

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071719\
 Data File : VX010945.D
 Acq On : 17 Jul 2019 18:49
 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
 7/22/2019 10:58:26 AM

Quant Time: Jul 18 04:03:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151112	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108030	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
35) Dibromofluoromethane	5.49	113	97568	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
50) Toluene-d8	8.71	98	362328	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
62) 4-Bromofluorobenzene	11.13	95	135650	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	116522	52.223	ug/l	98
3) Chloromethane	1.32	50	103563	53.846	ug/l	100
4) Vinyl Chloride	1.41	62	108368	55.239	ug/l	99
5) Bromomethane	1.64	94	59305	53.645	ug/l	97
6) Chloroethane	1.72	64	65648	52.657	ug/l	96
7) Trichlorofluoromethane	1.93	101	182066	54.825	ug/l	100
8) Diethyl Ether	2.19	74	61133	53.430	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99887	52.680	ug/l	98
10) Methyl Iodide	2.51	142	122786	49.347	ug/l	99
11) Tert butyl alcohol	3.05	59	117788	227.306	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98280	52.755	ug/l	99
13) Acrolein	2.29	56	65315	218.159	ug/l	100
14) Allyl chloride	2.73	41	144432	53.374	ug/l	99
15) Acrylonitrile	3.14	53	277299	264.825	ug/l	99
16) Acetone	2.45	43	232781	231.638	ug/l	99
17) Carbon Disulfide	2.57	76	252353	52.808	ug/l	99
18) Methyl Acetate	2.78	43	117618	51.401	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	317242	52.898	ug/l	99
20) Methylene Chloride	2.85	84	111847	52.518	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	104523	52.878	ug/l	94
22) Diisopropyl ether	3.85	45	305290	53.492	ug/l	98
23) Vinyl Acetate	3.81	43	1338999	276.903	ug/l	100
24) 1,1-Dichloroethane	3.70	63	175516	52.955	ug/l	99
25) 2-Butanone	4.67	43	382364	265.057	ug/l	99
26) 2,2-Dichloropropane	4.59	77	134349	49.367	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122042	53.348	ug/l	97
28) Bromochloromethane	5.02	49	78605	50.327	ug/l	100
29) Tetrahydrofuran	5.13	42	246038	269.252	ug/l	99
30) Chloroform	5.21	83	187614	52.369	ug/l	97
31) Cyclohexane	5.58	56	158648	52.514	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	166013	53.562	ug/l	99
36) 1,1-Dichloropropene	5.80	75	135659	52.488	ug/l	99
37) Ethyl Acetate	4.83	43	140483	53.082	ug/l	98
38) Carbon Tetrachloride	5.79	117	145372	53.977	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	173301	51.706	ug/l	99
40) Benzene	6.14	78	420844	53.156	ug/l	100
41) Methacrylonitrile	5.04	41	78025	51.934	ug/l	98
42) 1,2-Dichloroethane	6.19	62	145952	53.021	ug/l	100
43) Isopropyl Acetate	6.45	43	233004	53.543	ug/l	99
44) Trichloroethene	7.21	130	120150	51.270	ug/l	92
45) 1,2-Dichloropropane	7.51	63	106034	52.621	ug/l	97
46) Dibromomethane	7.66	93	76792	53.332	ug/l	99
47) Bromodichloromethane	7.90	83	141443	55.184	ug/l	97
48) Methyl methacrylate	7.77	41	115333	54.404	ug/l	98
49) 1,4-Dioxane	7.74	88	56559	953.788	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	769899	272.924	ug/l	100
52) Toluene	8.79	92	278582	53.564	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	152674	55.397	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	166075	54.154	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	112243	52.414	ug/l	99
56) Ethyl methacrylate	9.18	69	175720	56.096	ug/l	99
57) 1,3-Dichloropropane	9.37	76	181972	53.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	409515	273.865	ug/l	99
59) 2-Hexanone	9.49	43	603469	275.813	ug/l	99
60) Dibromochloromethane	9.58	129	123211	49.993	ug/l	99
61) 1,2-Dibromoethane	9.67	107	124259	54.676	ug/l	99
64) Tetrachloroethene	9.34	164	116825	51.243	ug/l	98
65) Chlorobenzene	10.14	112	308055	51.754	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	114980	54.963	ug/l	99
67) Ethyl Benzene	10.25	91	540031	53.302	ug/l	99
68) m/p-Xylenes	10.36	106	412452	106.129	ug/l	99
69) o-Xylene	10.69	106	200793	52.940	ug/l	99
70) Styrene	10.71	104	349233	55.235	ug/l	99
71) Bromoform	10.85	173	93309	49.039	ug/l #	99
73) Isopropylbenzene	11.02	105	539496	52.837	ug/l	99
74) N-amyl acetate	10.90	43	217419	55.729	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	178393	53.387	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	148106m	54.313	ug/l	
77) Bromobenzene	11.26	156	147862	52.499	ug/l	99
78) n-propylbenzene	11.36	91	605270	53.650	ug/l	99
79) 2-Chlorotoluene	11.42	91	359907	53.105	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	454924	53.320	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50822	47.440	ug/l	97
82) 4-Chlorotoluene	11.51	91	421237	53.402	ug/l	99
83) tert-Butylbenzene	11.77	119	445444	53.152	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	462292	53.759	ug/l	98
85) sec-Butylbenzene	11.94	105	531928	54.169	ug/l	99
86) p-Isopropyltoluene	12.06	119	492448	54.244	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	254575	52.085	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	254293	50.728	ug/l	99
89) n-Butylbenzene	12.38	91	423108	54.476	ug/l	100
90) Hexachloroethane	12.60	117	79045	55.203	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	255440	52.733	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37809	54.131	ug/l	98

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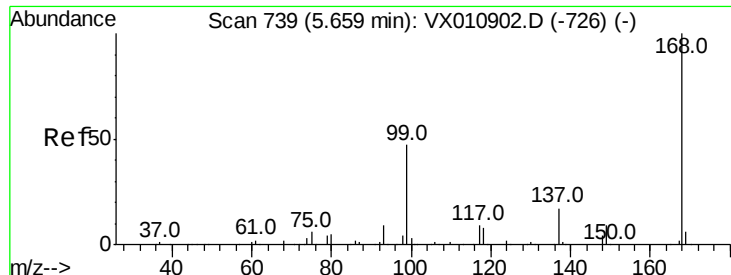
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	177368	54.028	ug/l	99
94) Hexachlorobutadiene	13.78	225	84971	52.231	ug/l	98
95) Naphthalene	13.83	128	539031	55.604	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	176445	54.018	ug/l	99

(#) = 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: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 209150

Ion Ratio Lower Upper

168 100

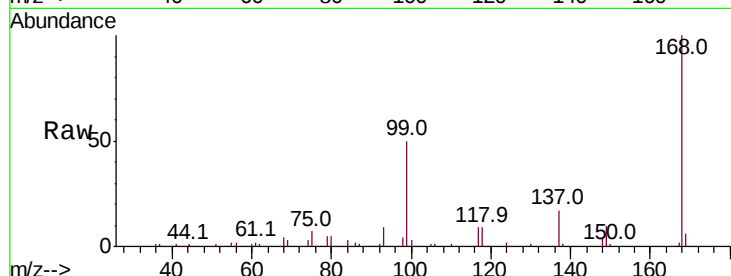
99 49.6 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

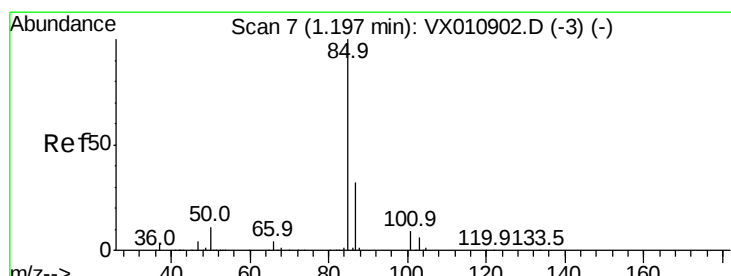
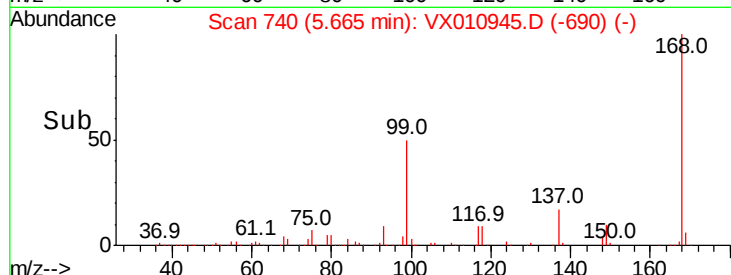
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.223 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010945.D

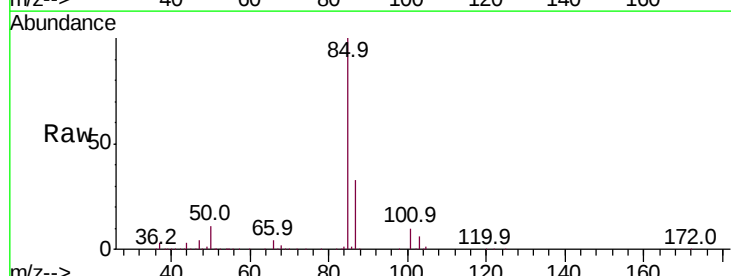
Acq: 17 Jul 2019 18:49

Tgt Ion: 85 Resp: 116522

Ion Ratio Lower Upper

85 100

87 32.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

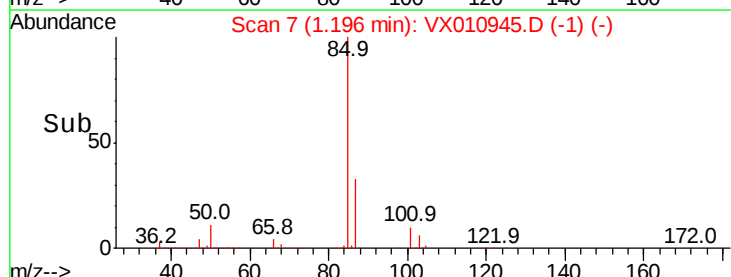
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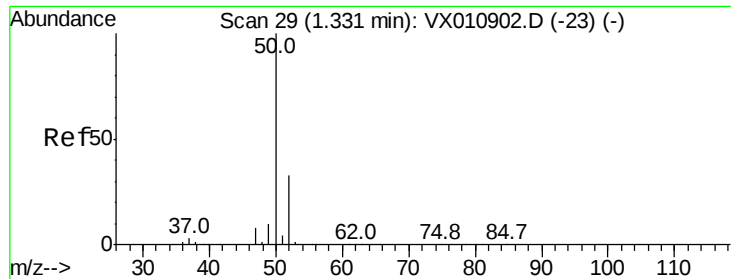
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 53.846 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 103563

Ion Ratio Lower Upper

50 100

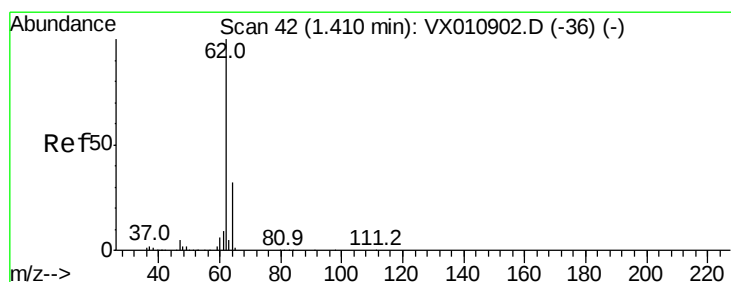
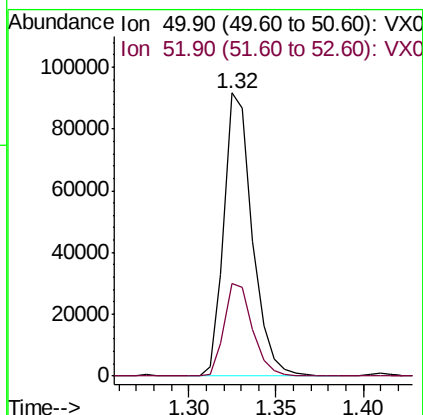
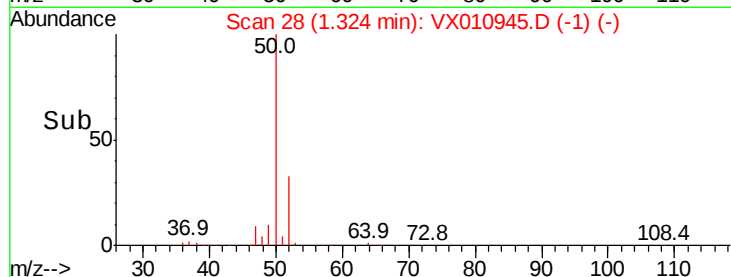
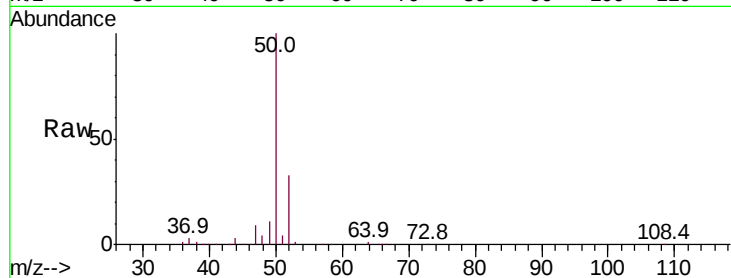
52 32.8 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.239 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010945.D

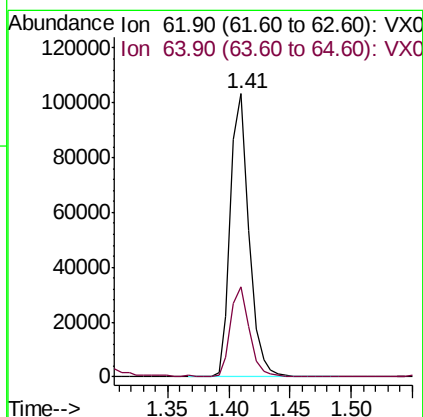
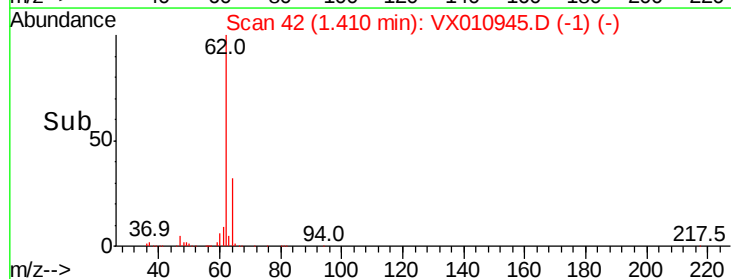
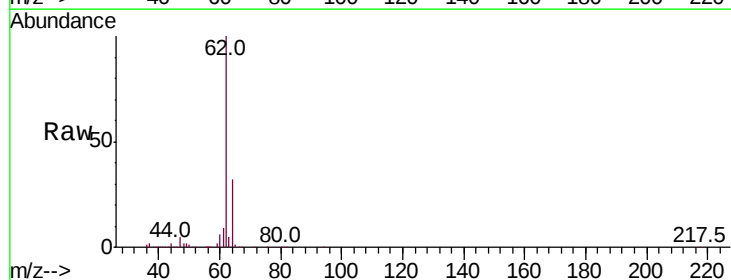
Acq: 17 Jul 2019 18:49

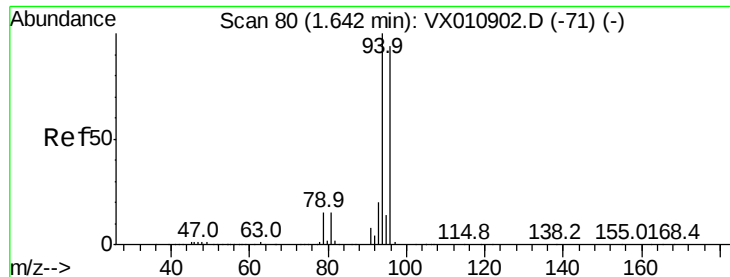
Tgt Ion: 62 Resp: 108368

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 53.645 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59305

Ion Ratio Lower Upper

94 100

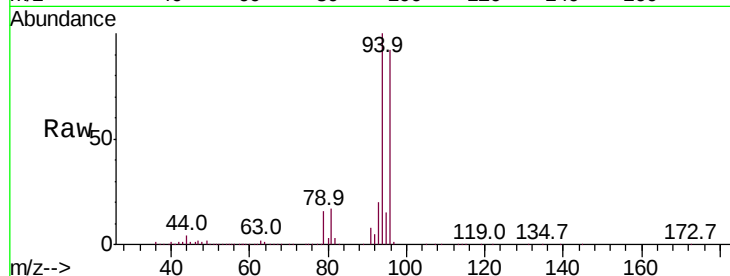
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Manual Integrations

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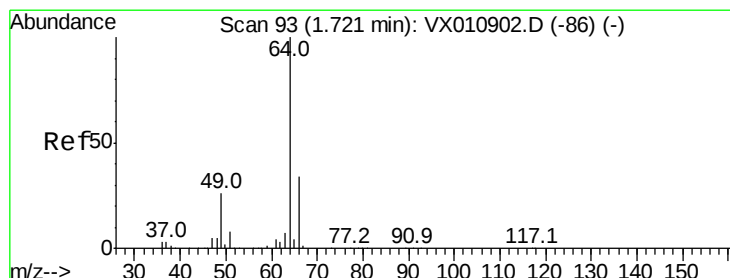
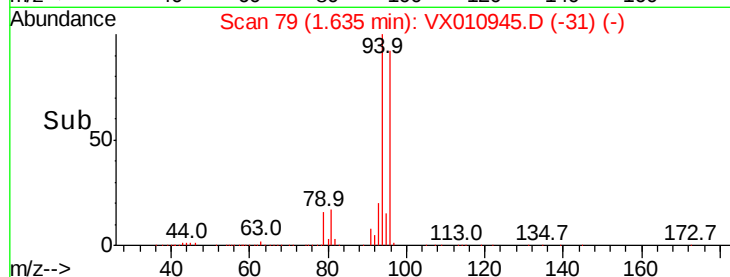
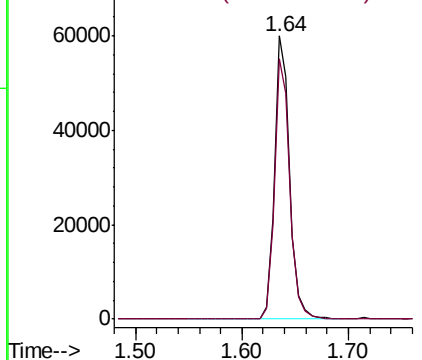
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.657 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX010945.D

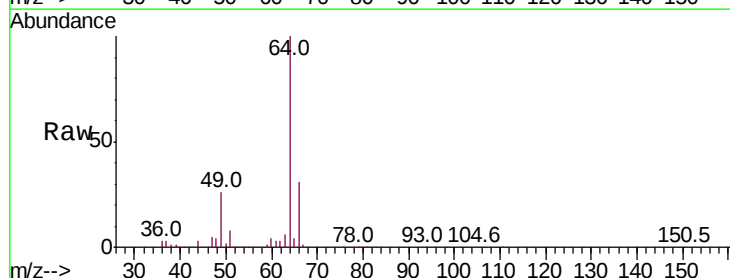
Acq: 17 Jul 2019 18:49

Tgt Ion: 64 Resp: 65648

Ion Ratio Lower Upper

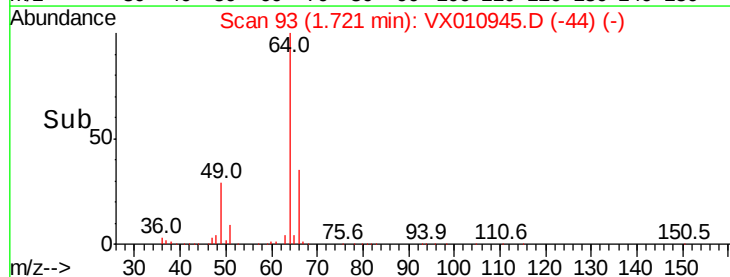
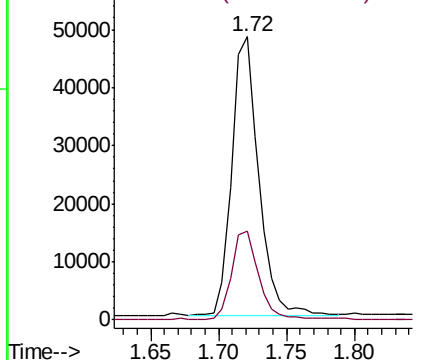
64 100

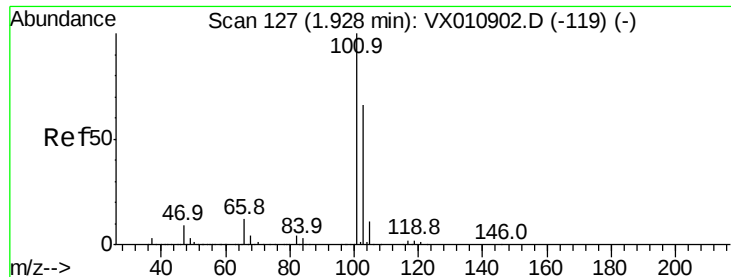
66 31.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

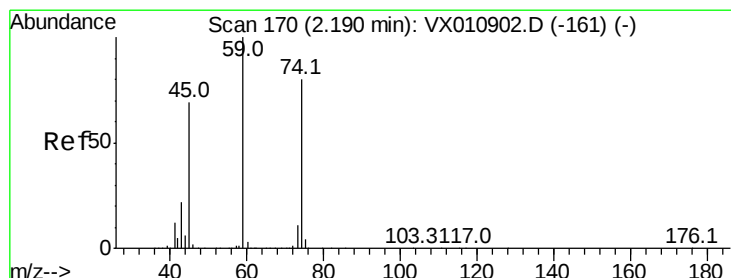
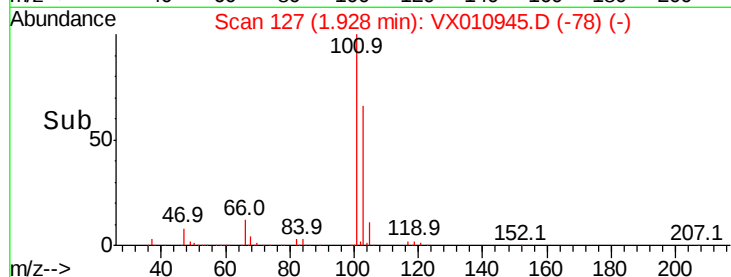
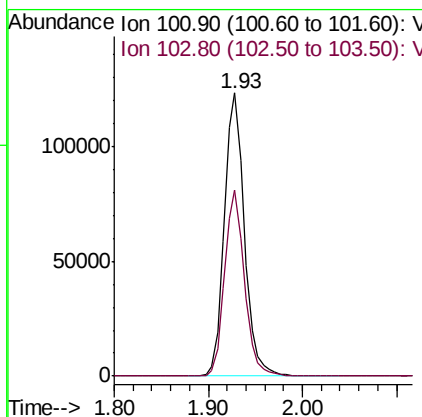
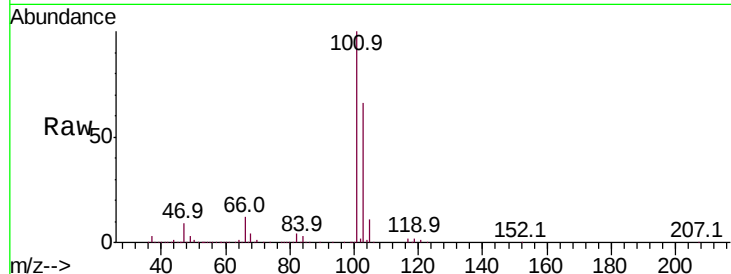
Trichlorofluoromethane
Concen: 54.825 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	182066		
103	65.9	52.6	78.8	

