

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010921.D
 Acq On : 16 Jul 2019 20:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:23:24 PM

Quant Time: Jul 17 05:51:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358521	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	173655	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	122333	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
35) Dibromofluoromethane	5.50	113	107415	47.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.40%	
50) Toluene-d8	8.71	98	403151	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
62) 4-Bromofluorobenzene	11.13	95	153917	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	133368	53.380	ug/l	99
3) Chloromethane	1.32	50	114661	53.252	ug/l	97
4) Vinyl Chloride	1.41	62	119278	54.310	ug/l	99
5) Bromomethane	1.64	94	61901	50.016	ug/l	99
6) Chloroethane	1.71	64	70285	50.359	ug/l	96
7) Trichlorofluoromethane	1.93	101	193690	52.100	ug/l	99
8) Diethyl Ether	2.19	74	64427	50.298	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107985	50.871	ug/l	99
10) Methyl Iodide	2.51	142	145589	52.265	ug/l	100
11) Tert butyl alcohol	3.05	59	149657	257.978	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108830	52.182	ug/l	97
13) Acrolein	2.29	56	78024	232.789	ug/l	98
14) Allyl chloride	2.73	41	159566	52.673	ug/l	99
15) Acrylonitrile	3.14	53	300462	256.316	ug/l	99
16) Acetone	2.45	43	255266	226.898	ug/l	98
17) Carbon Disulfide	2.57	76	283523	52.997	ug/l	99
18) Methyl Acetate	2.78	43	127810	49.892	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	357770	53.288	ug/l	99
20) Methylene Chloride	2.85	84	121019	50.759	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	113093	51.106	ug/l	100
22) Diisopropyl ether	3.85	45	330842	51.782	ug/l	97
23) Vinyl Acetate	3.81	43	1476429	272.731	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192897	51.986	ug/l	99
25) 2-Butanone	4.67	43	417607	258.586	ug/l	98
26) 2,2-Dichloropropane	4.59	77	142563	46.793	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	133387	52.083	ug/l	97
28) Bromochloromethane	5.01	49	81451	46.583	ug/l	99
29) Tetrahydrofuran	5.13	42	268039	262.018	ug/l	100
30) Chloroform	5.21	83	208362	51.952	ug/l	100
31) Cyclohexane	5.58	56	175572	51.912	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	185732	53.527	ug/l	100
36) 1,1-Dichloropropene	5.80	75	150117	50.975	ug/l	99
37) Ethyl Acetate	4.83	43	156673	51.956	ug/l	99
38) Carbon Tetrachloride	5.79	117	164067	53.464	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	193888	50.769	ug/l	99
40) Benzene	6.14	78	456745	50.632	ug/l	100
41) Methacrylonitrile	5.04	41	87249	50.968	ug/l	96
42) 1,2-Dichloroethane	6.19	62	162528	51.818	ug/l	99
43) Isopropyl Acetate	6.44	43	261624	52.764	ug/l	99
44) Trichloroethene	7.21	130	132174	49.499	ug/l	94
45) 1,2-Dichloropropane	7.51	63	115482	50.297	ug/l	99
46) Dibromomethane	7.66	93	84664	51.604	ug/l	99
47) Bromodichloromethane	7.90	83	155542	53.259	ug/l	97
48) Methyl methacrylate	7.77	41	128529	53.210	ug/l	97
49) 1,4-Dioxane	7.74	88	66422	983.053	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	844961	262.881	ug/l	100
52) Toluene	8.78	92	297258	50.161	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	168539	53.671	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	182736	52.296	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	124460	51.007	ug/l	98
56) Ethyl methacrylate	9.18	69	193555	54.229	ug/l	99
57) 1,3-Dichloropropane	9.37	76	195861	50.599	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	453314	266.060	ug/l	100
59) 2-Hexanone	9.49	43	657383	263.690	ug/l	100
60) Dibromochloromethane	9.58	129	136452	48.662	ug/l	100
61) 1,2-Dibromoethane	9.67	107	134659	52.001	ug/l	99
64) Tetrachloroethene	9.34	164	123961	47.771	ug/l	98
65) Chlorobenzene	10.13	112	336261	49.634	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	126256	53.025	ug/l	99
67) Ethyl Benzene	10.25	91	596128	51.695	ug/l	99
68) m/p-Xylenes	10.36	106	456263	103.147	ug/l	100
69) o-Xylene	10.69	106	219625	50.874	ug/l	97
70) Styrene	10.71	104	380539	52.878	ug/l	99
71) Bromoform	10.85	173	104210	48.166	ug/l #	99
73) Isopropylbenzene	11.02	105	591741	50.430	ug/l	100
74) N-amyl acetate	10.90	43	237772	53.034	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	194958	50.771	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	164577m	52.518	ug/l	
77) Bromobenzene	11.26	156	161188	49.802	ug/l	97
78) n-propylbenzene	11.36	91	667017	51.448	ug/l	99
79) 2-Chlorotoluene	11.42	91	396562	50.918	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	502636	51.264	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57045	46.429	ug/l	97
82) 4-Chlorotoluene	11.51	91	463587	51.142	ug/l	100
83) tert-Butylbenzene	11.77	119	494679	51.364	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	515844	52.199	ug/l	100
85) sec-Butylbenzene	11.94	105	583868	51.740	ug/l	99
86) p-Isopropyltoluene	12.06	119	541219	51.877	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	284113	50.582	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285330	49.531	ug/l	100
89) n-Butylbenzene	12.38	91	463523	51.933	ug/l	100
90) Hexachloroethane	12.59	117	89207	54.212	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	280997	50.478	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43714	54.460	ug/l	96

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VSTDCCC050EC

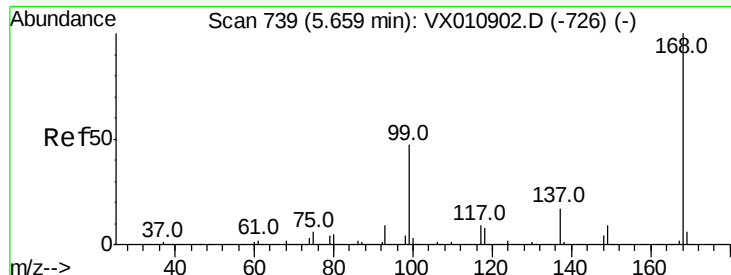
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jul 17 04:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	190590	50.519	ug/l	99
94) Hexachlorobutadiene	13.78	225	90814	48.576	ug/l	100
95) Naphthalene	13.83	128	595288	53.435	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	188567	50.235	ug/l	98

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



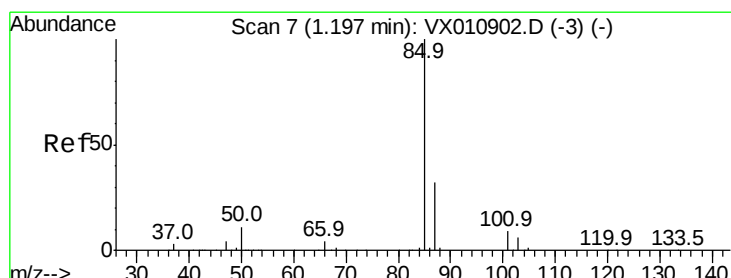
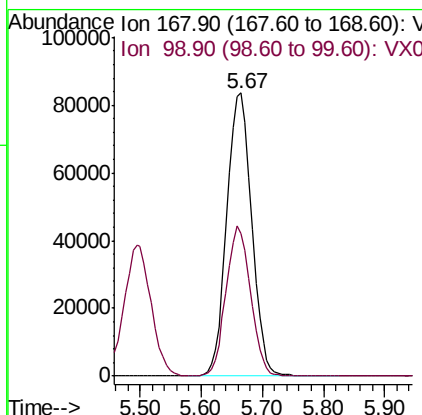
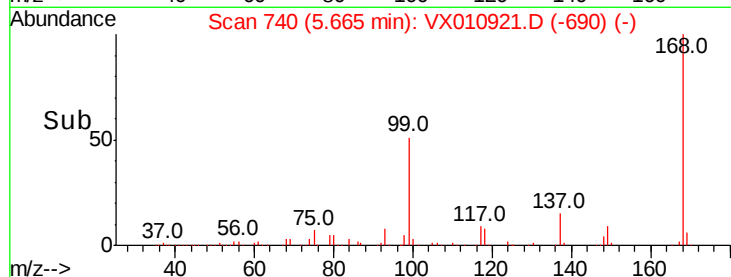
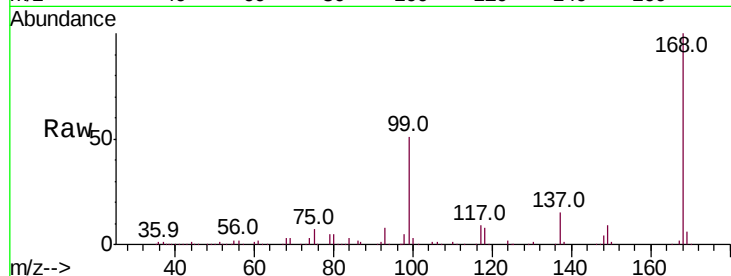
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.4	37.6	56.4

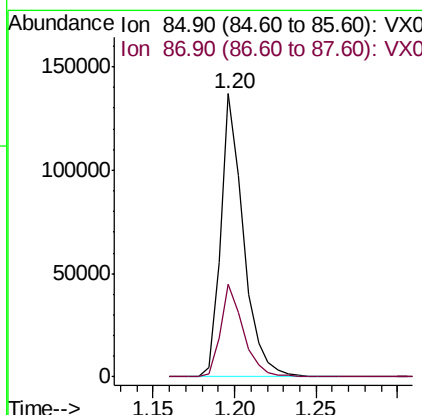
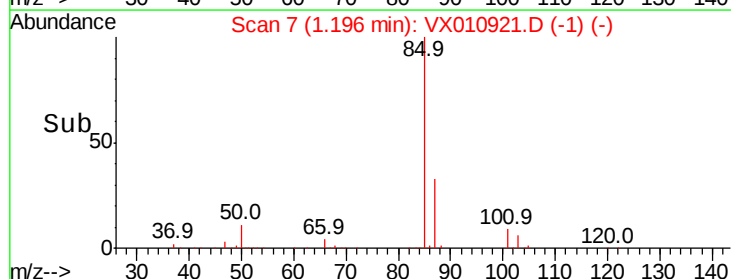
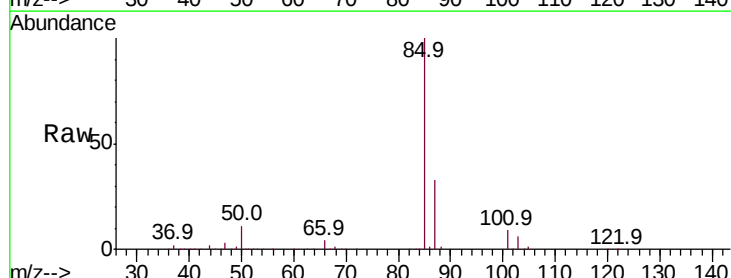
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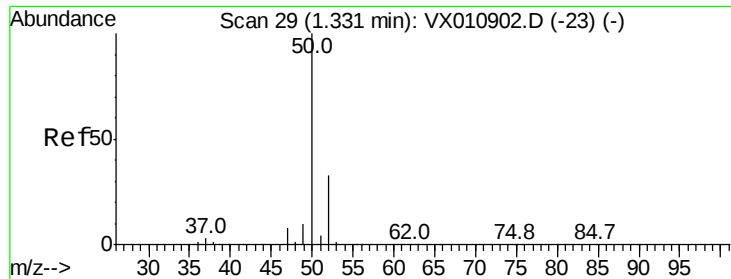
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#2
Dichlorodifluoromethane
Concen: 53.380 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.9	47.7





#3

Chloromethane

Concen: 53.252 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 114661

Ion Ratio Lower Upper

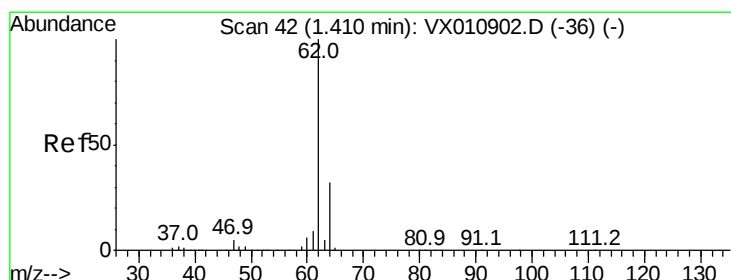
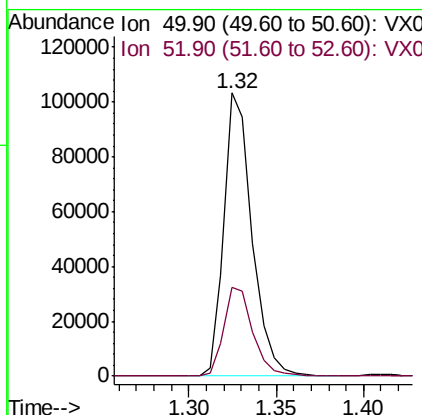
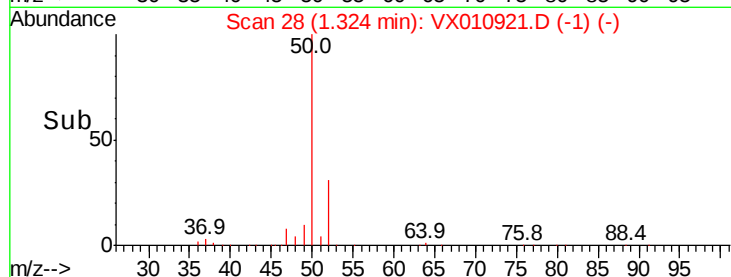
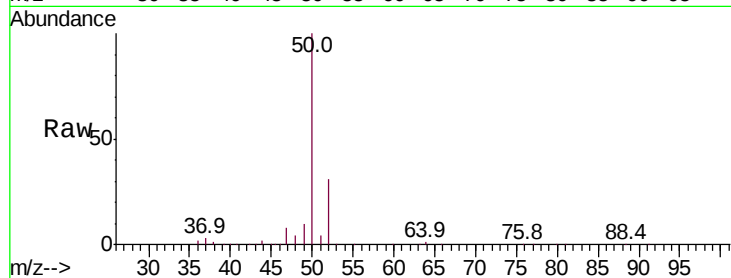
50 100

52 31.2 26.4 39.6

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#4

Vinyl Chloride

Concen: 54.310 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010921.D

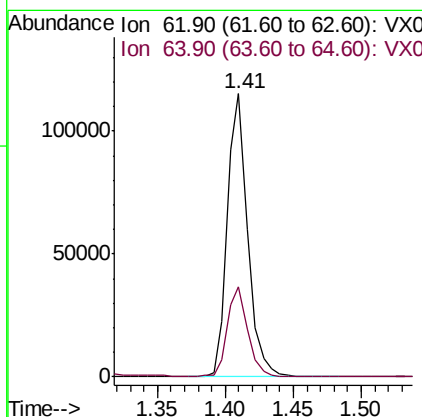
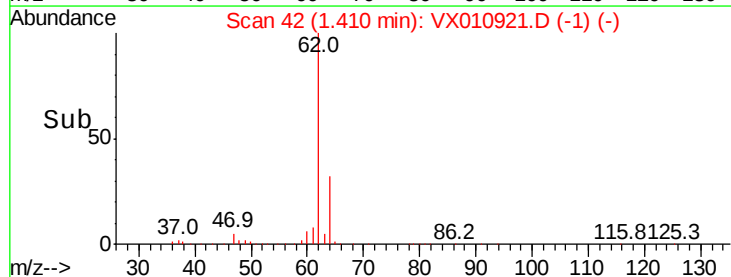
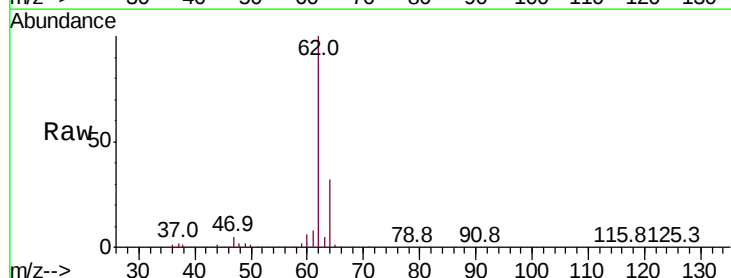
Acq: 16 Jul 2019 20:58

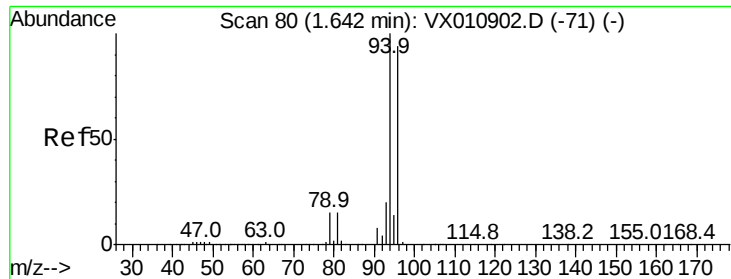
Tgt Ion: 62 Resp: 119278

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 50.016 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 61901

Ion Ratio Lower Upper

94 100

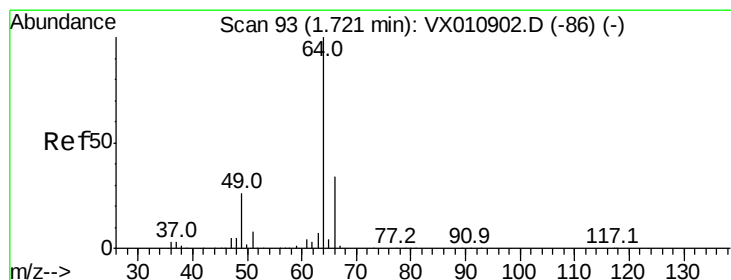
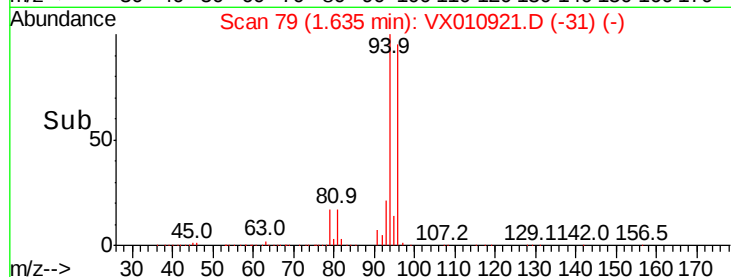
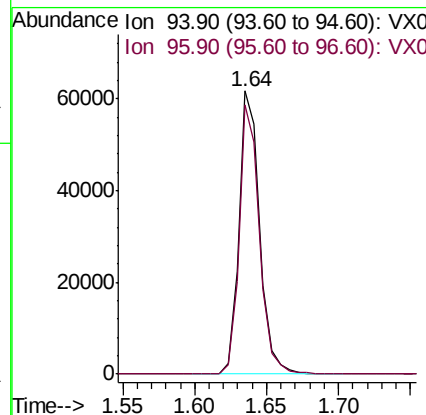
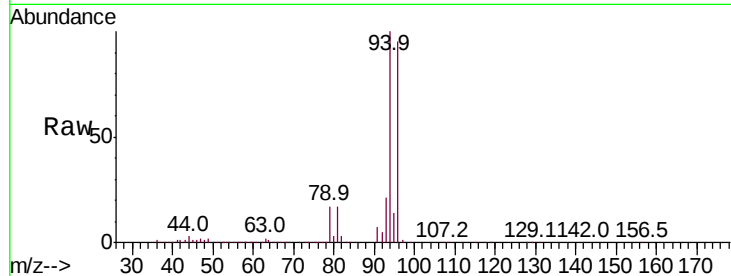
96 95.3 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 50.359 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX010921.D

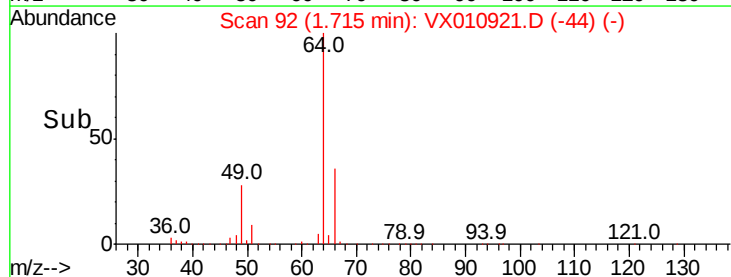
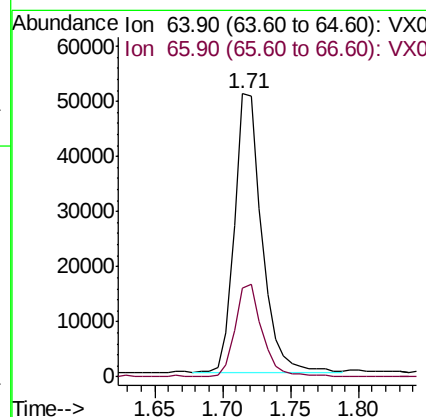
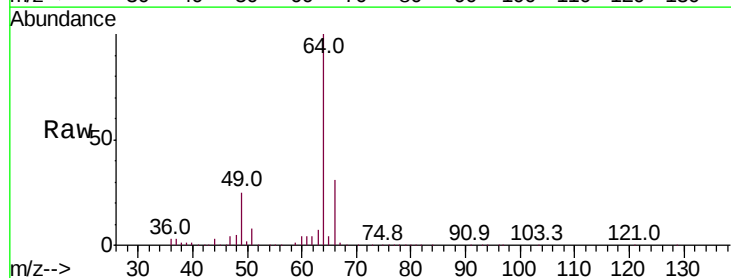
Acq: 16 Jul 2019 20:58

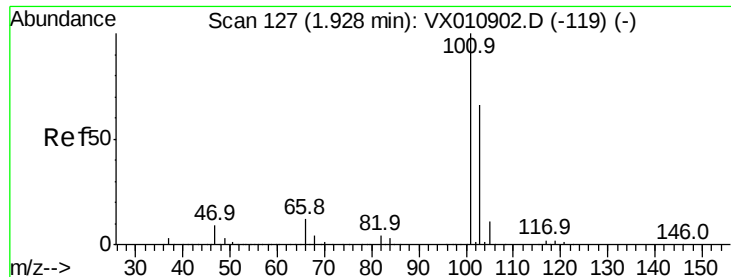
Tgt Ion: 64 Resp: 70285

Ion Ratio Lower Upper

64 100

66 31.7 27.0 40.6





#7

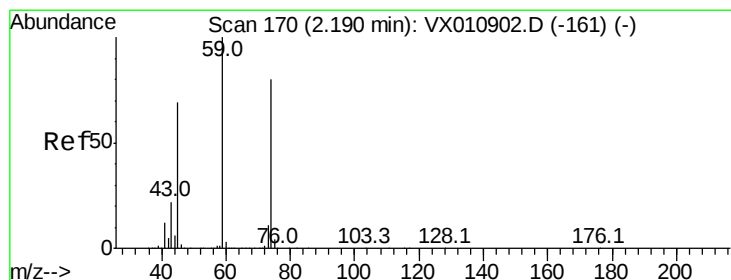
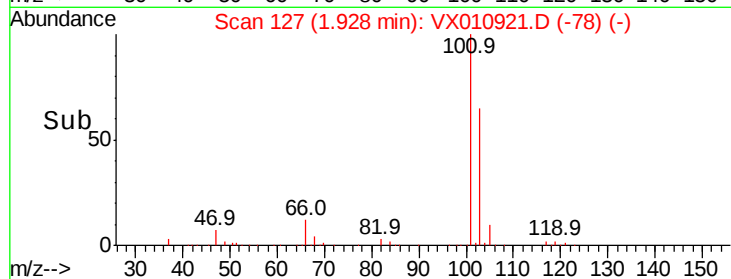
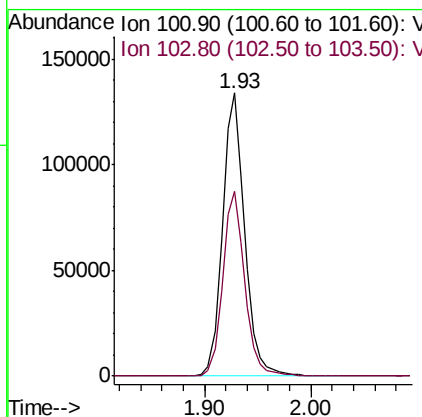
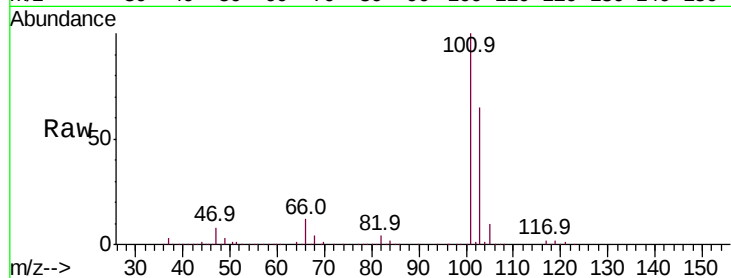
Trichlorofluoromethane
Concen: 52.100 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.6	78.8

Manual Integrations
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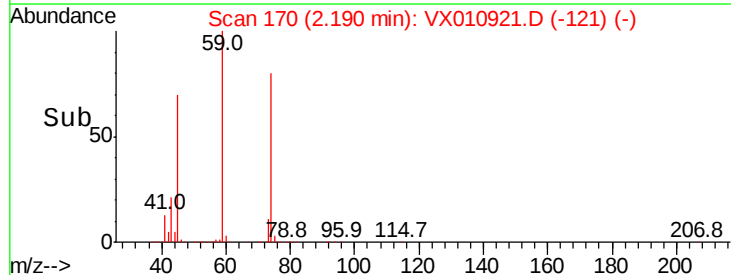
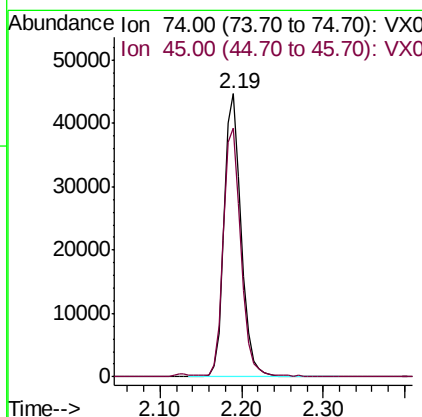
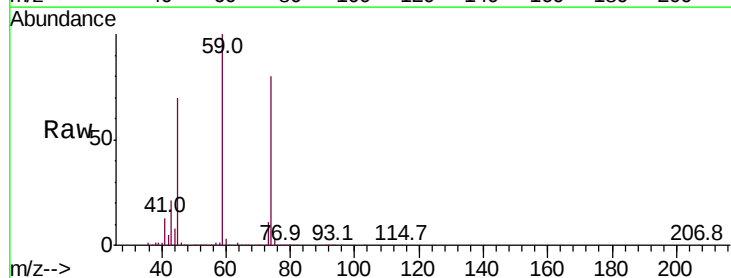
MMDadoda
7/17/2019 1:23:24 PM

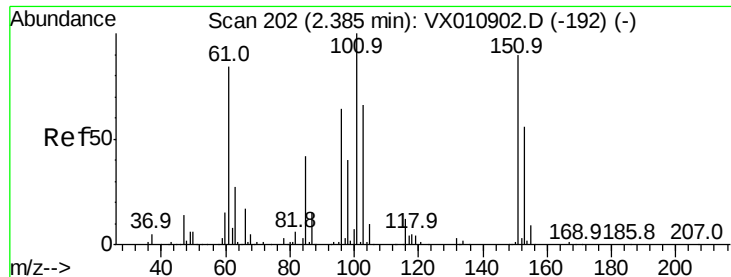


#8

Diethyl Ether
Concen: 50.298 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.5	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.871 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

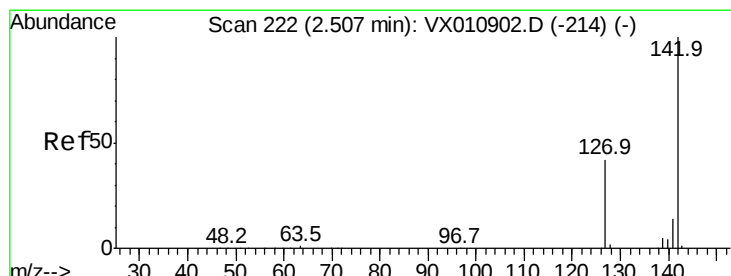
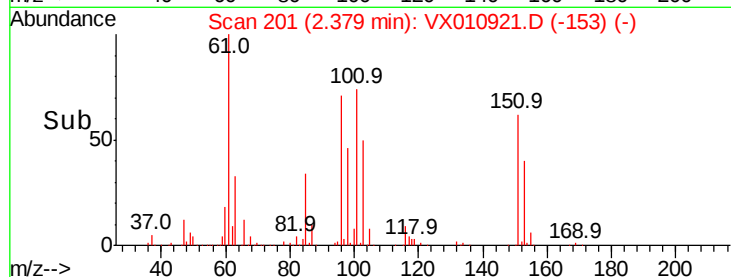
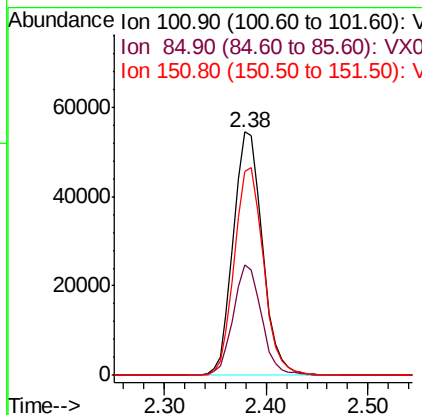
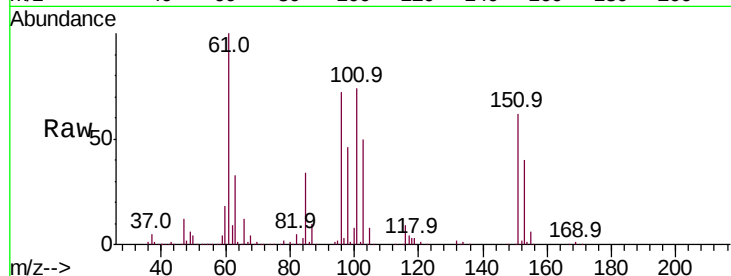
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	107985
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.6	52.0
151	85.3	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 52.265 ug/l

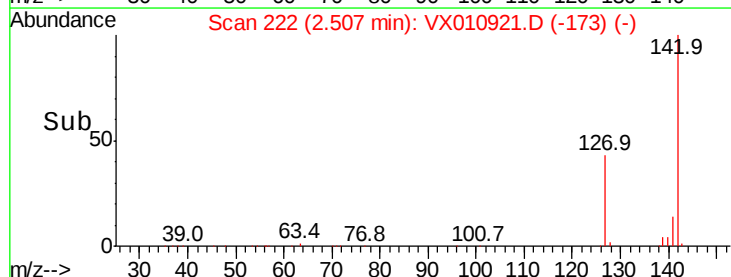
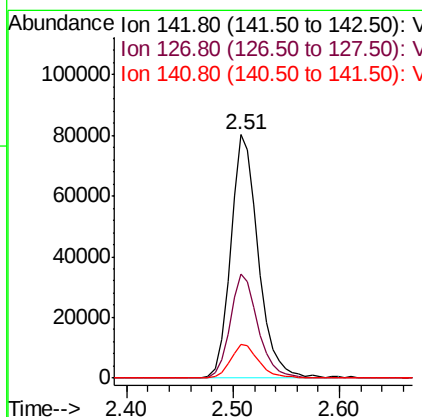
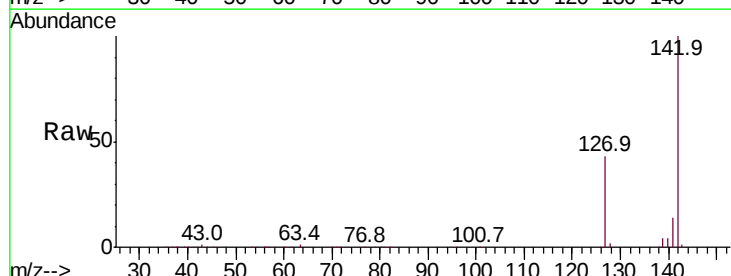
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion:	142	Resp:	145589
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.2	51.4
141	14.3	11.7	17.5





