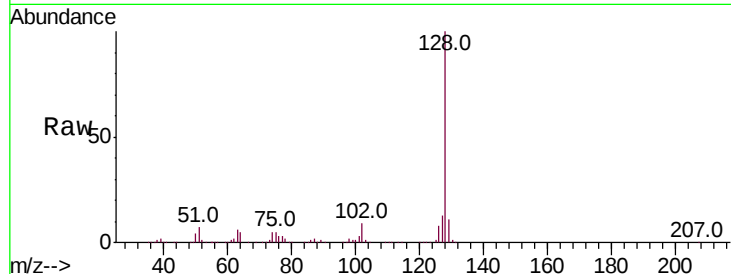
#95
Naphthalene
Concen: 51.481 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.199 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011017.D
Acq: 19 Jul 2019 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	32.2	15.1	45.3