Manual Integrations
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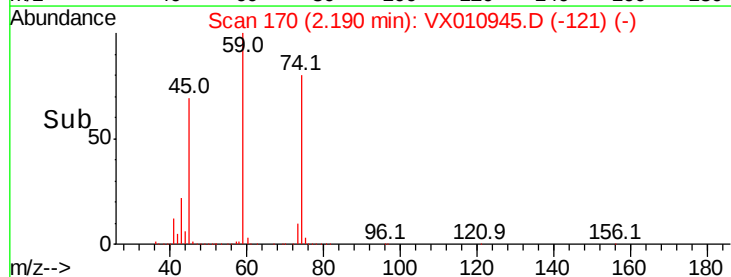
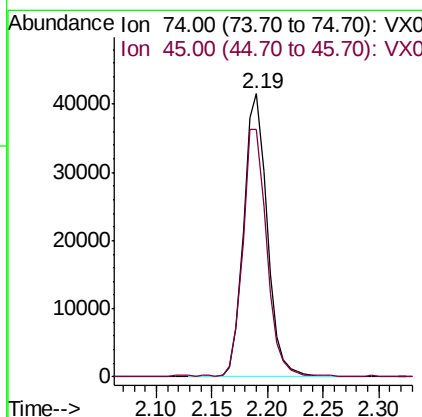
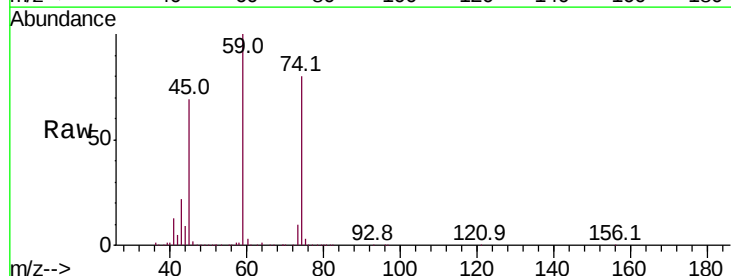
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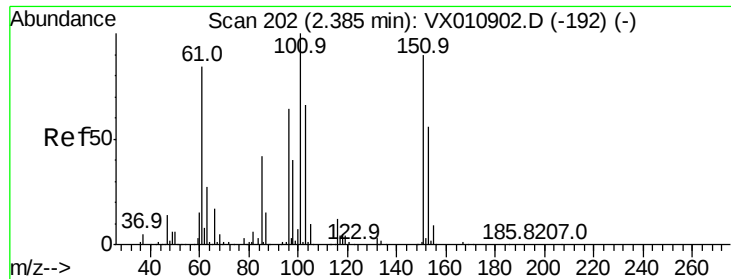


#8

Diethyl Ether
Concen: 53.430 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	61133		
45	87.4	45.5	136.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.680 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

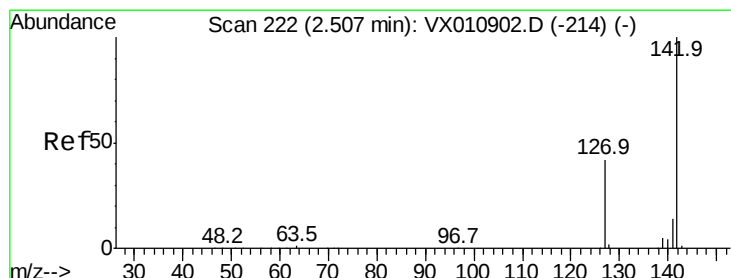
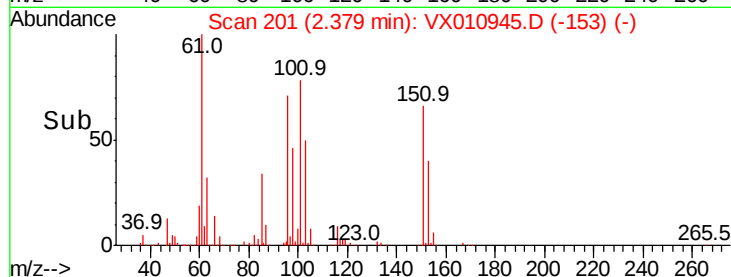
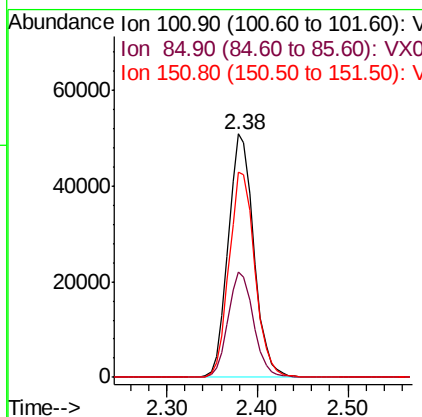
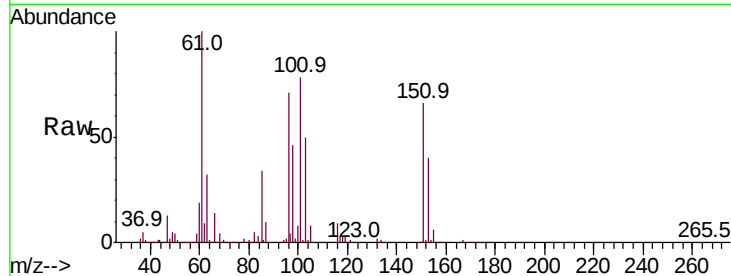
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	99887
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.6	52.0
151	84.9	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 49.347 ug/l

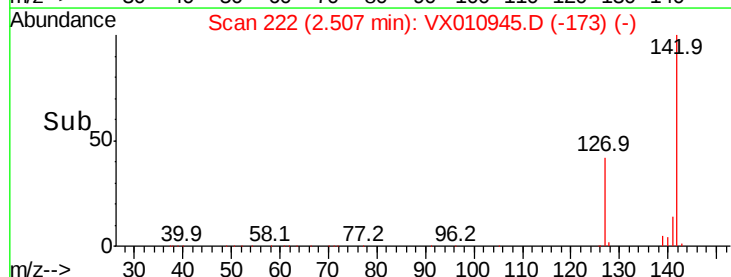
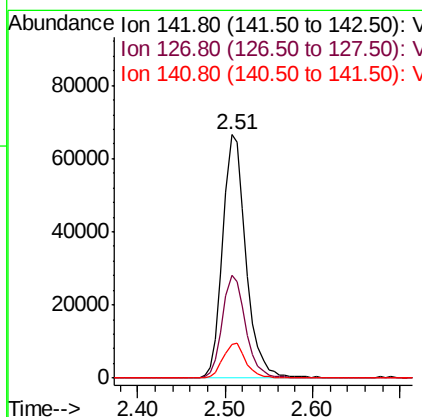
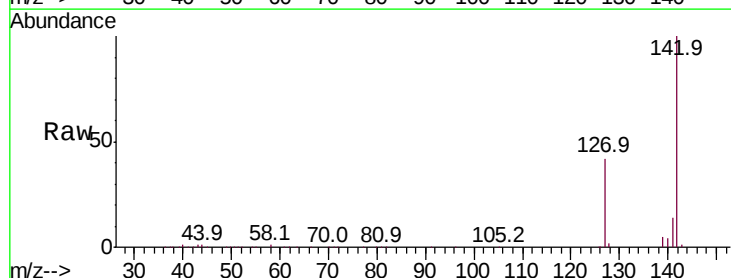
RT: 2.51 min Scan# 222

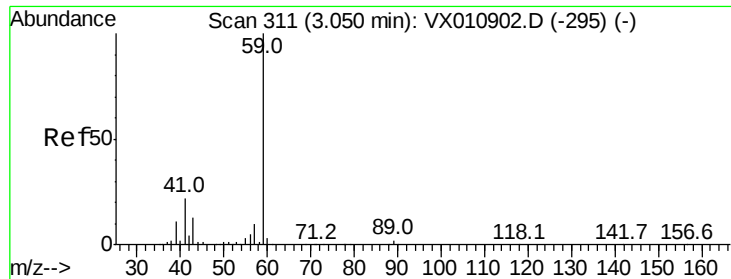
Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion:	142	Resp:	122786
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.2	51.4
141	14.1	11.7	17.5





#11

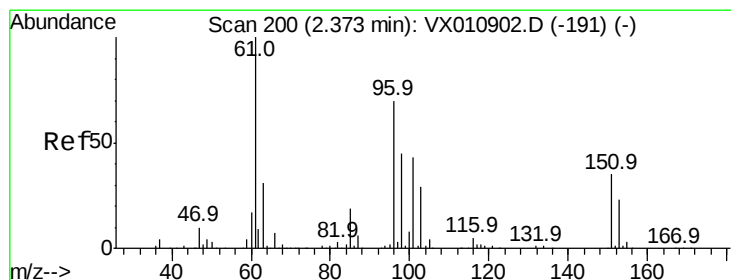
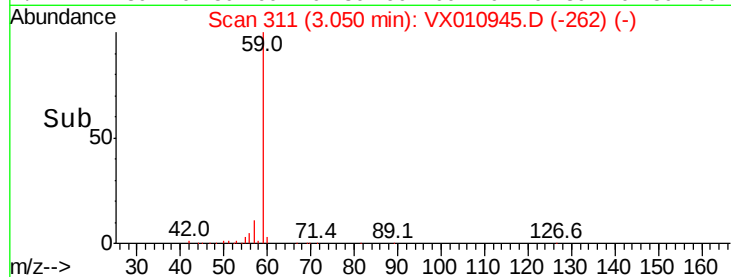
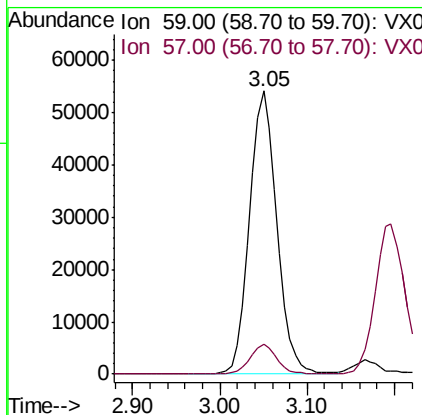
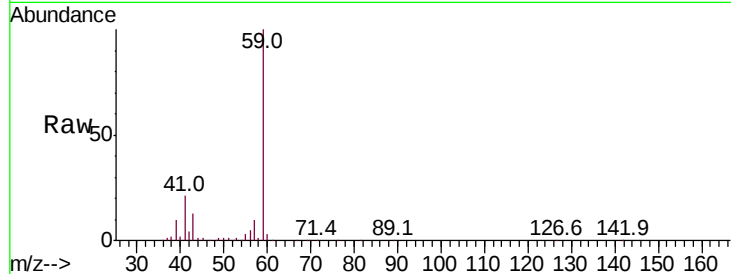
Tert butyl alcohol
 Concen: 227.306 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 59 Resp: 117788
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.9 11.9

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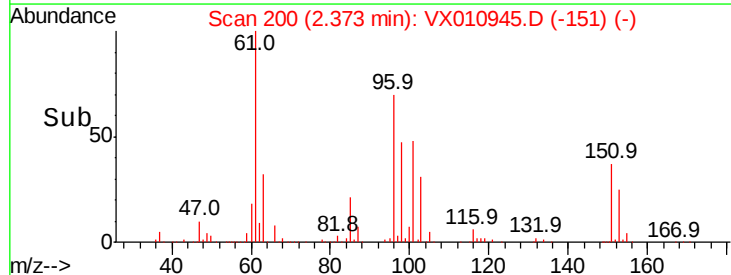
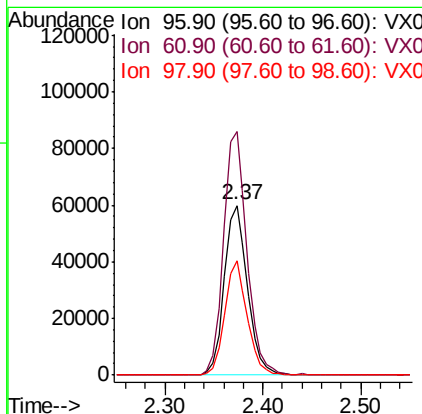
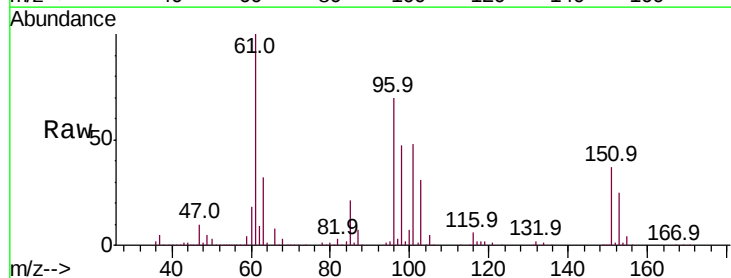
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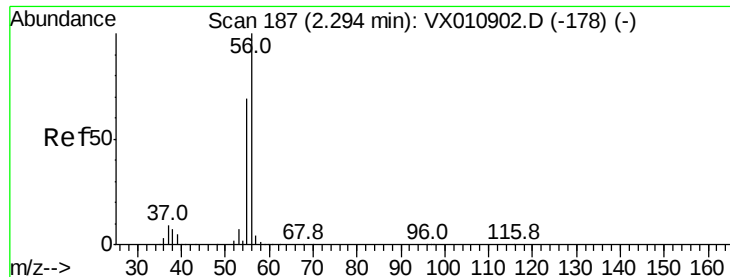


#12

1,1-Dichloroethene
 Concen: 52.755 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Tgt Ion: 96 Resp: 98280
 Ion Ratio Lower Upper
 96 100
 61 143.5 115.0 172.4
 98 67.3 52.2 78.2





#13

Acrolein

Concen: 218.159 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 65315

Ion Ratio Lower Upper

56 100

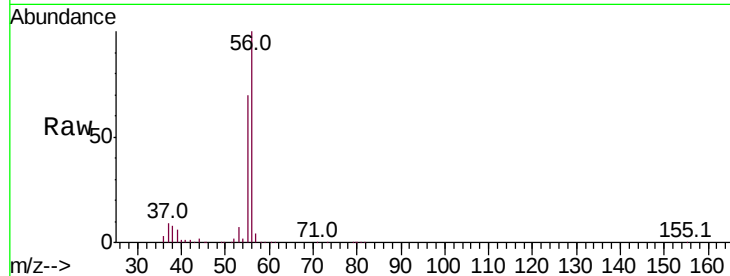
55 69.8 55.9 83.9

Manual Integrations

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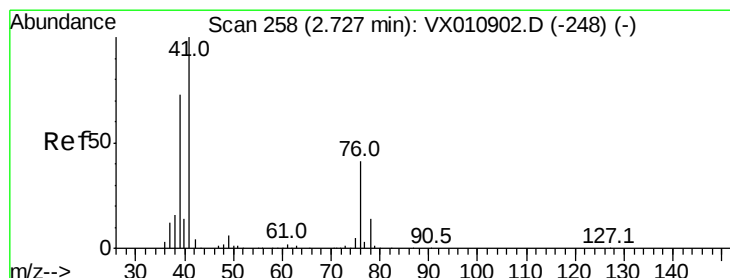
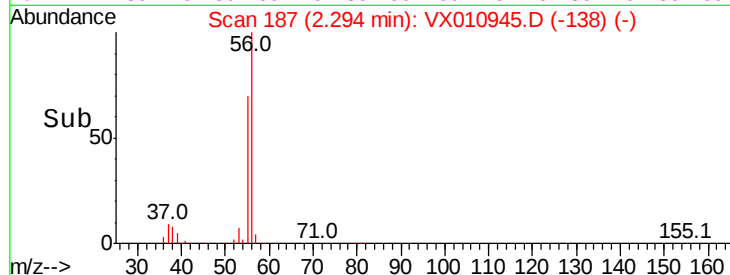
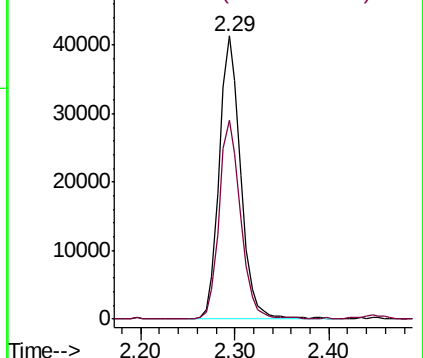
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.374 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

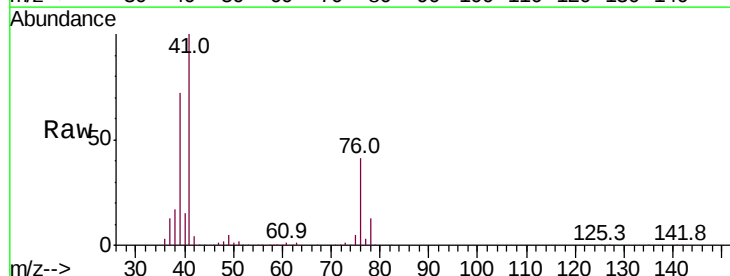
Tgt Ion: 41 Resp: 144432

Ion Ratio Lower Upper

41 100

39 67.7 53.6 80.4

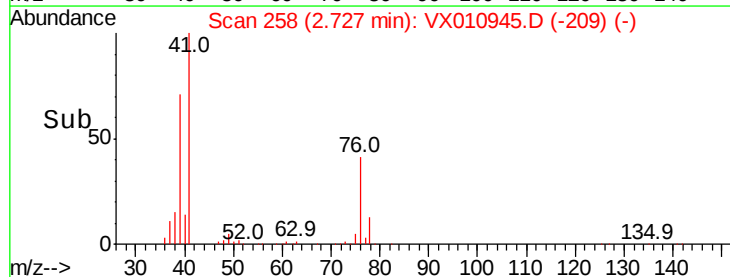
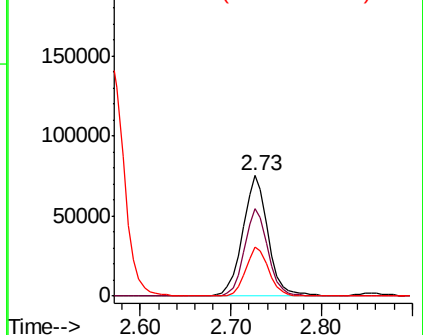
76 36.9 29.7 44.5

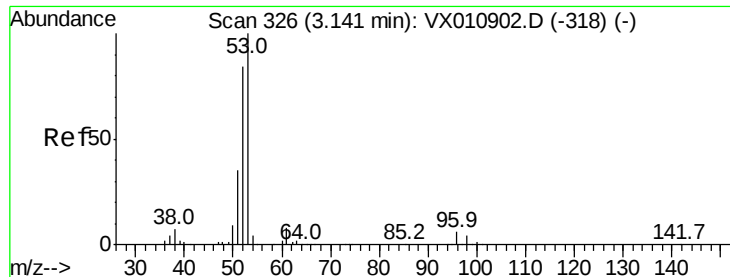


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 264.825 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

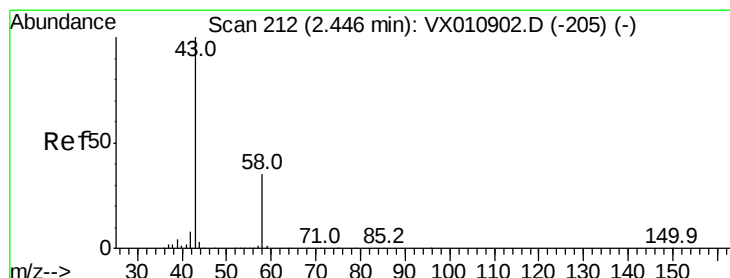
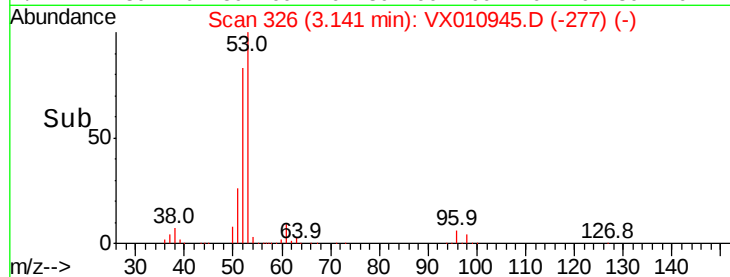
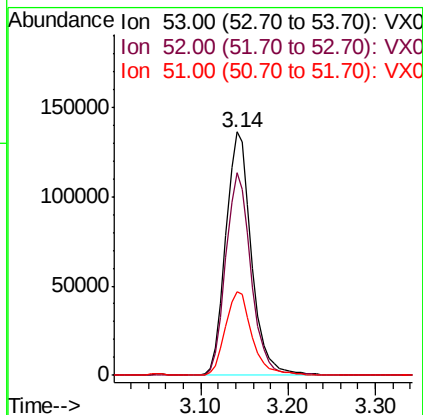
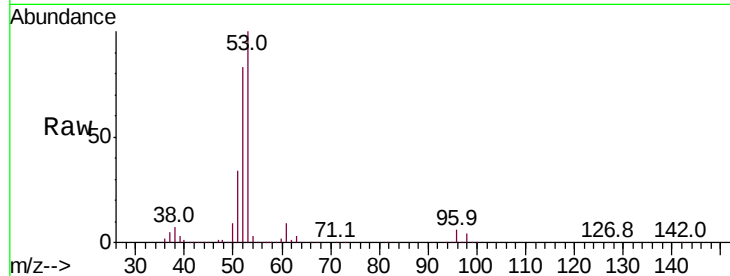
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	277299
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.5	99.7
51	35.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 231.638 ug/l

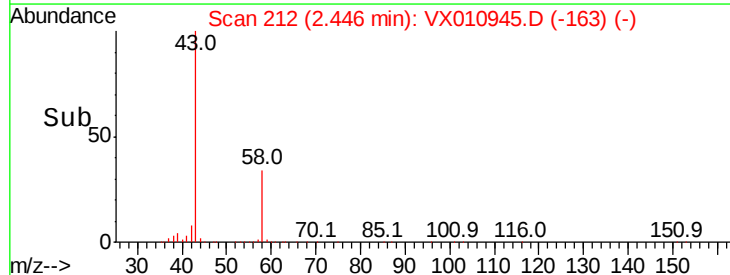
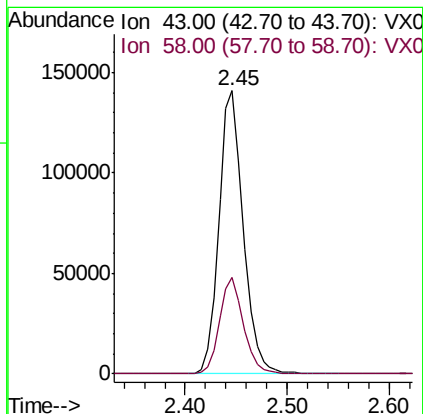
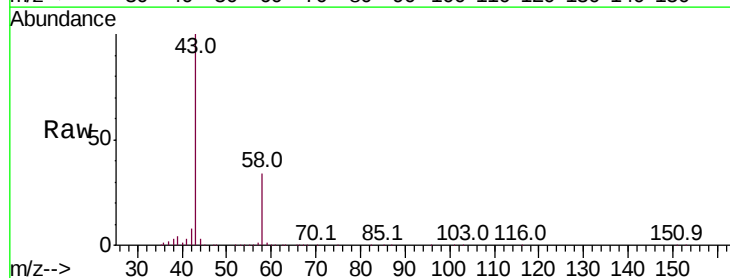
RT: 2.45 min Scan# 212

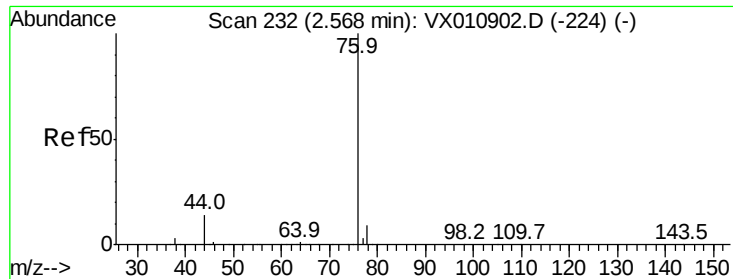
Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion:	43	Resp:	232781
Ion Ratio	Lower	Upper	
43	100		
58	34.0	27.7	41.5