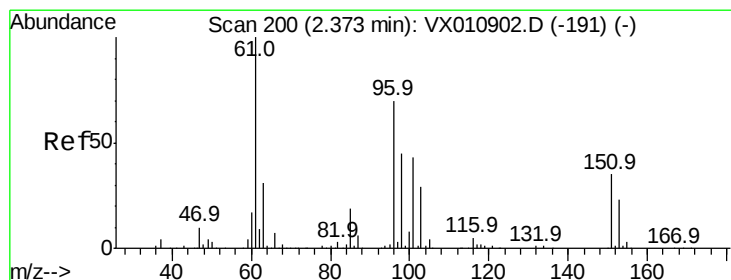
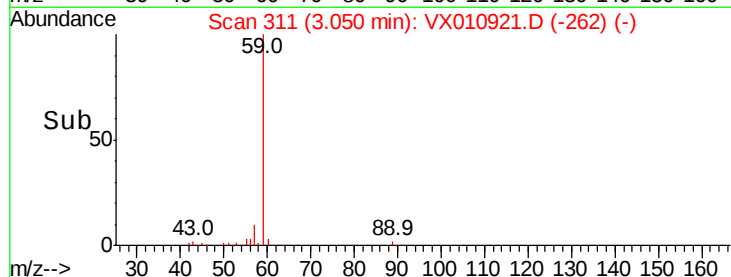
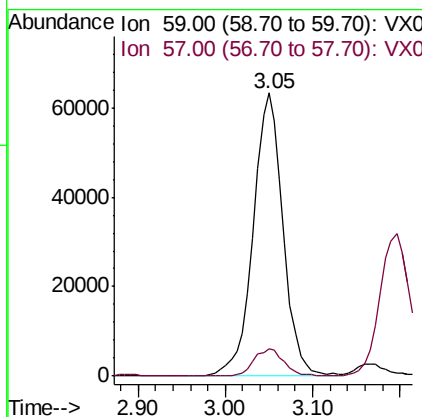
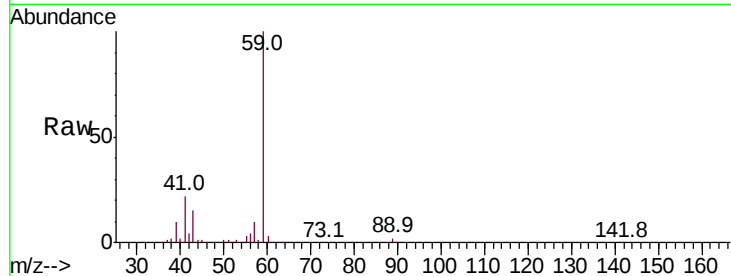
#11
Tert butyl alcohol
Concen: 257.978 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	59	Resp	149657
Ion Ratio	100	Lower	Upper
57	9.7	7.9	11.9

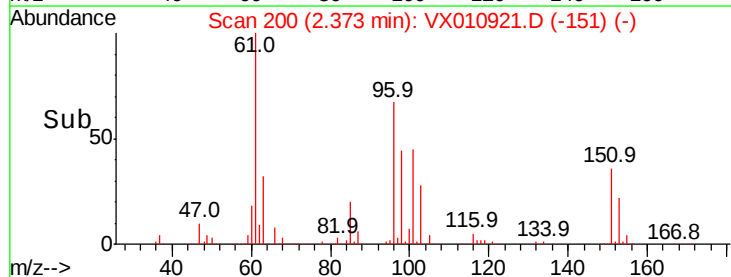
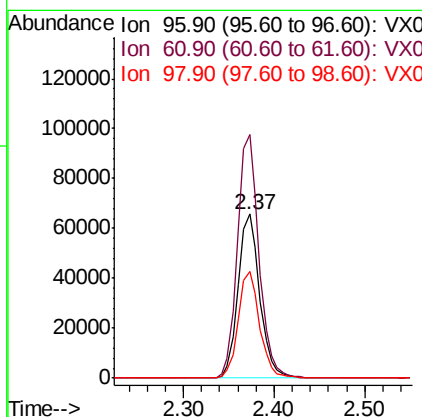
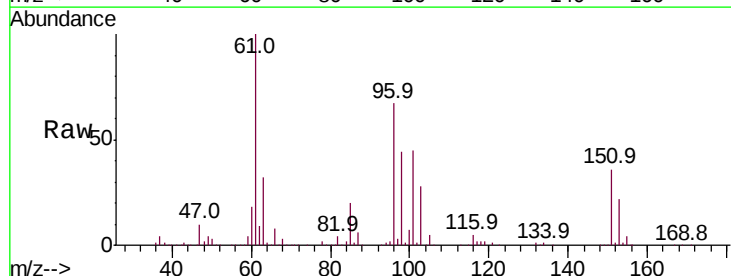
Manual Integrations
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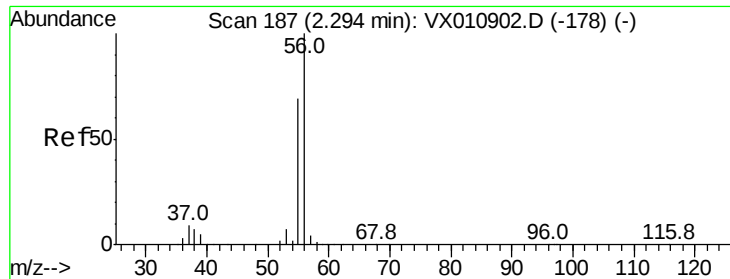
MMDadoda
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#12
1,1-Dichloroethene
Concen: 52.182 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	96	Resp	108830
Ion Ratio	100	Lower	Upper
61	148.8	115.0	172.4
98	65.4	52.2	78.2





#13

Acrolein

Concen: 232.789 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 78024

Ion Ratio Lower Upper

56 100

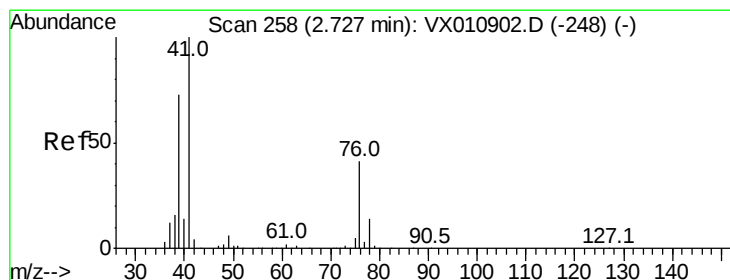
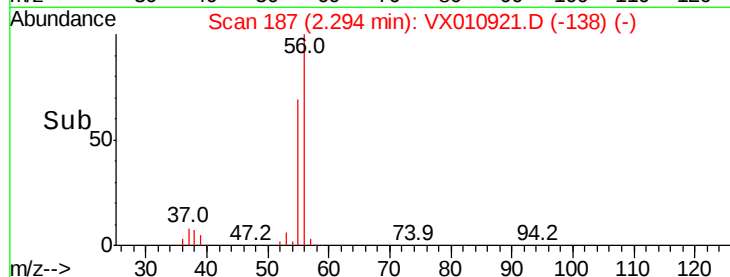
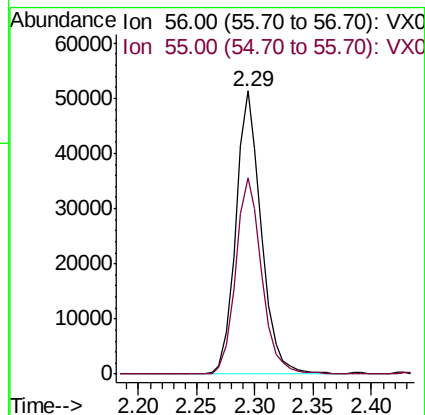
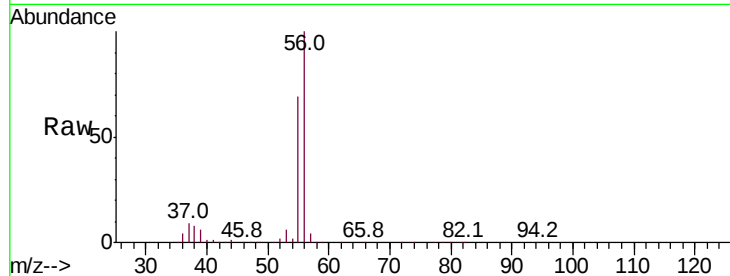
55 71.7 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 52.673 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

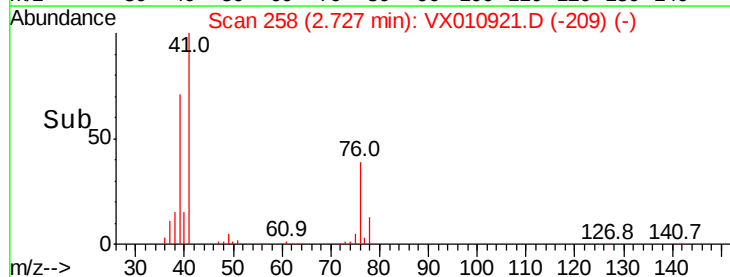
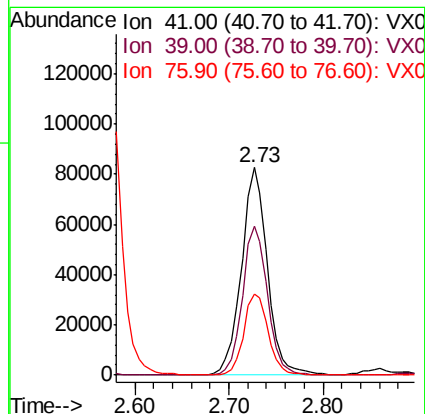
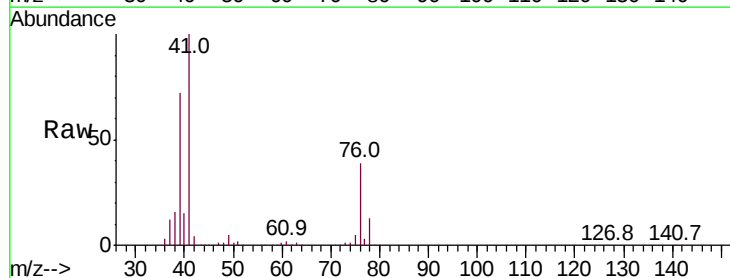
Tgt Ion: 41 Resp: 159566

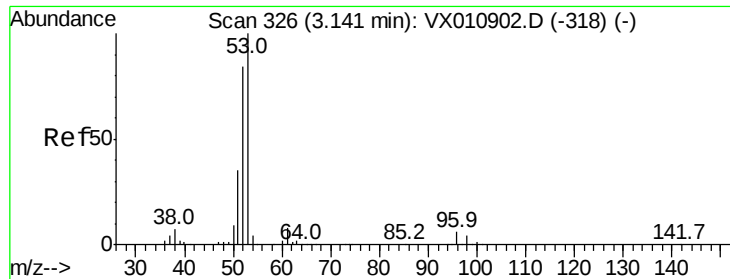
Ion Ratio Lower Upper

41 100

39 68.5 53.6 80.4

76 36.9 29.7 44.5





#15

Acrylonitrile

Concen: 256.316 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

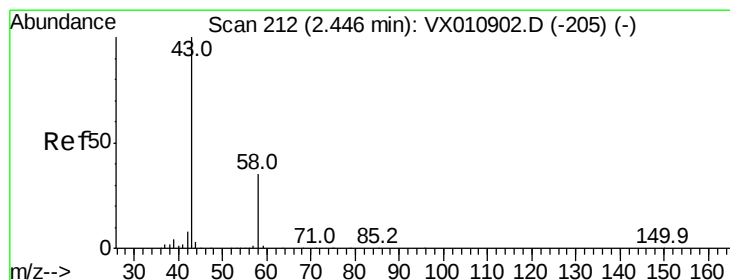
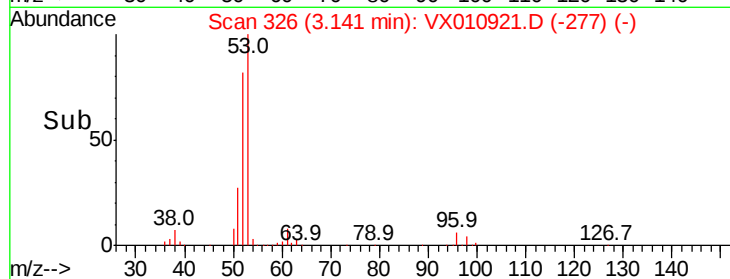
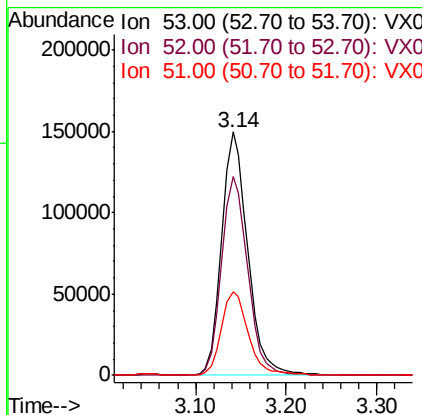
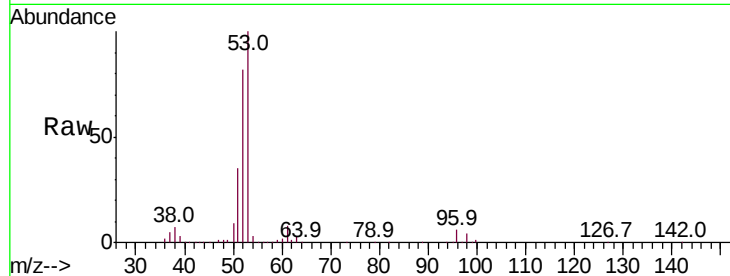
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	300462
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.5	99.7
51	35.9	28.2	42.4

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#16

Acetone

Concen: 226.898 ug/l

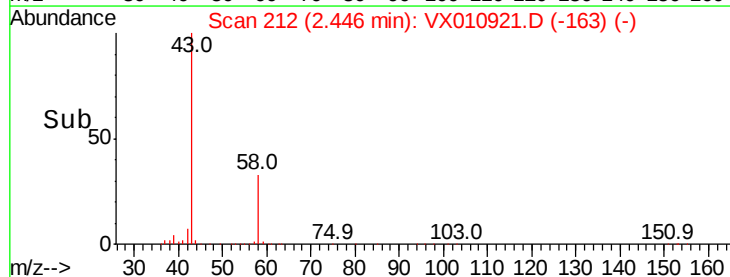
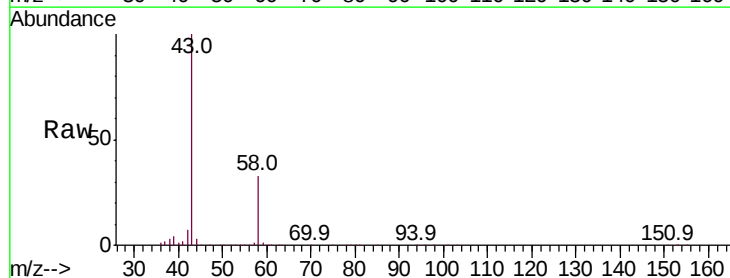
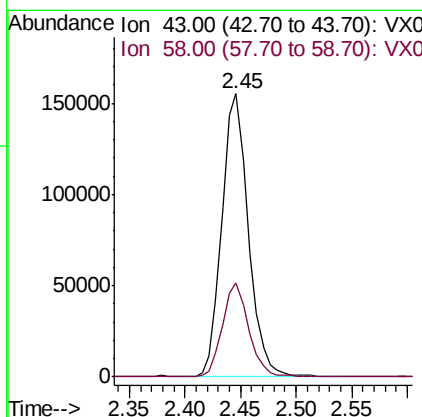
RT: 2.45 min Scan# 212

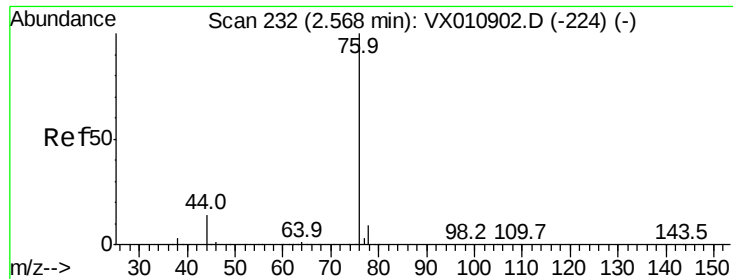
Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion:	43	Resp:	255266
Ion Ratio	Lower	Upper	
43	100		
58	33.3	27.7	41.5





#17

Carbon Disulfide

Concen: 52.997 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 283523

Ion Ratio Lower Upper

76 100

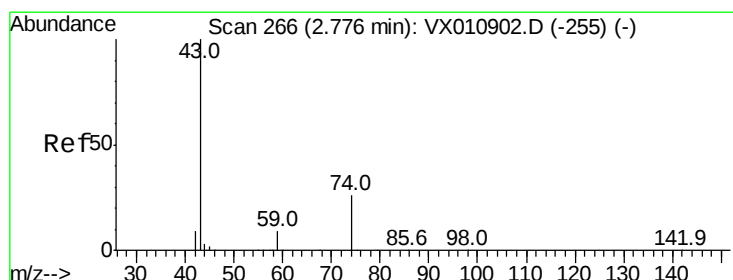
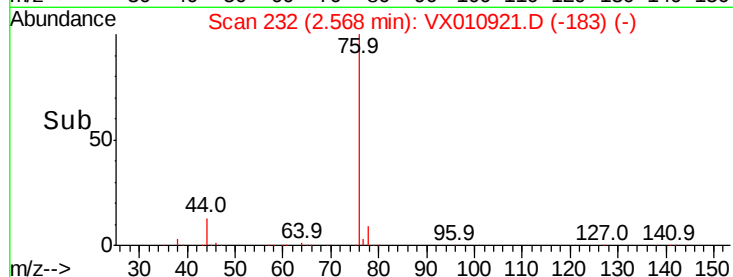
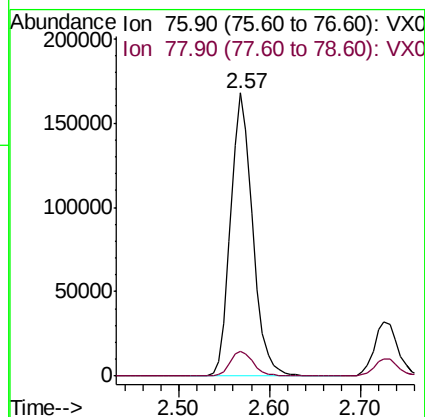
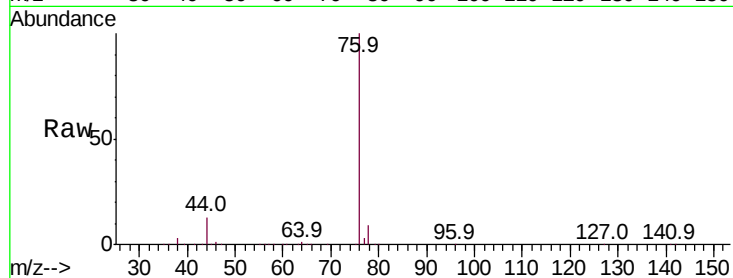
78 8.7 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 49.892 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010921.D

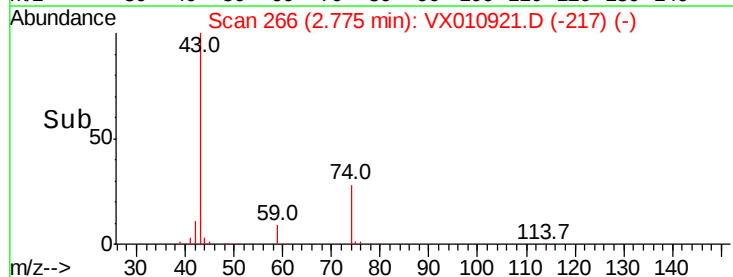
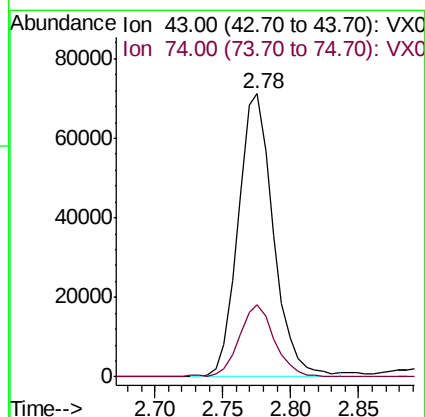
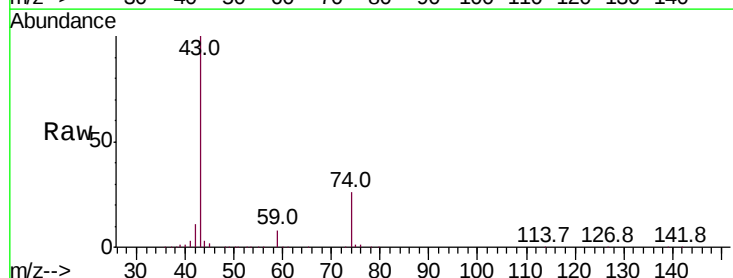
Acq: 16 Jul 2019 20:58

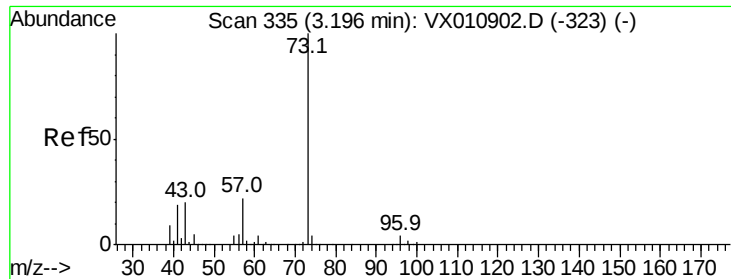
Tgt Ion: 43 Resp: 127810

Ion Ratio Lower Upper

43 100

74 26.2 21.5 32.3





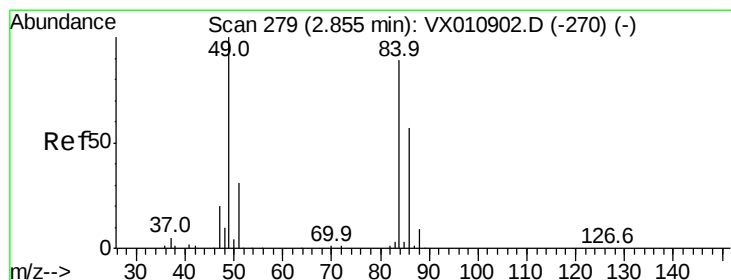
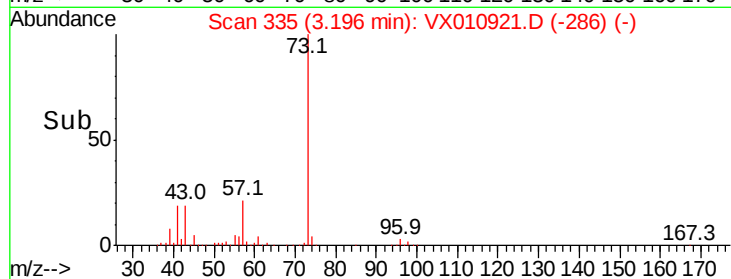
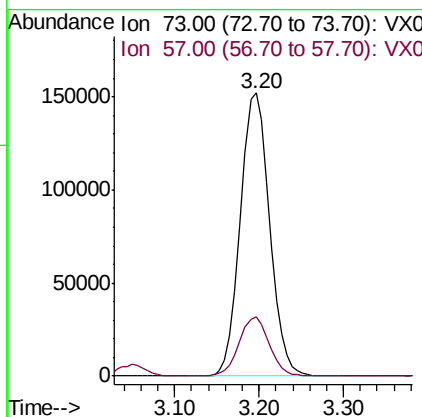
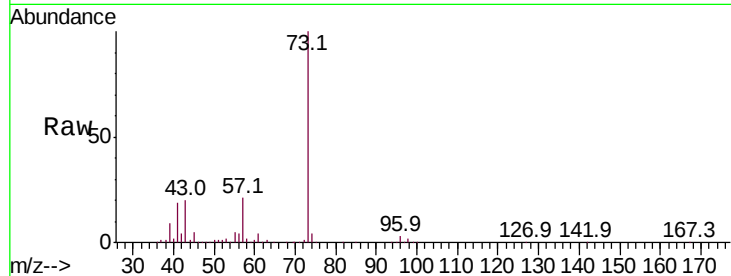
#19
Methyl tert-butyl Ether
Concen: 53.288 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.3	25.9

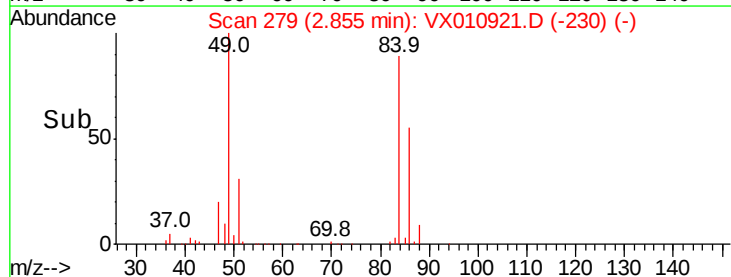
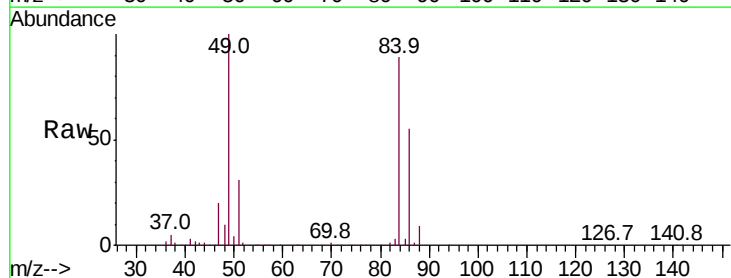
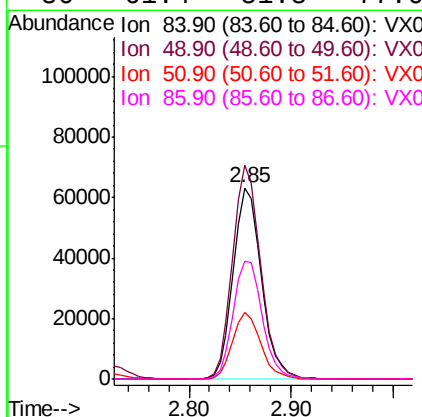
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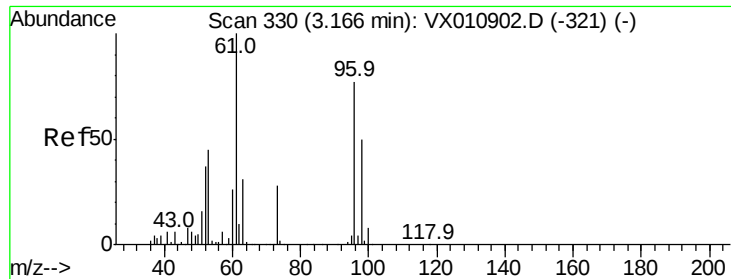
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#20
Methylene Chloride
Concen: 50.759 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.8	89.9	134.9
51	34.5	27.8	41.6
86	61.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 51.106 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 113093

Ion Ratio Lower Upper

96 100

61 129.5 104.2 156.2

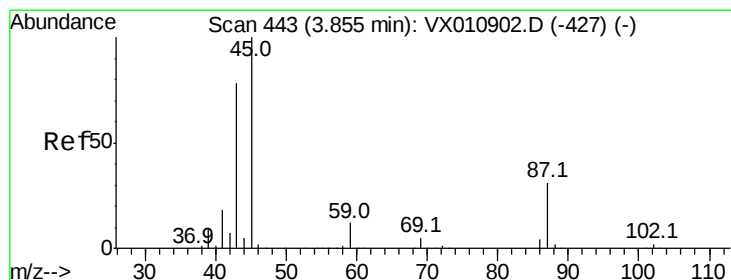
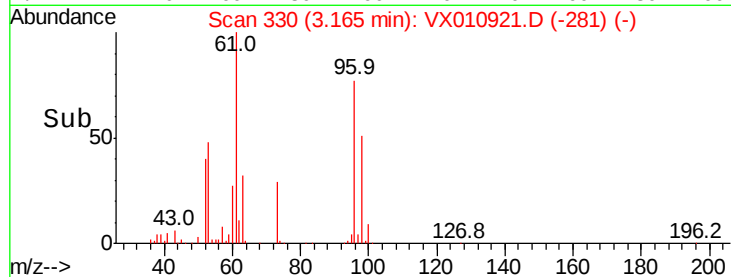
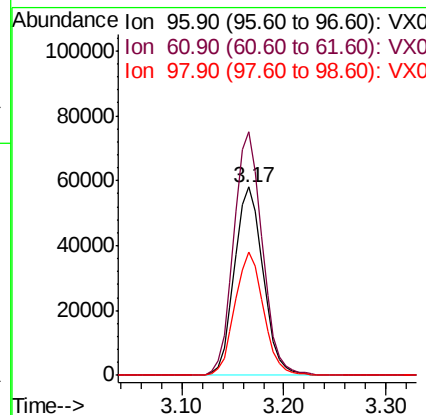
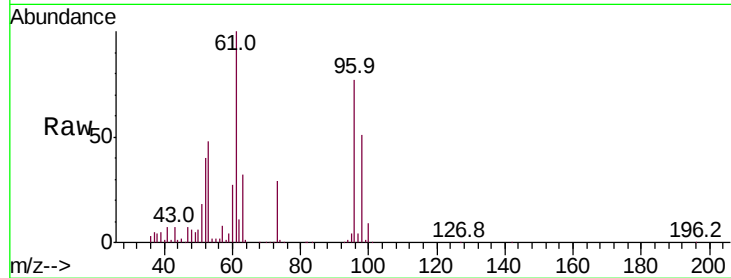
98 65.5 52.2 78.4

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#22

Diisopropyl ether

Concen: 51.782 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion: 45 Resp: 330842

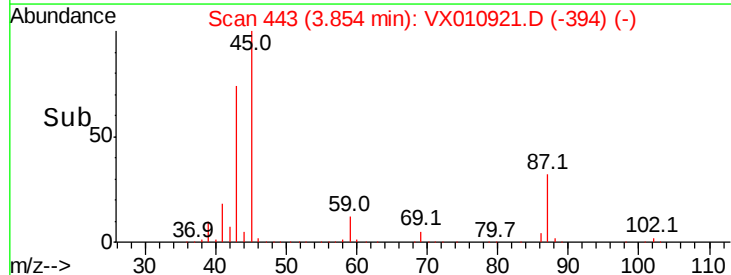
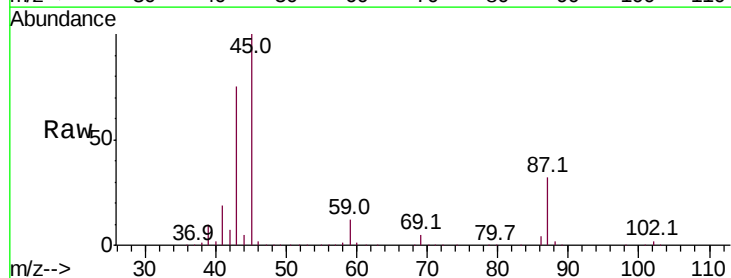
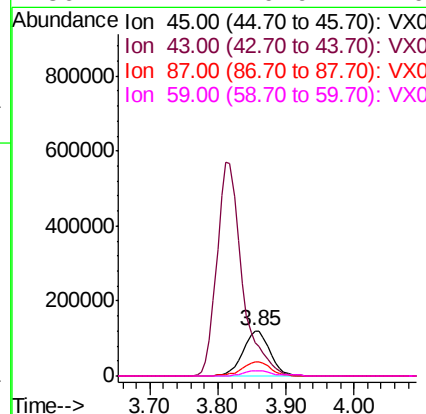
Ion Ratio Lower Upper