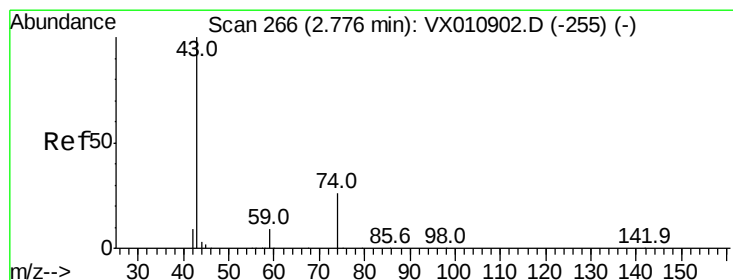
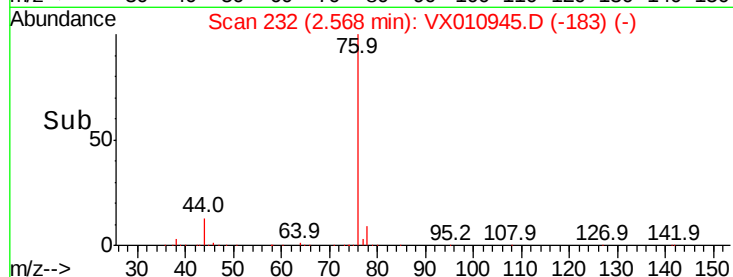
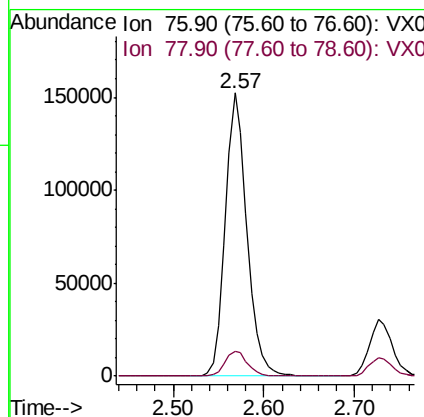
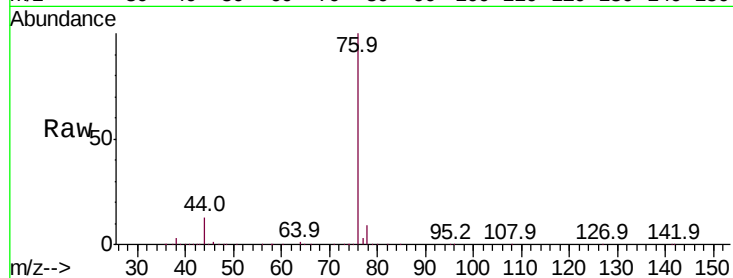
#17
Carbon Disulfide
Concen: 52.808 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.0

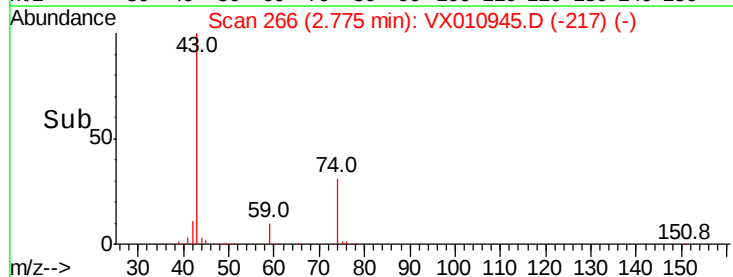
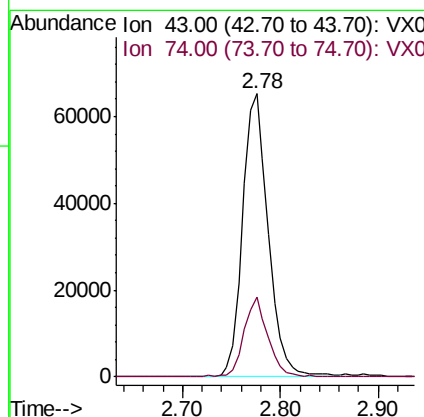
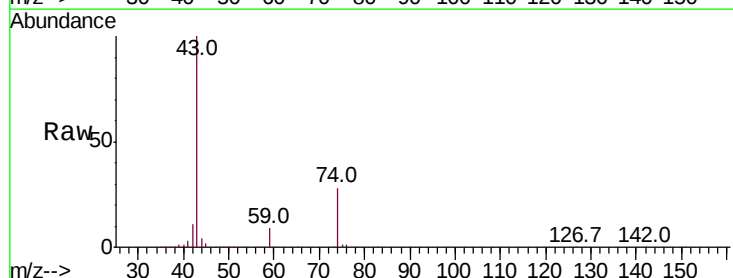
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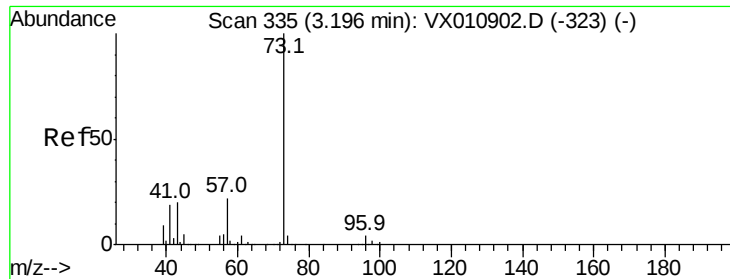
MMDadoda
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#18
Methyl Acetate
Concen: 51.401 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	21.5	32.3





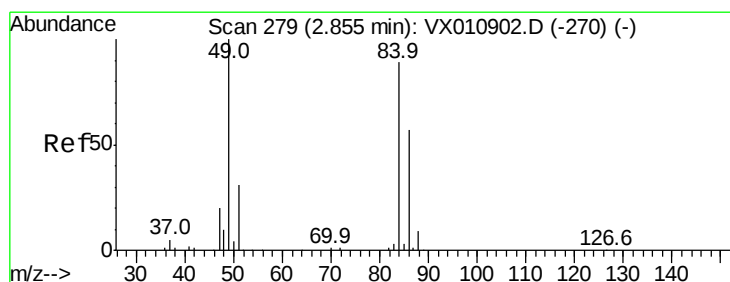
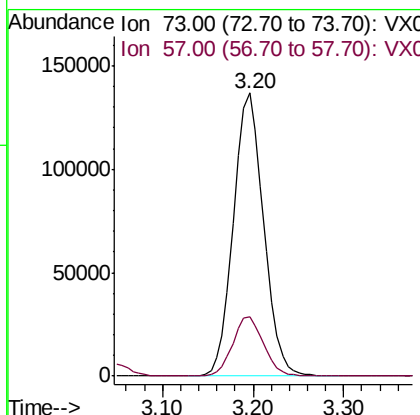
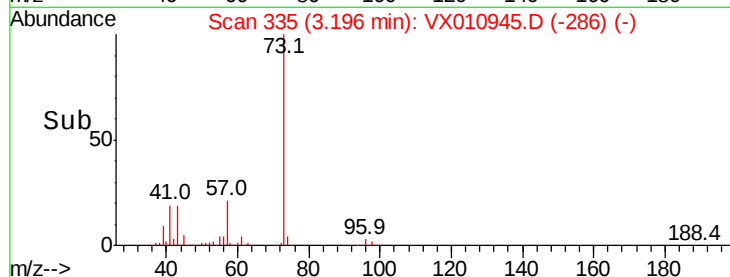
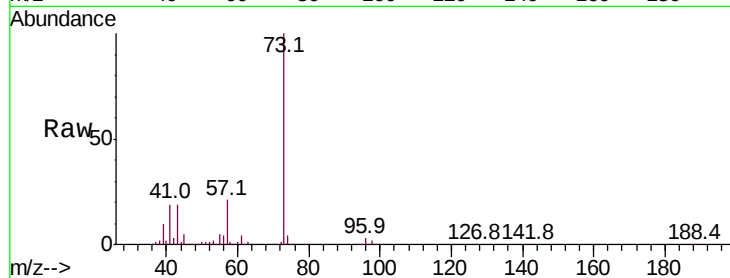
#19
Methyl tert-butyl Ether
Concen: 52.898 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 317242
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

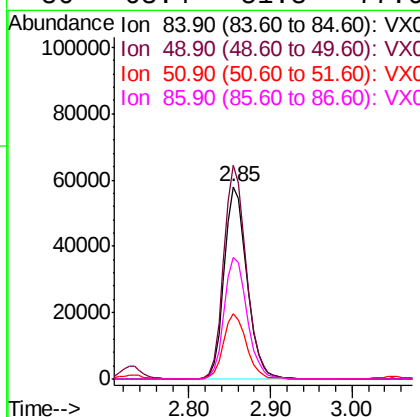
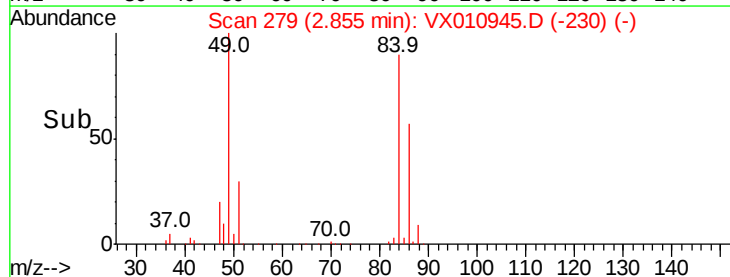
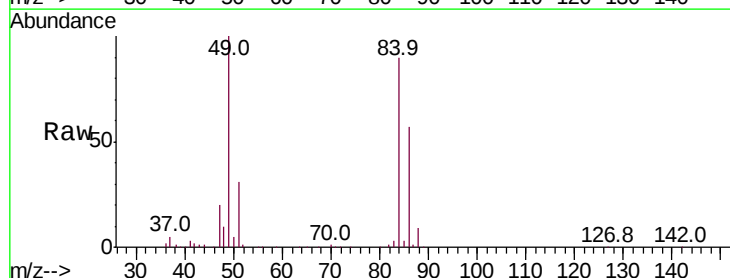
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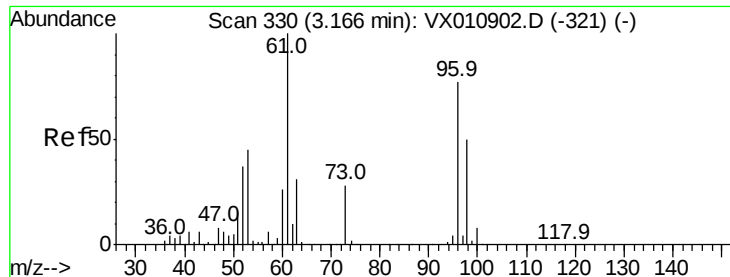
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#20
Methylene Chloride
Concen: 52.518 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion: 84 Resp: 111847
Ion Ratio Lower Upper
84 100
49 110.8 89.9 134.9
51 33.9 27.8 41.6
86 63.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 52.878 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 104523

Ion Ratio Lower Upper

96 100

61 122.6 104.2 156.2

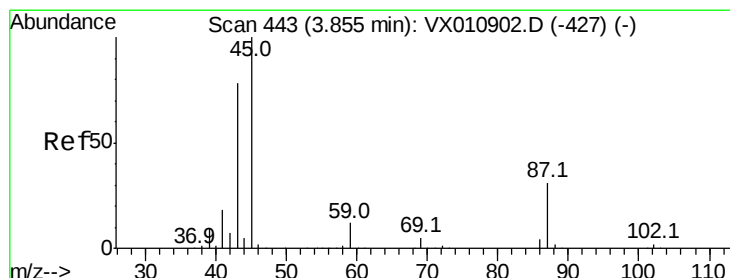
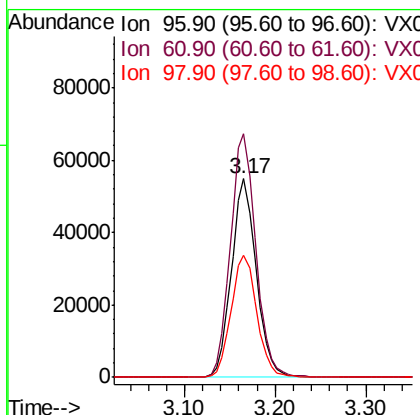
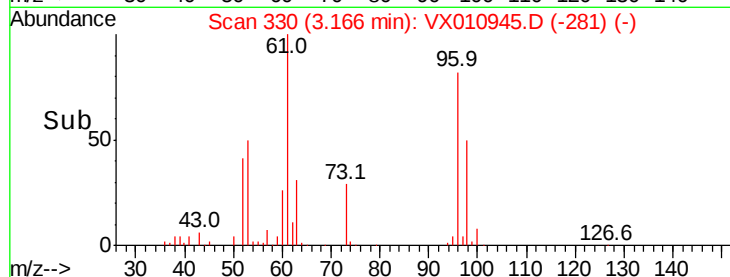
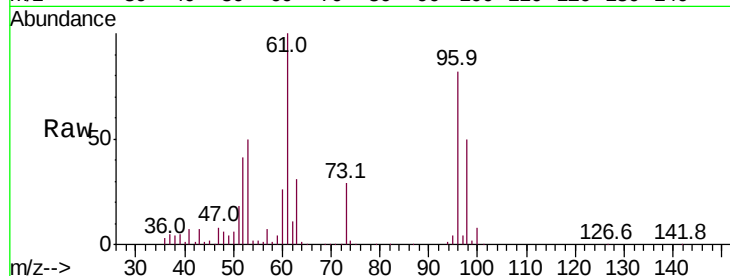
98 61.5 52.2 78.4

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#22

Diisopropyl ether

Concen: 53.492 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion: 45 Resp: 305290

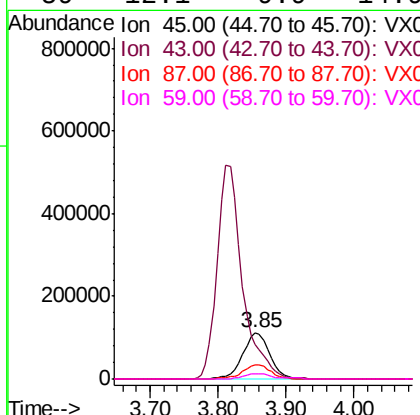
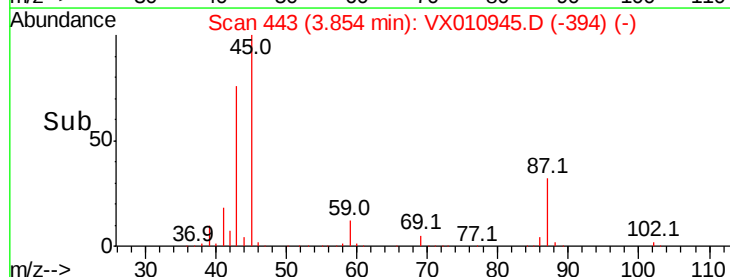
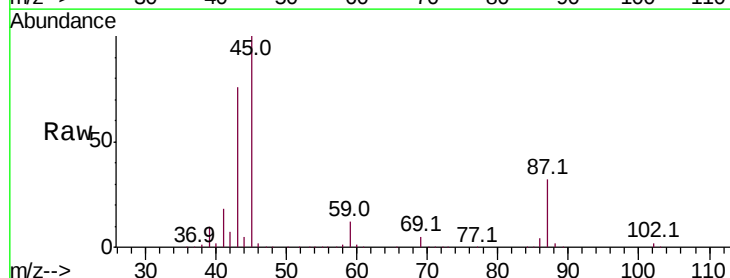
Ion Ratio Lower Upper

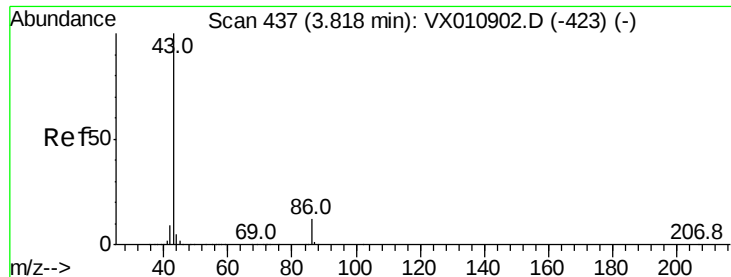
45 100

43 76.0 62.3 93.5

87 31.5 25.0 37.4

59 12.1 9.9 14.9





#23

Vinyl Acetate

Concen: 276.903 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1338999

Ion Ratio Lower Upper

43 100

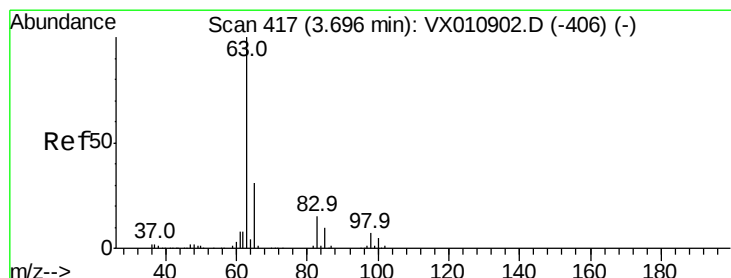
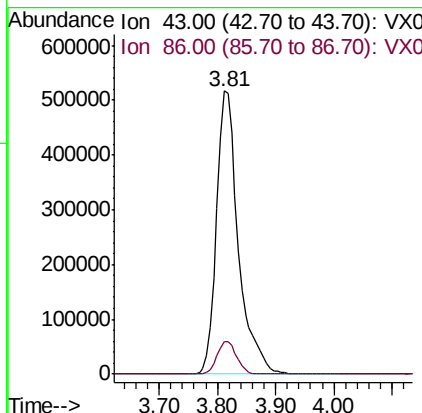
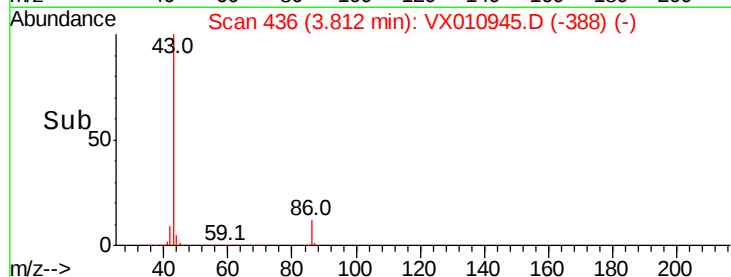
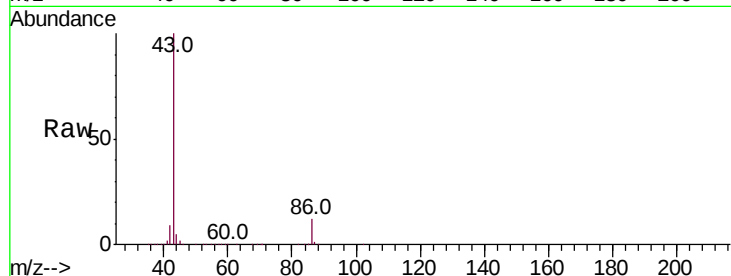
86 11.6 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.955 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

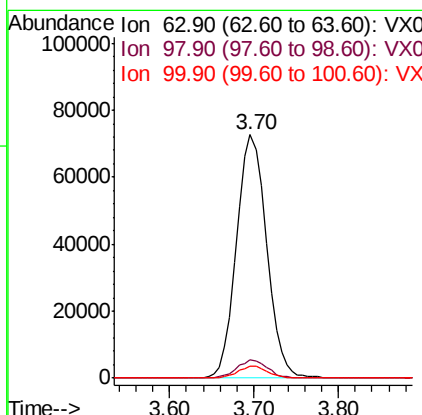
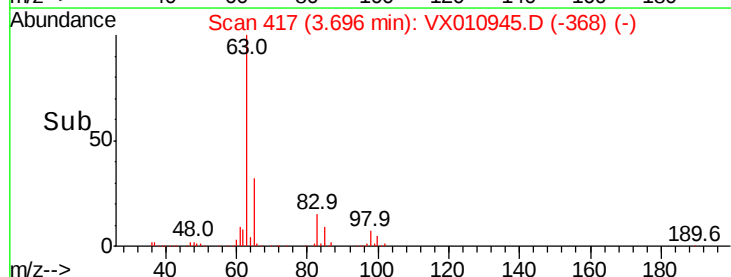
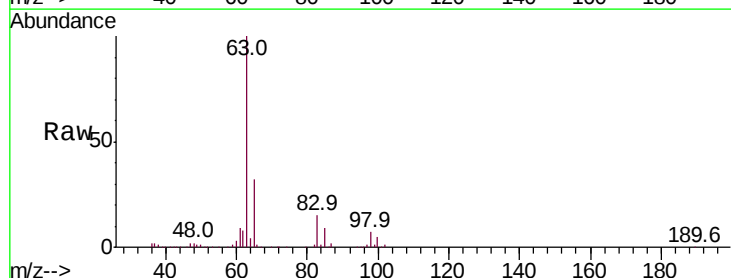
Tgt Ion: 63 Resp: 175516

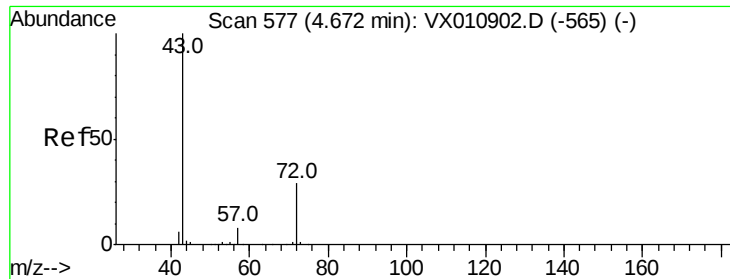
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 265.057 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 382364

Ion Ratio Lower Upper

43 100

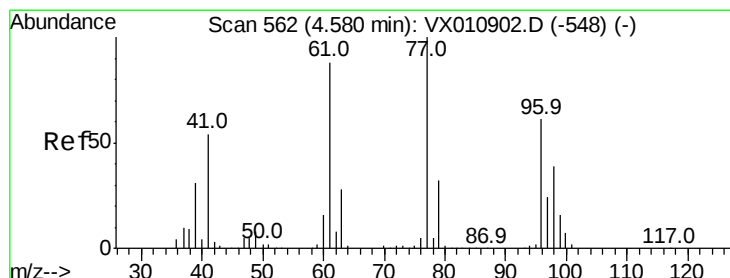
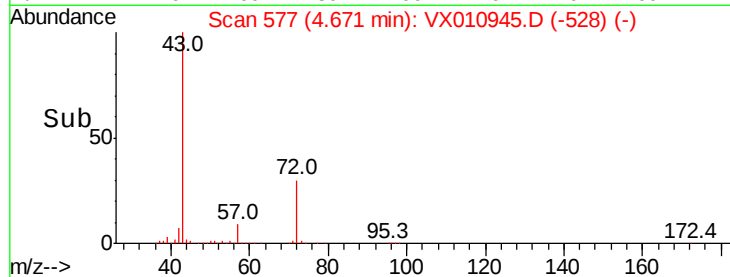
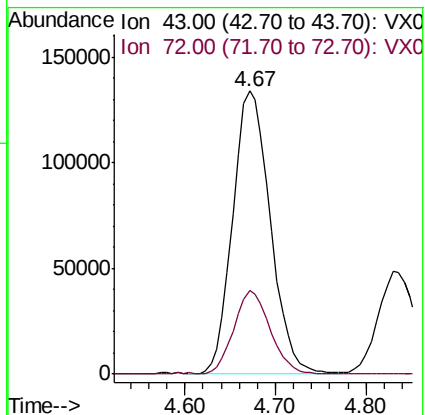
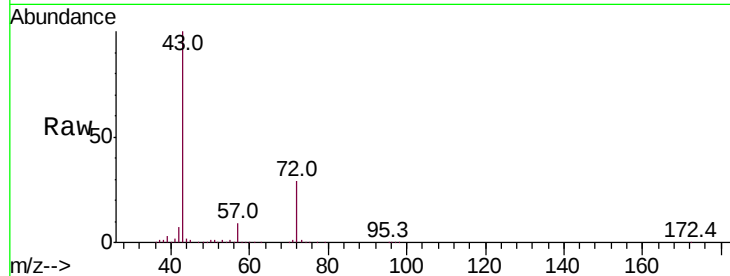
72 29.4 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.367 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010945.D