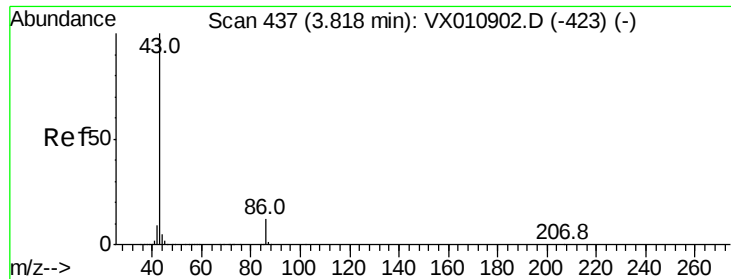
45 100

43 74.2 62.3 93.5

87 31.7 25.0 37.4

59 12.2 9.9 14.9





#23

Vinyl Acetate

Concen: 272.731 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1476429

Ion Ratio Lower Upper

43 100

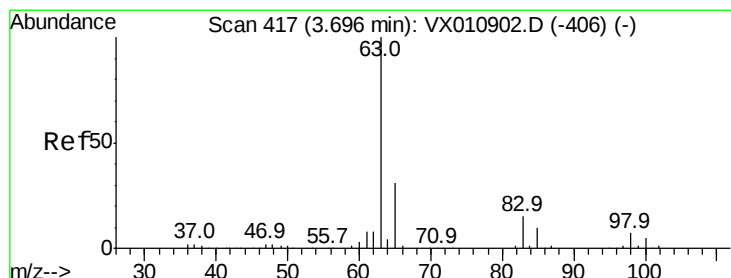
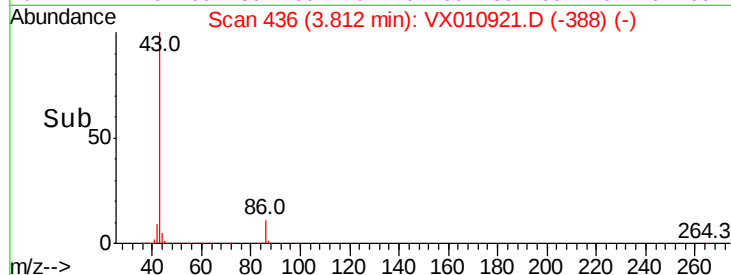
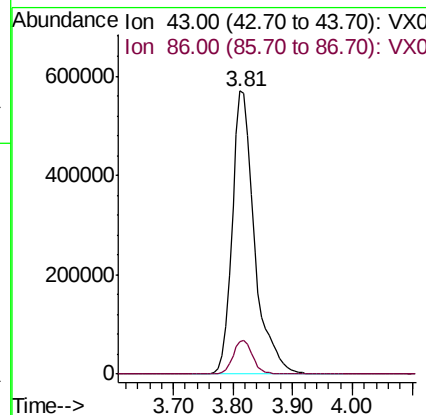
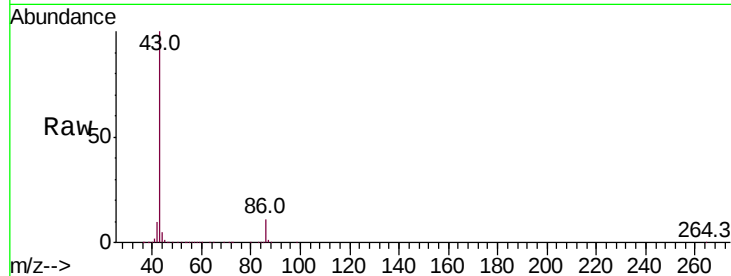
86 11.3 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 51.986 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

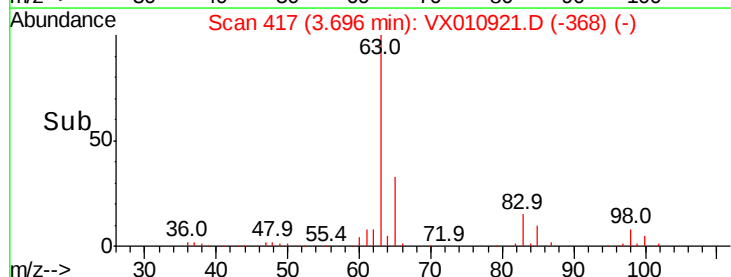
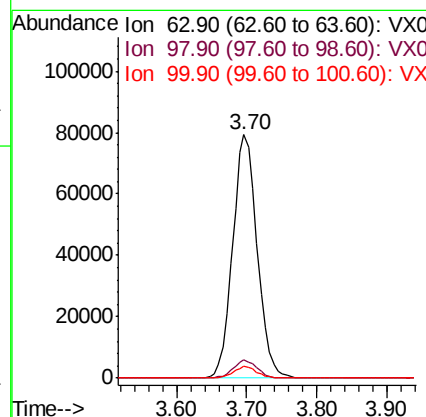
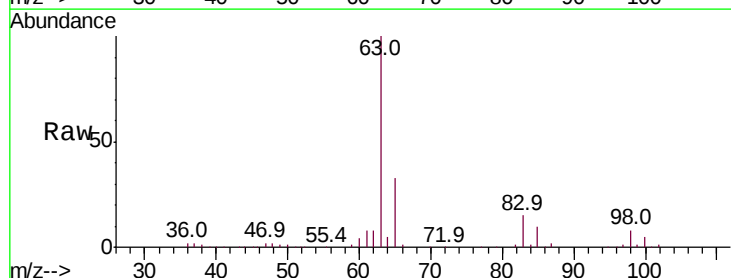
Tgt Ion: 63 Resp: 192897

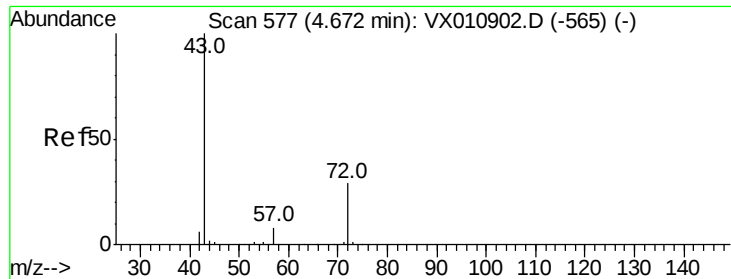
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 258.586 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 417607

Ion Ratio Lower Upper

43 100

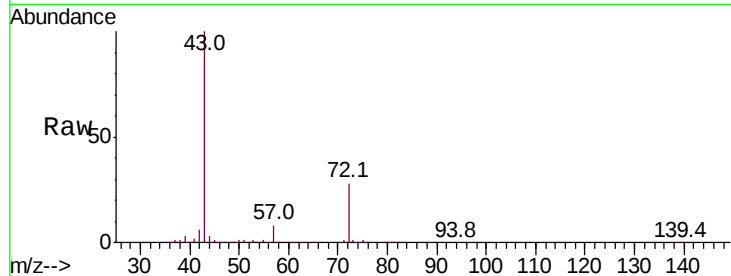
72 27.6 23.0 34.6

Manual Integrations

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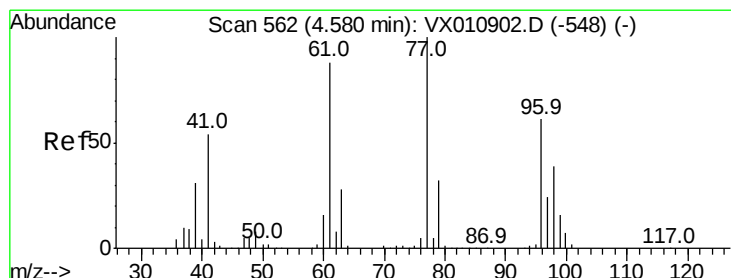
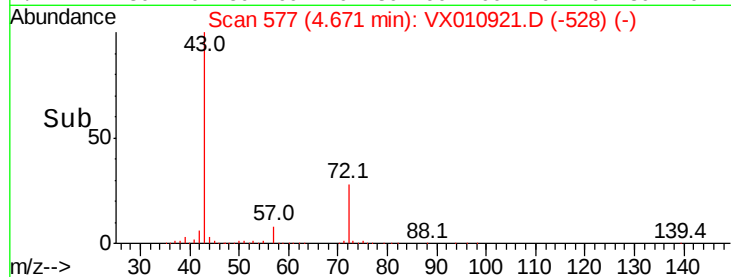
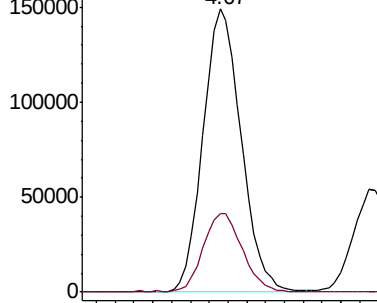
MMDadoda

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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: 46.793 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010921.D

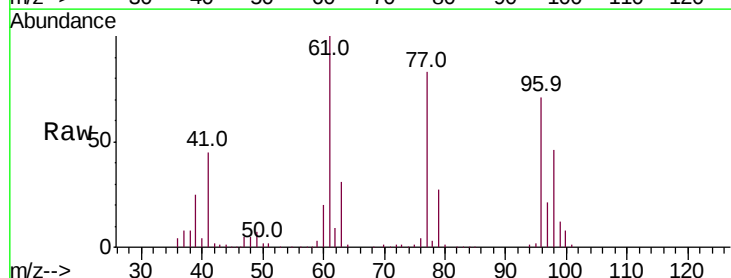
Acq: 16 Jul 2019 20:58

Tgt Ion: 77 Resp: 142563

Ion Ratio Lower Upper

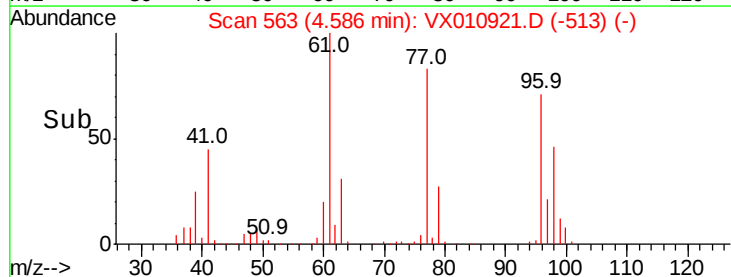
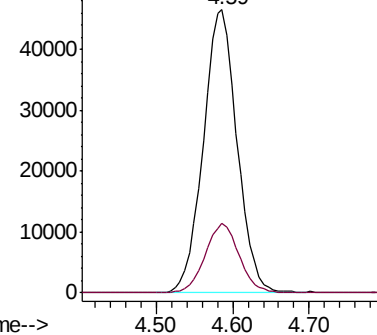
77 100

97 24.7 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

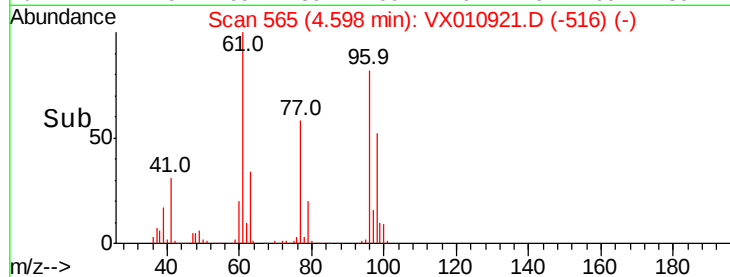
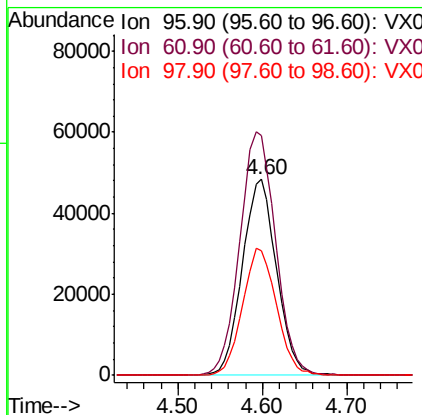
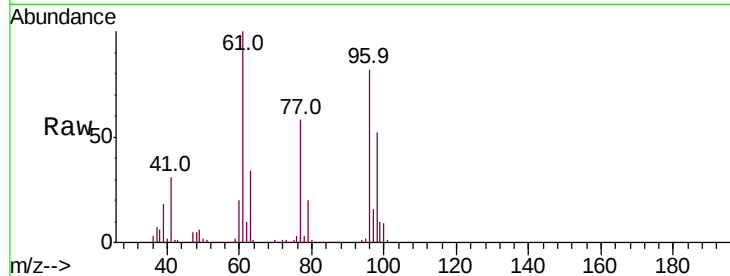
cis-1,2-Dichloroethene
Concen: 52.083 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	269.0
98	64.3	0.0	131.4

Manual Integrations
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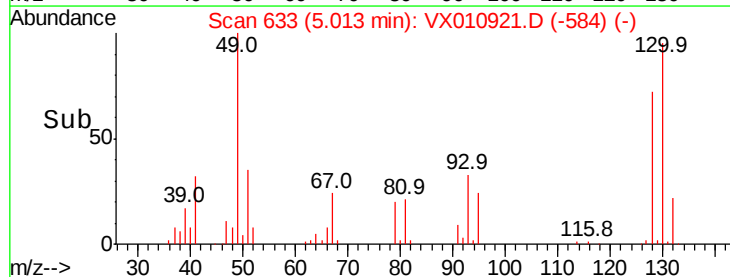
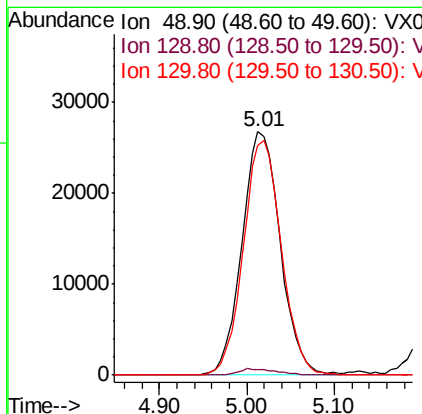
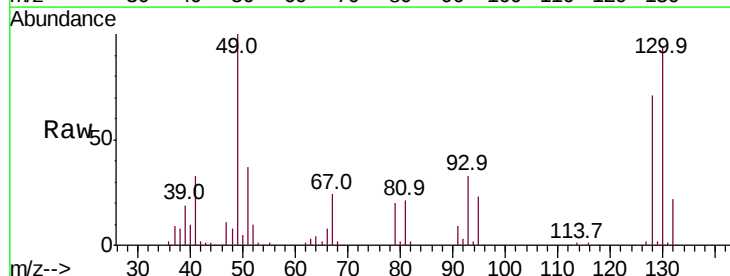
MMDadoda
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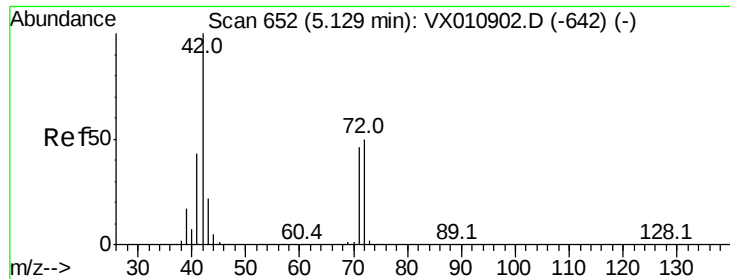


#28

Bromochloromethane
Concen: 46.583 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	95.5	76.9	115.3





#29

Tetrahydrofuran

Concen: 262.018 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

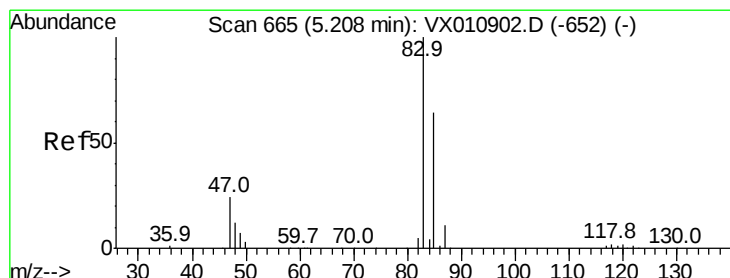
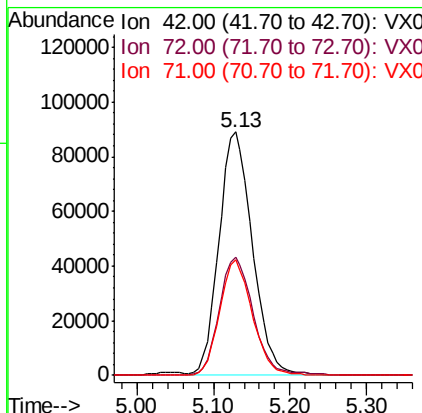
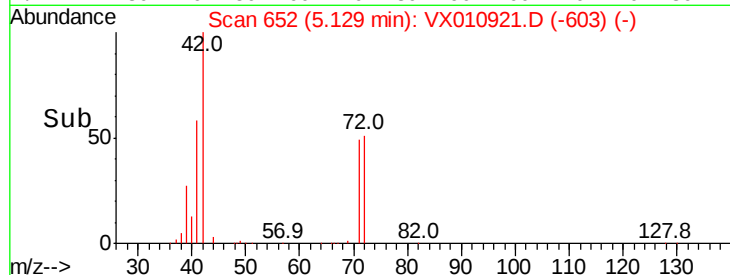
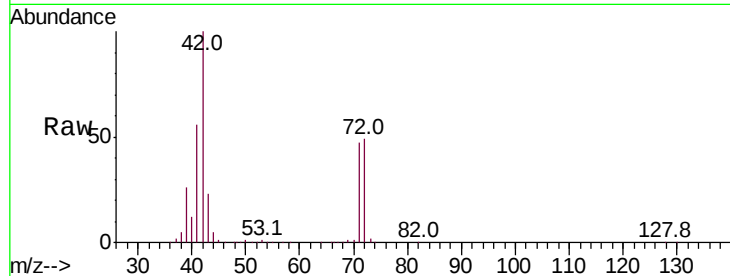
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	268039
Ion Ratio	Lower	Upper	
42	100		
72	49.6	39.8	59.8
71	46.5	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 51.952 ug/l

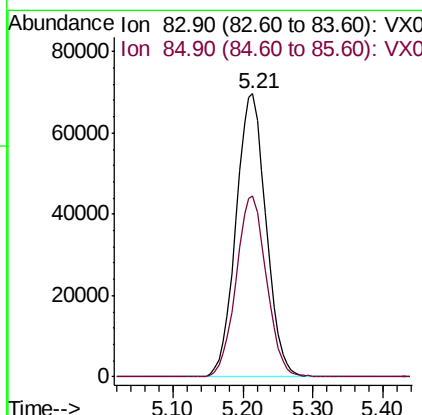
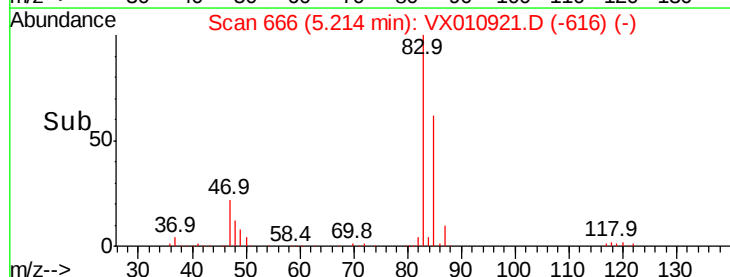
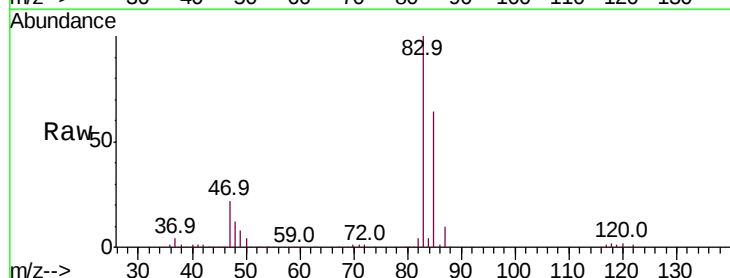
RT: 5.21 min Scan# 666

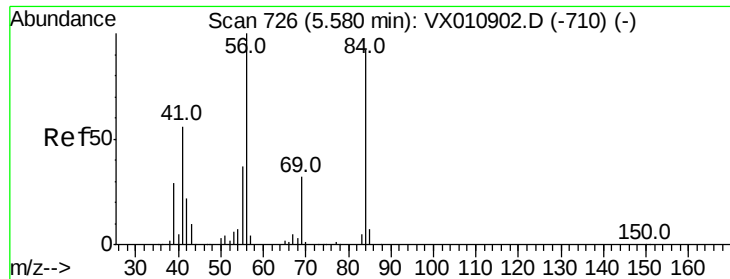
Delta R.T. 0.01 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion:	83	Resp:	208362
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.4	77.0





#31

Cyclohexane

Concen: 51.912 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

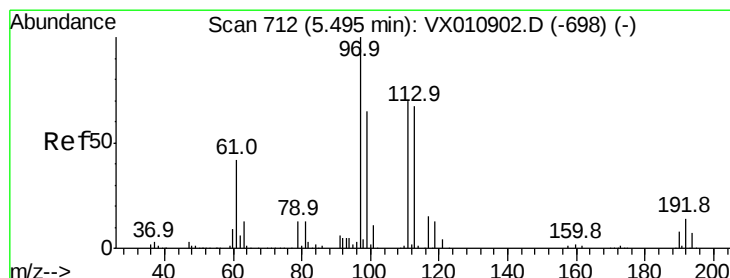
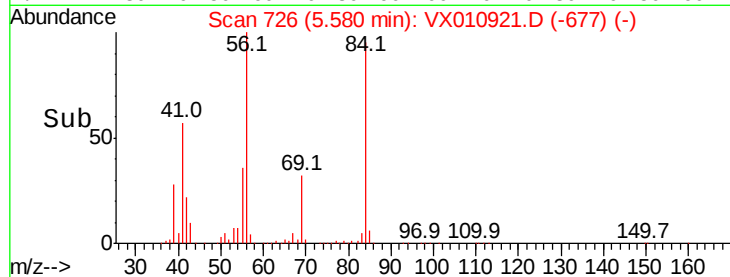
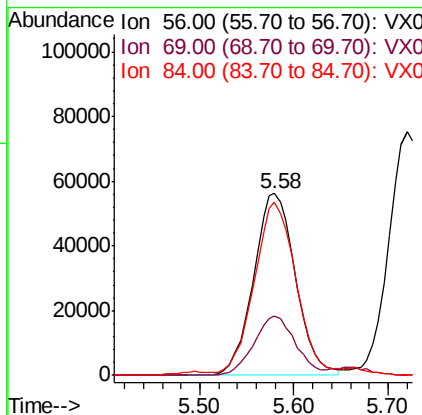
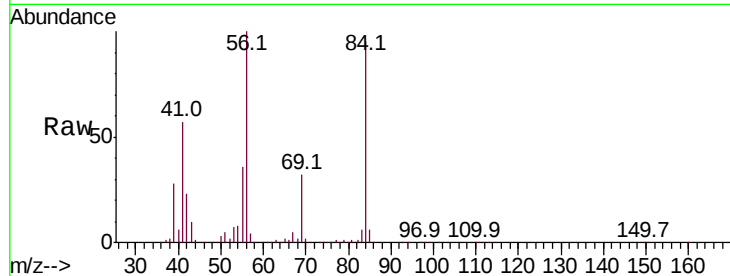
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	175572
Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.8	38.8
84	93.3	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.527 ug/l

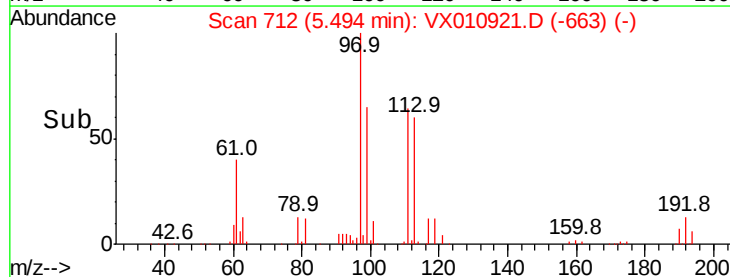
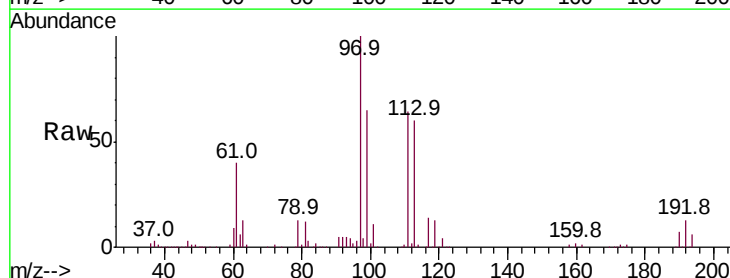
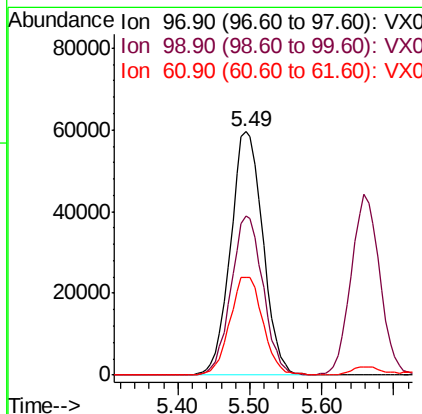
RT: 5.49 min Scan# 712

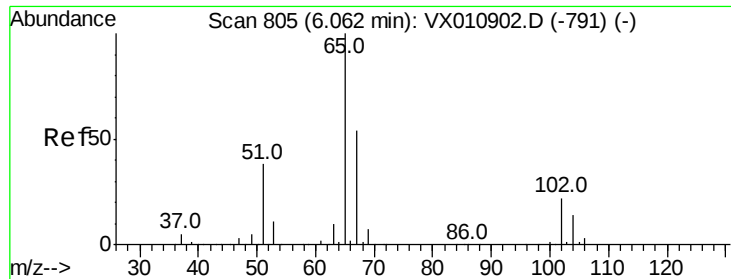
Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion:	97	Resp:	185732
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	41.3	33.0	49.6





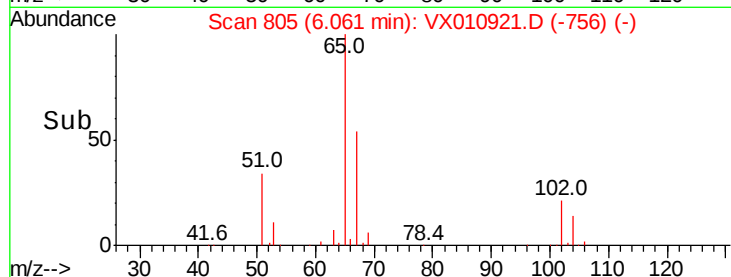
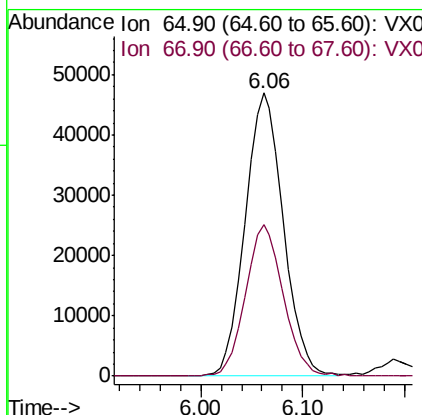
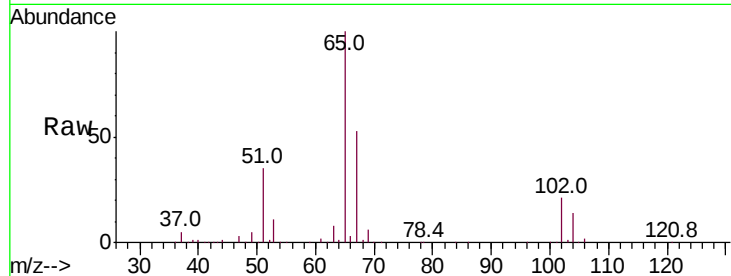
#33
 1,2-Dichloroethane-d4
 Concen: 49.111 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.8

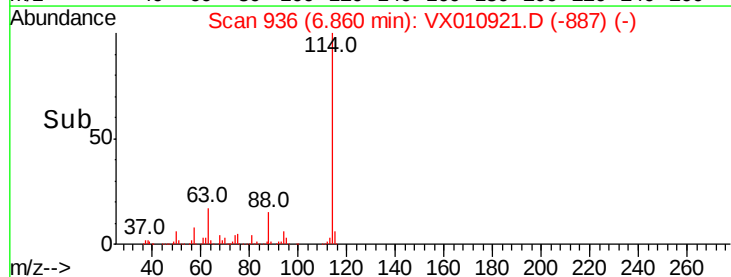
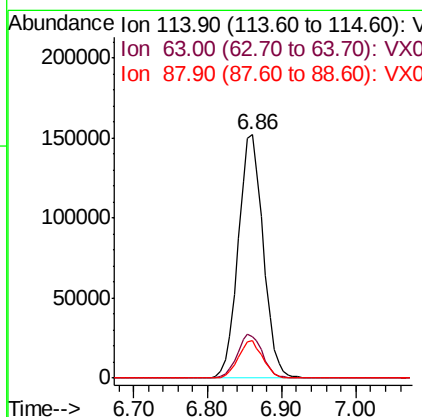
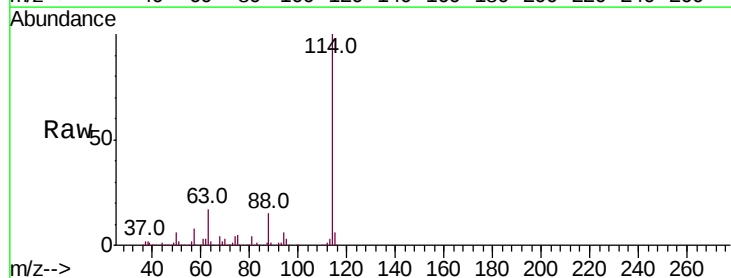
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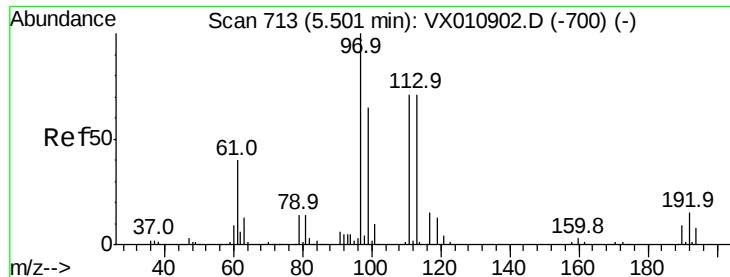
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.6
88	15.2	0.0	29.8