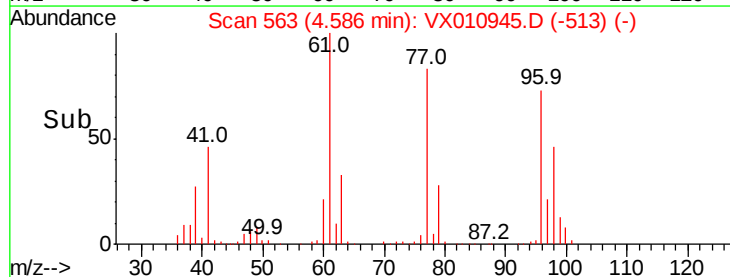
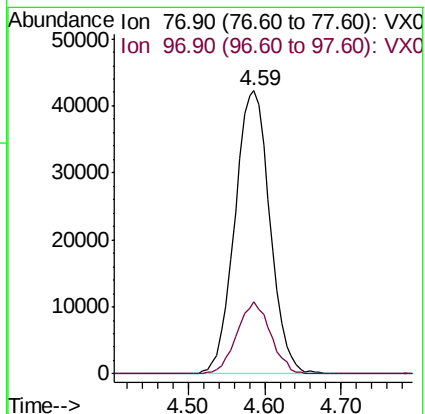
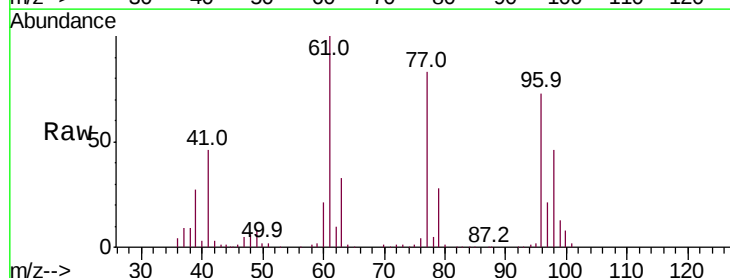
Acq: 17 Jul 2019 18:49

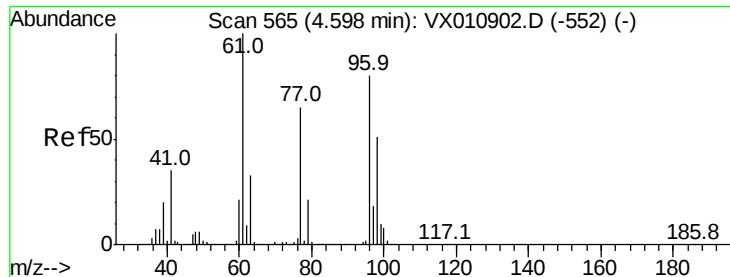
Tgt Ion: 77 Resp: 134349

Ion Ratio Lower Upper

77 100

97 24.7 12.6 37.6





#27

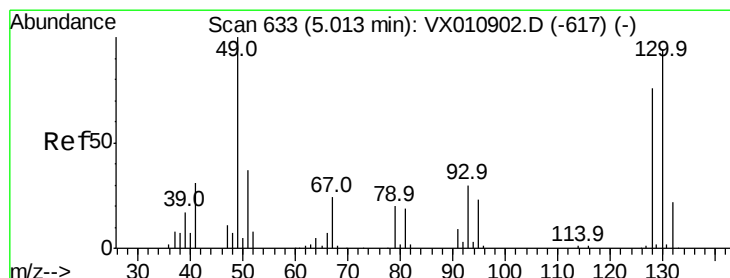
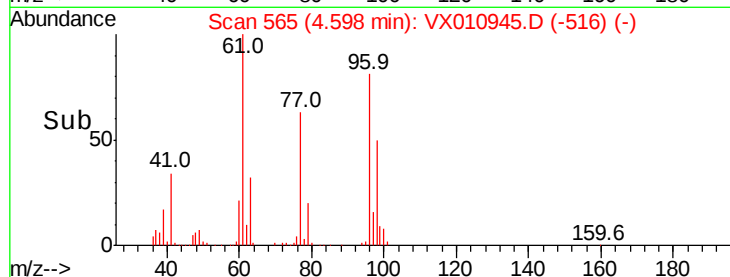
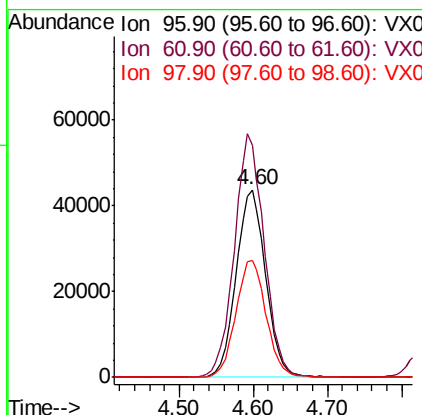
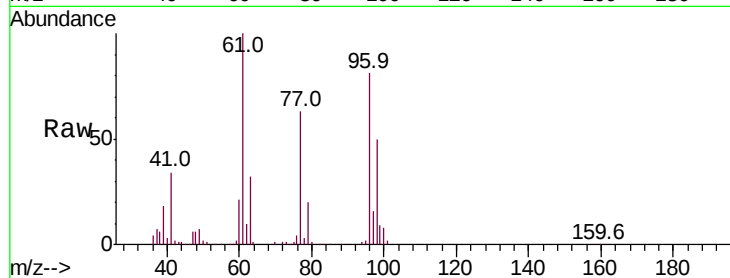
cis-1,2-Dichloroethene
Concen: 53.348 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	130.6	0.0	269.0	
98	63.9	0.0	131.4	

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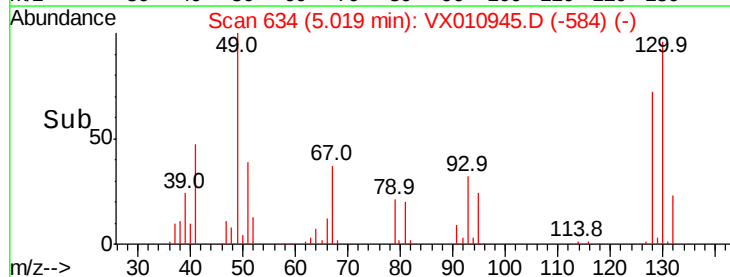
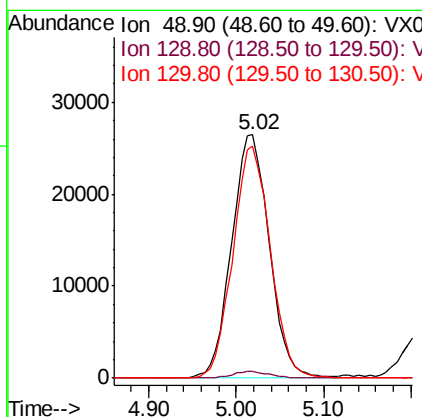
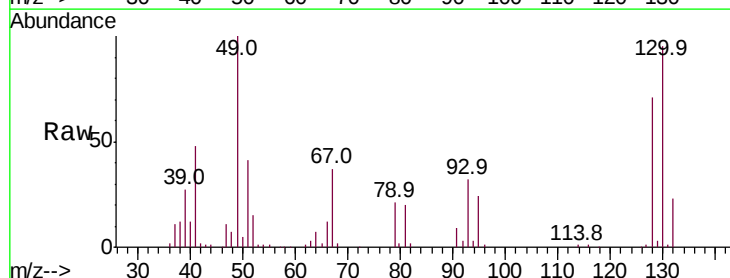
MMDadoda
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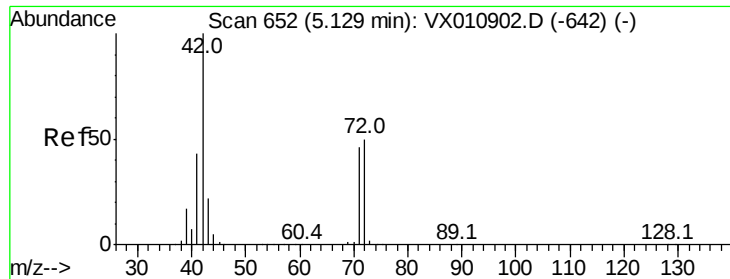


#28

Bromochloromethane
Concen: 50.327 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.8	0.0	5.2	
130	95.7	76.9	115.3	





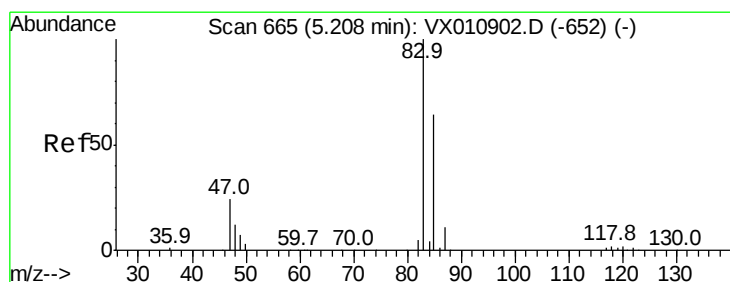
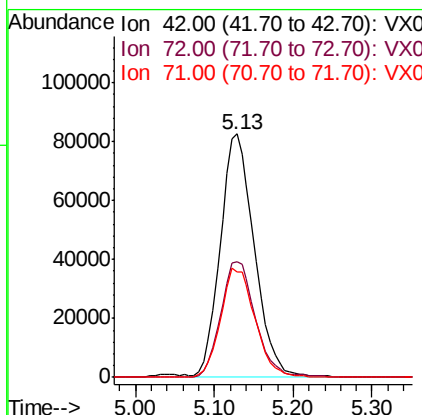
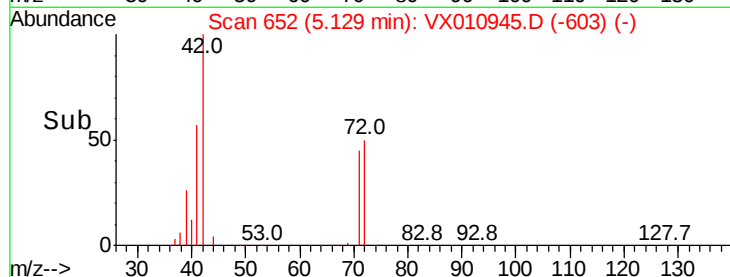
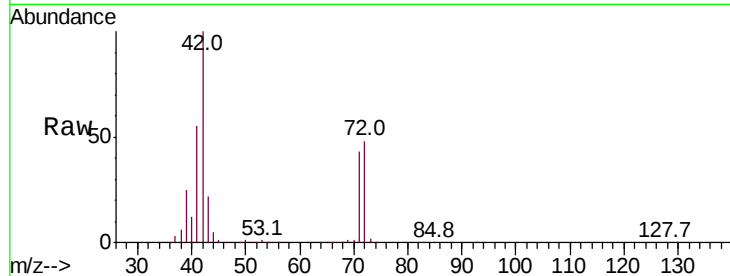
#29
Tetrahydrofuran
Concen: 269.252 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	39.8	59.8
71	45.7	37.0	55.4

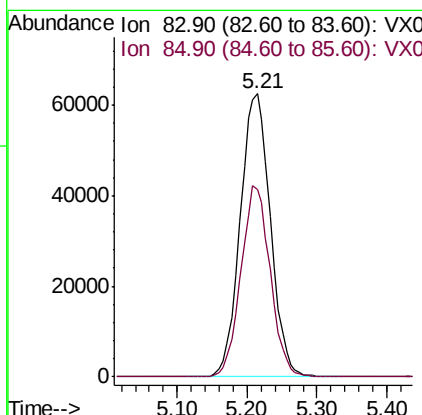
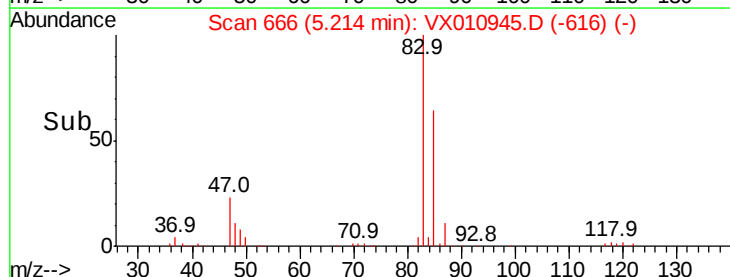
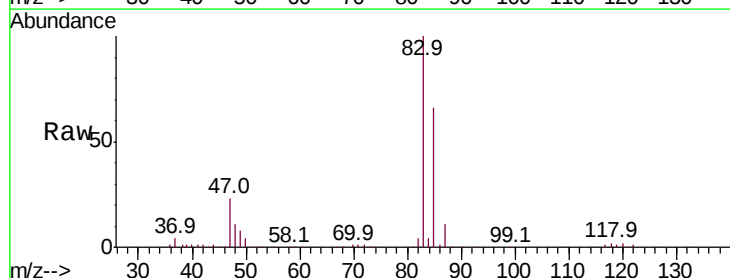
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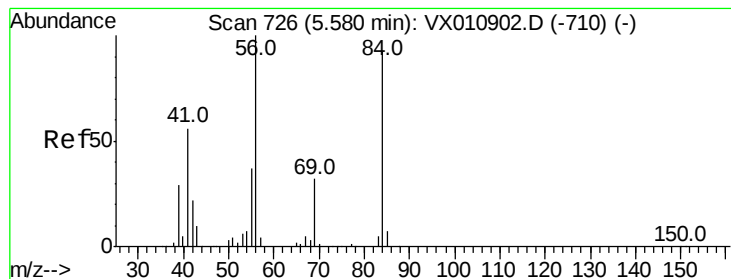
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#30
Chloroform
Concen: 52.369 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.4	77.0





#31

Cyclohexane

Concen: 52.514 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 158648

Ion Ratio Lower Upper

56 100

69 32.6 25.8 38.8

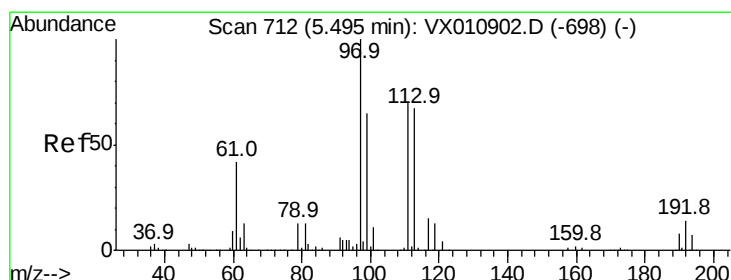
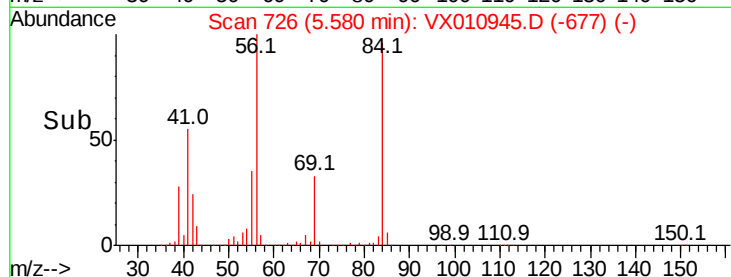
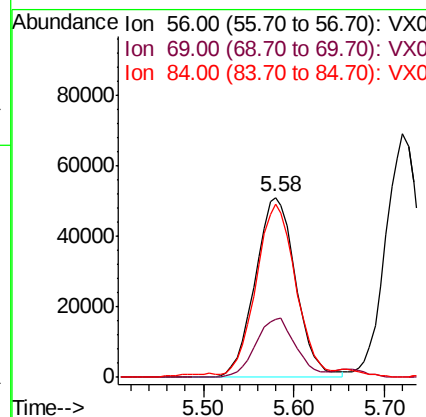
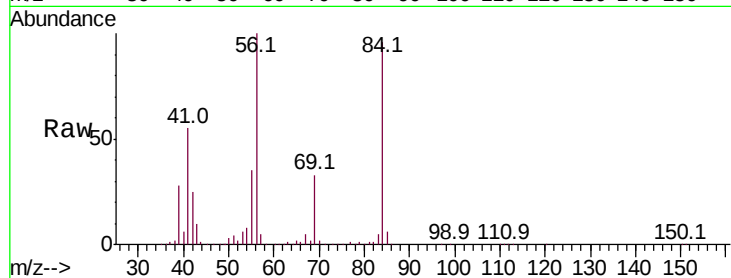
84 94.9 73.8 110.6

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#32

1,1,1-Trichloroethane

Concen: 53.562 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

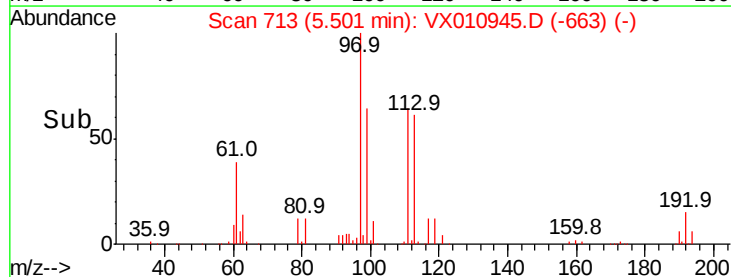
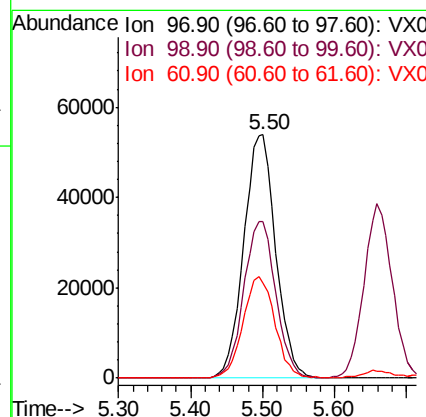
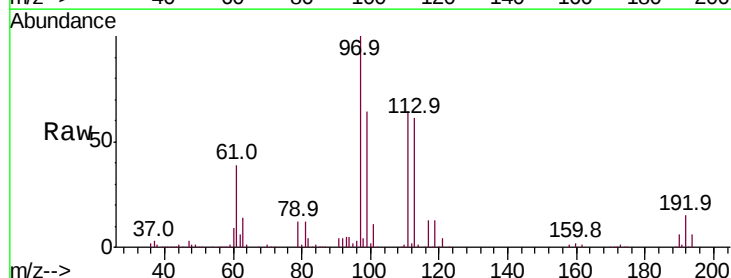
Tgt Ion: 97 Resp: 166013

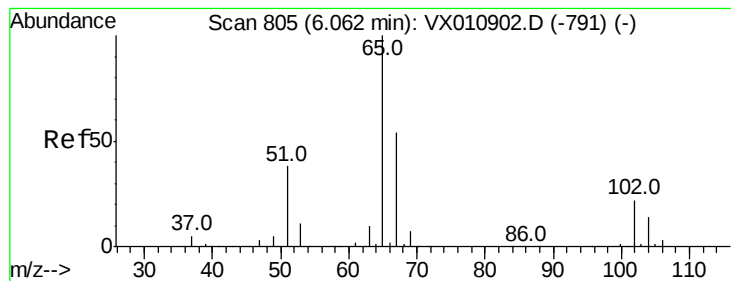
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 41.6 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 48.552 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 108030

Ion Ratio Lower Upper

65 100

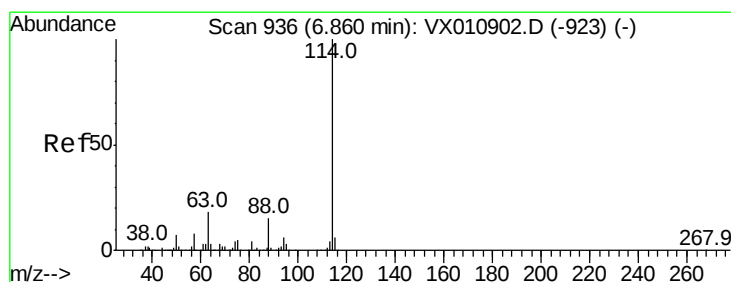
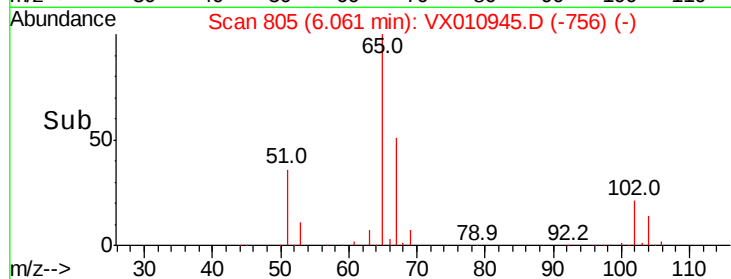
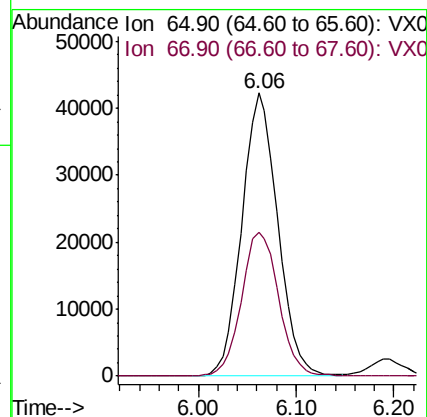
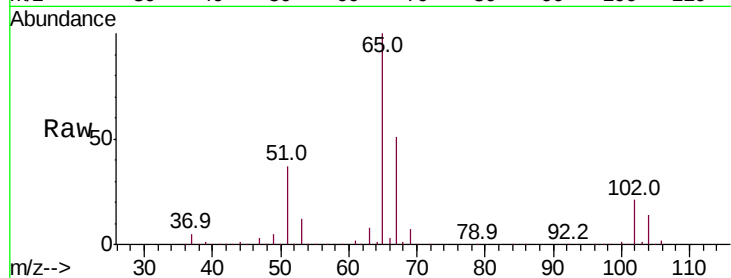
67 52.7 0.0 107.8

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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: VX010945.D

Acq: 17 Jul 2019 18:49

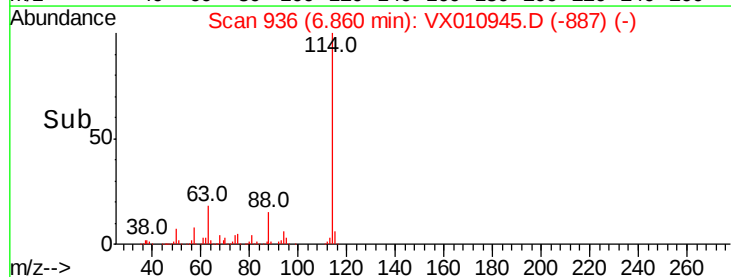
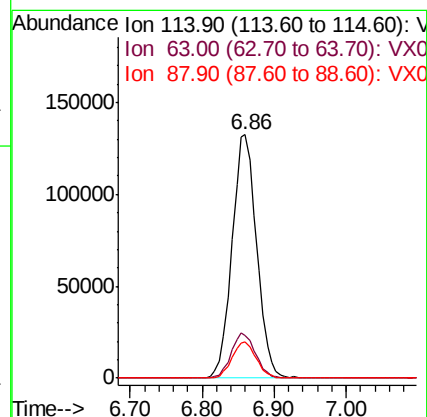
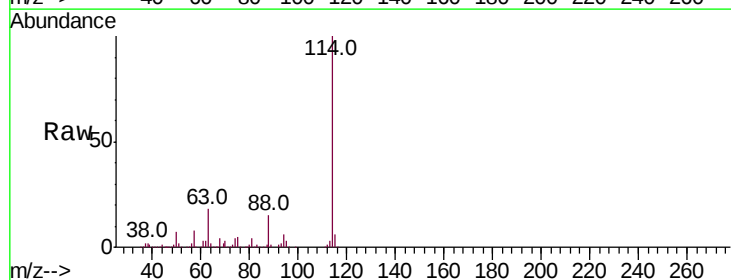
Tgt Ion: 114 Resp: 314651

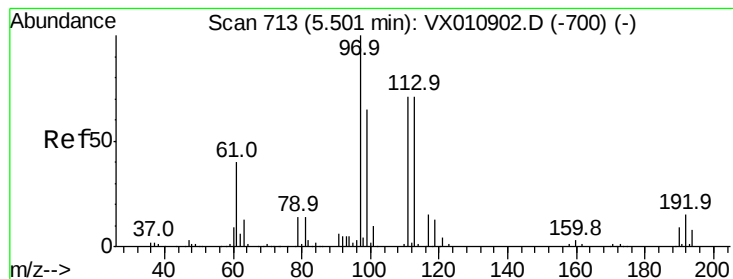
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.6

88 15.1 0.0 29.8





#35

Dibromofluoromethane

Concen: 48.853 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

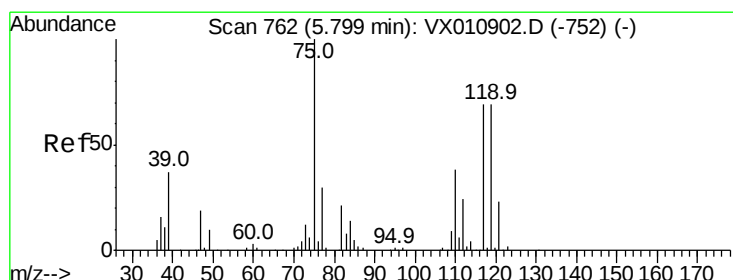
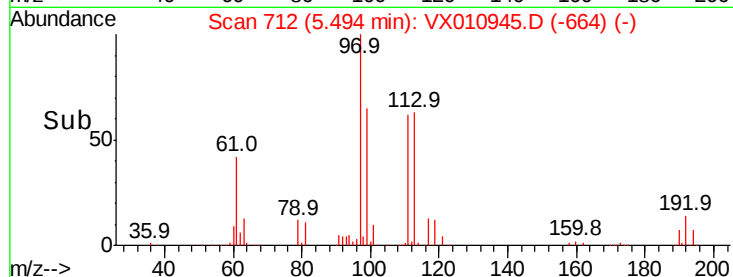
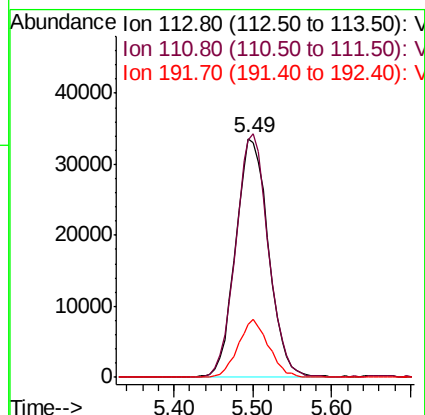
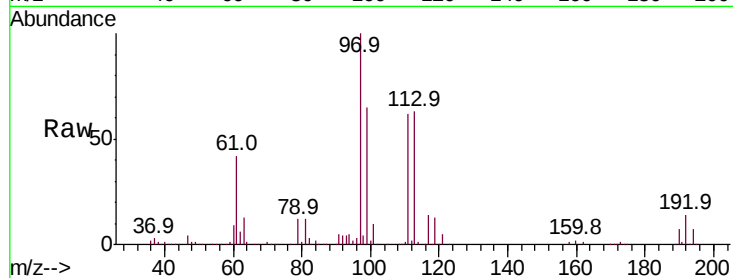
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	97568
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.3	123.5
192	22.6	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 52.488 ug/l

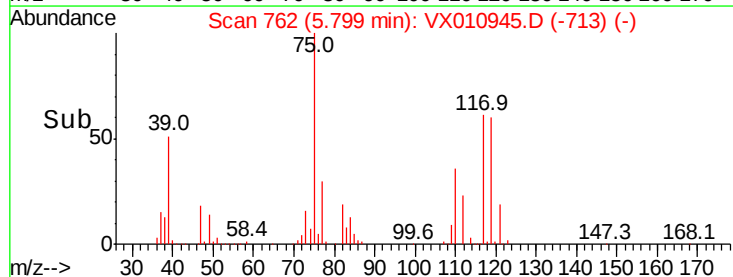
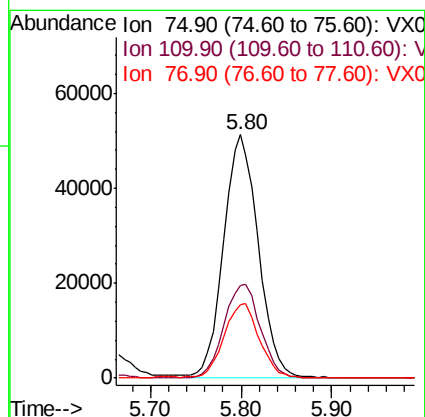
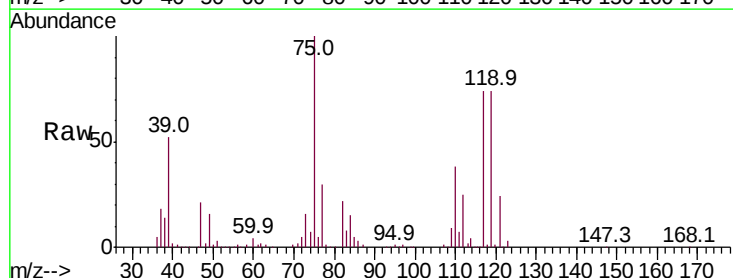
RT: 5.80 min Scan# 762

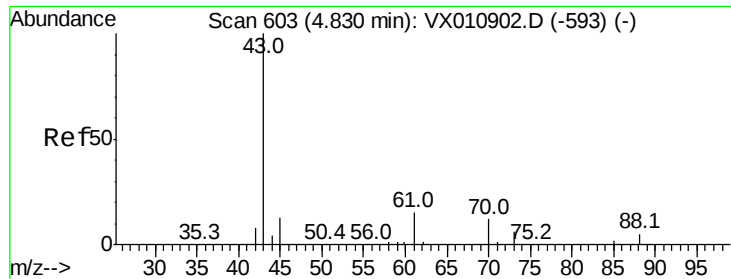
Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion:	75	Resp:	135659
Ion	Ratio	Lower	Upper
75	100		
110	40.7	19.9	59.7
77	31.1	25.0	37.4





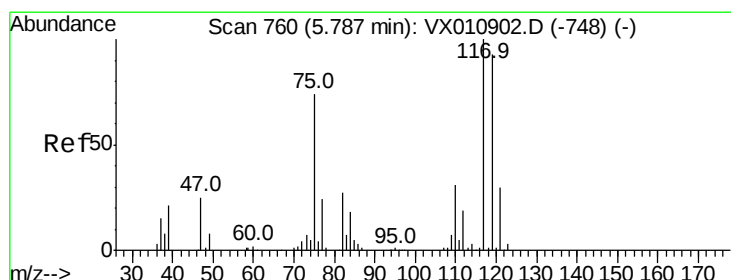
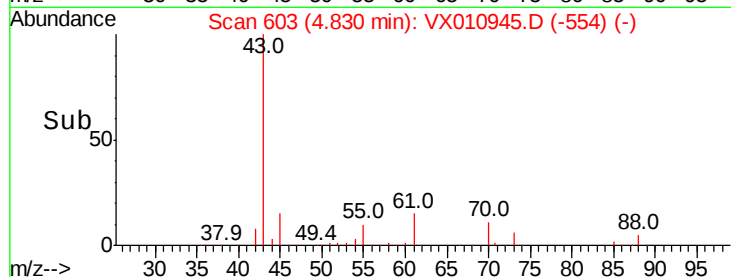
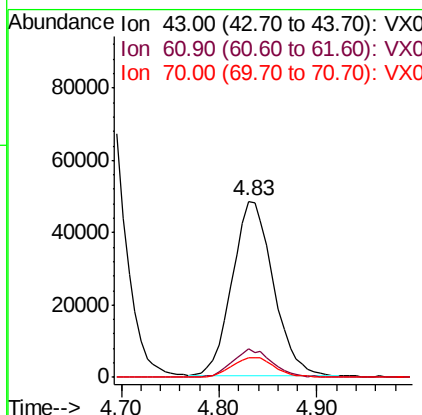
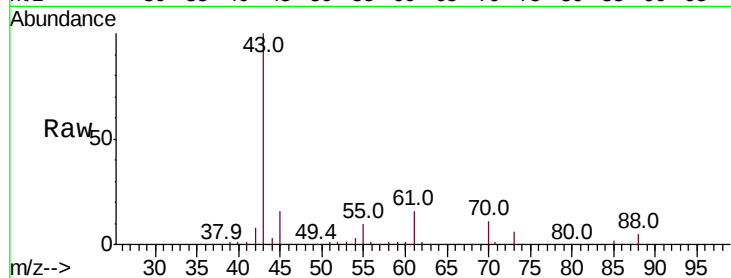
#37
Ethyl Acetate
Concen: 53.082 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.6	17.4
70	12.1	9.1	13.7

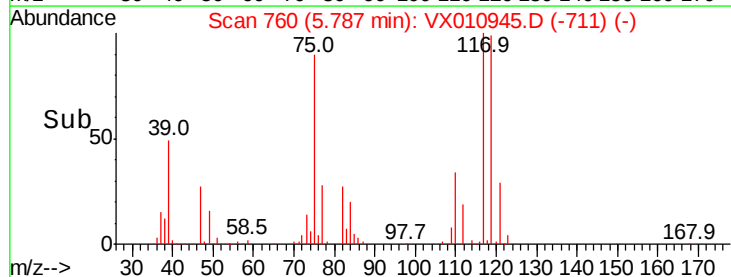
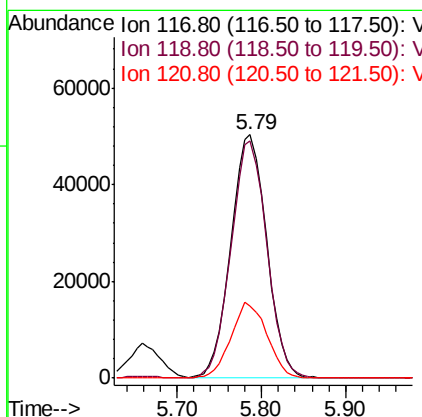
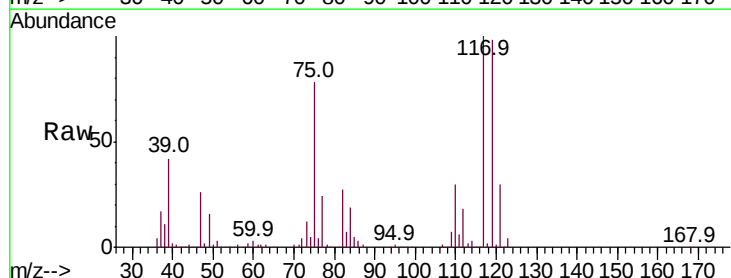
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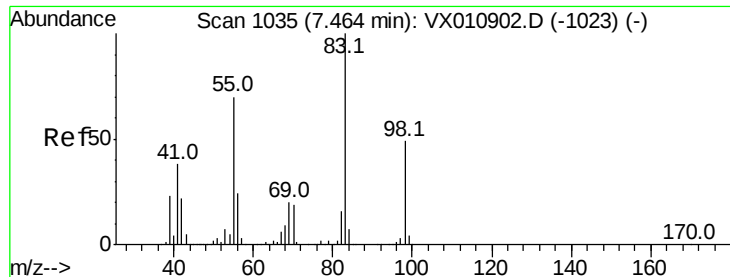
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#38
Carbon Tetrachloride
Concen: 53.977 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.2	111.2
121	29.5	24.2	36.2





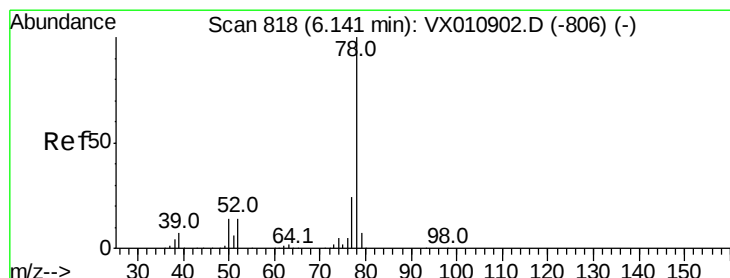
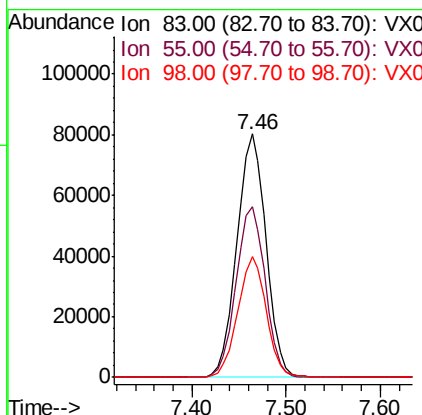
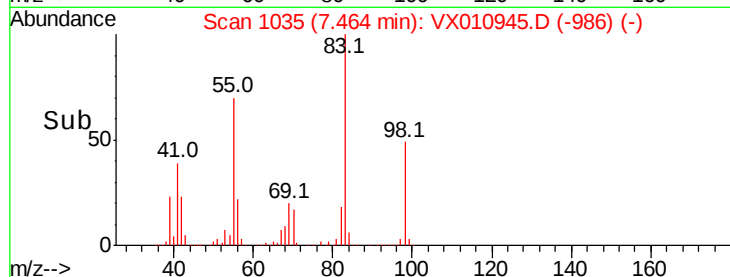
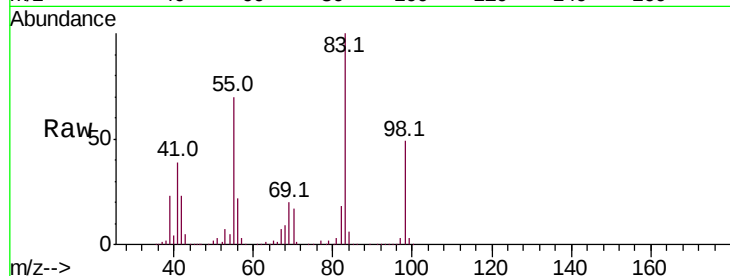
#39
Methvlcvclohexane
Concen: 51.706 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.0	56.2	84.4
98	49.4	39.0	58.4

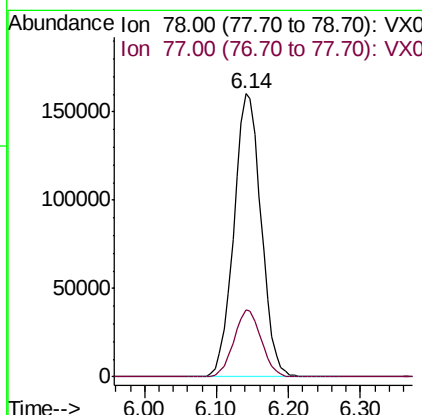
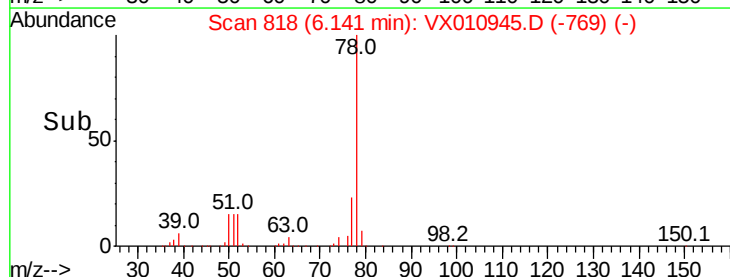
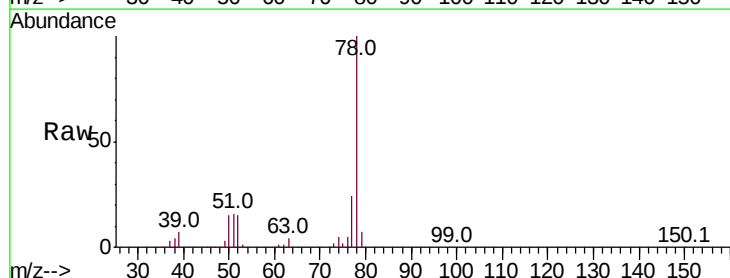
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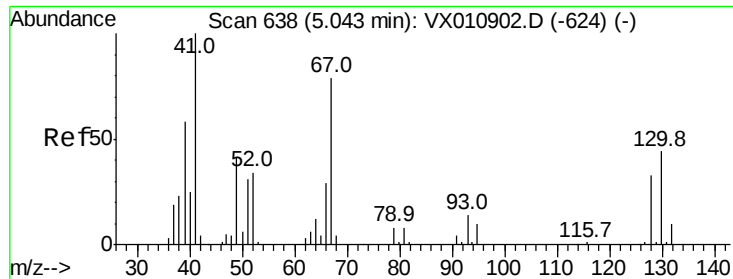
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#40
Benzene
Concen: 53.156 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





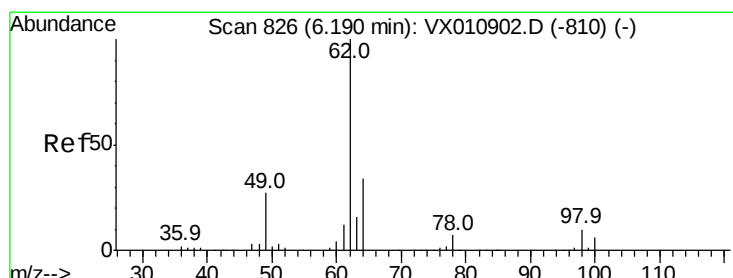
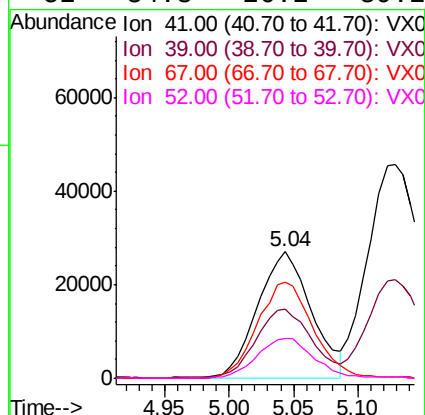
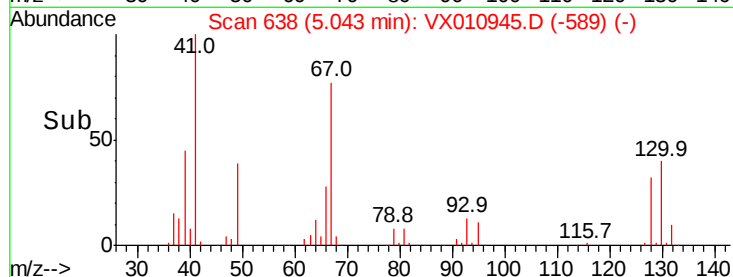
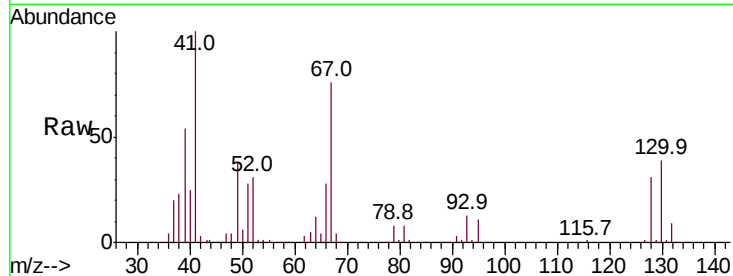
#41
Methacrylonitrile
Concen: 51.934 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.0	45.4	68.2	
67	79.6	65.9	98.9	
52	34.3	26.2	39.2	

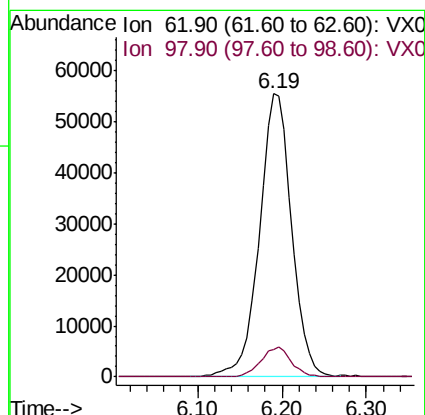
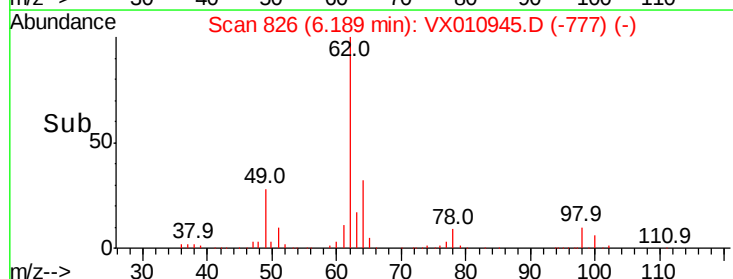
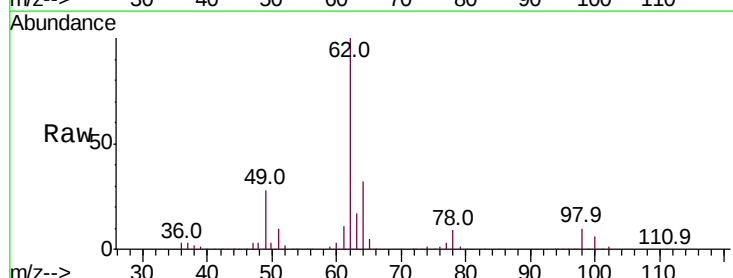
Manual Integrations
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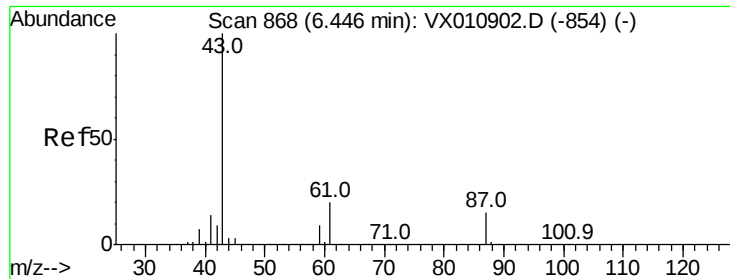
MMDadoda
7/22/2019 10:58:26 AM



#42
1,2-Dichloroethane
Concen: 53.021 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	20.0	





#43

Isopropyl Acetate

Concen: 53.543 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

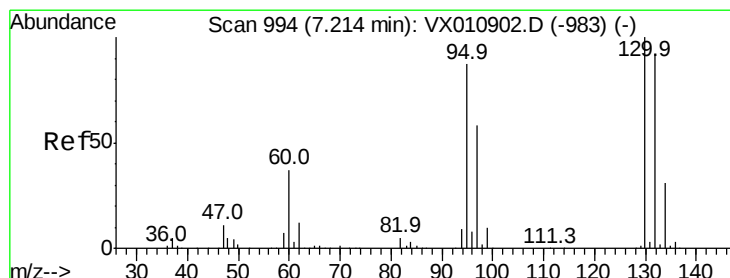
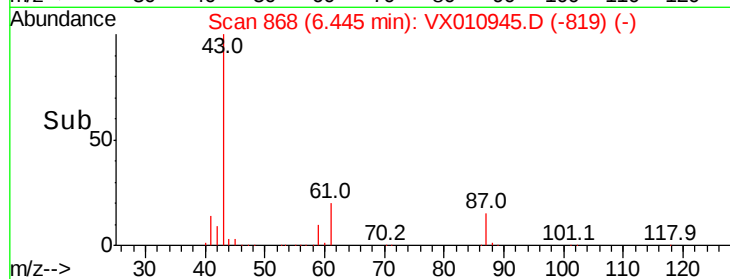
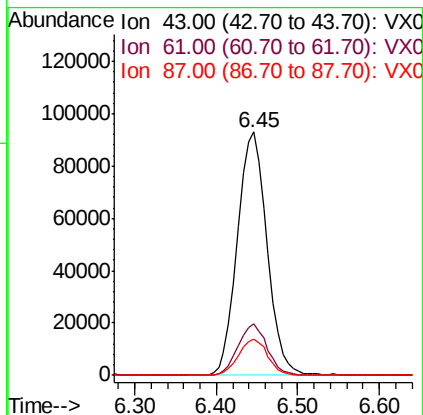
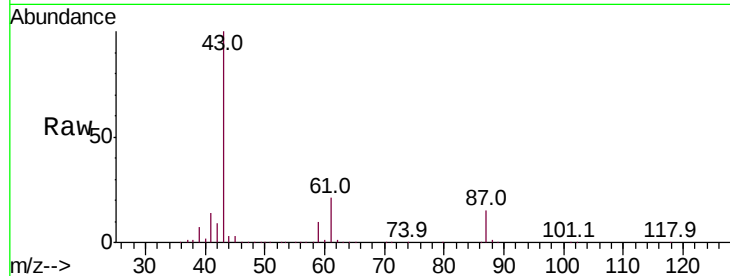
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	233004
Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.1	25.7
87	14.9	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 51.270 ug/l