#35

Dibromofluoromethane

Concen: 47.203 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

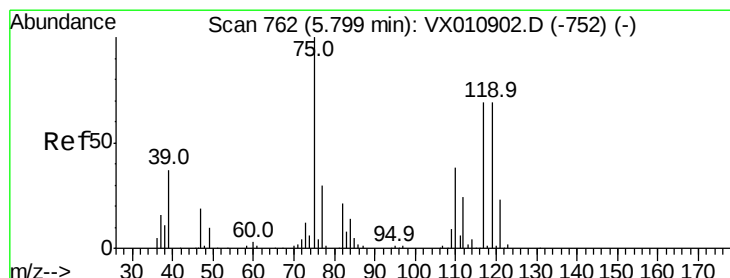
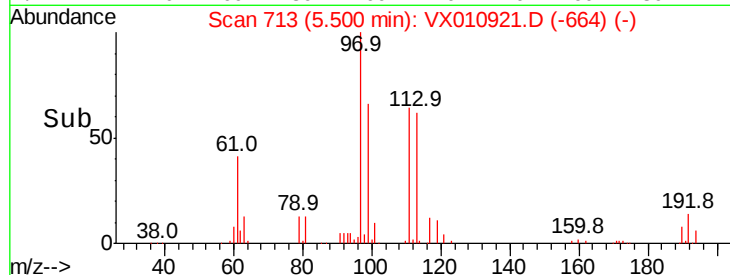
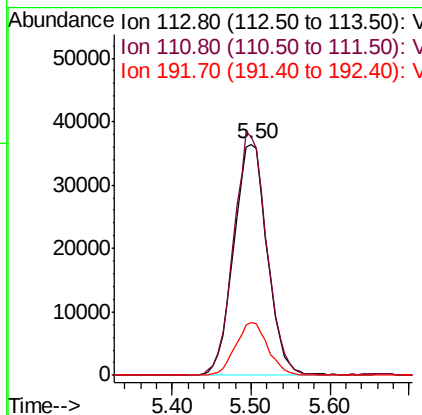
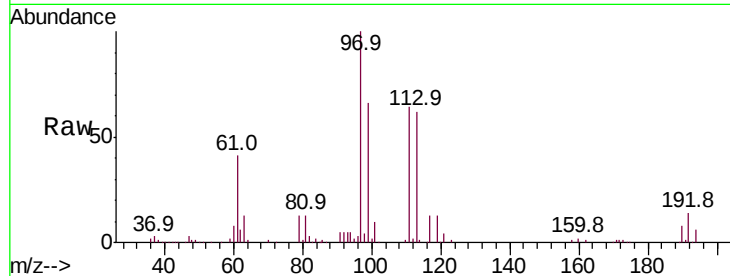
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	107415
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.3	123.5
192	22.1	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 50.975 ug/l

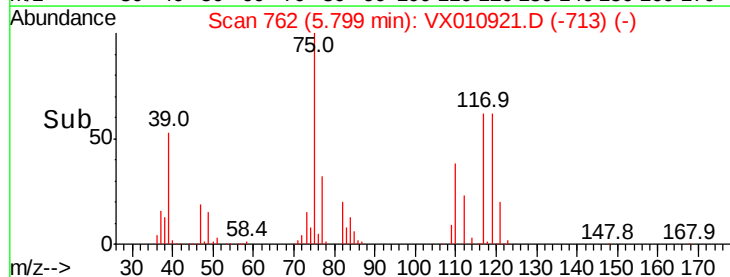
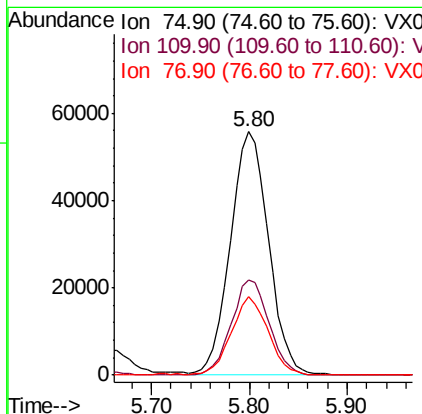
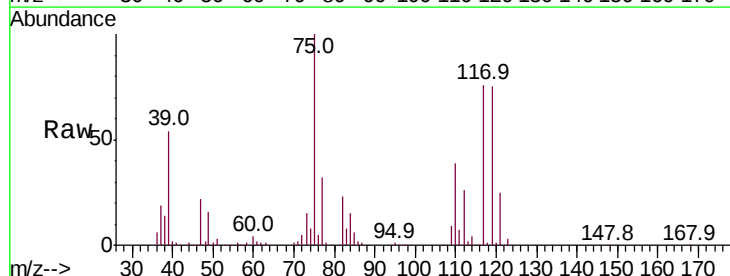
RT: 5.80 min Scan# 762

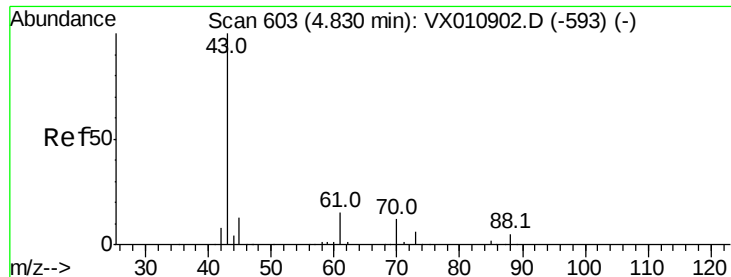
Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion:	75	Resp:	150117
Ion Ratio	Lower	Upper	
75	100		
110	38.9	19.9	59.7
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 51.956 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

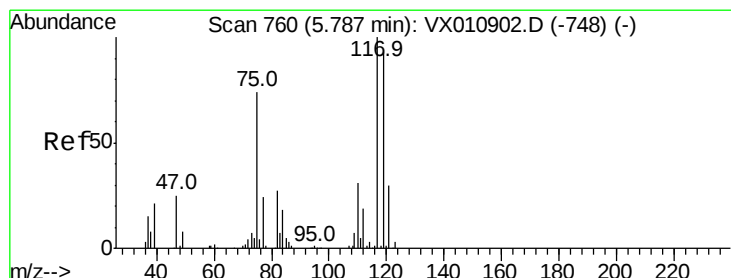
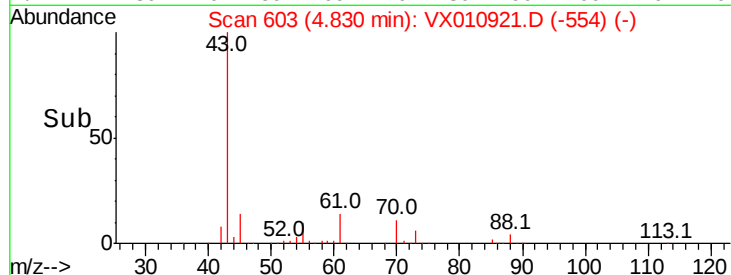
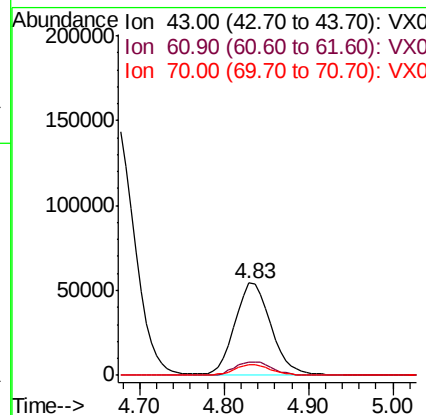
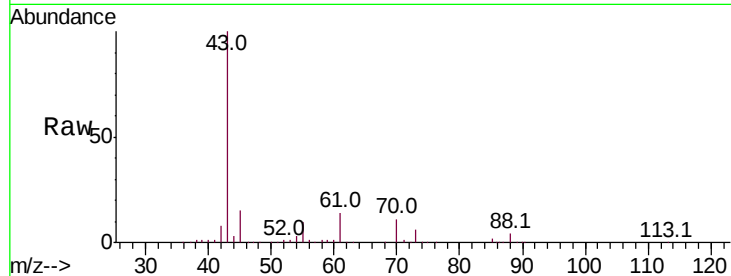
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	156673
Ion Ratio	Lower	Upper	
43	100		
61	15.1	11.6	17.4
70	11.9	9.1	13.7

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#38

Carbon Tetrachloride

Concen: 53.464 ug/l

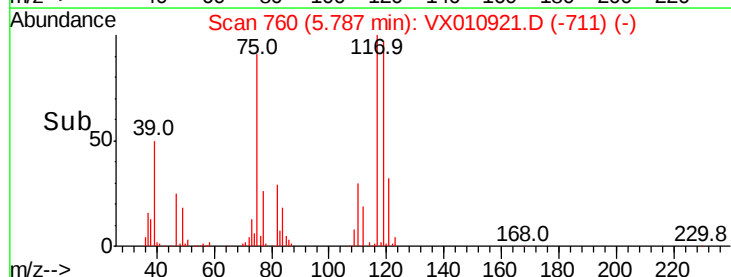
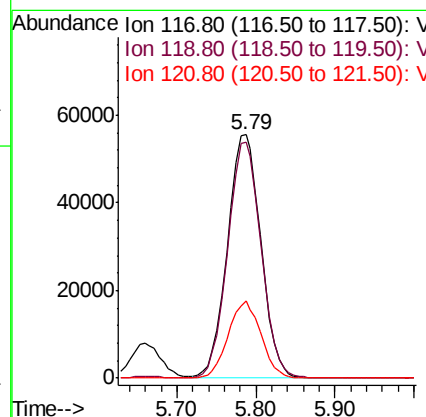
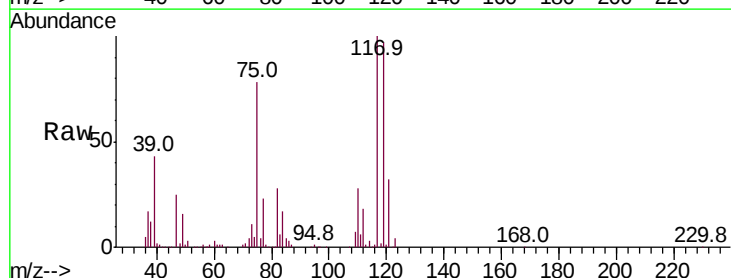
RT: 5.79 min Scan# 760

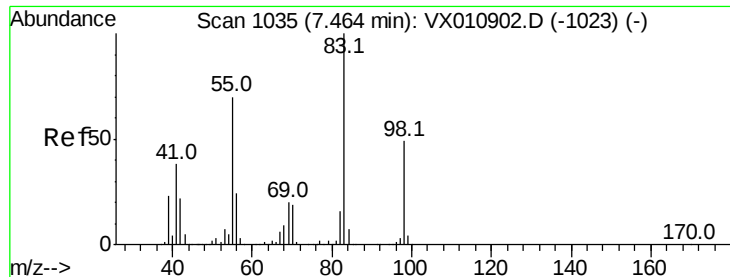
Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion:	117	Resp:	164067
Ion Ratio	Lower	Upper	
117	100		
119	96.8	74.2	111.2
121	31.8	24.2	36.2





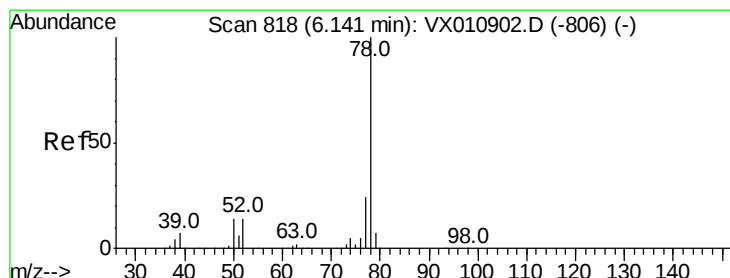
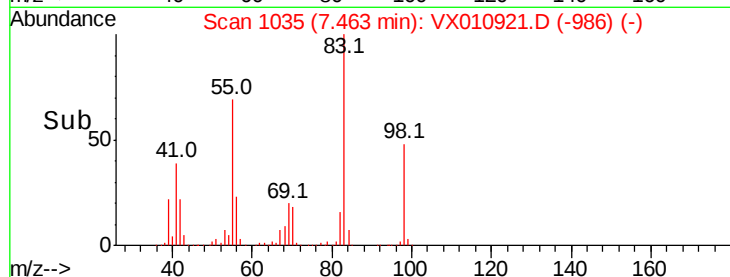
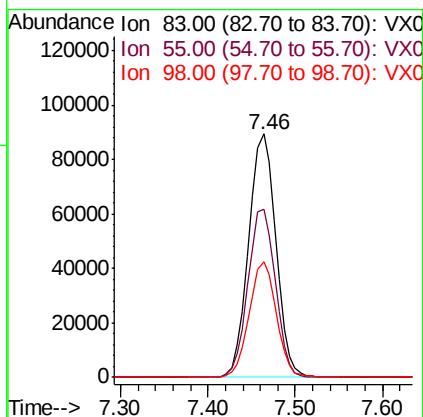
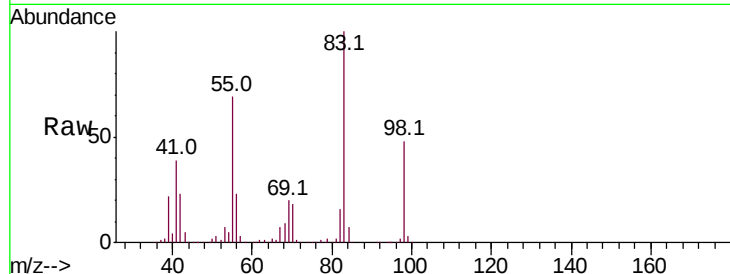
#39
Methvlcvclohexane
Concen: 50.769 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	56.2	84.4
98	47.6	39.0	58.4

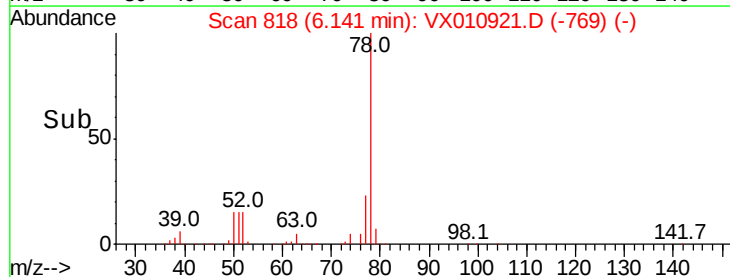
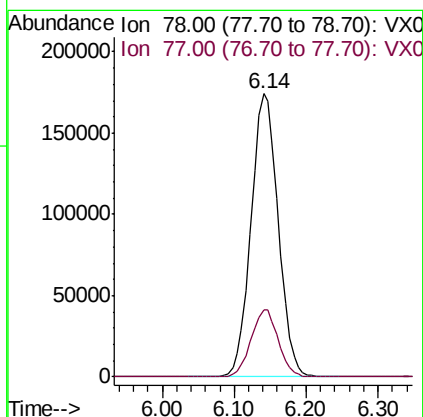
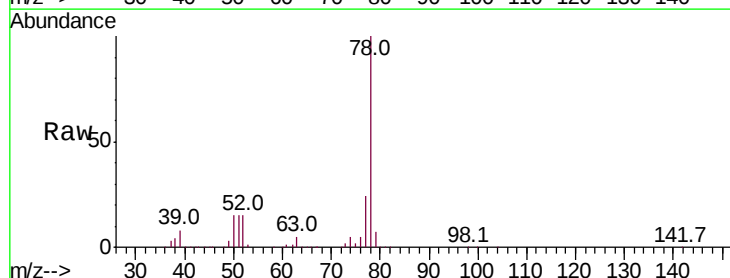
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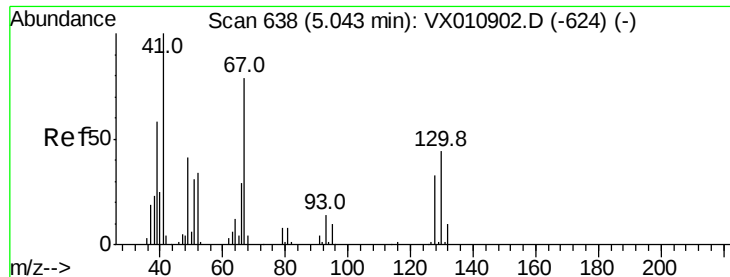
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#40
Benzene
Concen: 50.632 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6





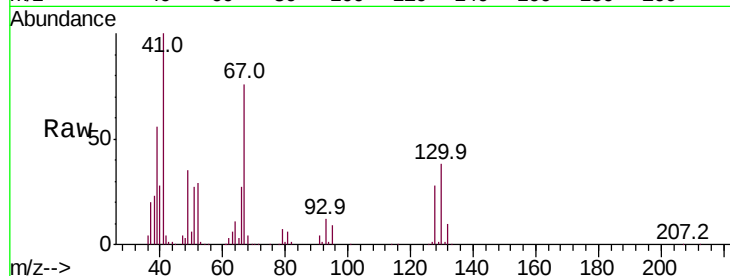
#41
Methacrylonitrile
Concen: 50.968 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

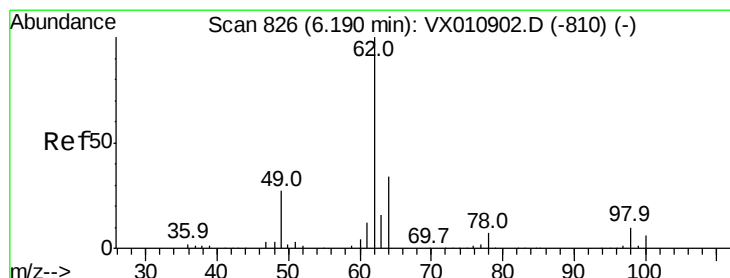
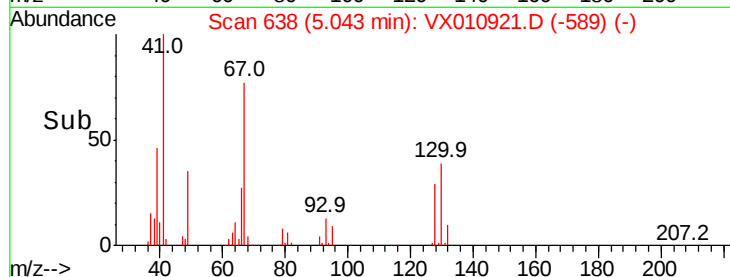
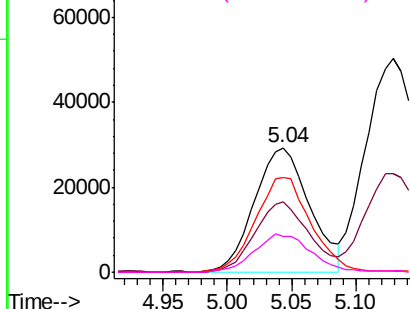
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.4	68.2
67	77.0	65.9	98.9
52	31.1	26.2	39.2

Manual Integrations
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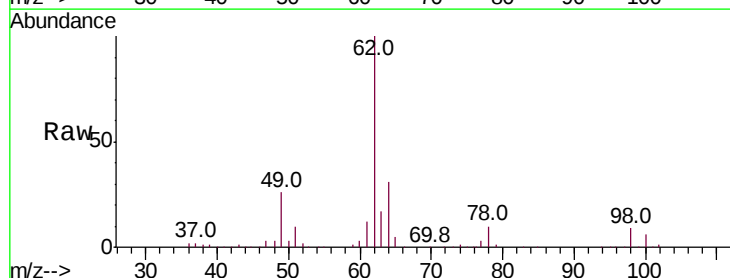


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

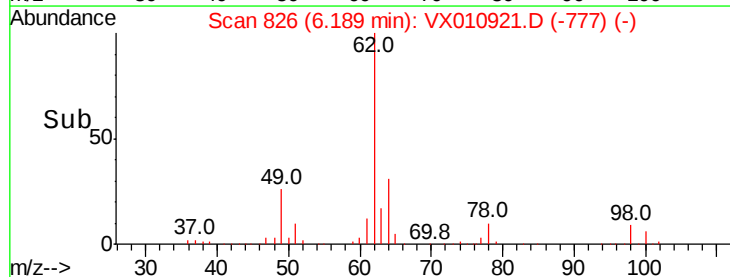
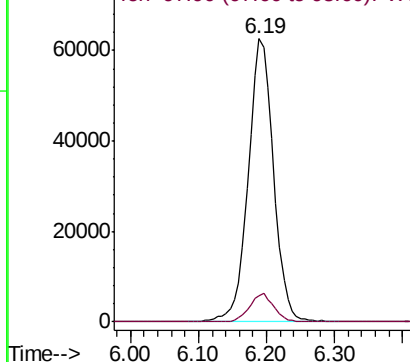


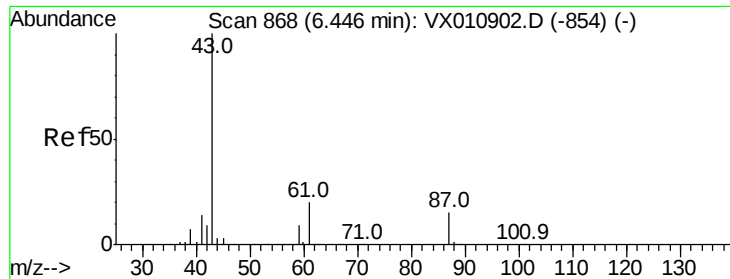
#42
1,2-Dichloroethane
Concen: 51.818 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

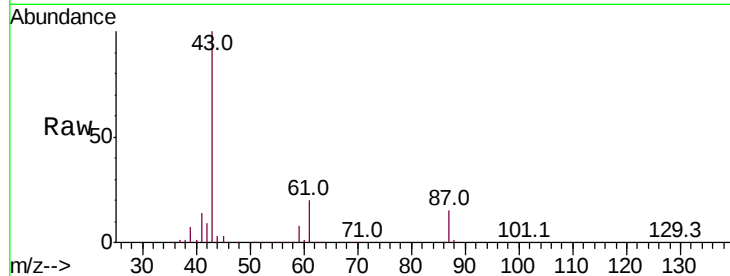
Isopropyl Acetate
 Concen: 52.764 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

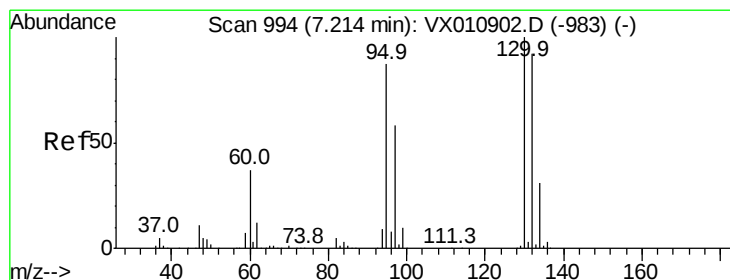
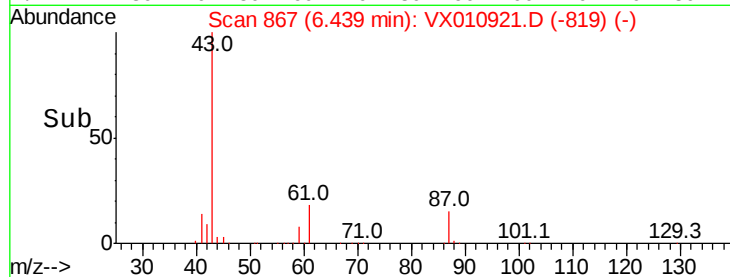
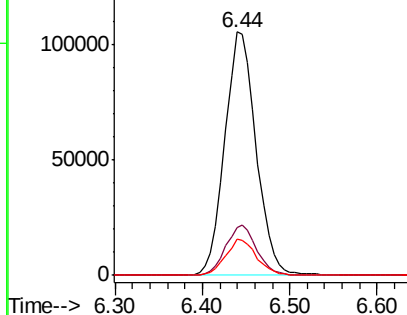
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	17.1	25.7
87	14.7	12.0	18.0

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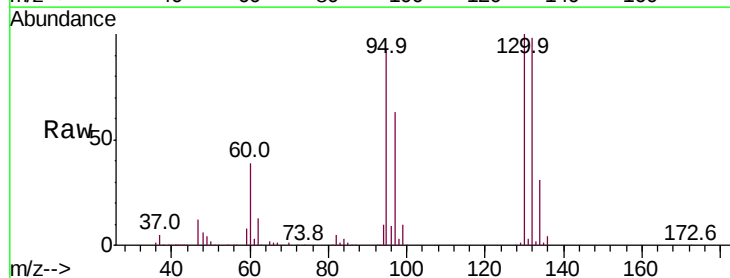
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



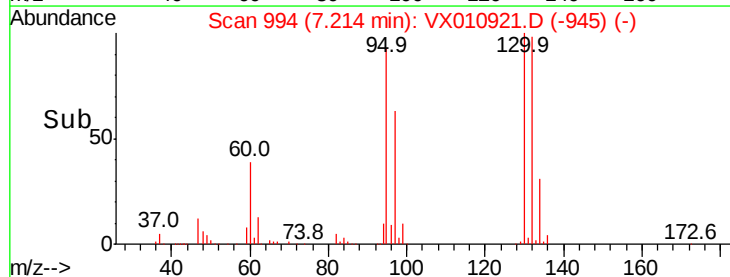
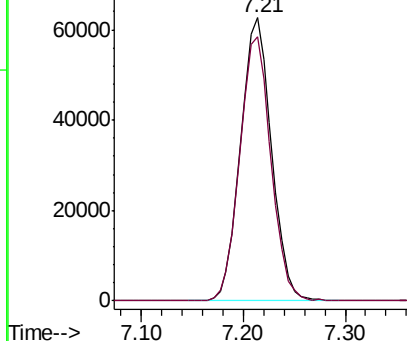
#44

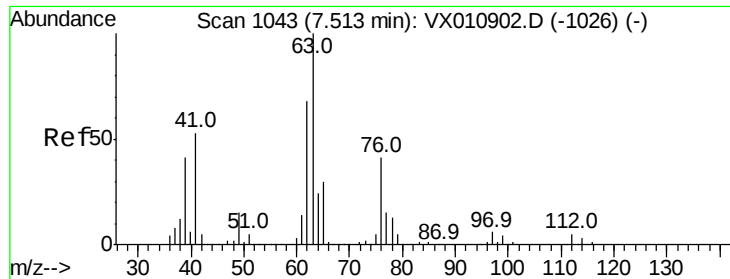
Trichloroethene
 Concen: 49.499 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	174.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.297 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 115482

Ion Ratio Lower Upper

63 100

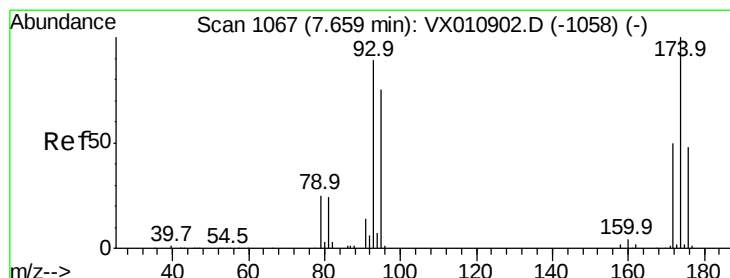
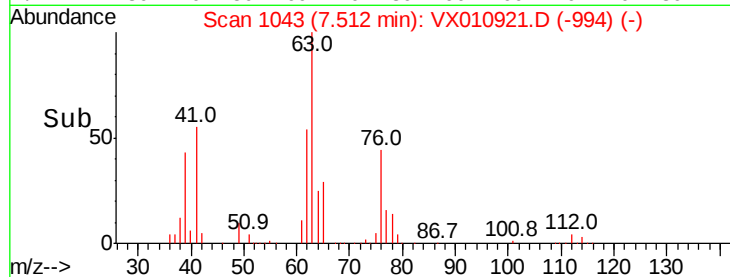
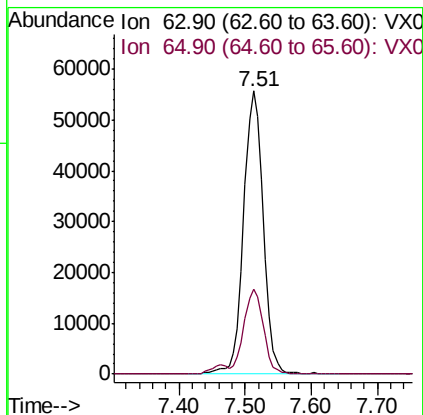
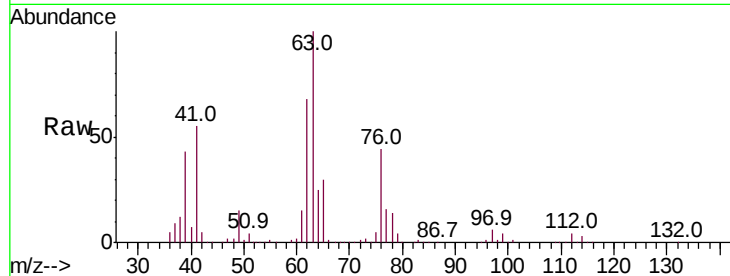
65 30.1 24.4 36.6

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#46

Dibromomethane

Concen: 51.604 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

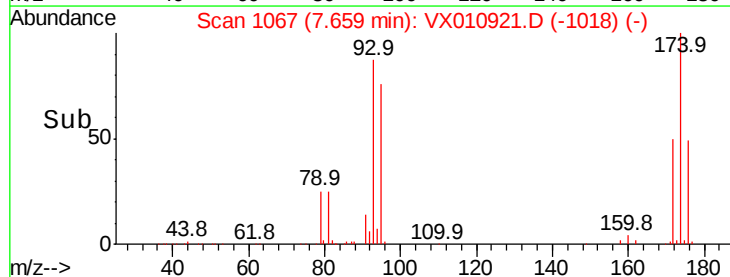
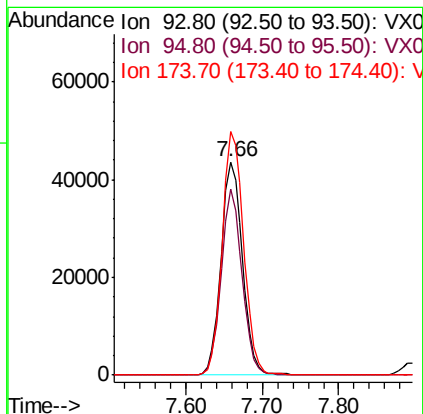
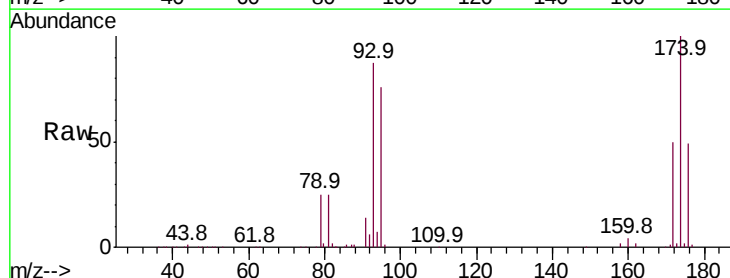
Tgt Ion: 93 Resp: 84664

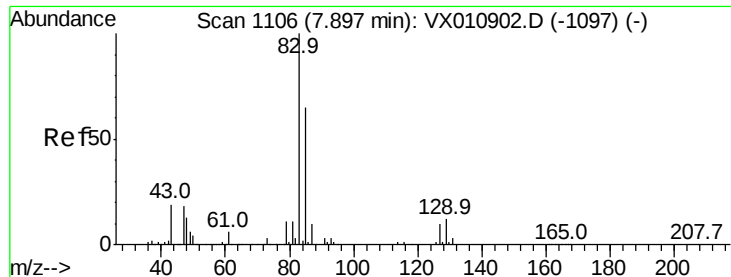
Ion Ratio Lower Upper

93 100

95 84.6 67.2 100.8

174 114.1 90.6 135.8





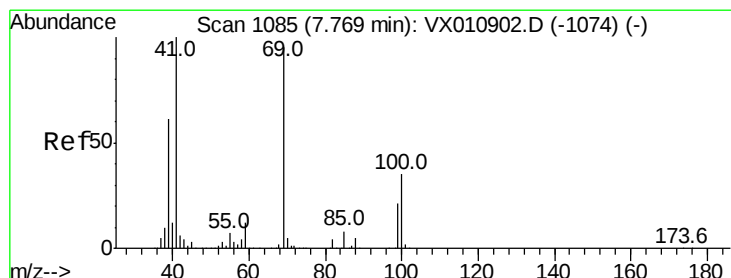
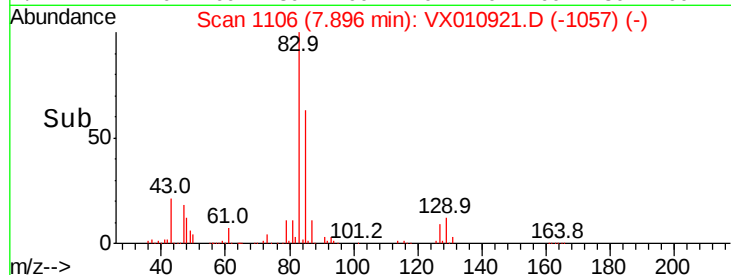
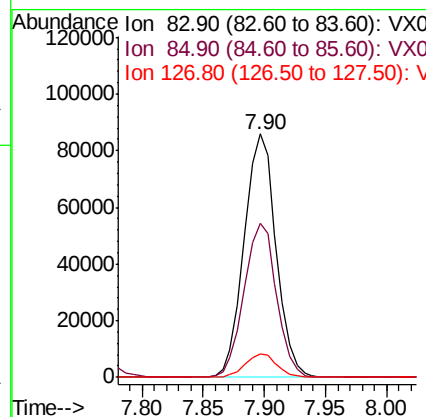
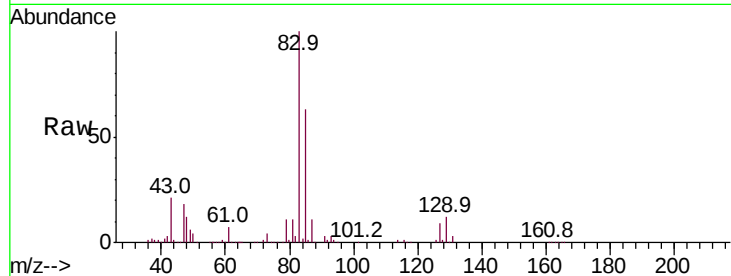
#47
Bromodichloromethane
Concen: 53.259 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	155542
Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.5	78.7
127	9.4	7.8	11.8