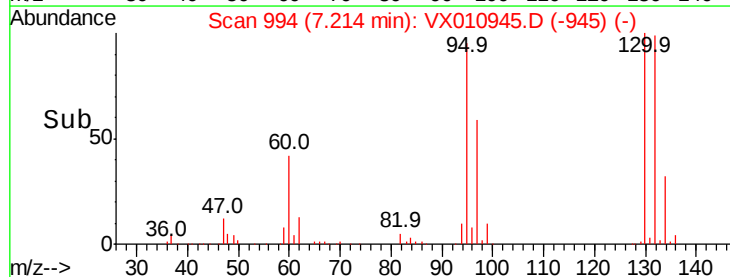
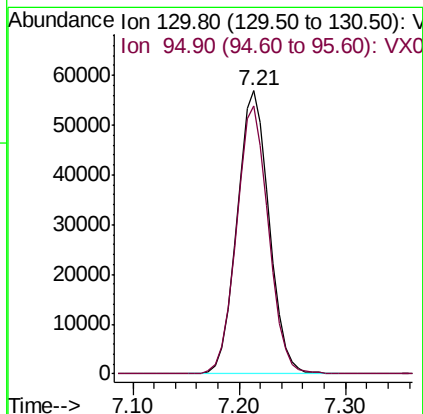
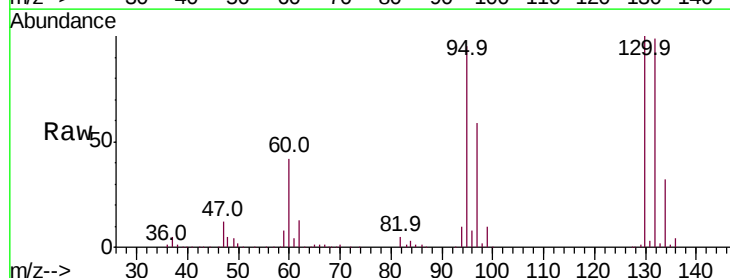
RT: 7.21 min Scan# 994

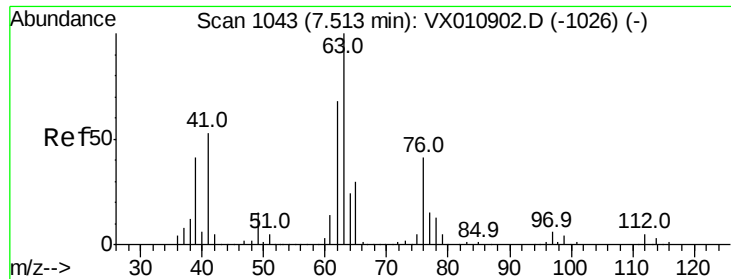
Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion:	130	Resp:	120150
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	174.8





#45

1,2-Dichloropropane

Concen: 52.621 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 106034

Ion Ratio Lower Upper

63 100

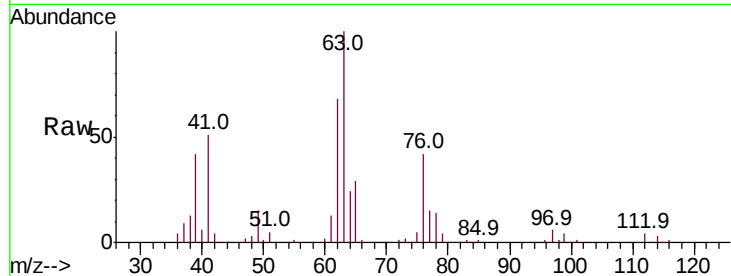
65 29.0 24.4 36.6

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

60000

50000

40000

30000

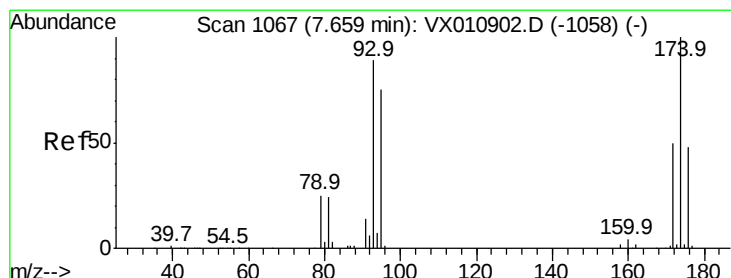
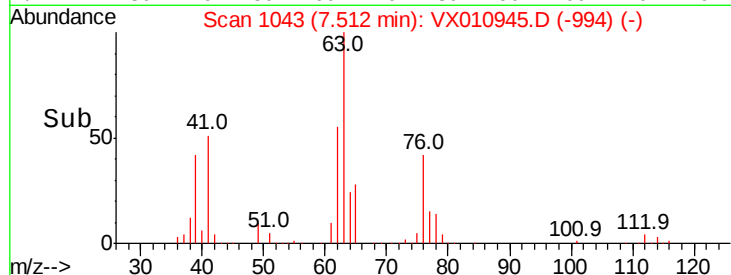
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 53.332 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

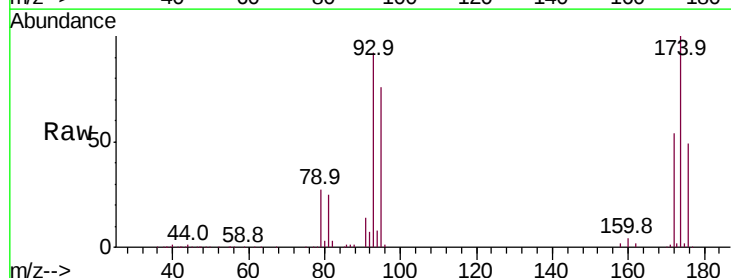
Tgt Ion: 93 Resp: 76792

Ion Ratio Lower Upper

93 100

95 84.9 67.2 100.8

174 113.6 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

60000

50000

40000

30000

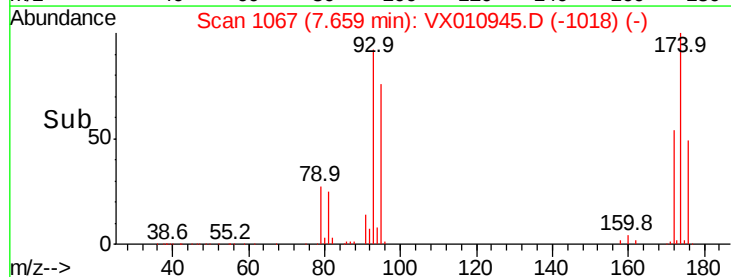
20000

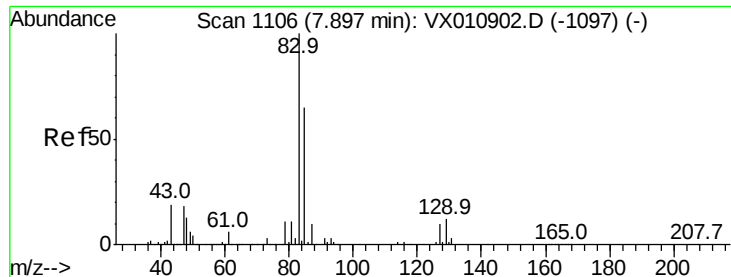
10000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 55.184 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

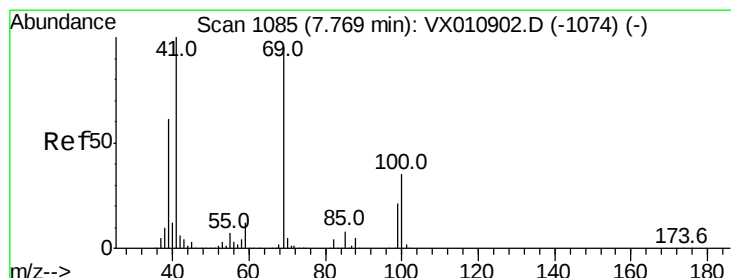
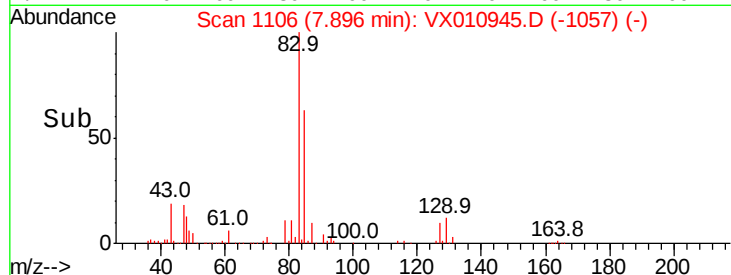
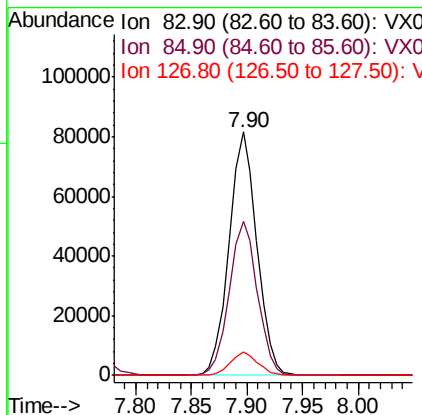
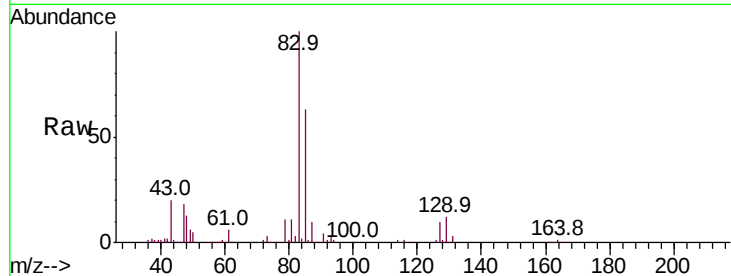
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	141443
Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.5	78.7
127	9.7	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.404 ug/l

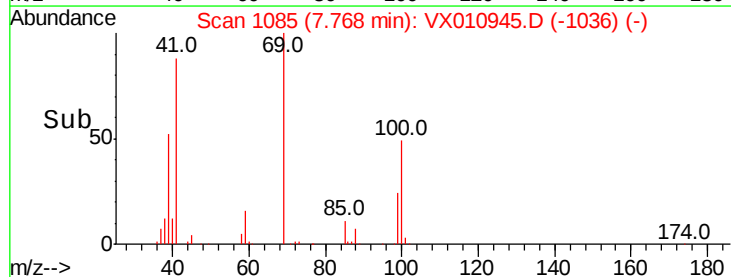
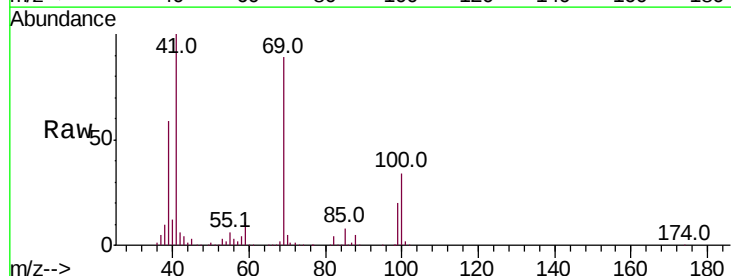
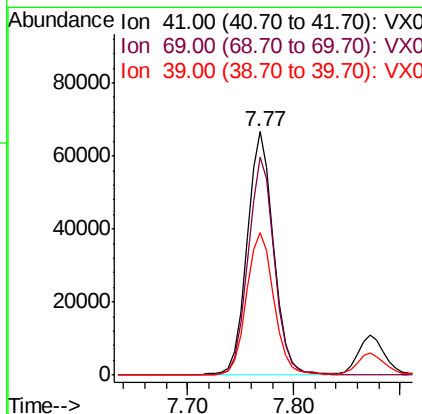
RT: 7.77 min Scan# 1085

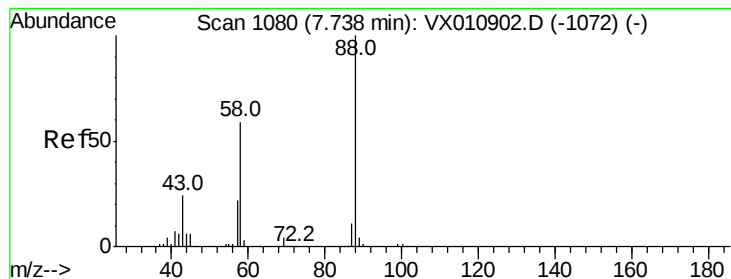
Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion:	41	Resp:	115333
Ion	Ratio	Lower	Upper
41	100		
69	89.9	74.4	111.6
39	61.1	48.9	73.3





#49

1,4-Dioxane

Concen: 953.788 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

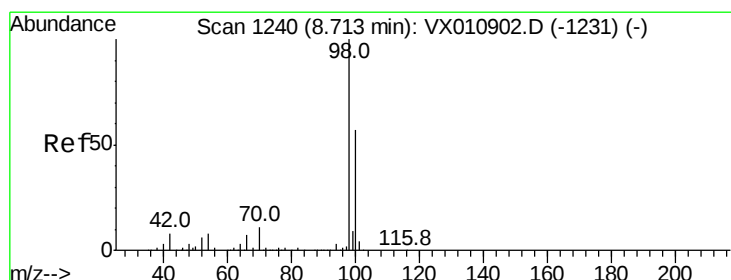
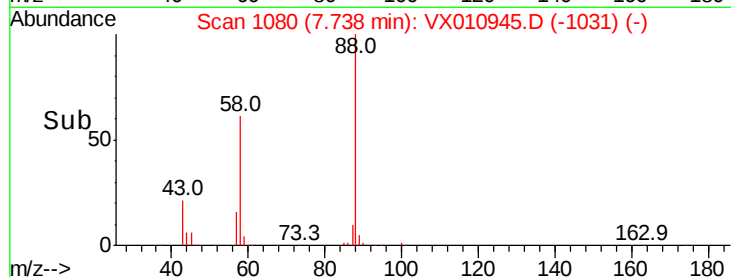
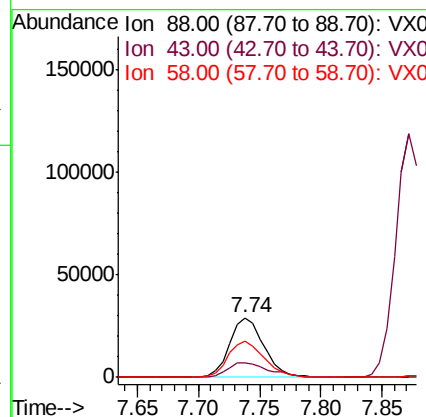
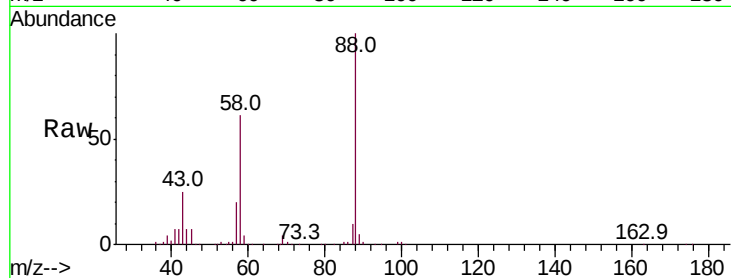
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	56559
Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.9	34.3
58	63.9	49.8	74.8

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#50

Toluene-d8

Concen: 48.371 ug/l

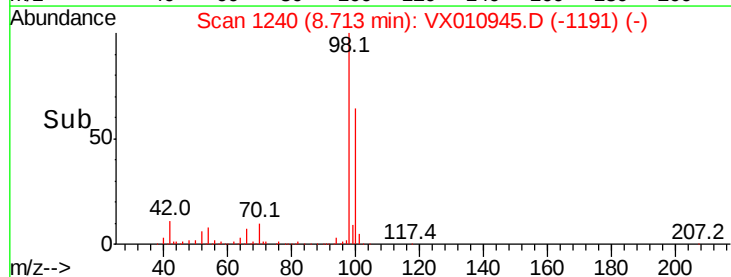
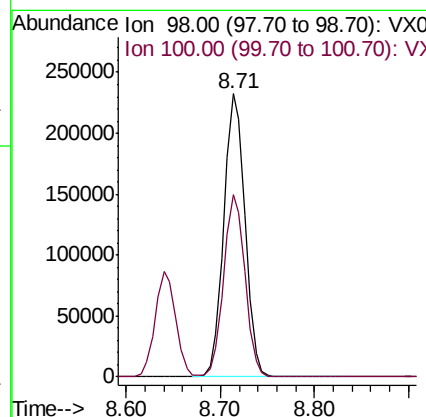
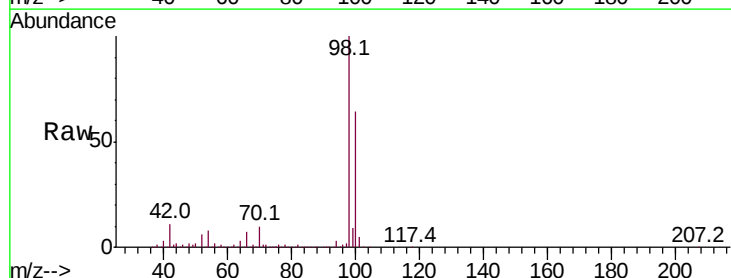
RT: 8.71 min Scan# 1240

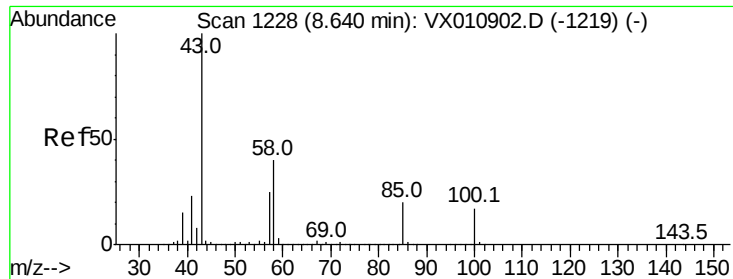
Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion:	98	Resp:	362328
Ion	Ratio	Lower	Upper
98	100		
100	64.7	50.6	75.8





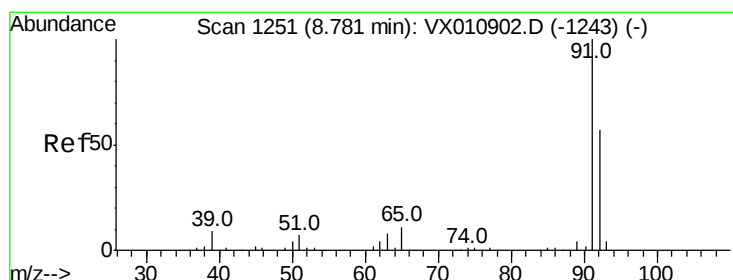
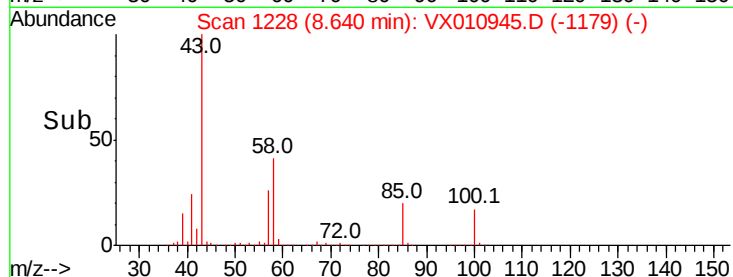
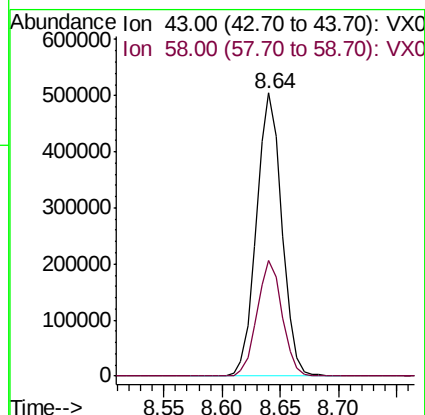
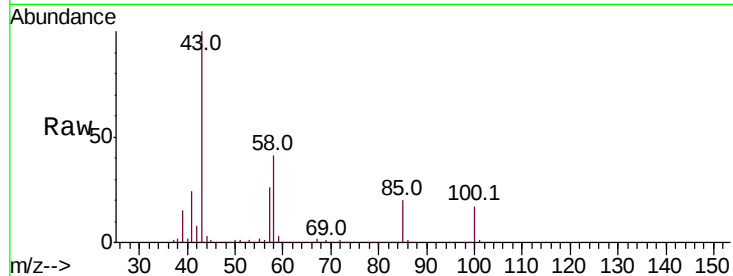
#51
4-Methyl-2-Pentanone
Concen: 272.924 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 769899
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.4

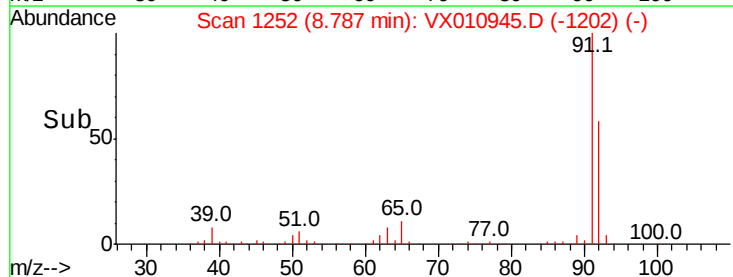
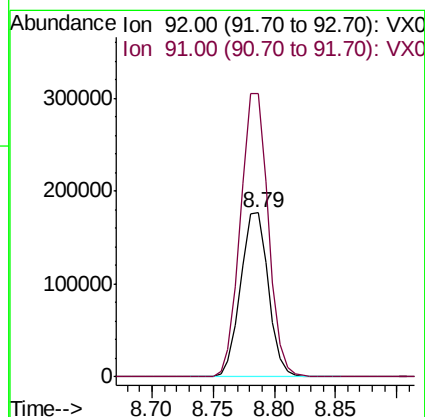
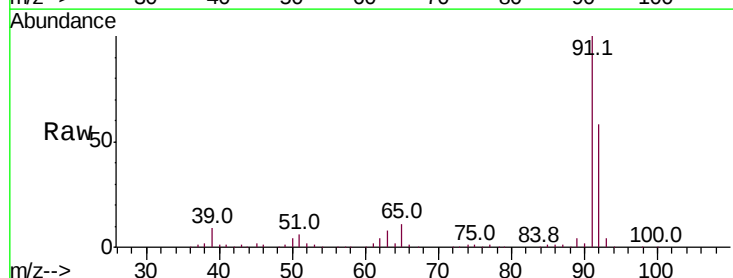
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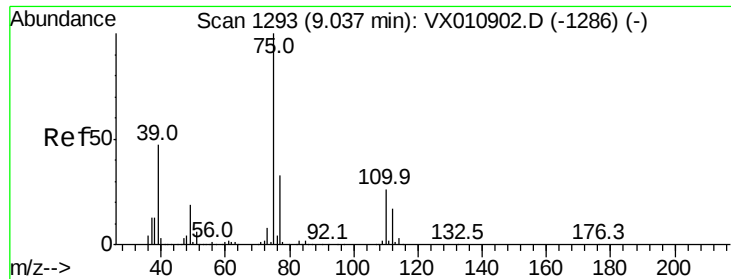
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#52
Toluene
Concen: 53.564 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion: 92 Resp: 278582
Ion Ratio Lower Upper
92 100
91 172.5 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 55.397 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 152674

Ion Ratio Lower Upper

75 100

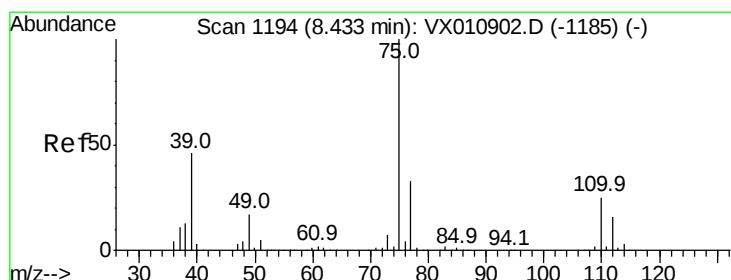
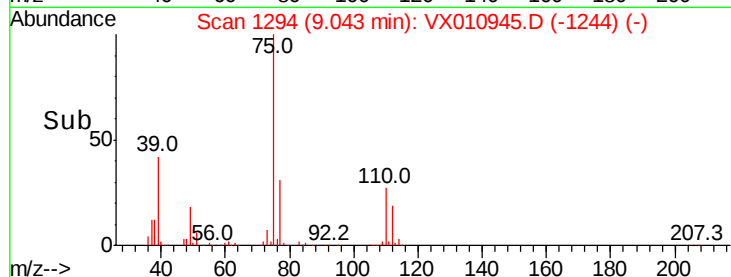
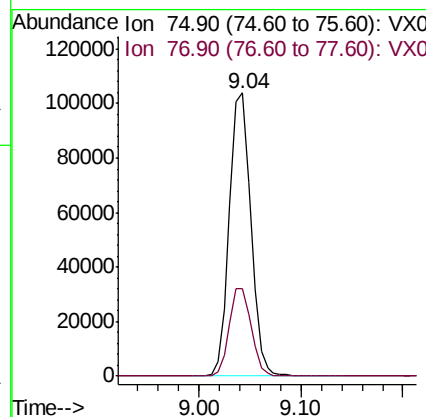
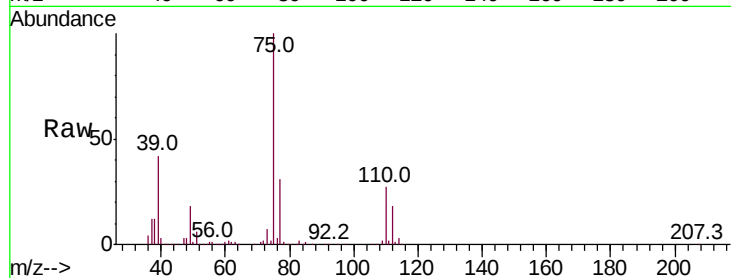
77 31.0 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 54.154 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

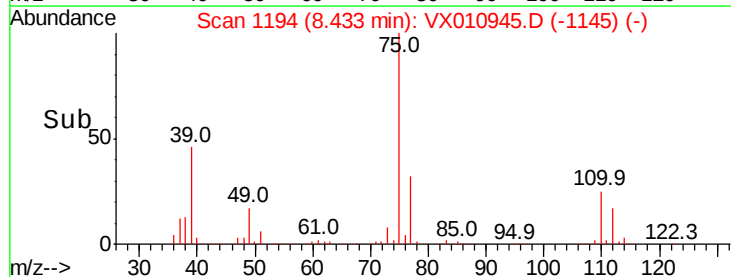
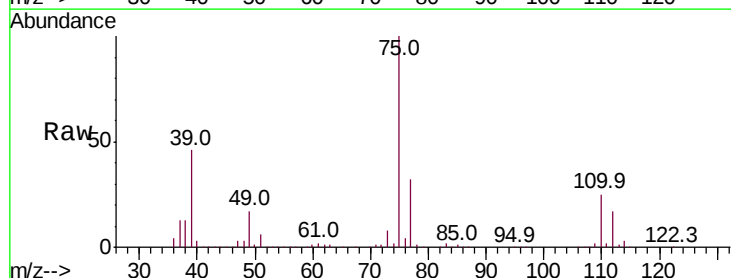
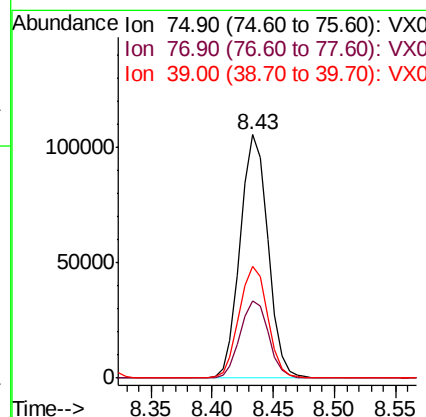
Tgt Ion: 75 Resp: 166075

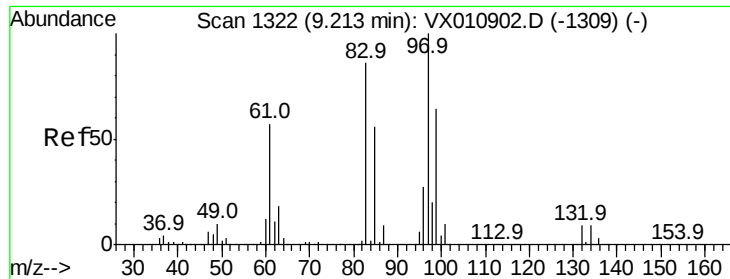
Ion Ratio Lower Upper

75 100

77 31.5 26.1 39.1

39 45.9 36.6 54.8





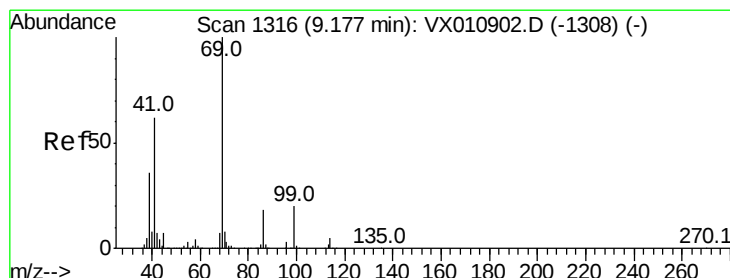
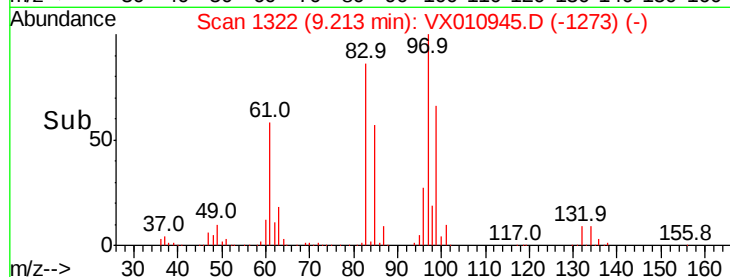
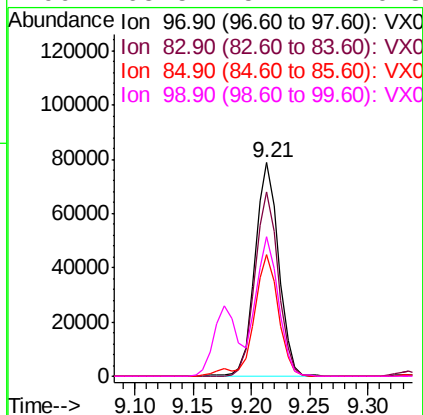
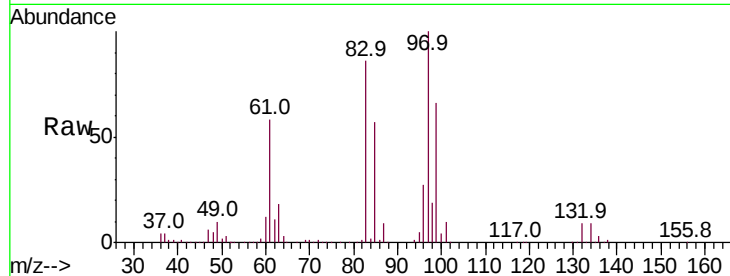
#55
 1,1,2-Trichloroethane
 Concen: 52.414 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.3	69.2	103.8	
85	56.8	44.6	66.8	
99	65.5	51.2	76.8	

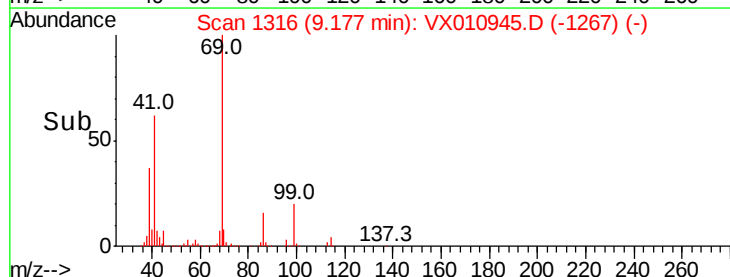
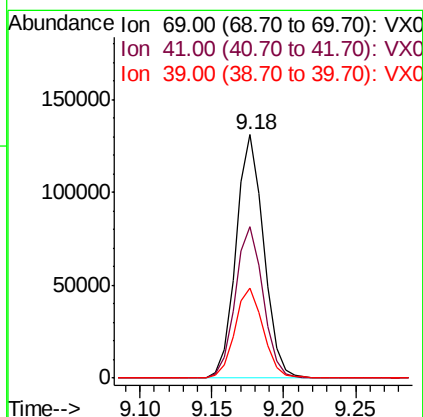
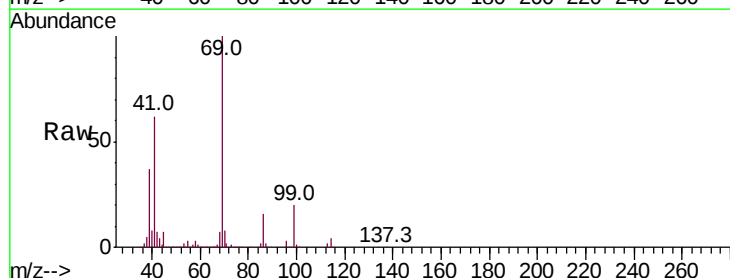
Manual Integrations
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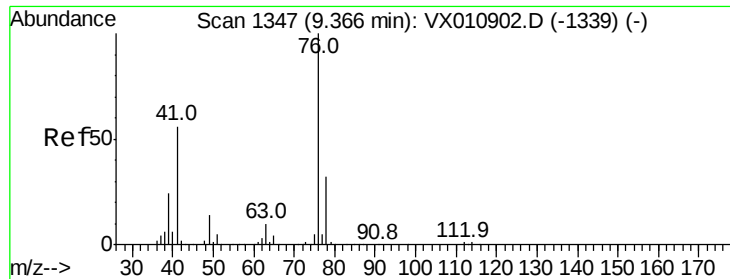
MMDadoda
 7/22/2019 10:58:26 AM



#56
 Ethyl methacrylate
 Concen: 56.096 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	62.2	49.7	74.5	
39	38.0	29.6	44.4	





#57

1,3-Dichloropropane

Concen: 53.566 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 181972

Ion Ratio Lower Upper

76 100

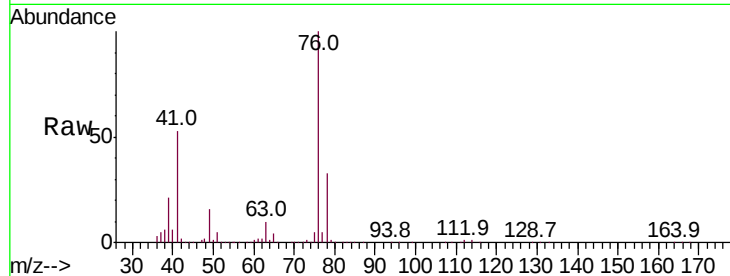
78 32.4 25.6 38.4

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Abundance Ion 75.90 (75.60 to 76.60): VX0

150000 Ion 77.90 (77.60 to 78.60): VX0

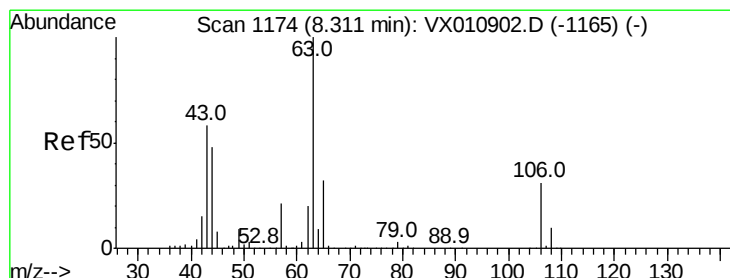
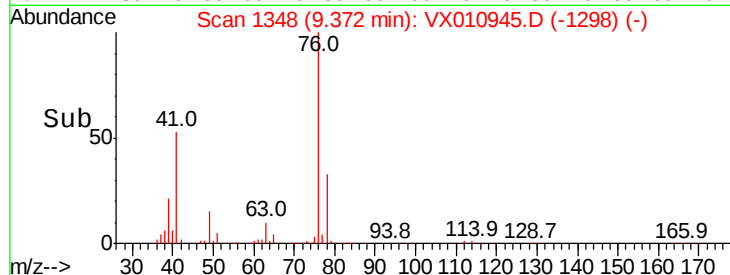
9.37

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 273.865 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010945.D

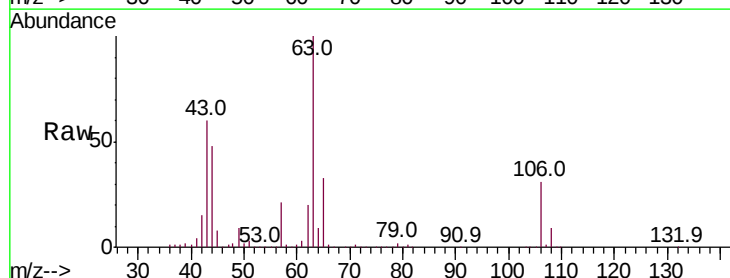
Acq: 17 Jul 2019 18:49

Tgt Ion: 63 Resp: 409515

Ion Ratio Lower Upper

63 100

106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

300000 Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

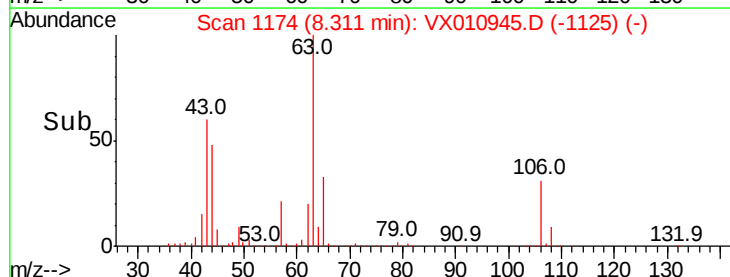
150000

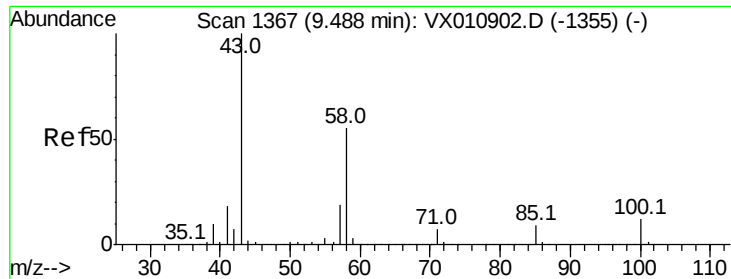
100000

50000

0

Time-->





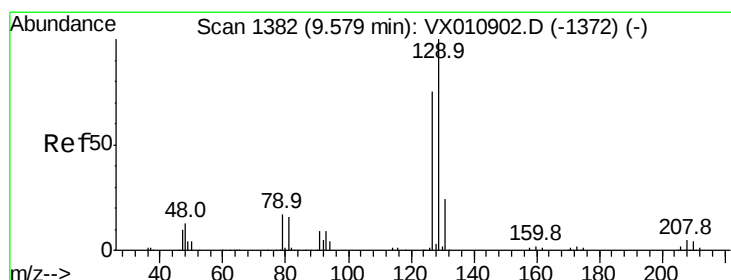
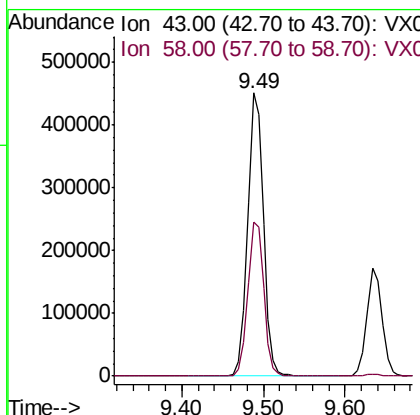
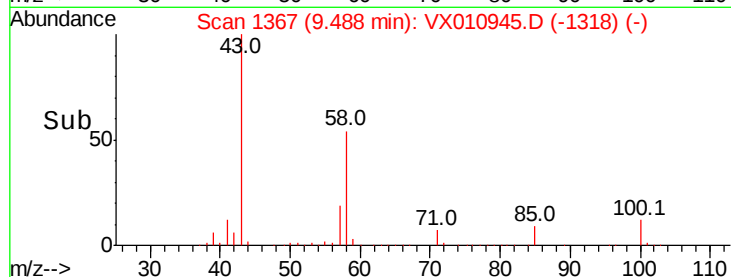
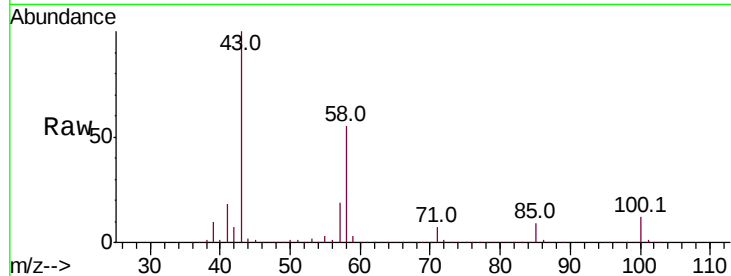
#59
2-Hexanone
Concen: 275.813 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 603469
Ion Ratio Lower Upper
43 100
58 55.5 28.0 83.9

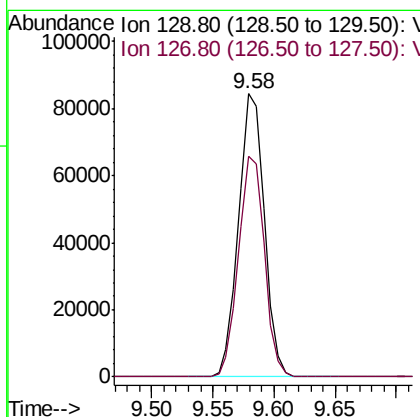
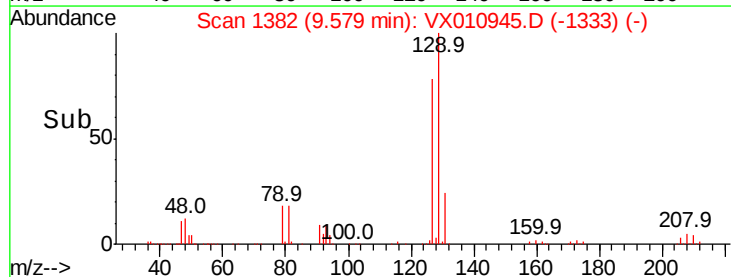
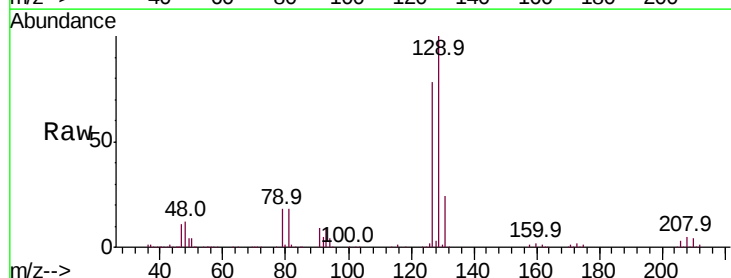
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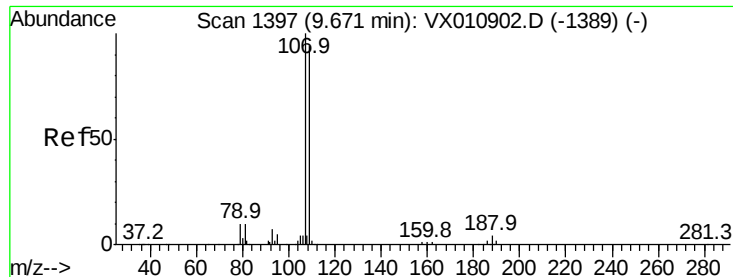
MMDadoda
7/22/2019 10:58:26 AM



#60
Dibromochloromethane
Concen: 49.993 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion: 129 Resp: 123211
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 54.676 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 124259

Ion Ratio Lower Upper

107 100

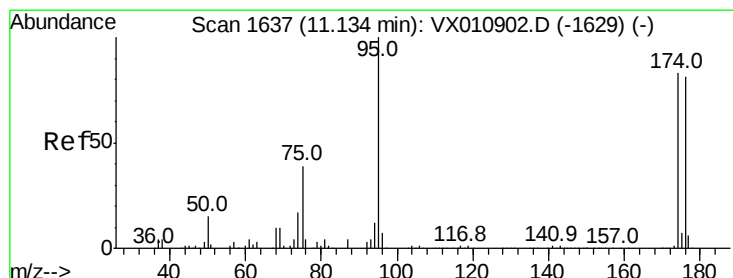
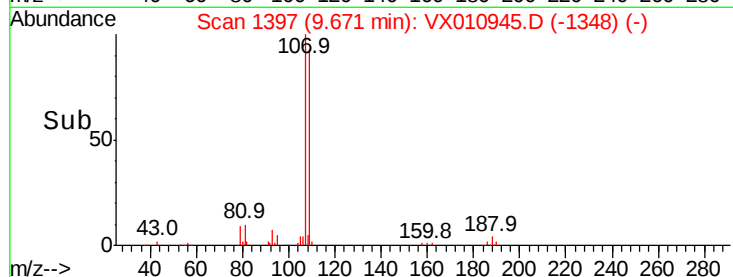
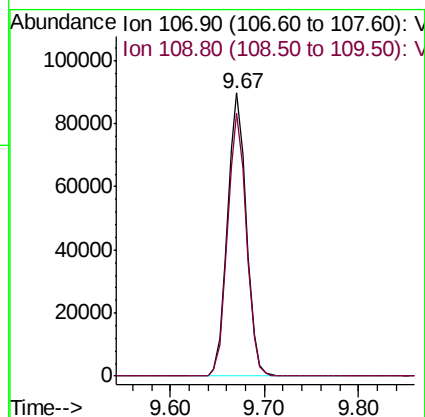
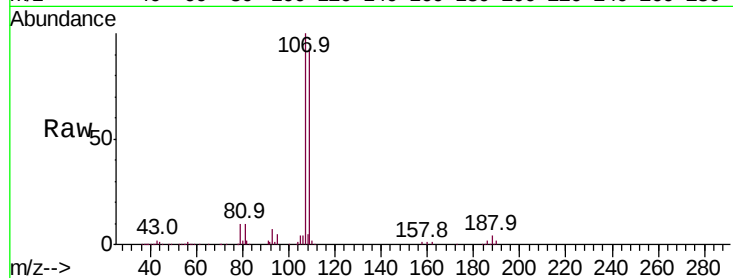
109 93.1 75.4 113.0

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7/22/2019 10:58:26 AM



#62

4-Bromofluorobenzene

Concen: 49.268 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

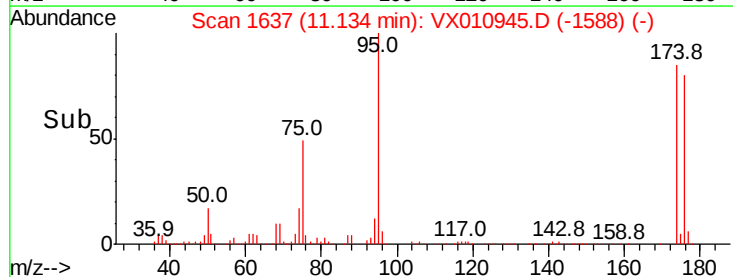
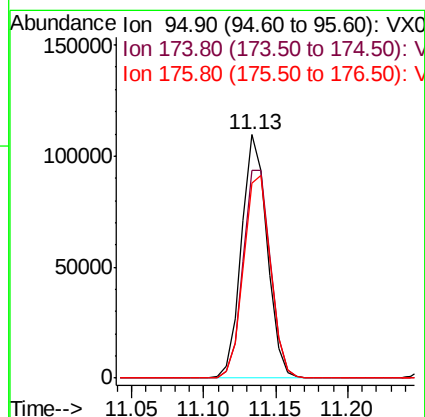
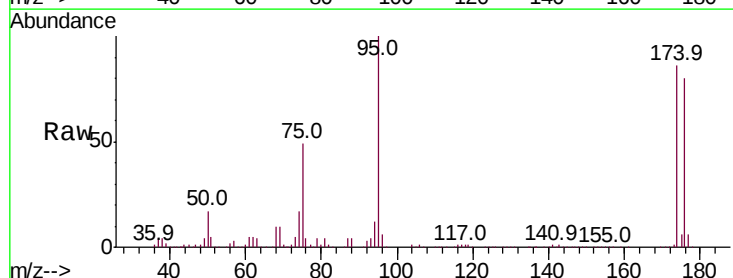
Tgt Ion: 95 Resp: 135650

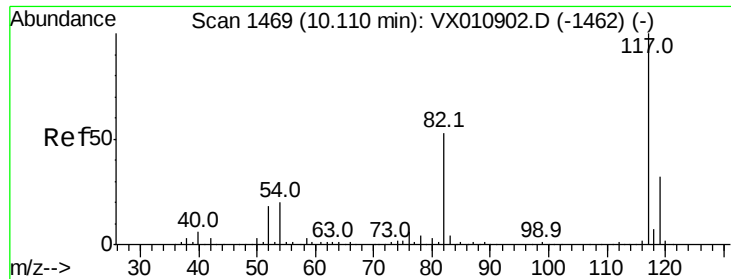
Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.6