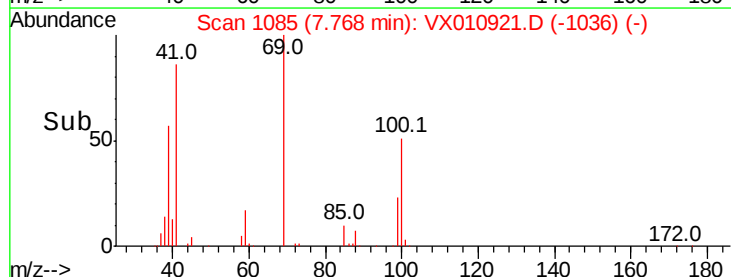
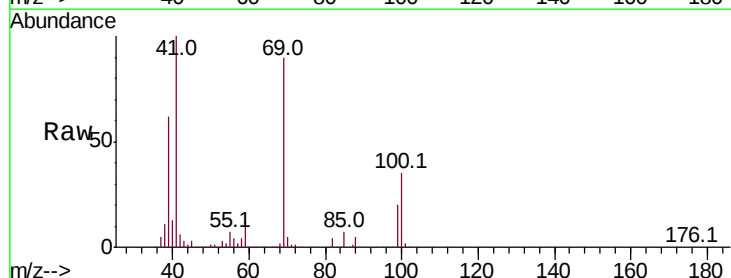
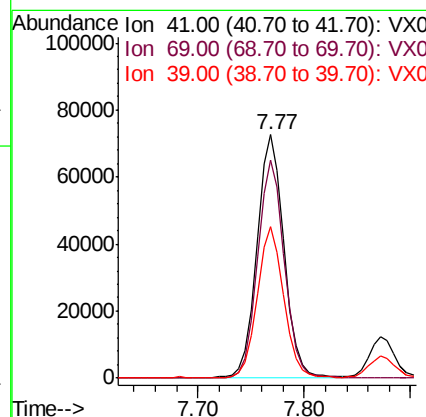
Manual Integrations
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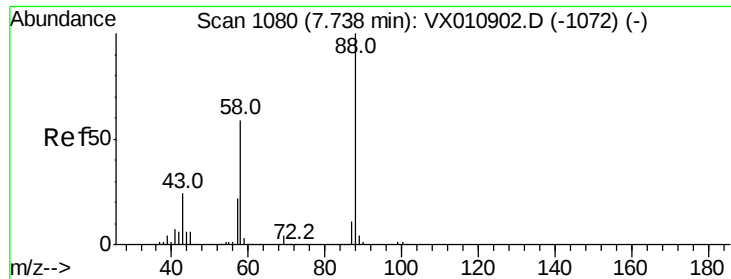
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#48
Methyl methacrylate
Concen: 53.210 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	41	Resp	128529
Ion	Ratio	Lower	Upper
41	100		
69	89.2	74.4	111.6
39	60.8	48.9	73.3





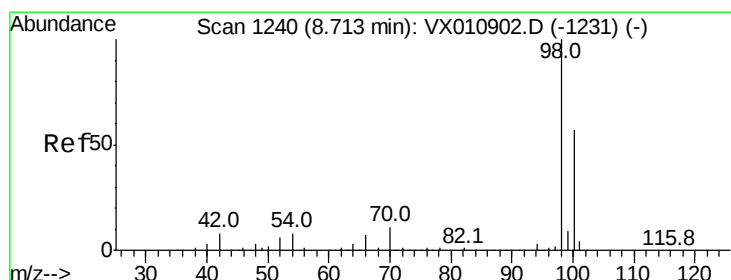
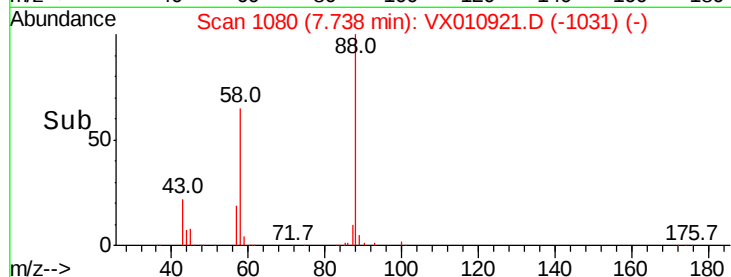
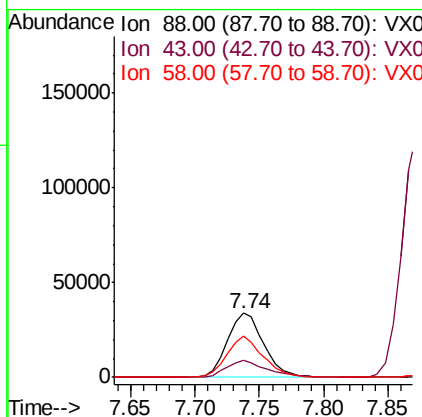
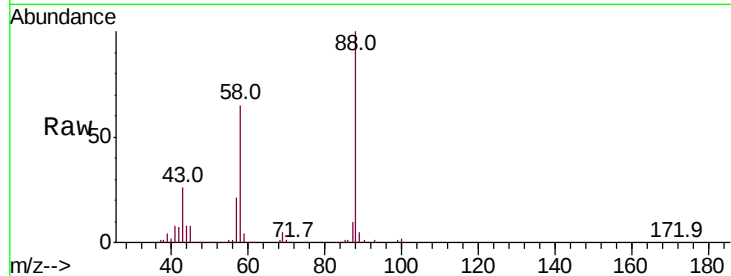
#49
1,4-Dioxane
Concen: 983.053 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	22.9	34.3
58	63.6	49.8	74.8

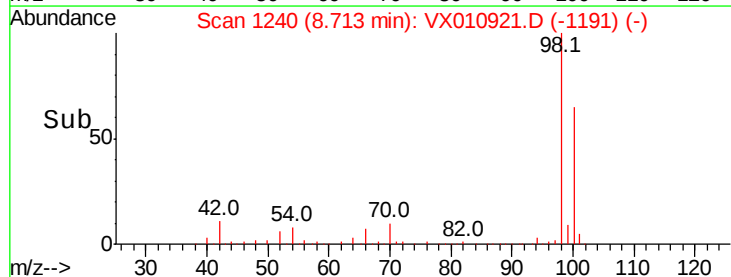
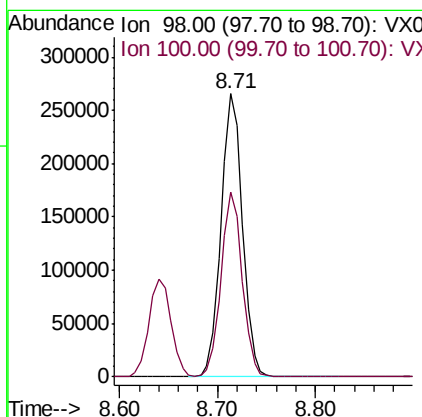
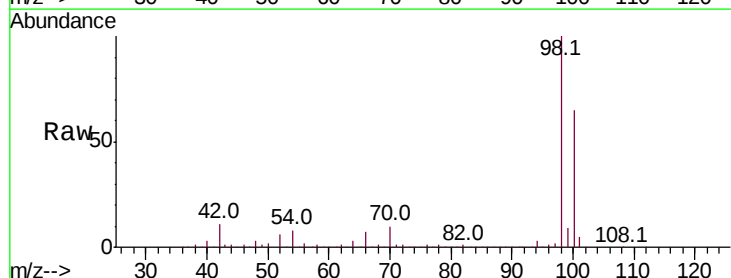
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#50
Toluene-d8
Concen: 47.235 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 262.881 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 844961

Ion Ratio Lower Upper

43 100

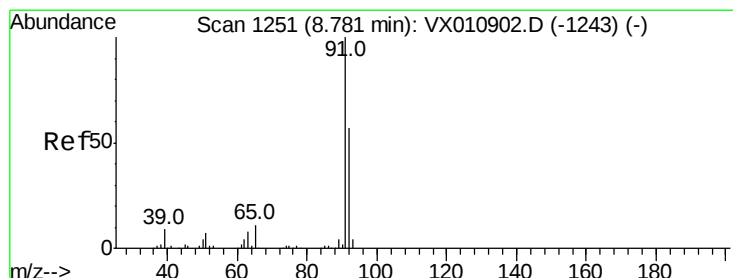
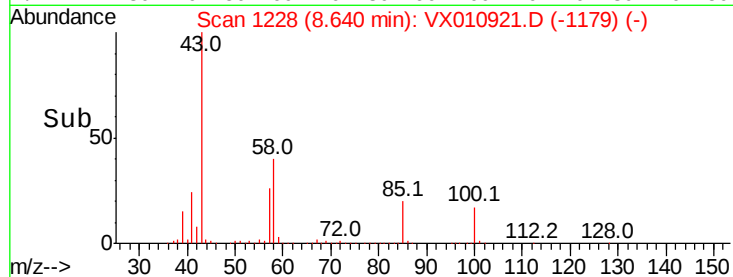
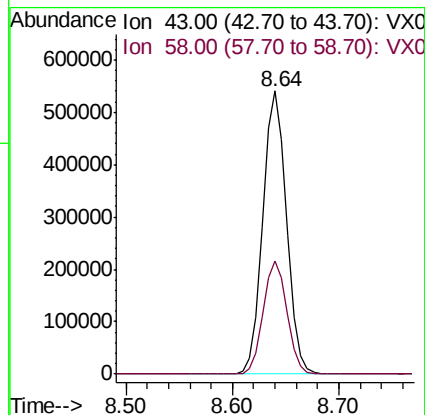
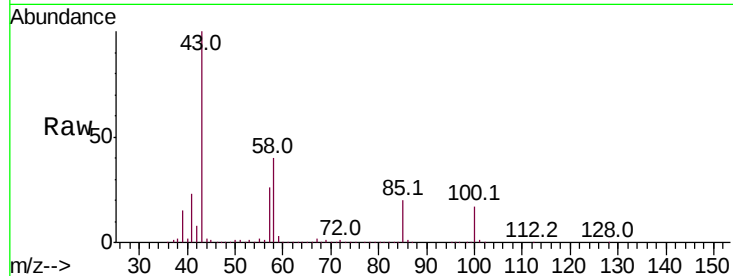
58 40.2 32.2 48.4

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#52

Toluene

Concen: 50.161 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010921.D

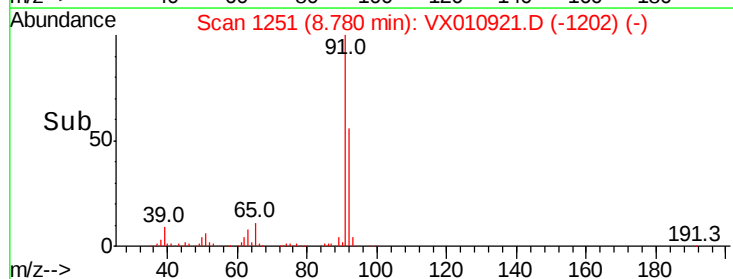
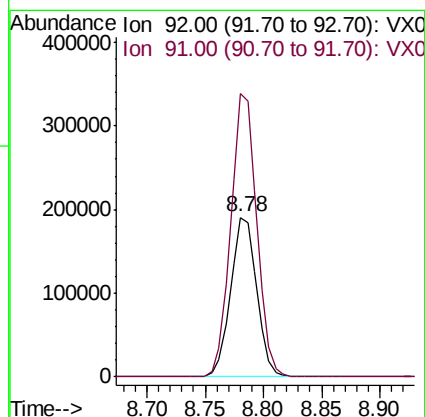
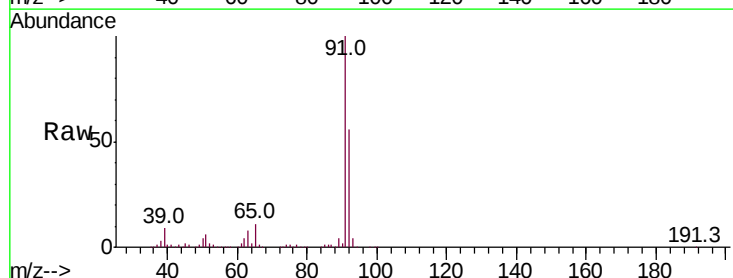
Acq: 16 Jul 2019 20:58

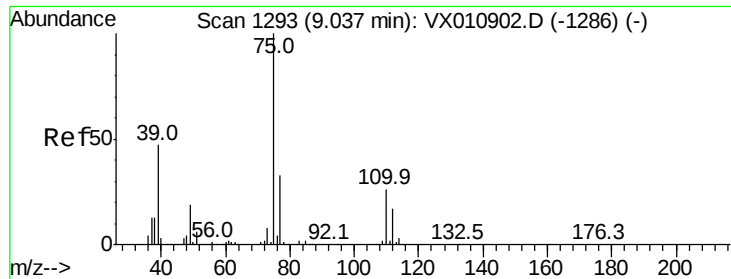
Tgt Ion: 92 Resp: 297258

Ion Ratio Lower Upper

92 100

91 176.9 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 53.671 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 168539

Ion Ratio Lower Upper

75 100

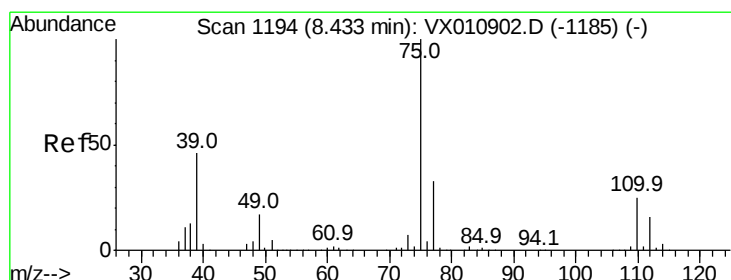
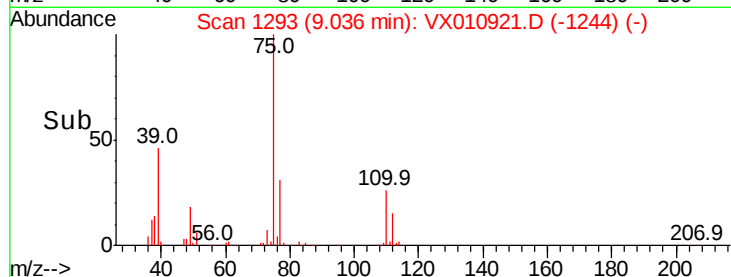
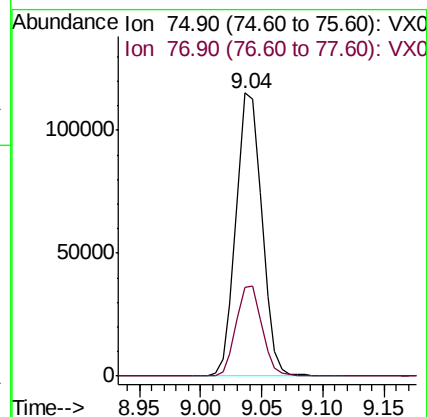
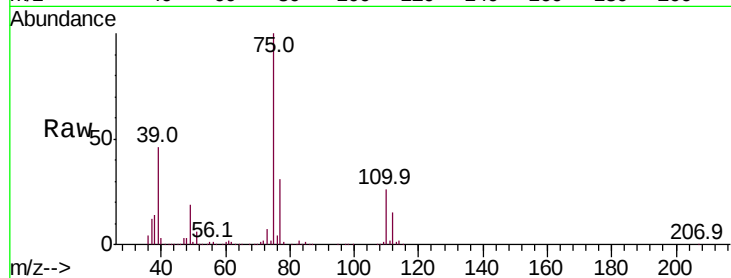
77 31.2 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 52.296 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

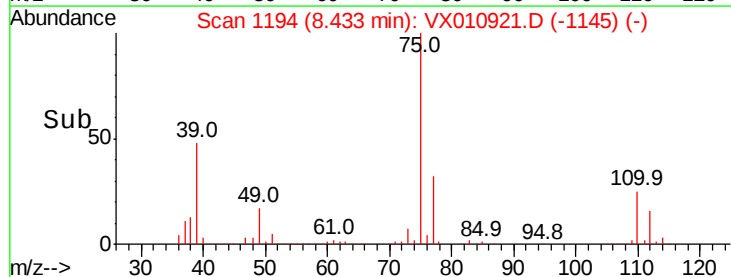
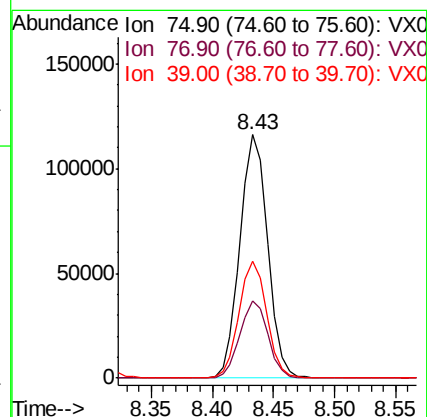
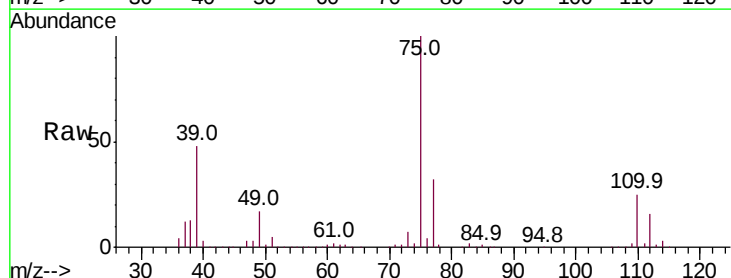
Tgt Ion: 75 Resp: 182736

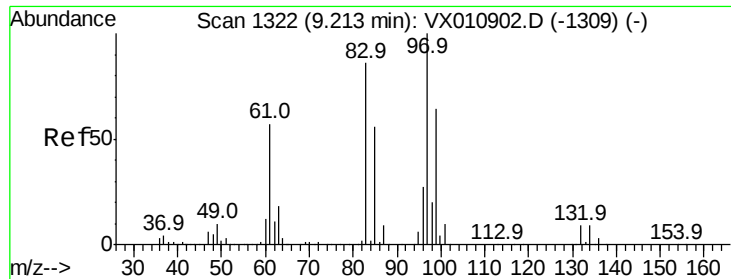
Ion Ratio Lower Upper

75 100

77 31.7 26.1 39.1

39 47.7 36.6 54.8





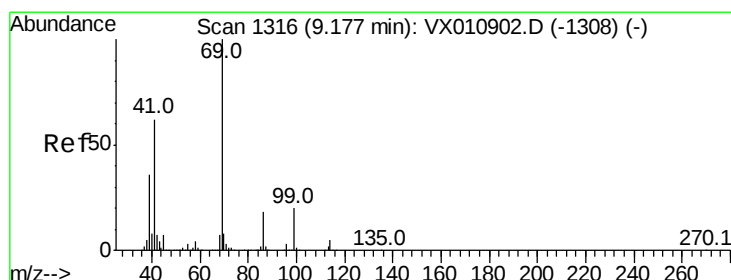
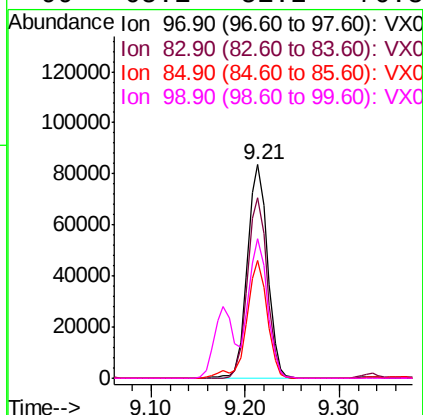
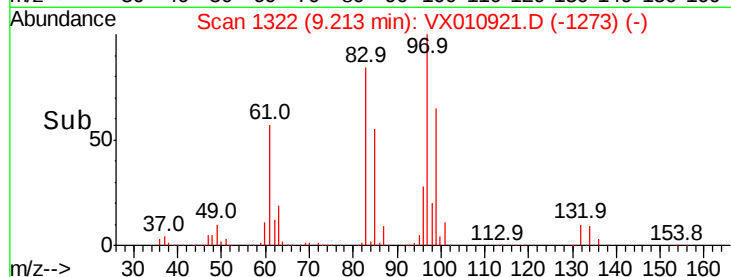
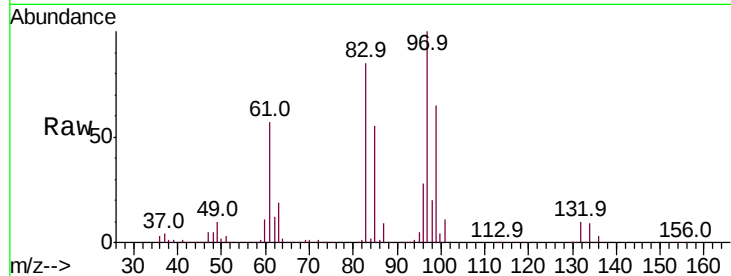
#55
 1,1,2-Trichloroethane
 Concen: 51.007 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	124460
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.2	103.8
85	55.1	44.6	66.8
99	65.1	51.2	76.8

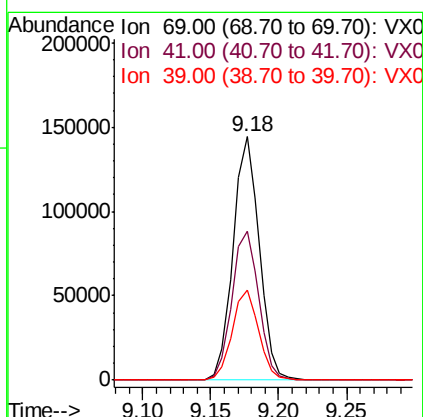
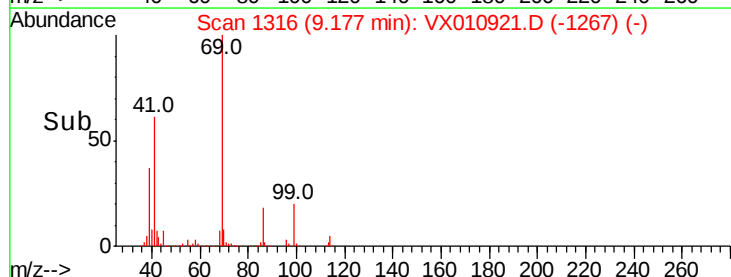
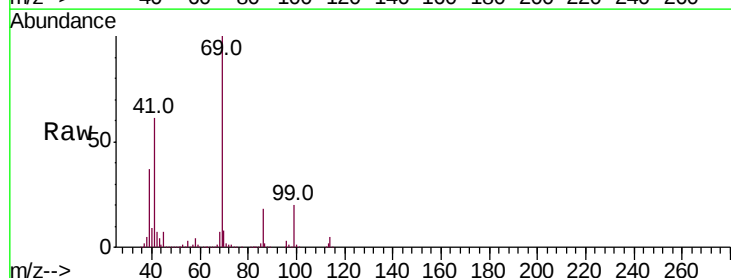
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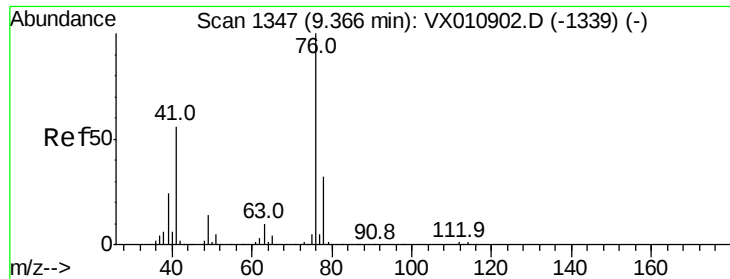
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#56
 Ethyl methacrylate
 Concen: 54.229 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Tgt Ion	69	Resp	193555
Ion	Ratio	Lower	Upper
69	100		
41	62.7	49.7	74.5
39	37.3	29.6	44.4





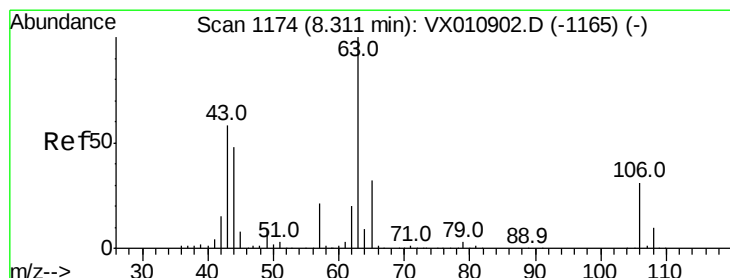
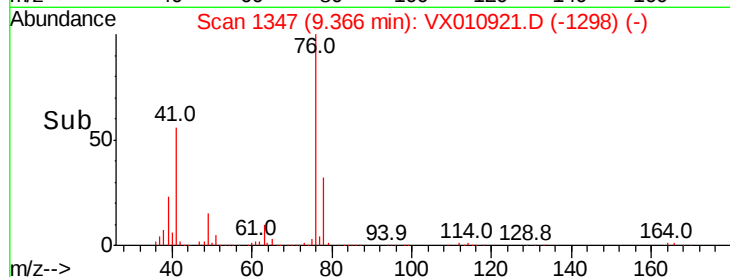
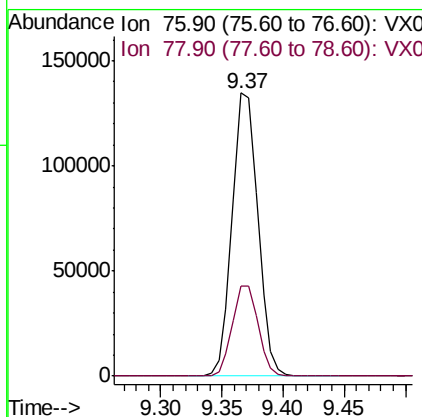
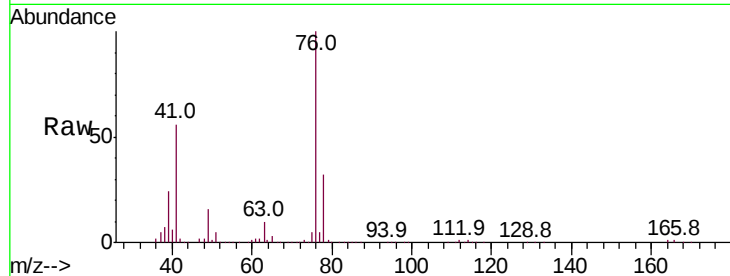
#57
 1,3-Dichloropropane
 Concen: 50.599 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 195861
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.6 38.4

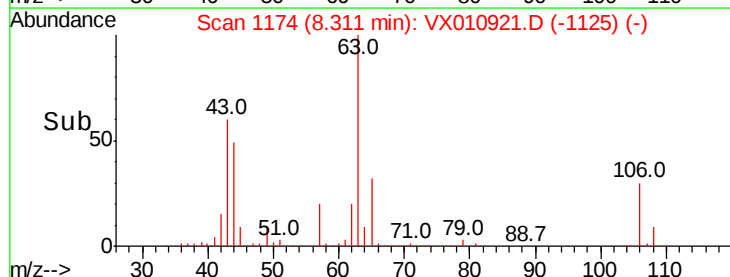
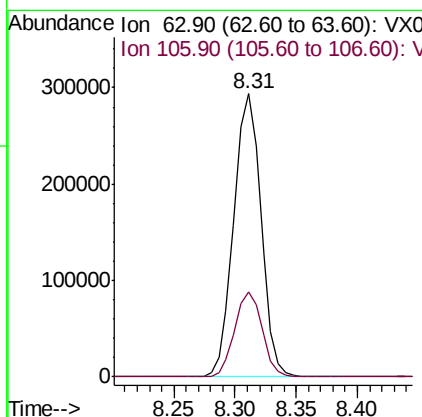
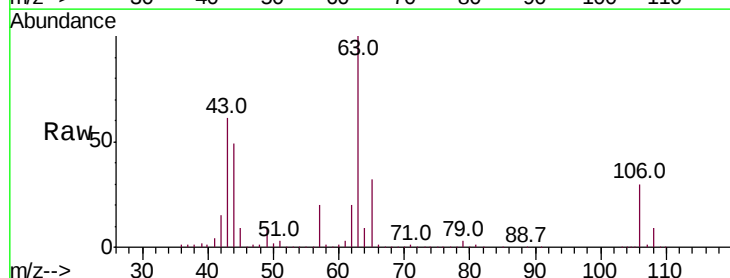
Manual Integrations
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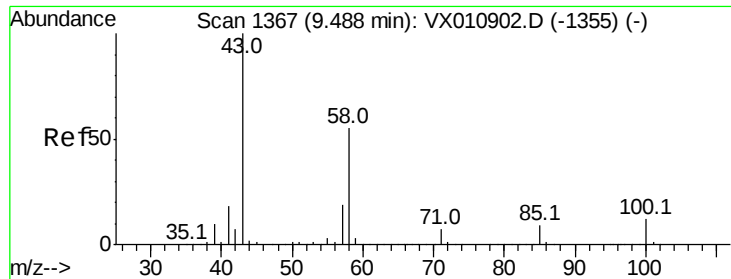
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#58
 2-Chloroethyl Vinyl ether
 Concen: 266.060 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Tgt Ion: 63 Resp: 453314
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.0 36.0





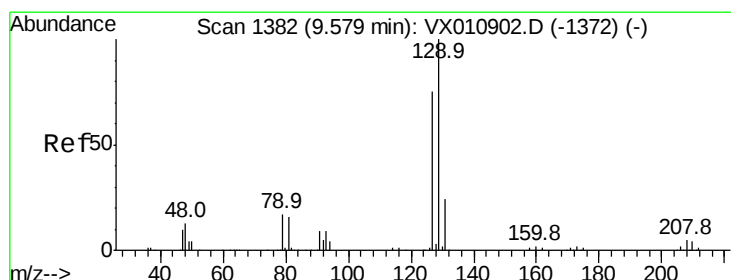
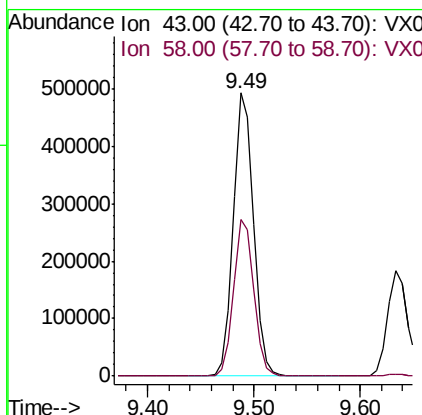
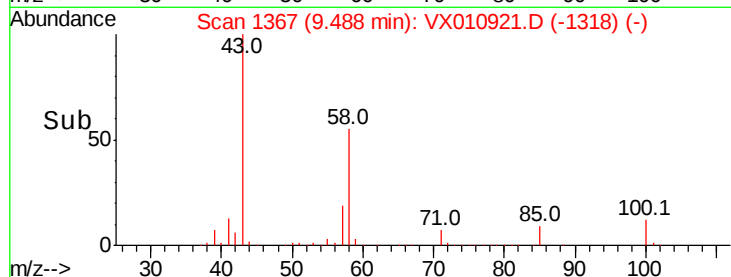
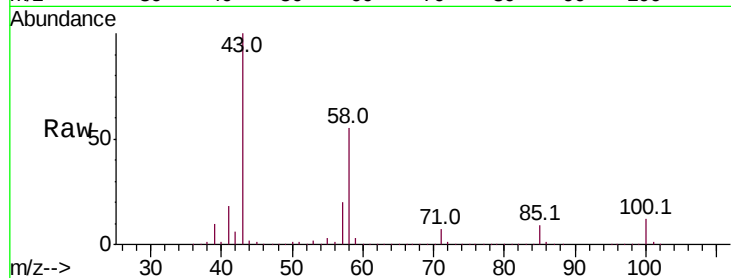
#59
2-Hexanone
Concen: 263.690 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 657383
Ion Ratio Lower Upper
43 100
58 55.7 28.0 83.9

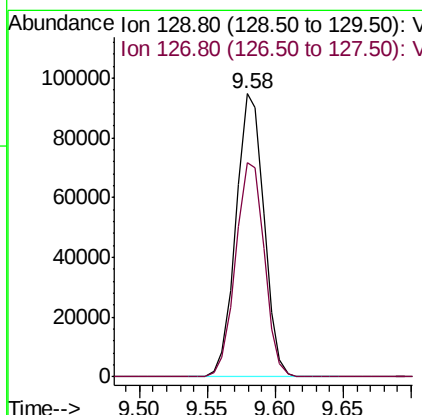
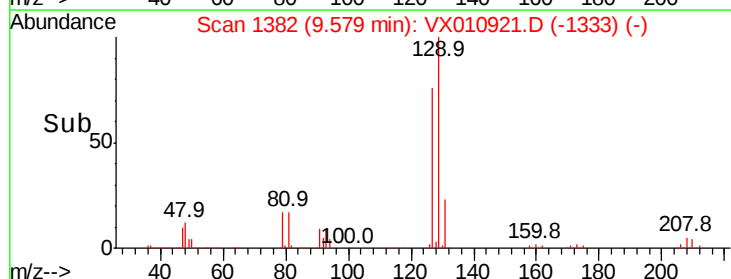
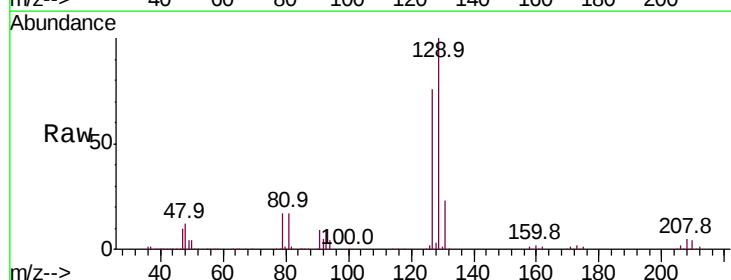
Manual Integrations
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#60
Dibromochloromethane
Concen: 48.662 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion:129 Resp: 136452
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.001 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 134659

Ion Ratio Lower Upper

107 100

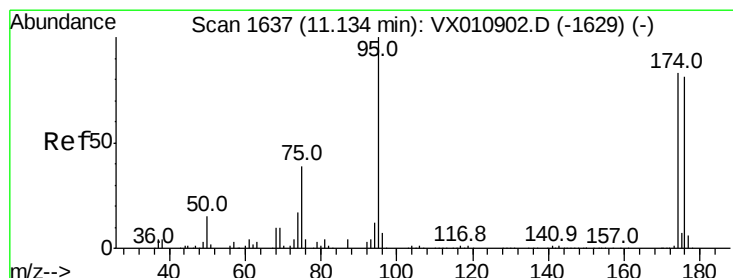
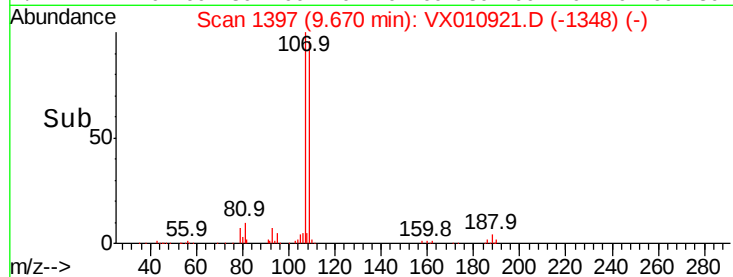
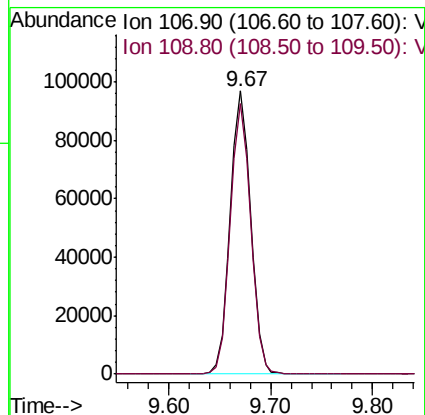
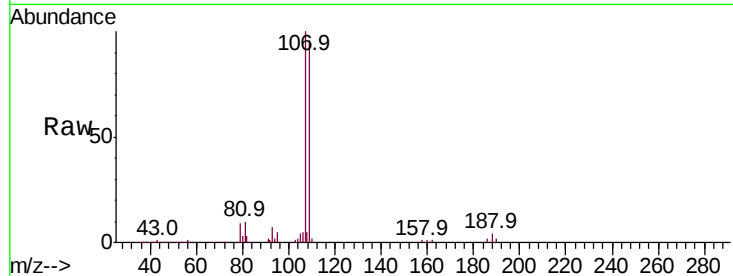
109 95.5 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.062 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

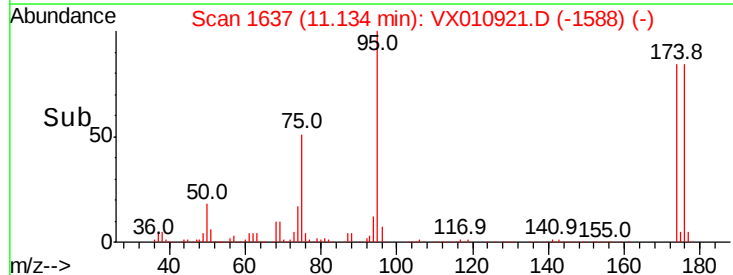
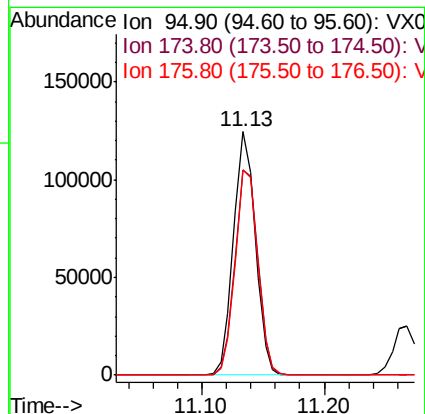
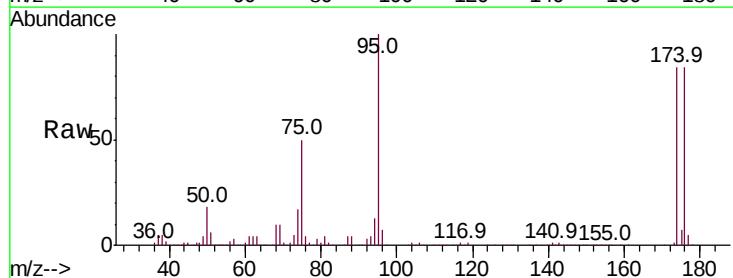
Tgt Ion: 95 Resp: 153917

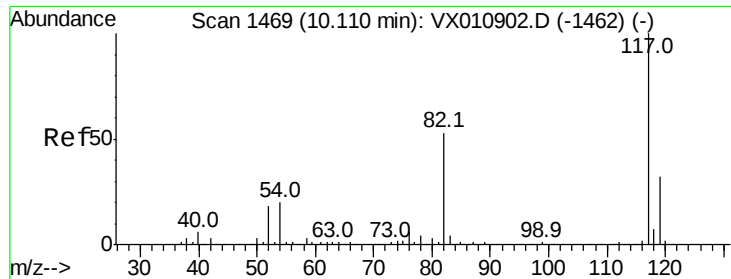
Ion Ratio Lower Upper

95 100

174 88.5 0.0 180.6

176 86.9 0.0 173.8





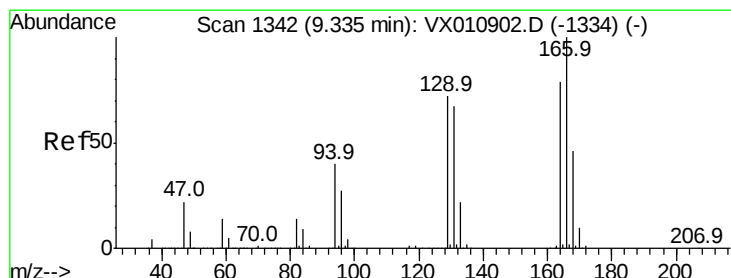
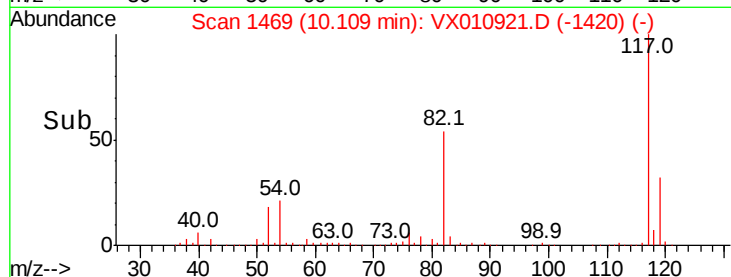
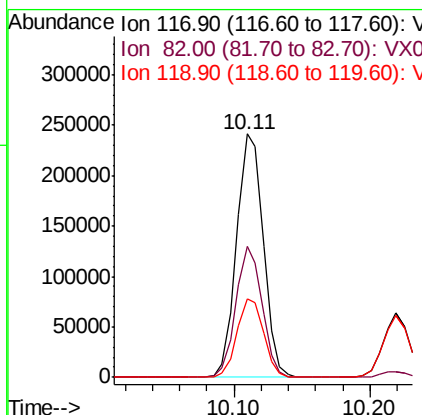
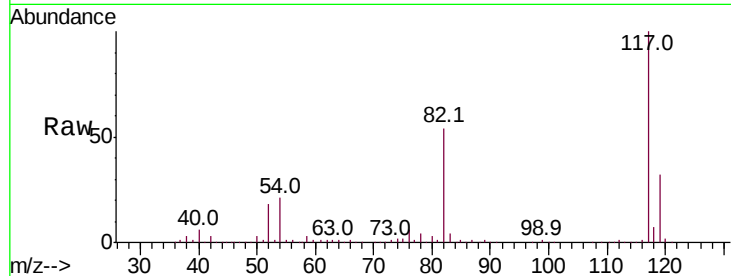
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	63.8
119	32.5	25.9	38.9

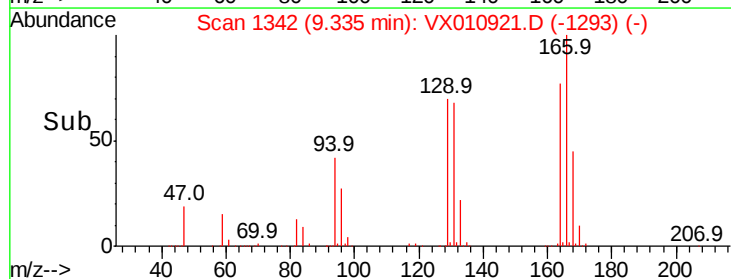
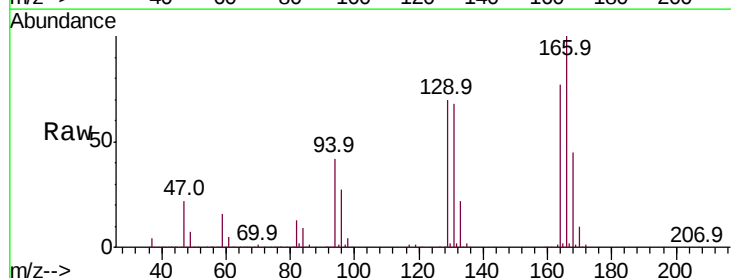
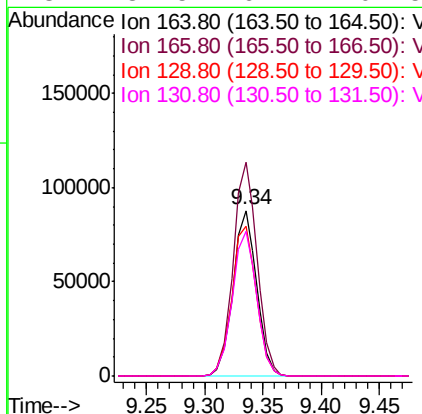
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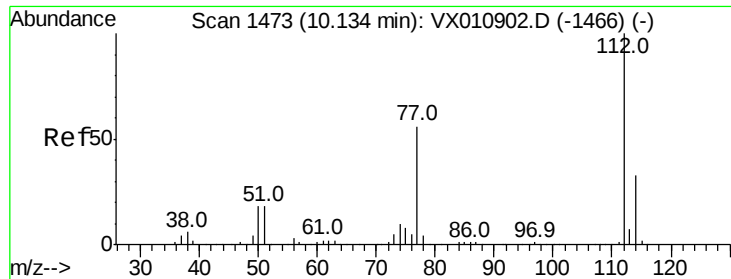
MMDadoda
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#64
Tetrachloroethene
Concen: 47.771 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	100.8	151.2
129	90.3	72.6	109.0
131	87.5	67.7	101.5





#65

Chlorobenzene

Concen: 49.634 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 336261

Ion Ratio Lower Upper

112 100

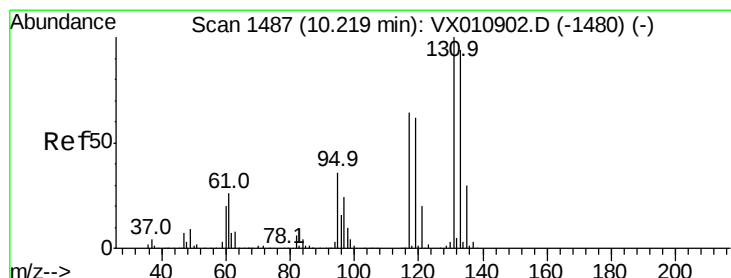
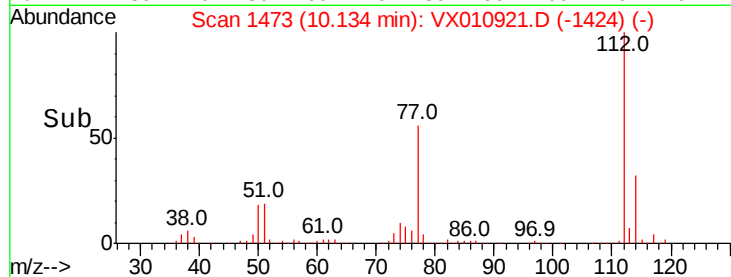
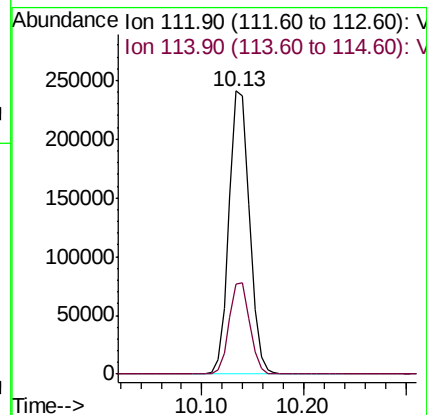
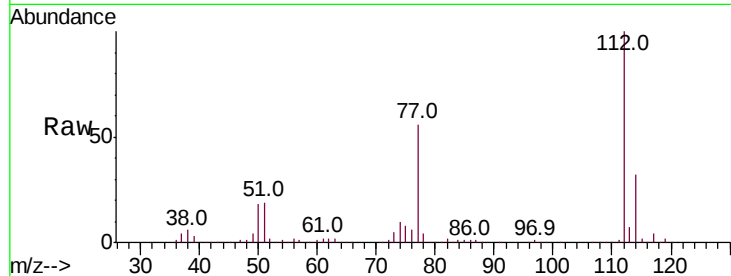
114 32.0 26.2 39.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.025 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

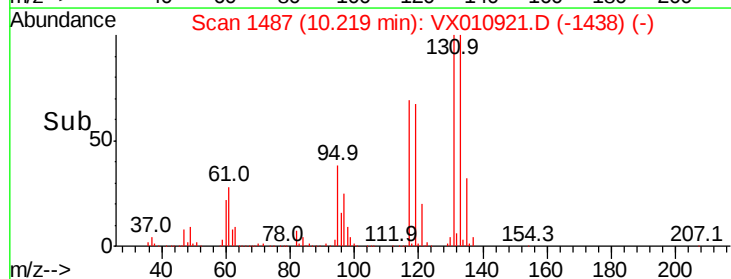
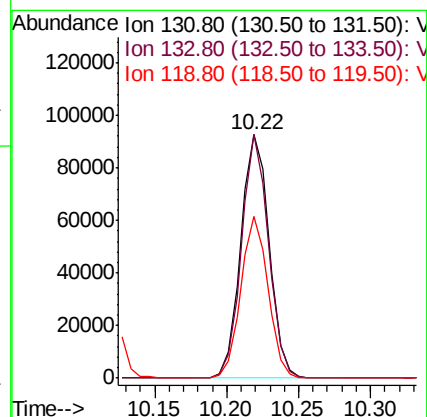
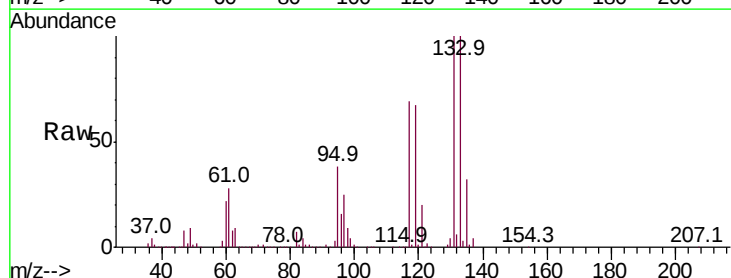
Tgt Ion:131 Resp: 126256

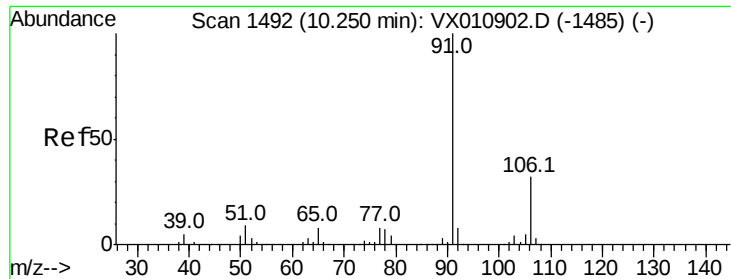
Ion Ratio Lower Upper

131 100

133 95.2 47.1 141.4

119 64.5 31.9 95.7





#67

Ethyl Benzene

Concen: 51.695 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 596128

Ion Ratio Lower Upper

91 100

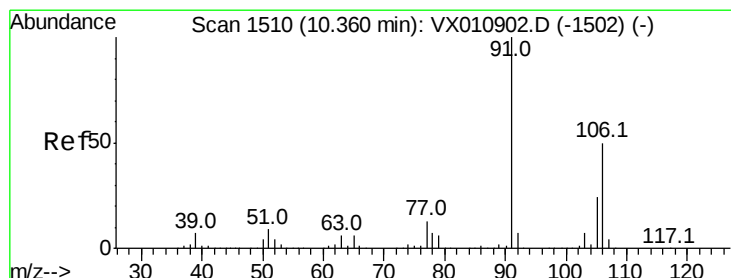
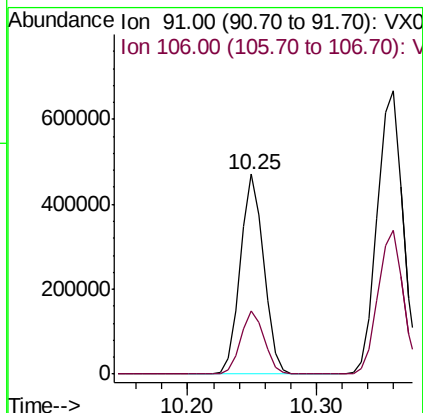
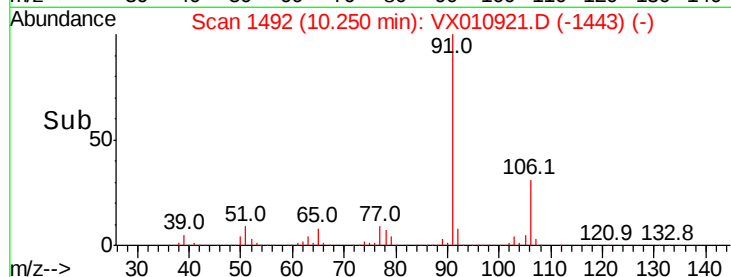
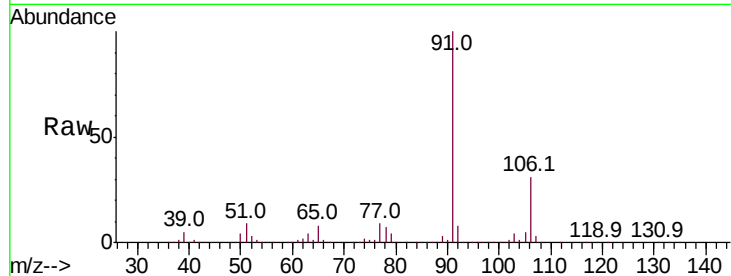
106 31.4 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 103.147 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010921.D

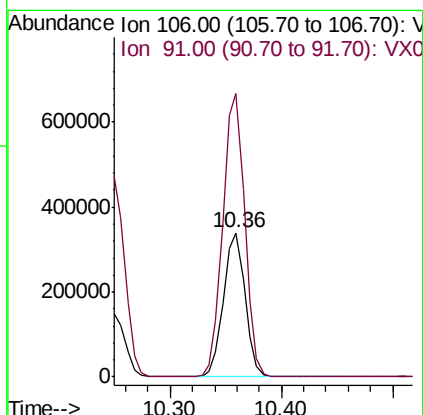
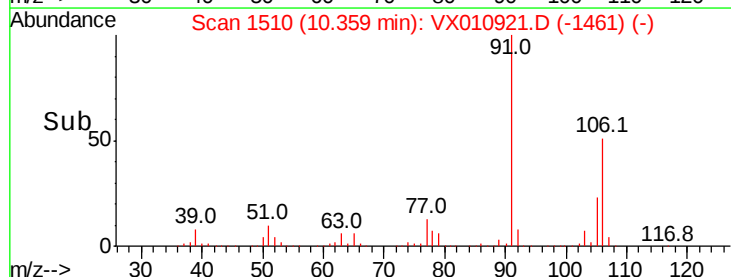
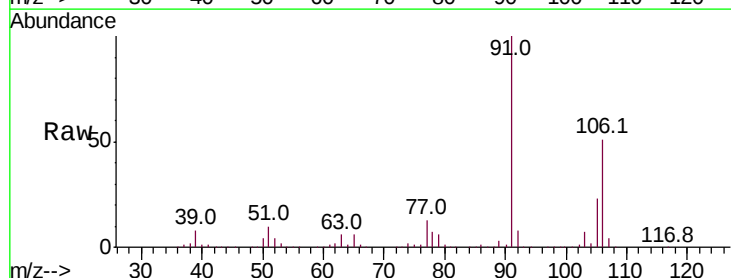
Acq: 16 Jul 2019 20:58

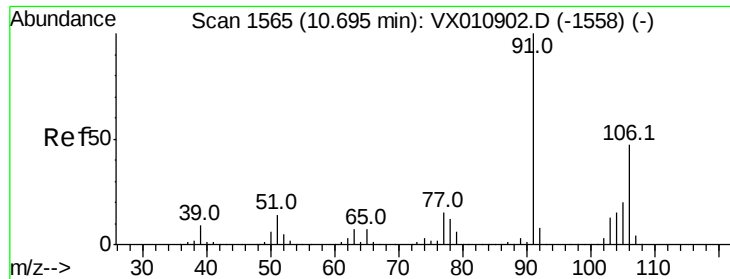
Tgt Ion: 106 Resp: 456263

Ion Ratio Lower Upper

106 100

91 199.7 160.1 240.1





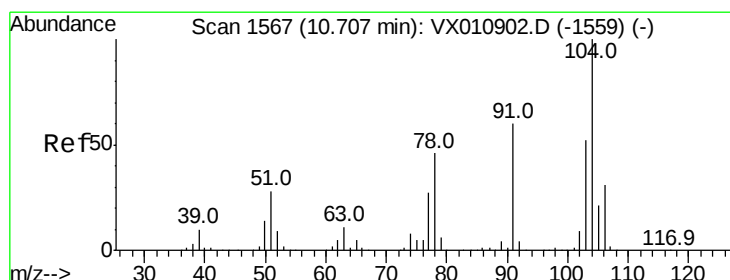
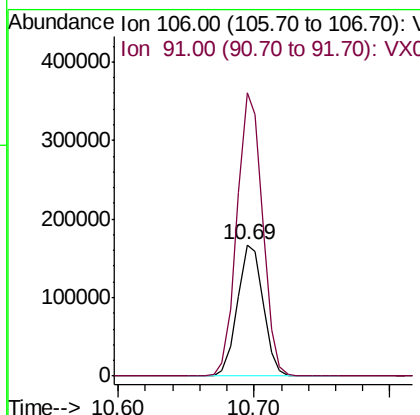
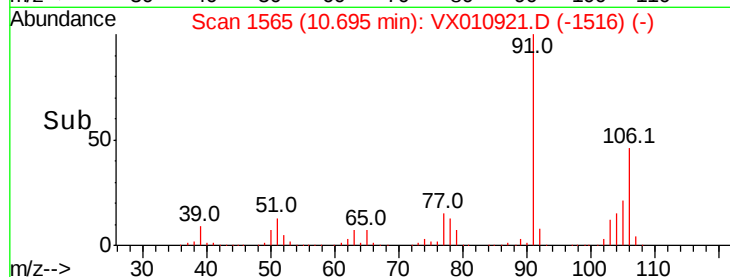
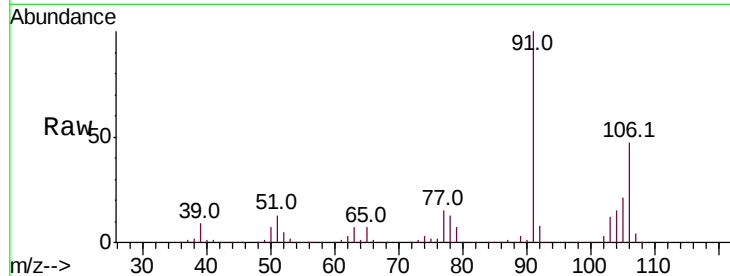
#69
o-Xylene
Concen: 50.874 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.3	105.1	315.3

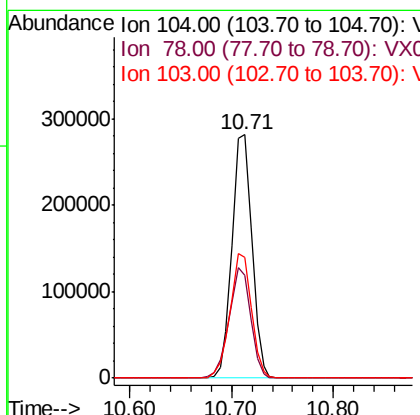
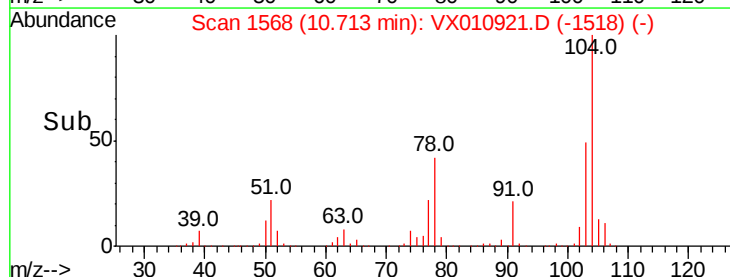
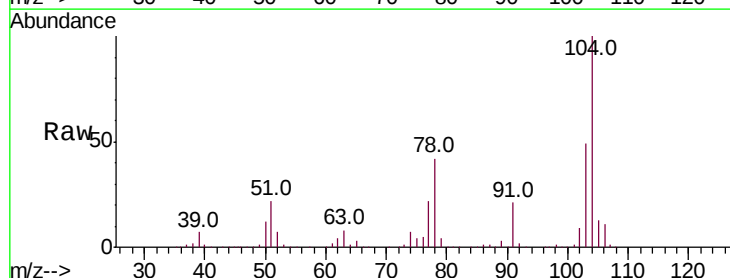
Manual Integrations
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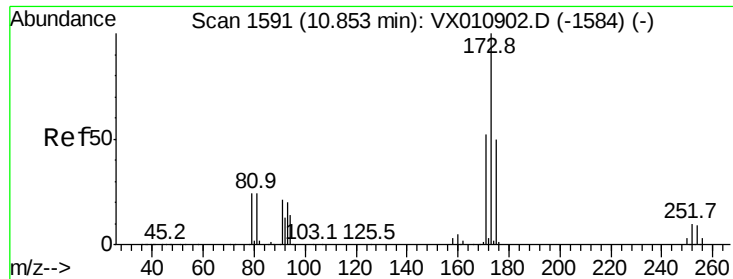
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#70
Styrene
Concen: 52.878 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.8	58.2
103	54.5	44.2	66.4





#71

Bromoform

Concen: 48.166 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 104210

Ion Ratio Lower Upper

173 100

175 50.1 24.6 73.6

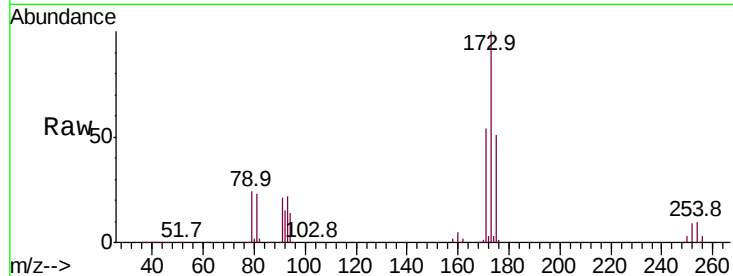
254 0.2 0.1 0.1#

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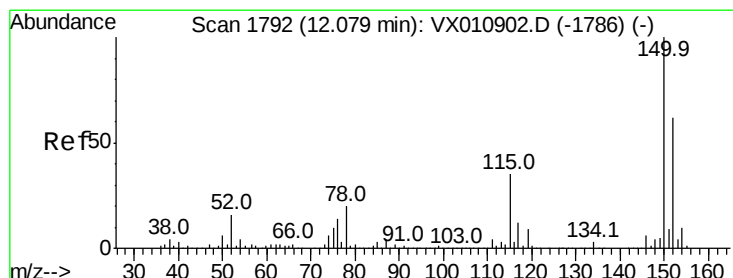
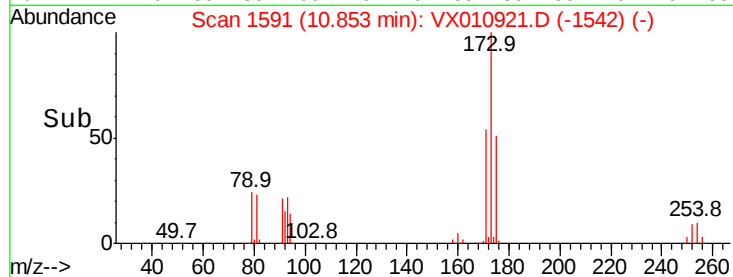
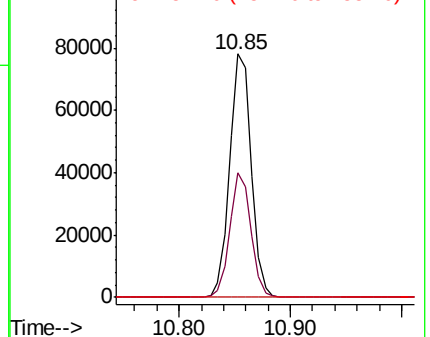
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

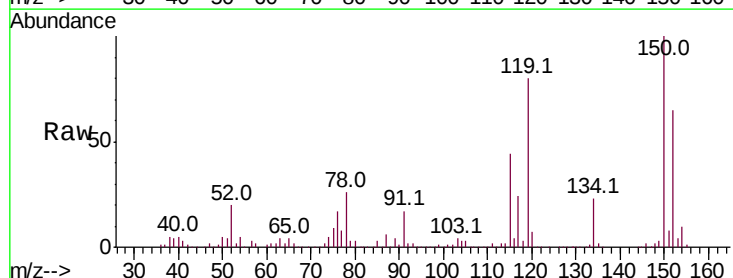
Tgt Ion:152 Resp: 173655

Ion Ratio Lower Upper

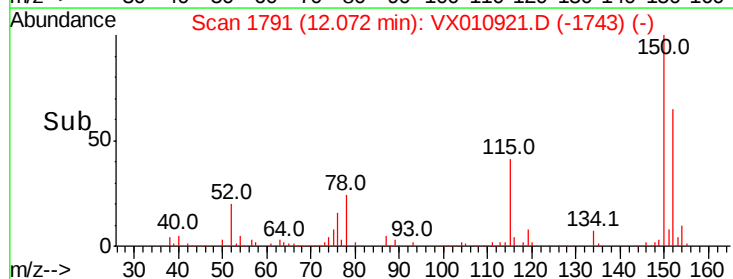
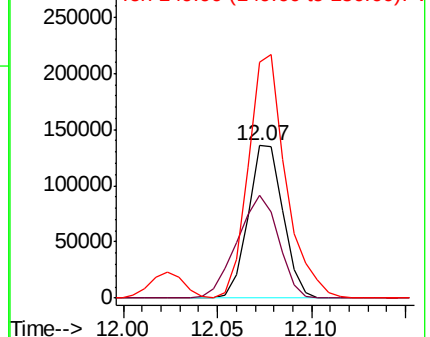
152 100

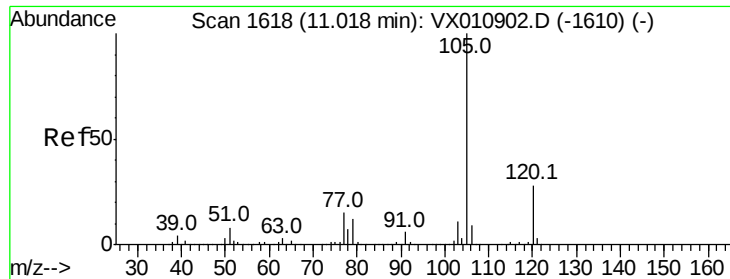
115 80.8 39.7 119.1

150 172.3 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: 50.430 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 591741

Ion Ratio Lower Upper

105 100

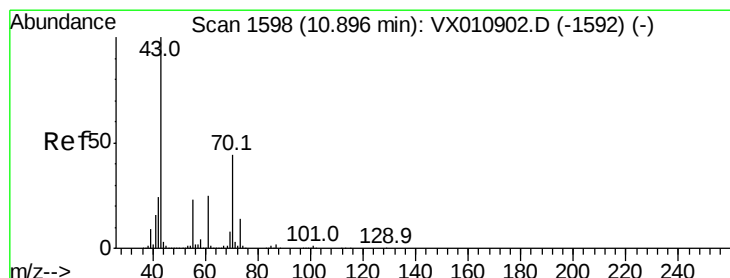
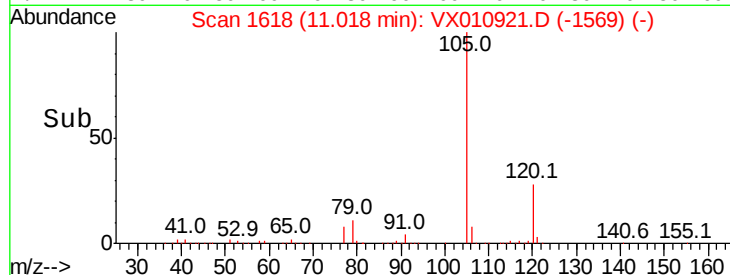
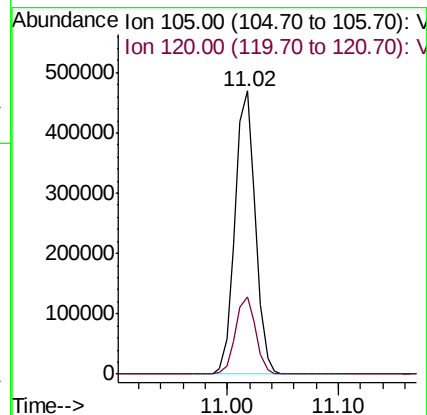
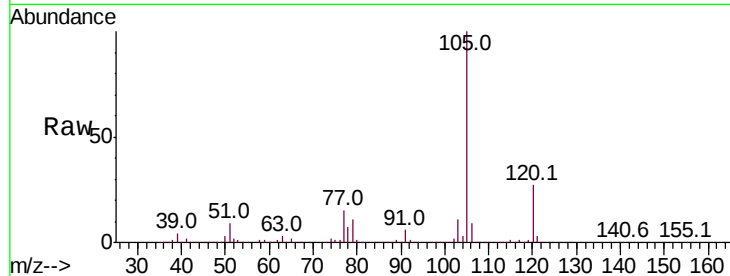
120 27.3 13.7 41.1

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#74

N-ethyl acetate

Concen: 53.034 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion: 43 Resp: 237772

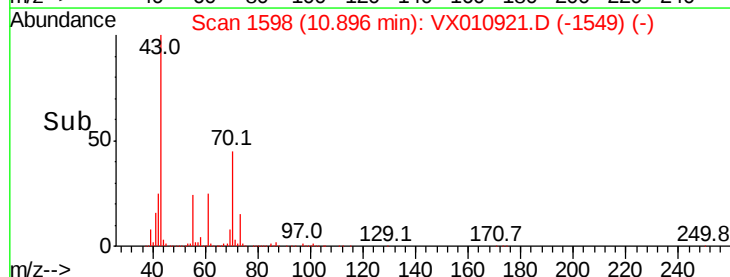
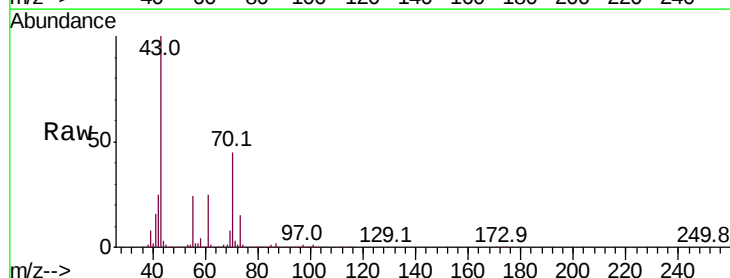
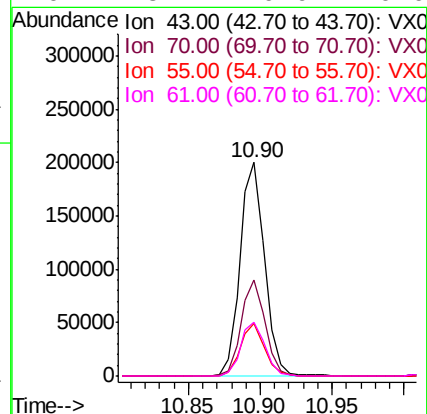
Ion Ratio Lower Upper

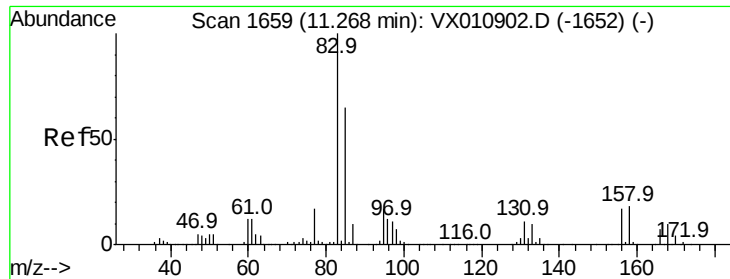
43 100

70 44.1 34.7 52.1

55 24.2 19.1 28.7

61 25.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 50.771 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

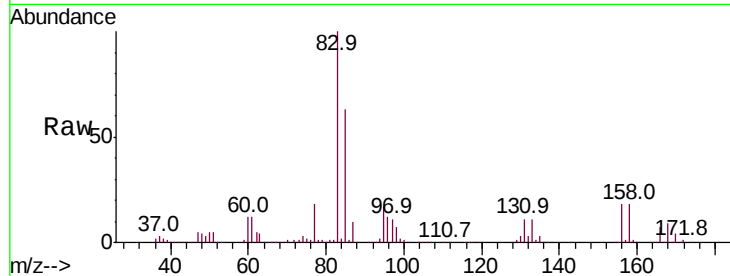
ClientSampleId :

VSTDCCC050EC

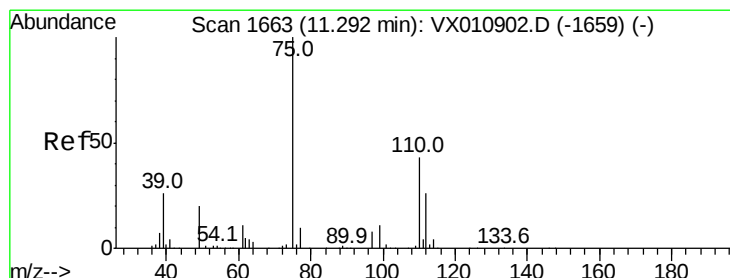
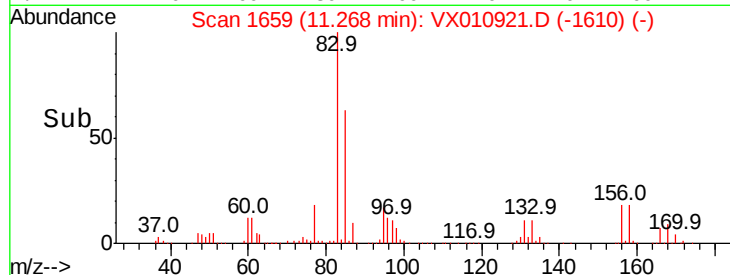
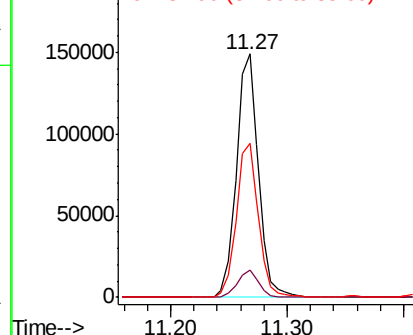
Tot Ion:	83	Resp:	194958
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.4
85	63.8	32.3	96.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 52.518 ug/l m

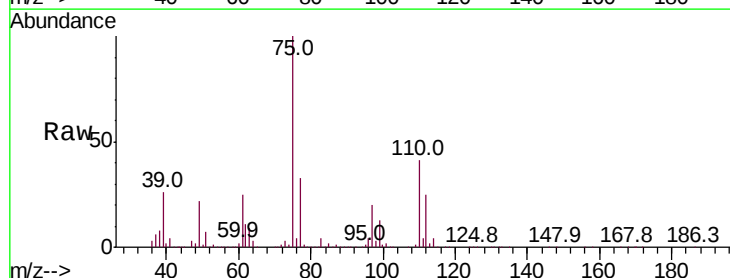
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

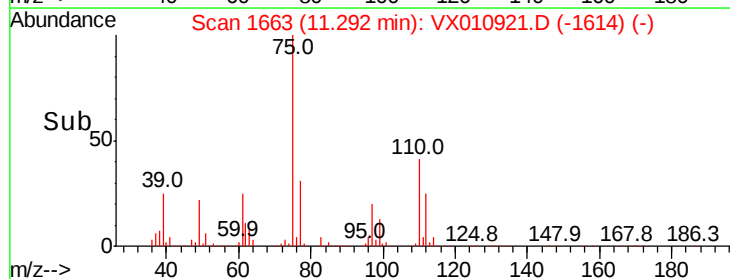
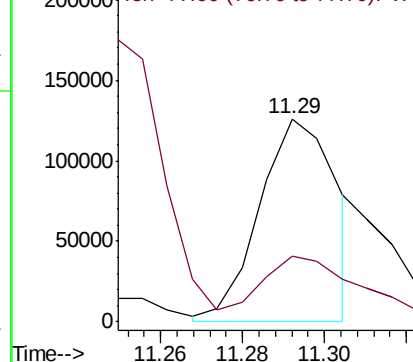
Lab File: VX010921.D

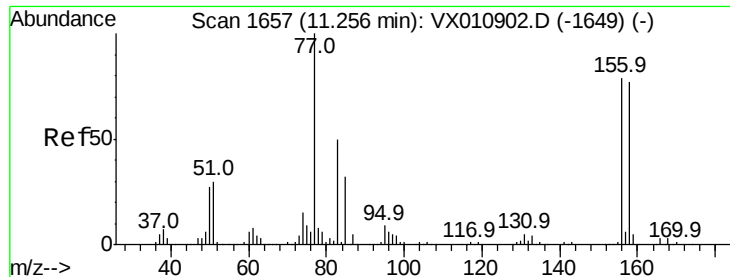
Acq: 16 Jul 2019 20:58

Tgt Ion:	75	Resp:	164577
Ion Ratio	Lower	Upper	
75	100		
77	42.5	21.3	64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.802 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 161188

Ion Ratio Lower Upper

156 100

77 141.5 68.7 206.1

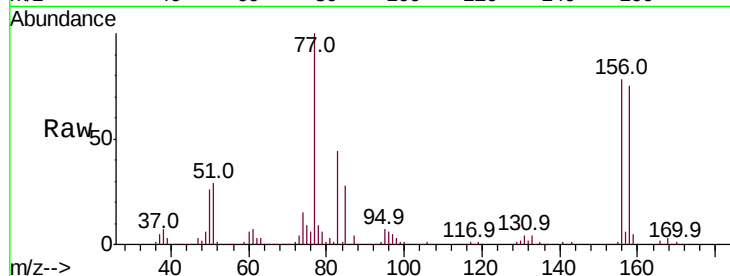
158 97.7 47.9 143.7

Manual Integrations

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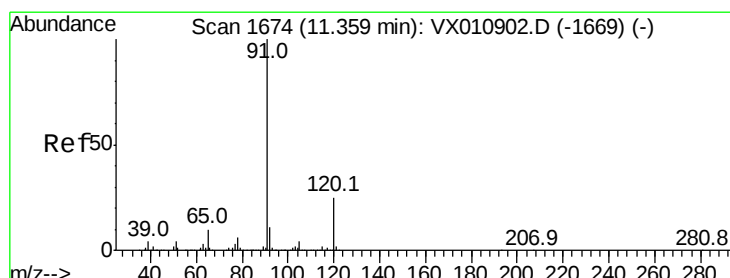
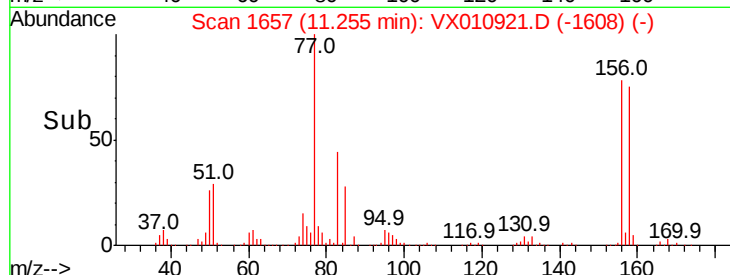
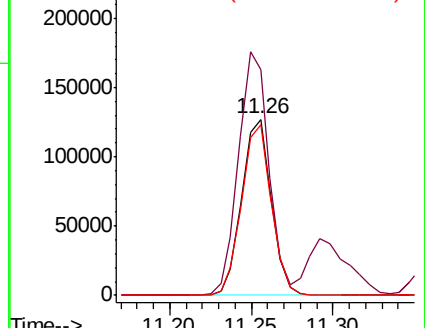
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.448 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010921.D

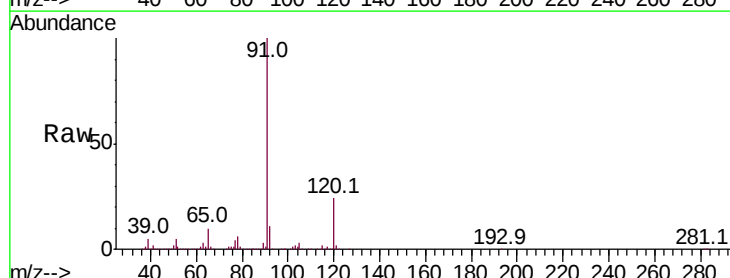
Acq: 16 Jul 2019 20:58

Tgt Ion: 91 Resp: 667017

Ion Ratio Lower Upper

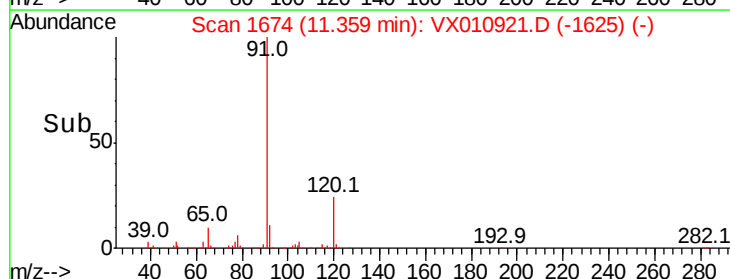
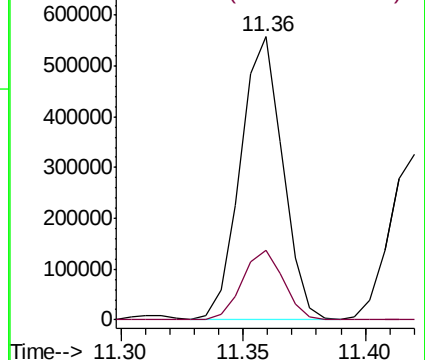
91 100

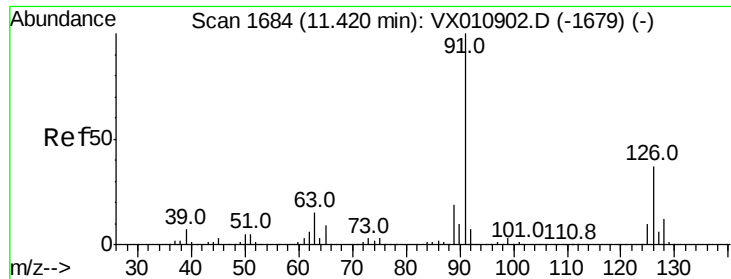
120 24.2 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





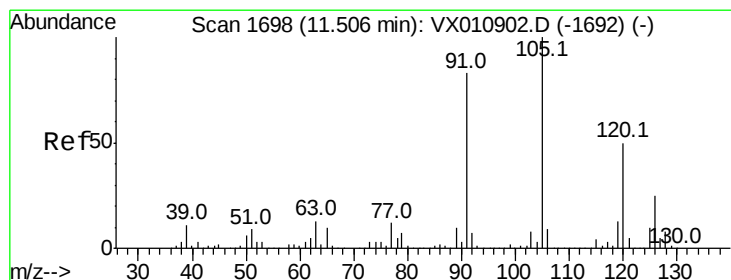
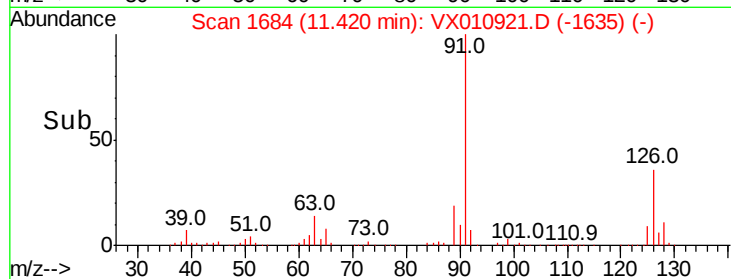
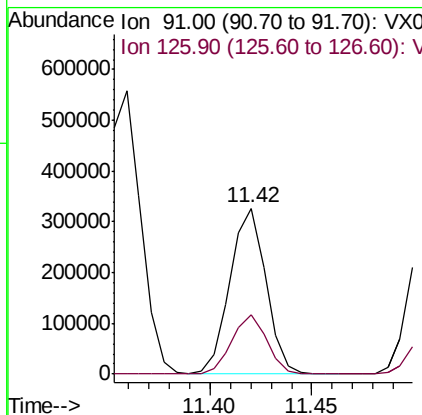
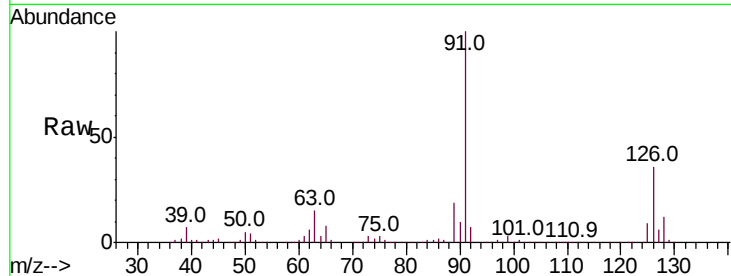
#79
2-Chlorotoluene
Concen: 50.918 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 396562
Ion Ratio Lower Upper
91 100
126 35.3 18.0 54.0

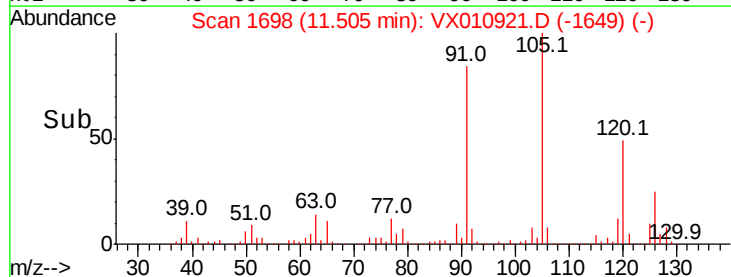
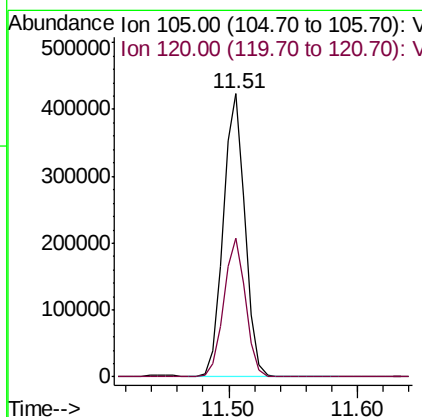
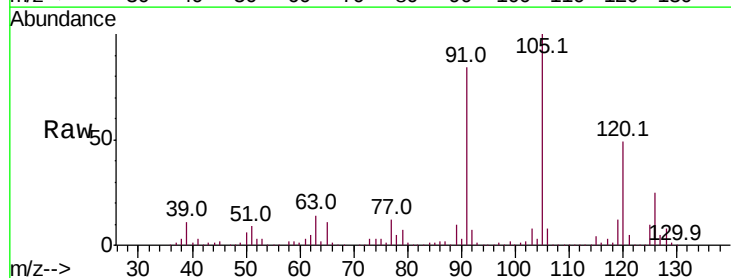
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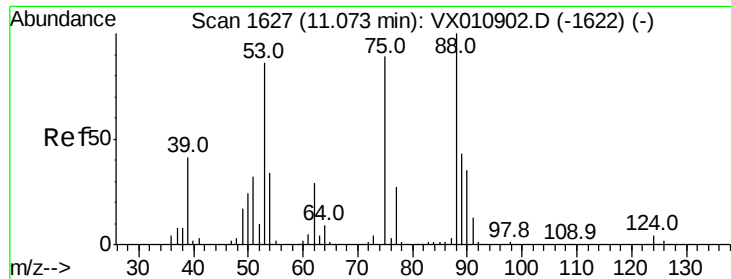
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#80
1,3,5-Trimethylbenzene
Concen: 51.264 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion: 105 Resp: 502636
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.8





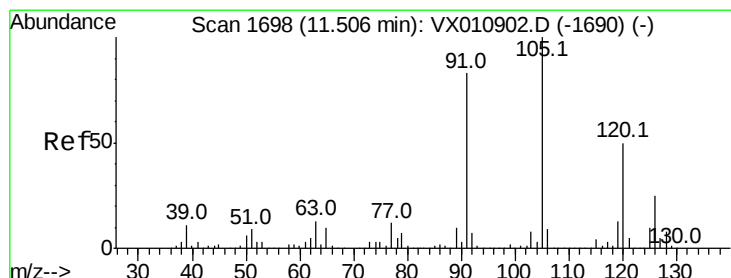
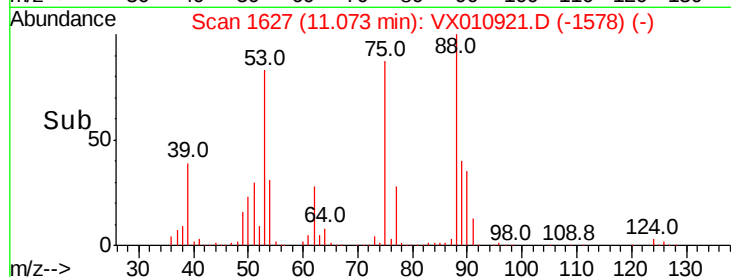
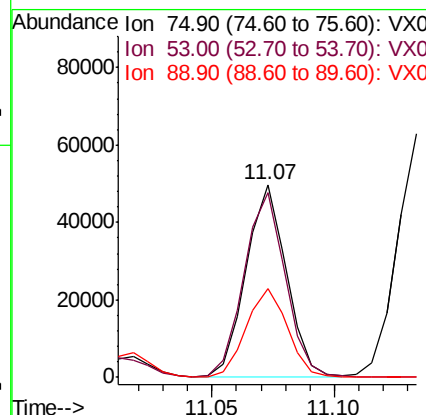
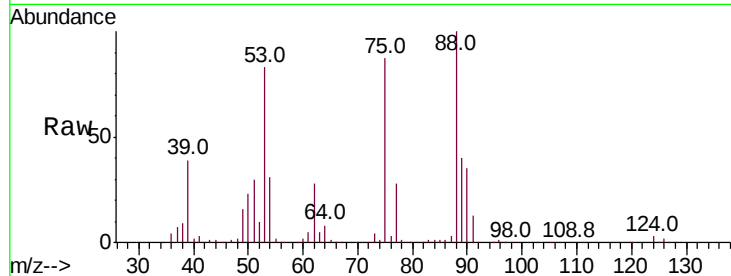
#81
trans-1,4-Dichloro-2-butene
Concen: 46.429 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.4	76.7	115.1
89	47.3	38.5	57.7

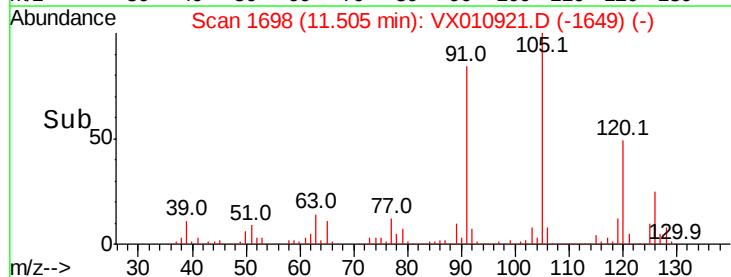
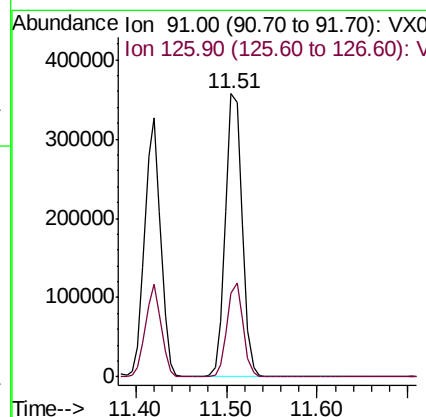
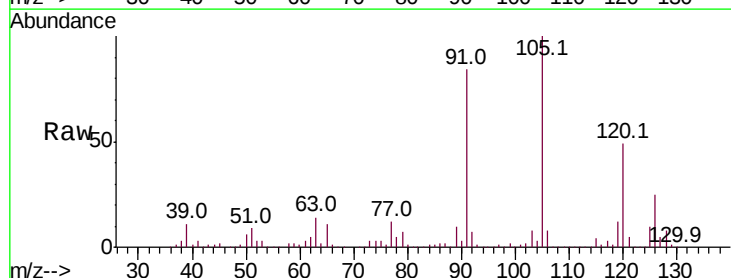
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#82
4-Chlorotoluene
Concen: 51.142 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.9	47.7





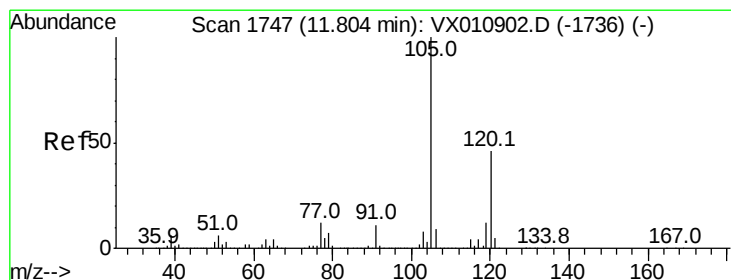
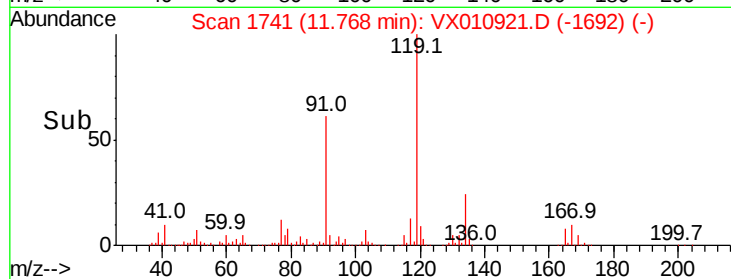
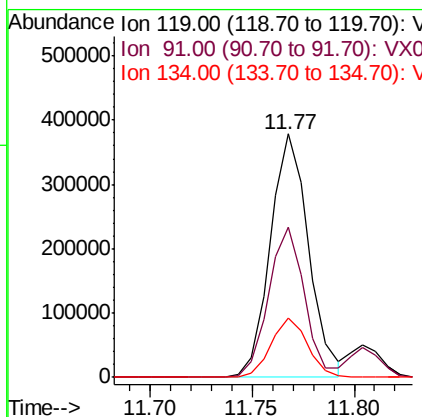
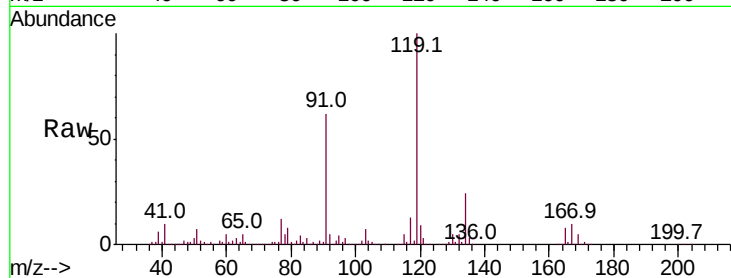
#83
 tert-Butylbenzene
 Concen: 51.364 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.3	28.6	85.8
134	23.3	11.6	34.8

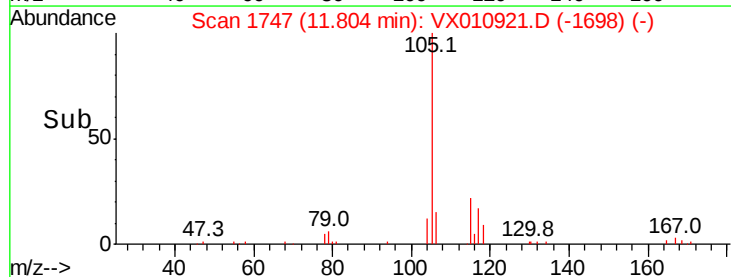
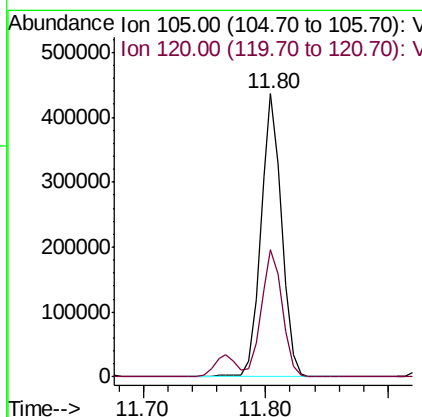
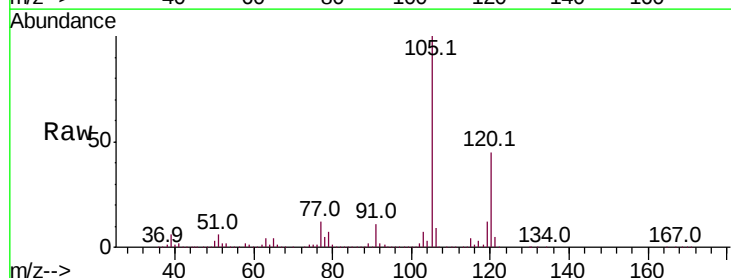
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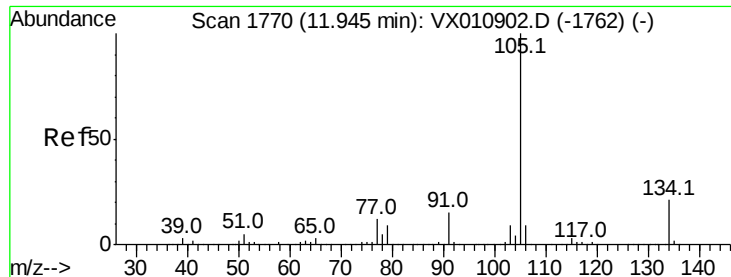
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.199 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.5





#85

sec-Butylbenzene

Concen: 51.740 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 583868

Ion Ratio Lower Upper

105 100

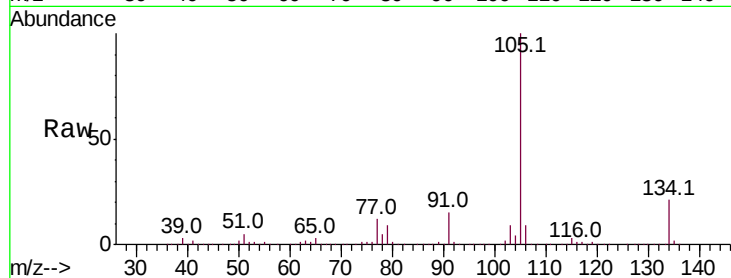
134 20.4 10.4 31.4

Manual Integrations

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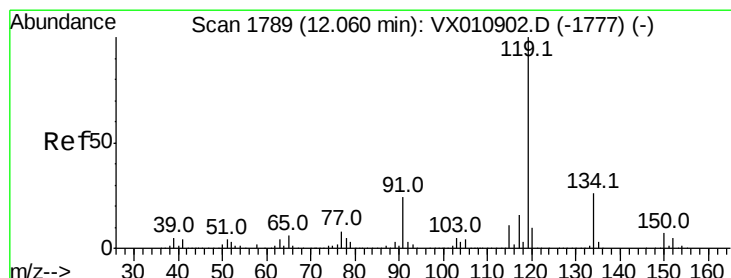
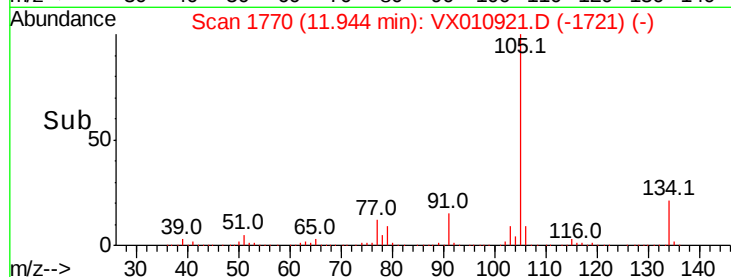
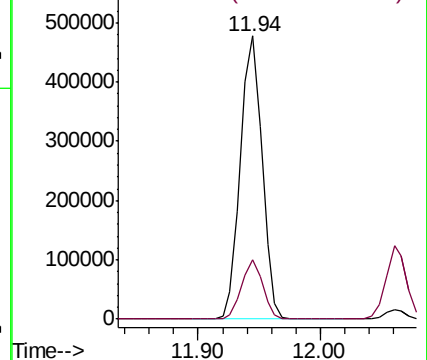
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.877 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

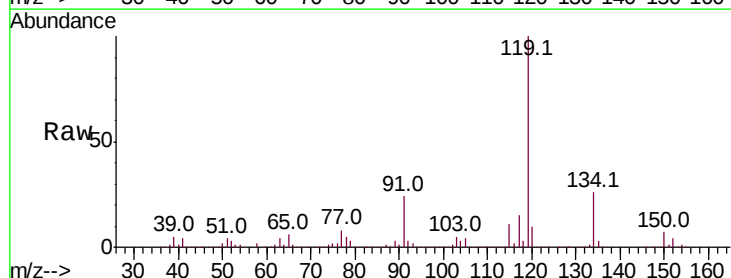
Tgt Ion:119 Resp: 541219

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

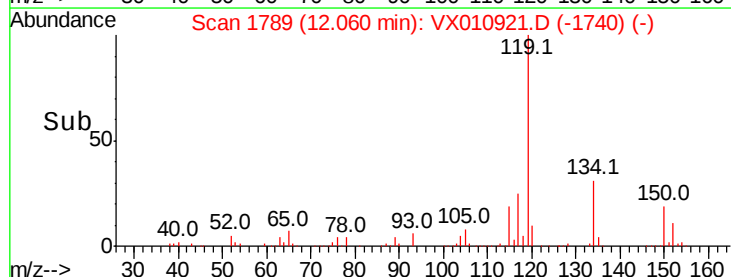
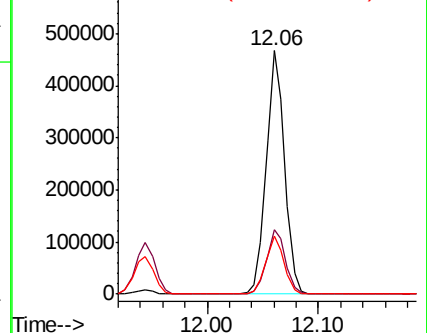
91 23.8 11.8 35.4

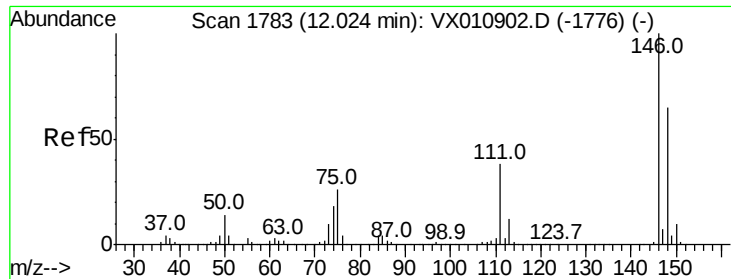


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





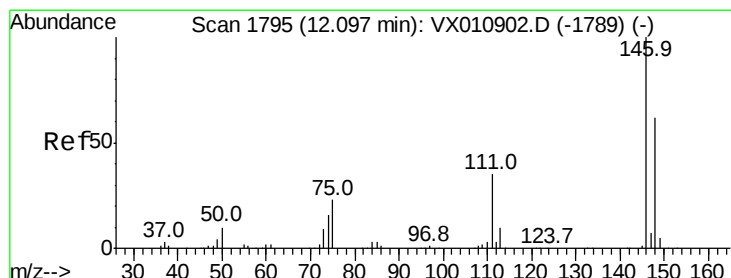
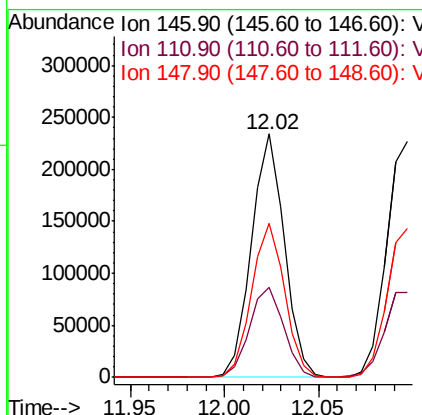
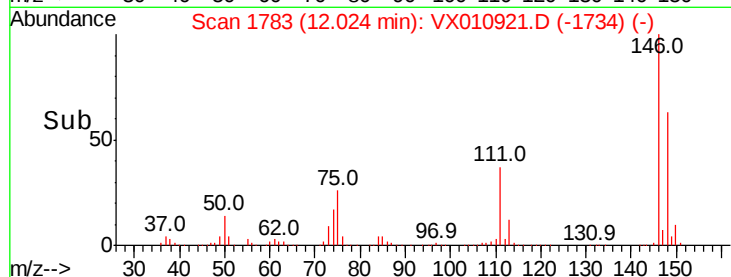
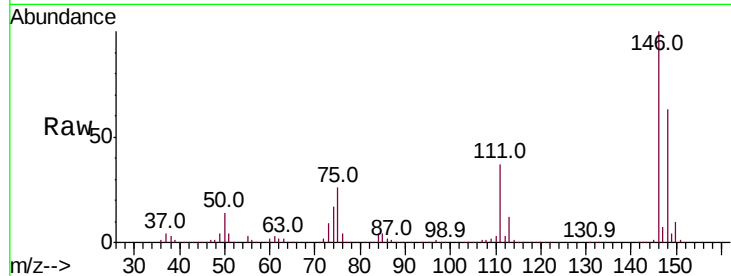
#87
 1,3-Dichlorobenzene
 Concen: 50.582 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	63.6	32.2	96.6

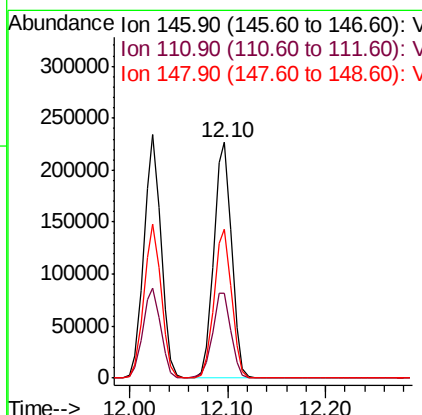
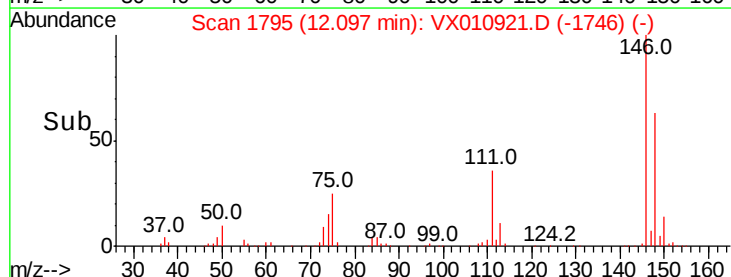
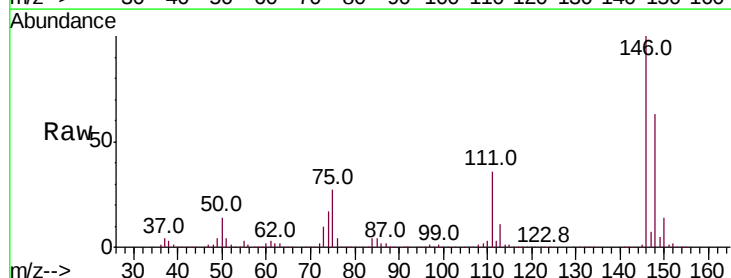
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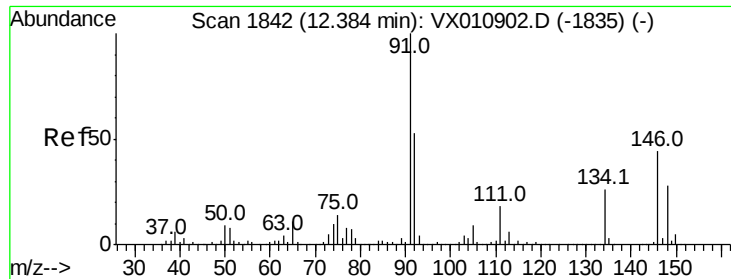
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#88
 1,4-Dichlorobenzene
 Concen: 49.531 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	62.7	31.6	94.7





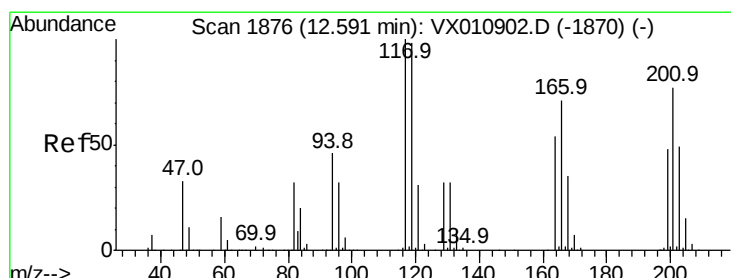
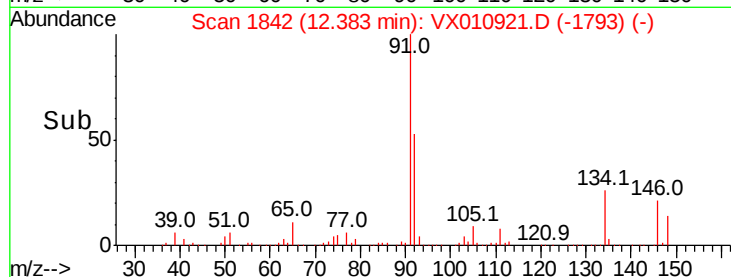
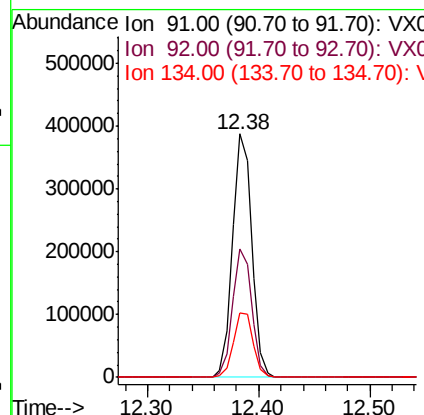
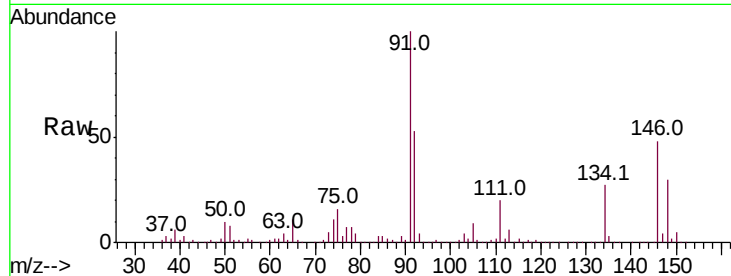
#89
n-Butylbenzene
Concen: 51.933 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	27.3	13.8	41.3

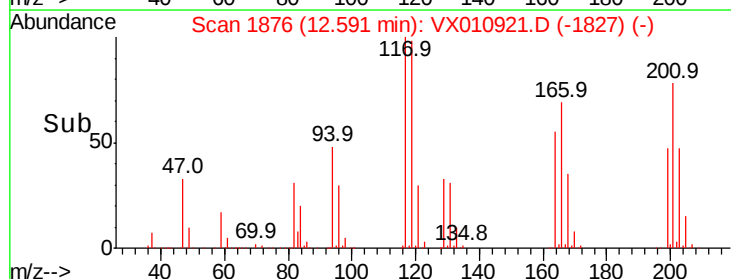
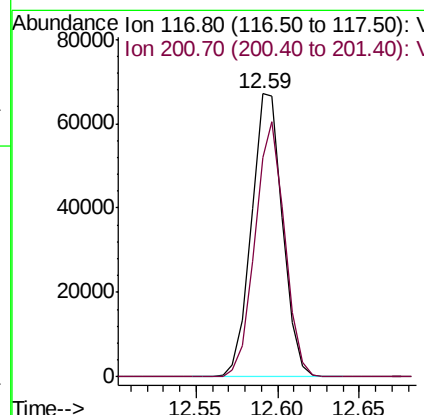
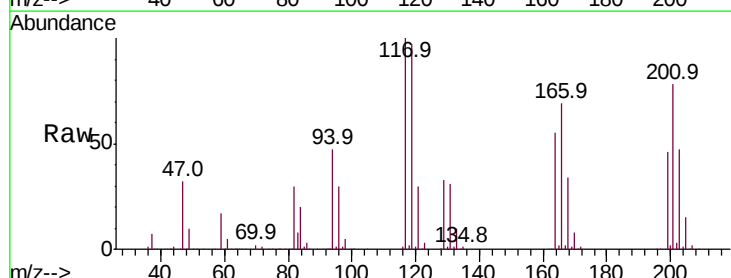
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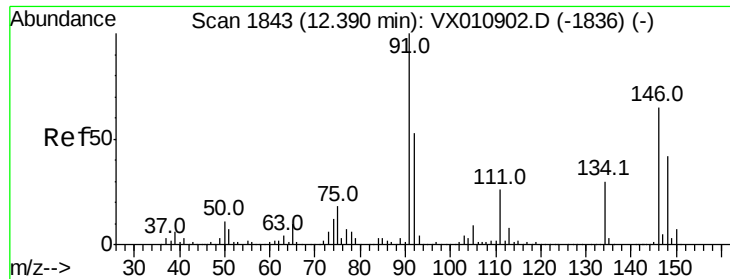
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#90
Hexachloroethane
Concen: 54.212 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX010921.D
Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	43.3	129.8





#91

1,2-Dichlorobenzene

Concen: 50.478 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

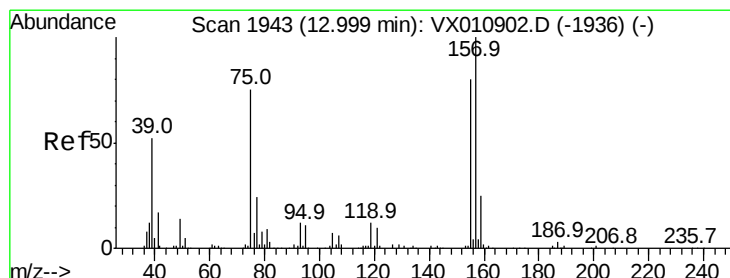
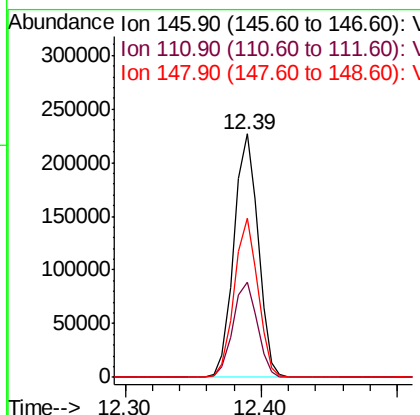
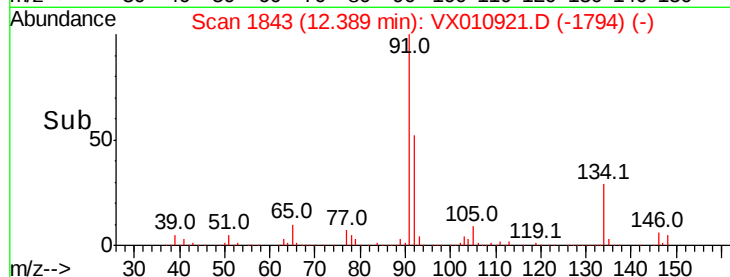
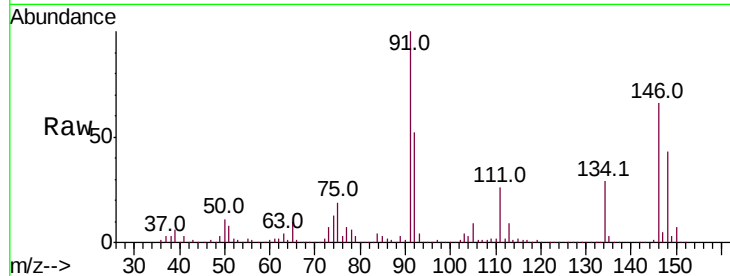
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	280997
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.9	59.7
148	63.8	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 54.460 ug/l

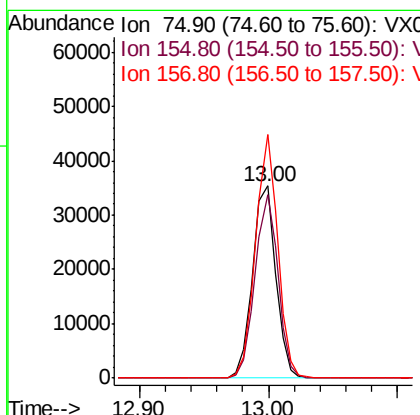
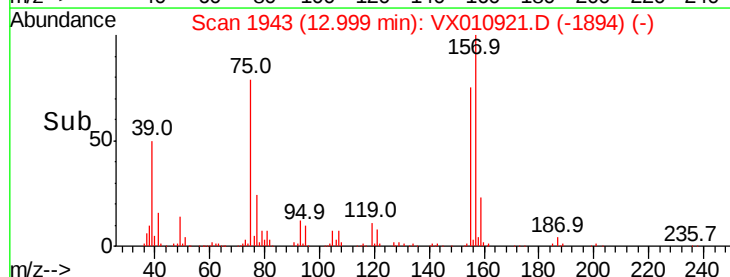
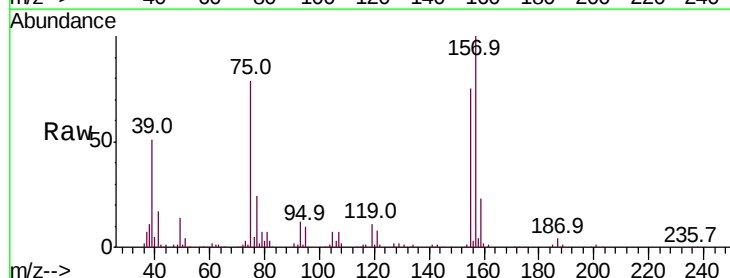
RT: 13.00 min Scan# 1943

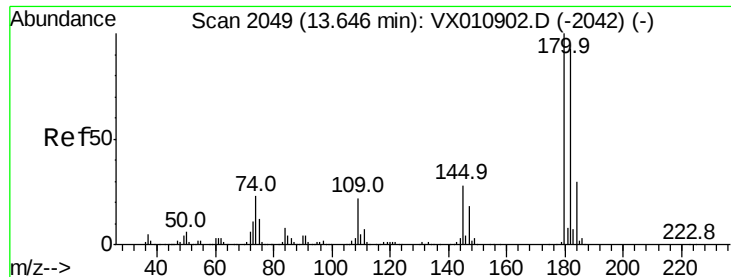
Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion:	75	Resp:	43714
Ion Ratio	Lower	Upper	
75	100		
155	94.1	48.7	146.1
157	120.6	62.5	187.6





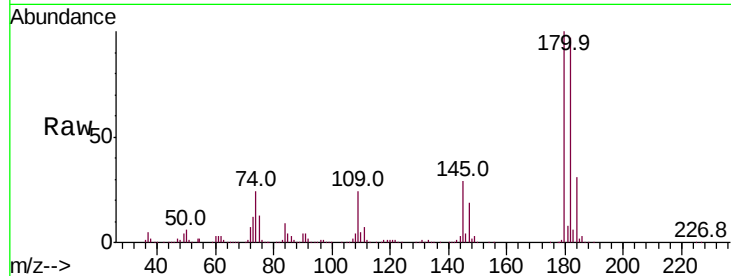
#93
 1,2,4-Trichlorobenzene
 Concen: 50.519 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190590		
182	95.4	47.1	141.3	
145	30.4	14.8	44.4	

Manual Integrations
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MMDadoda
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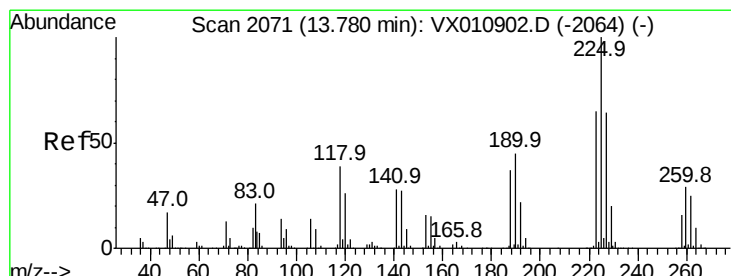
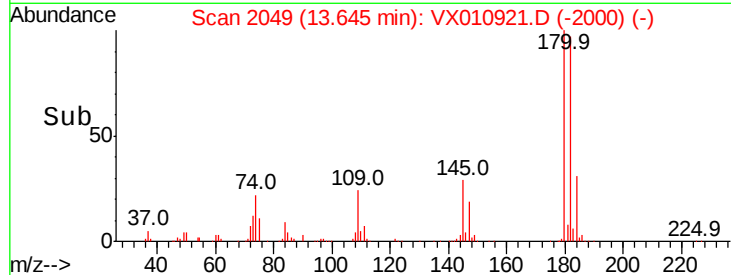
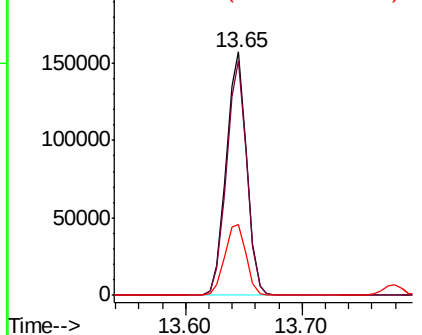


Abundance

Ion 179.80 (179.50 to 180.50): V

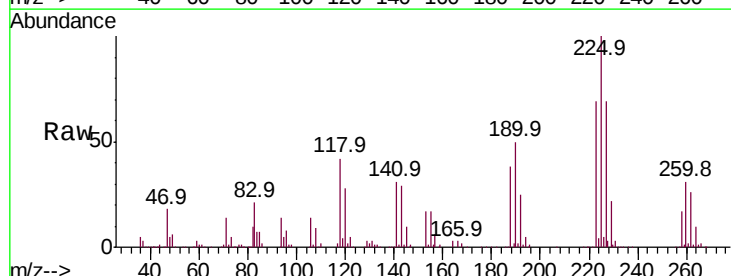
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.576 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010921.D
 Acq: 16 Jul 2019 20:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	90814		
223	64.2	31.9	95.9	
227	65.0	32.5	97.4	

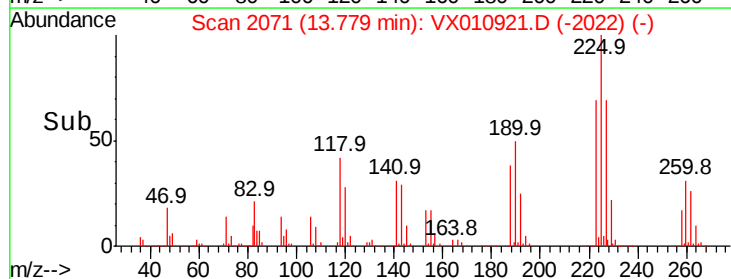
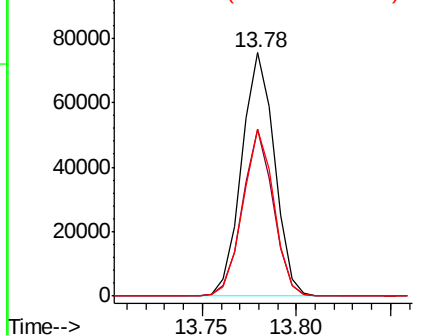


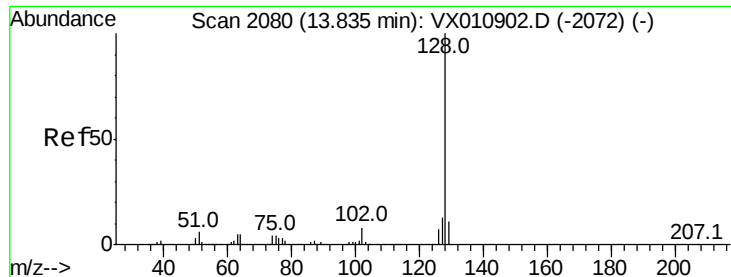
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 53.435 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Instrument :

MSVOA_X

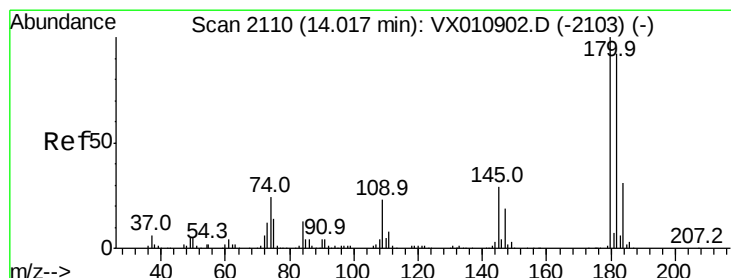
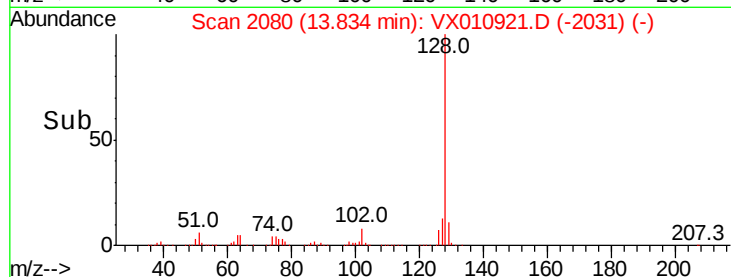
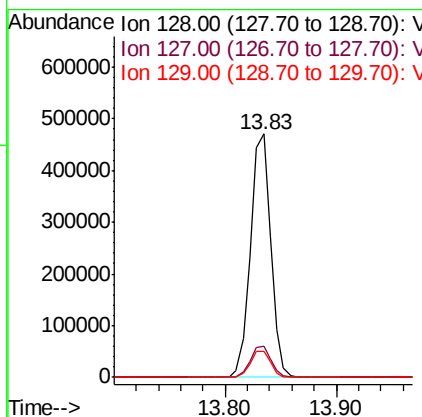
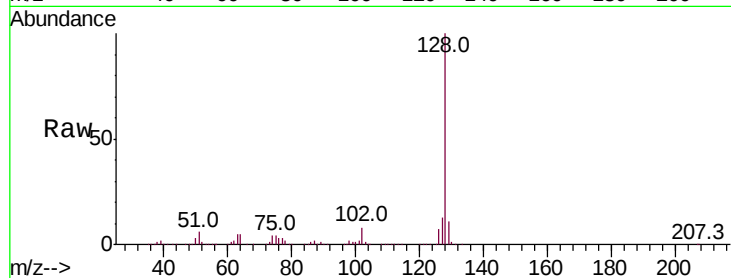
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	595288
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 50.235 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010921.D

Acq: 16 Jul 2019 20:58

Tgt Ion:	180	Resp:	188567
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.4	142.3
145	32.1	15.1	45.3