176 87.4 0.0 173.8





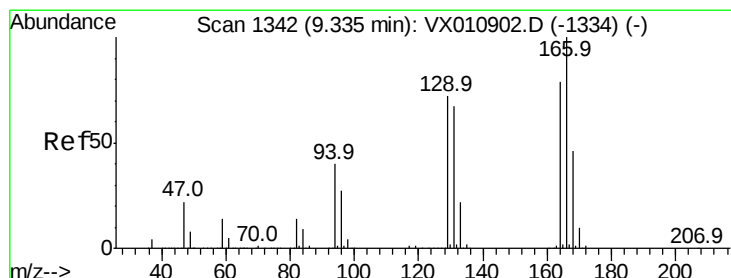
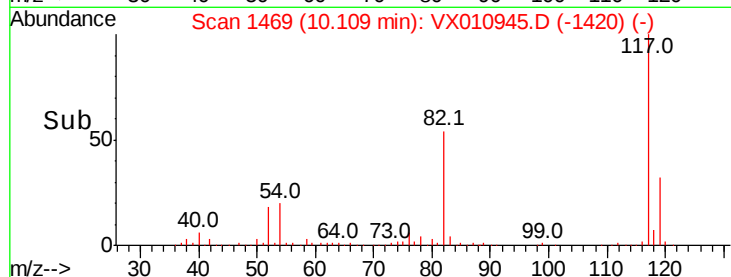
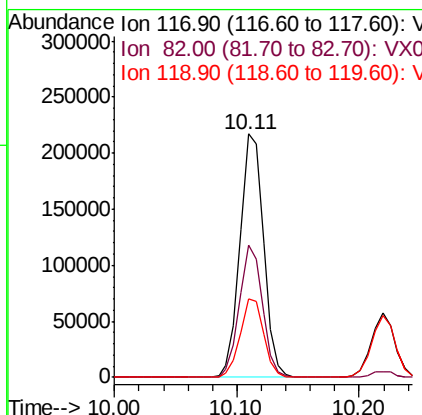
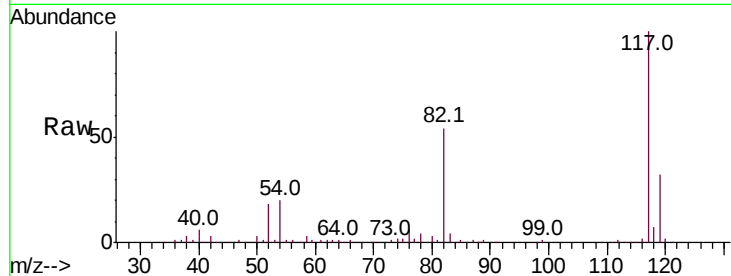
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	289800		
82	54.2	42.6	63.8	
119	32.5	25.9	38.9	

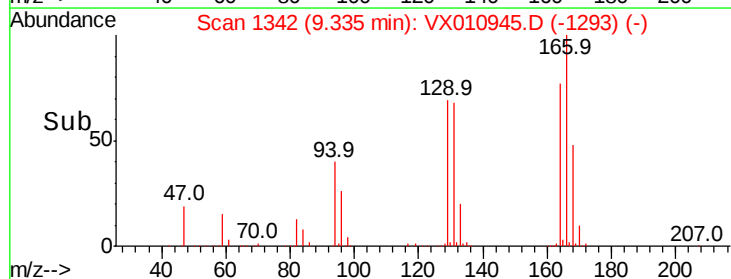
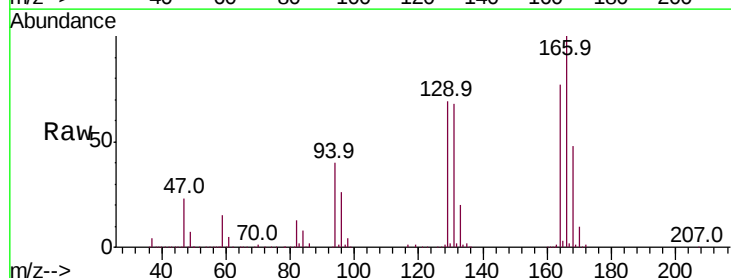
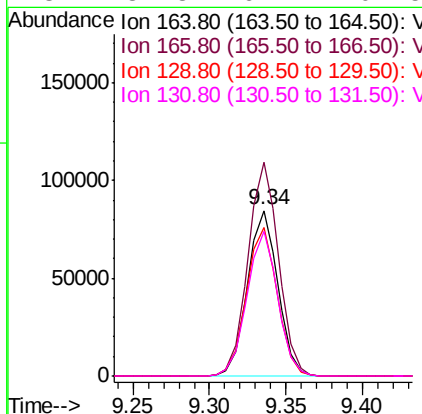
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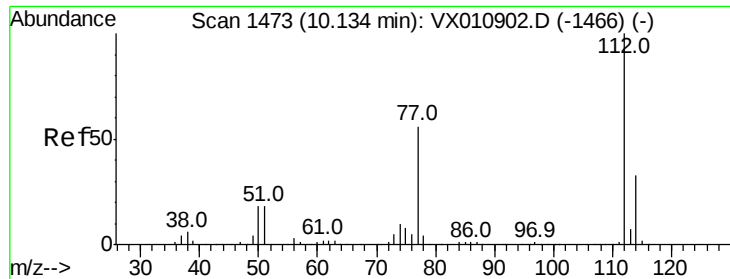
MMDadoda
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#64
Tetrachloroethene
Concen: 51.243 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116825		
166	129.0	100.8	151.2	
129	89.5	72.6	109.0	
131	87.8	67.7	101.5	





#65

Chlorobenzene

Concen: 51.754 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:112 Resp: 308055

Ion Ratio Lower Upper

112 100

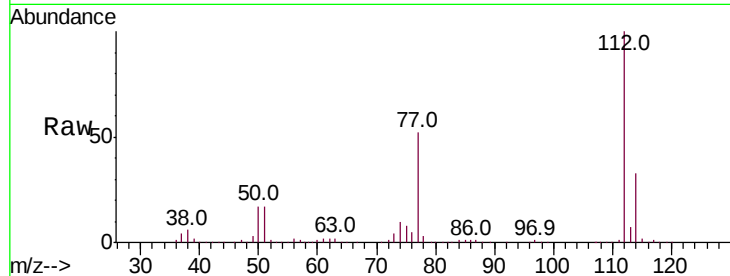
114 32.5 26.2 39.4

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

250000

200000

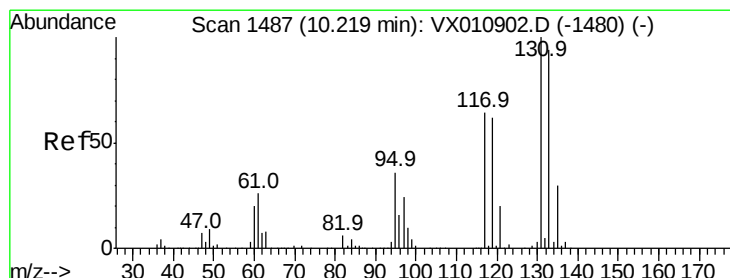
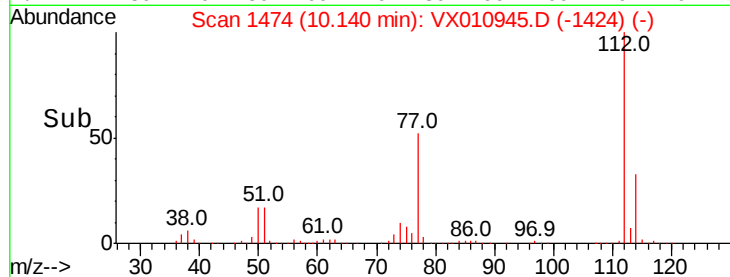
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 54.963 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

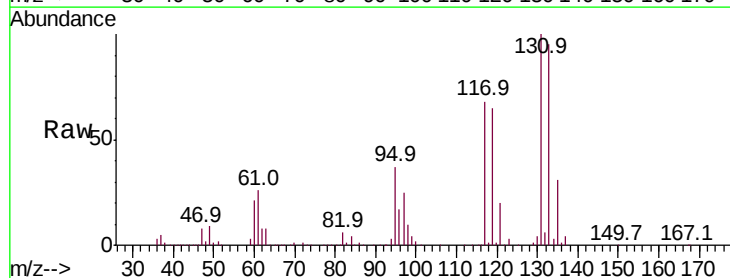
Tgt Ion:131 Resp: 114980

Ion Ratio Lower Upper

131 100

133 95.4 47.1 141.4

119 64.4 31.9 95.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

100000

80000

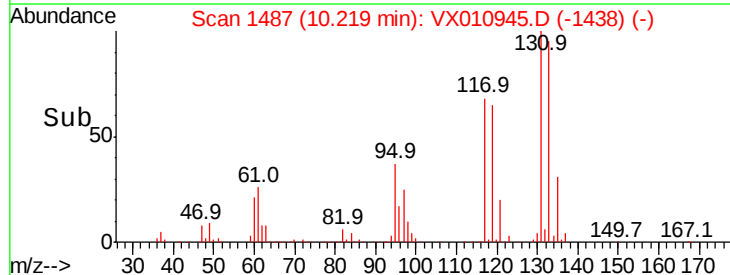
60000

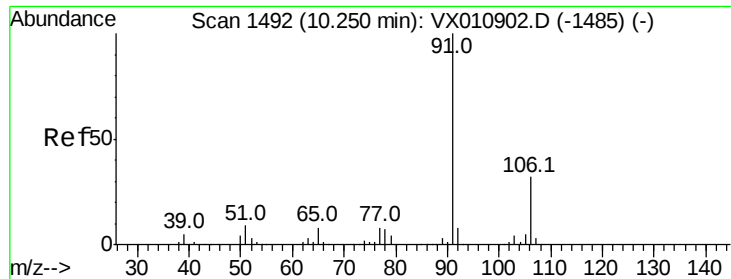
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 53.302 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 540031

Ion Ratio Lower Upper

91 100

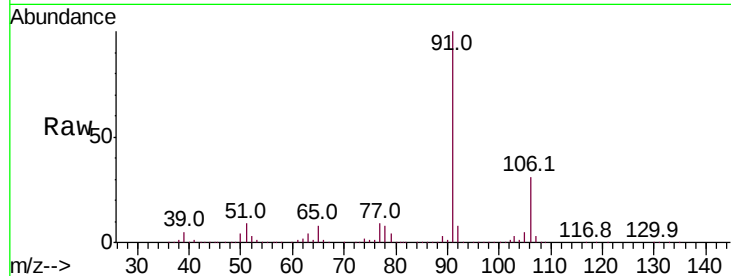
106 31.2 25.4 38.2

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

600000

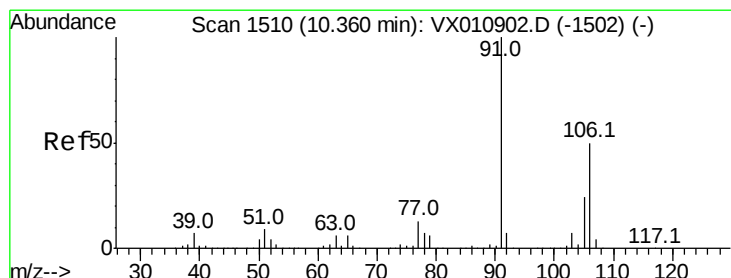
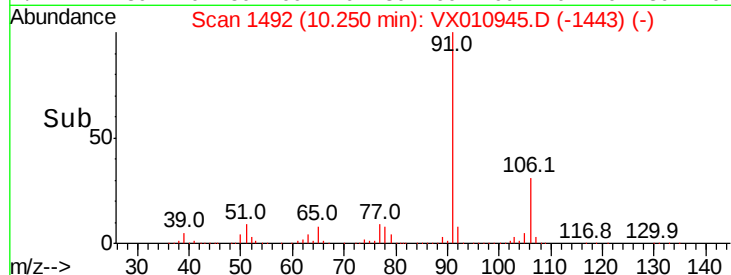
400000

200000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 106.129 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010945.D

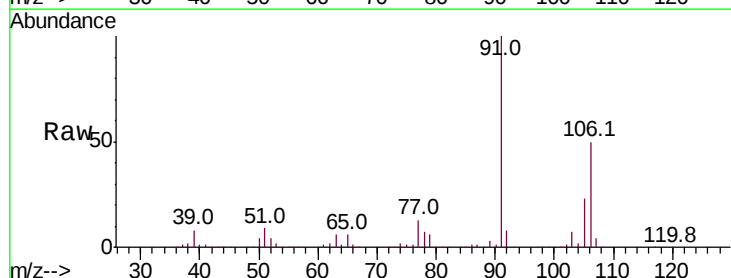
Acq: 17 Jul 2019 18:49

Tgt Ion:106 Resp: 412452

Ion Ratio Lower Upper

106 100

91 201.2 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

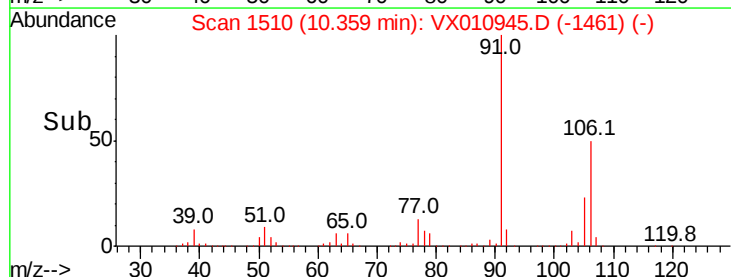
400000

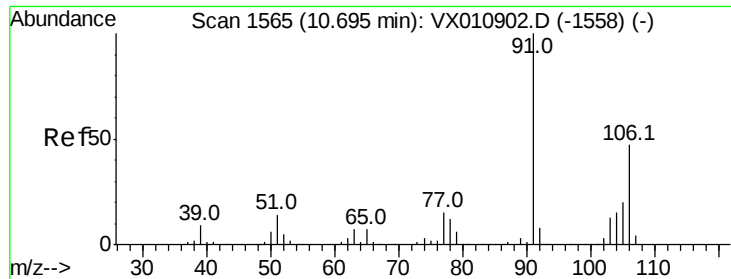
200000

0

10.30 10.40

Time-->





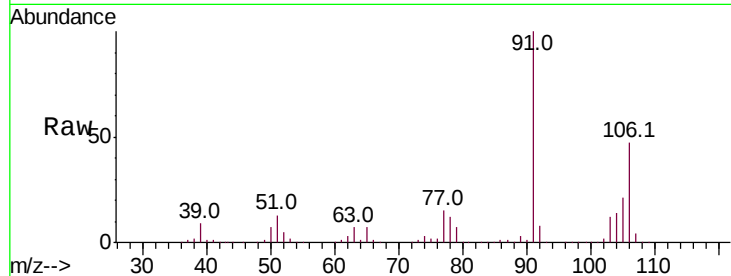
#69
o-Xylene
Concen: 52.940 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

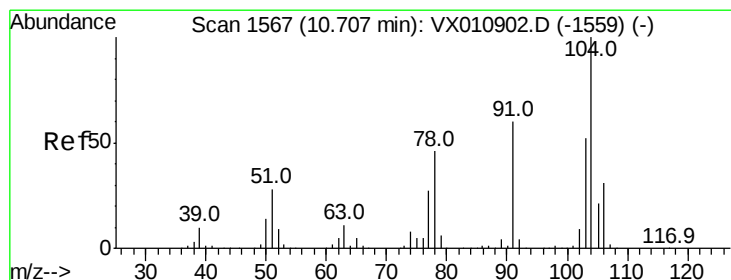
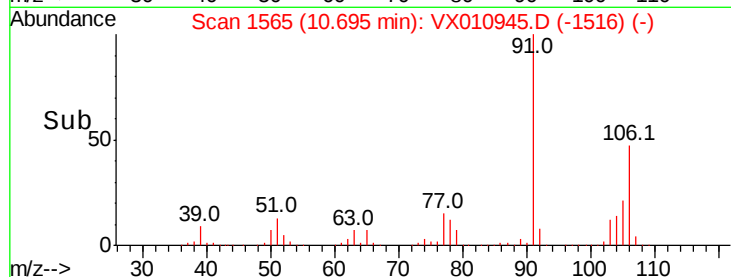
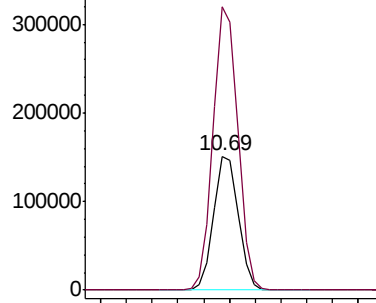
Tot Ion:106 Resp: 200793
Ion Ratio Lower Upper
106 100
91 211.1 105.1 315.3

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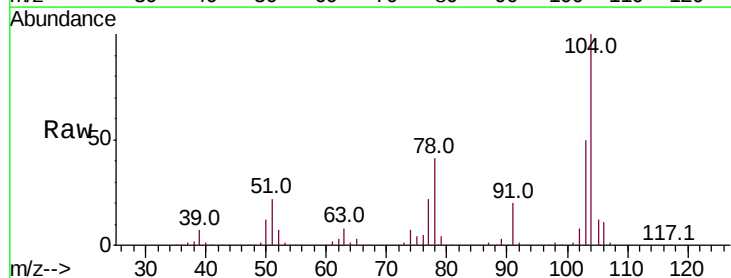


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

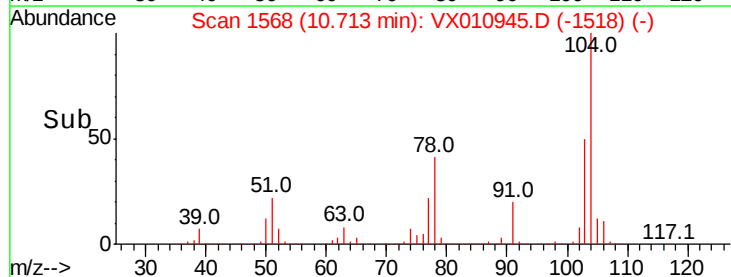
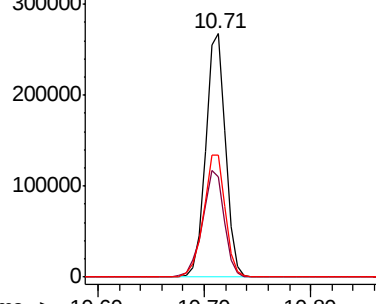


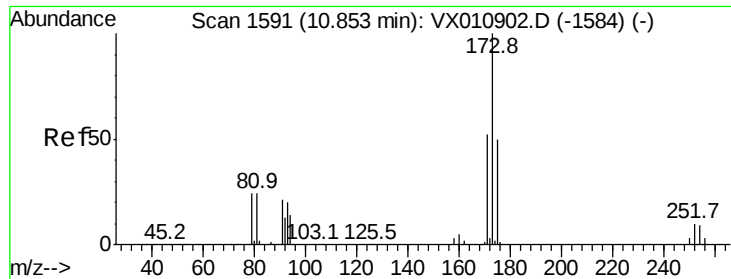
#70
Styrene
Concen: 55.235 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion:104 Resp: 349233
Ion Ratio Lower Upper
104 100
78 47.8 38.8 58.2
103 55.3 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.039 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 93309

Ion Ratio Lower Upper

173 100

175 48.2 24.6 73.6

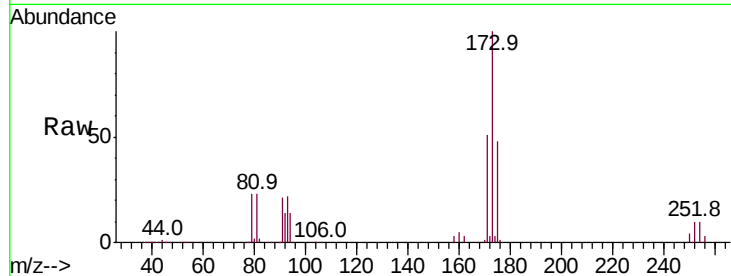
254 0.1 0.1 0.1#

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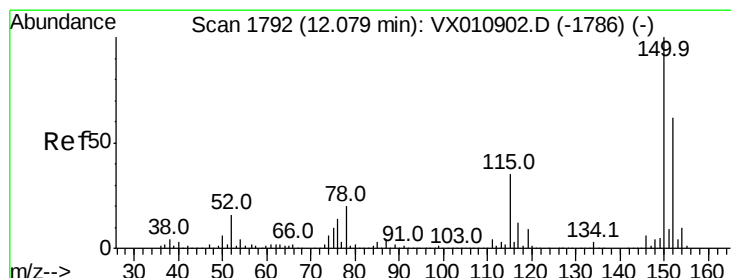
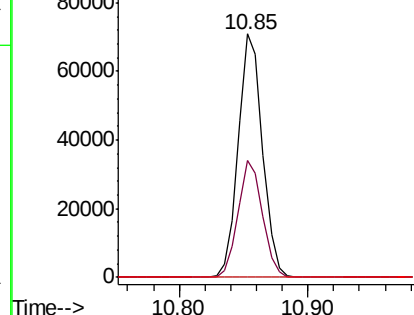
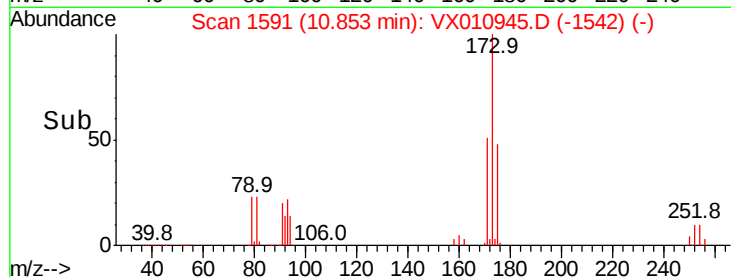
7/22/2019 10:58:26 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

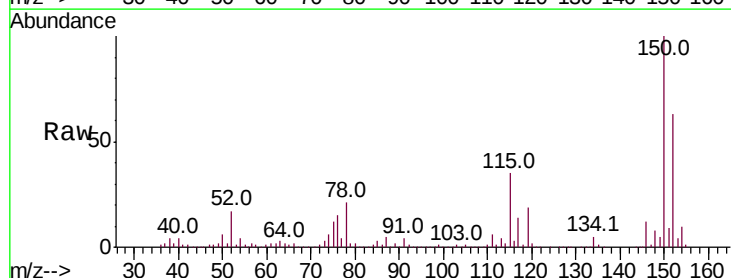
Tgt Ion:152 Resp: 151112

Ion Ratio Lower Upper

152 100

115 81.6 39.7 119.1

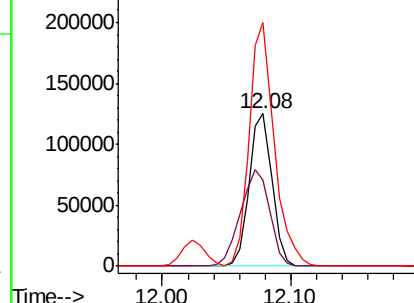
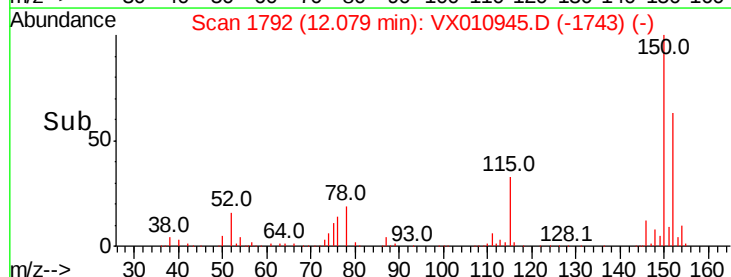
150 175.5 0.0 345.6

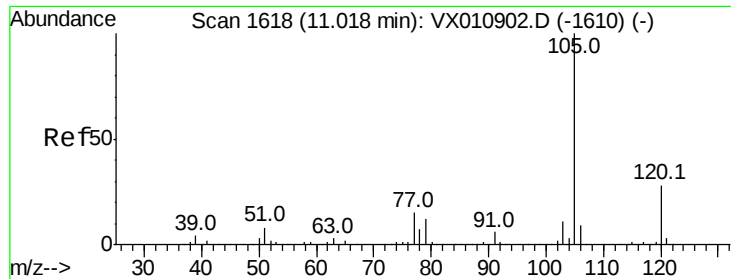


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.837 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 539496

Ion Ratio Lower Upper

105 100

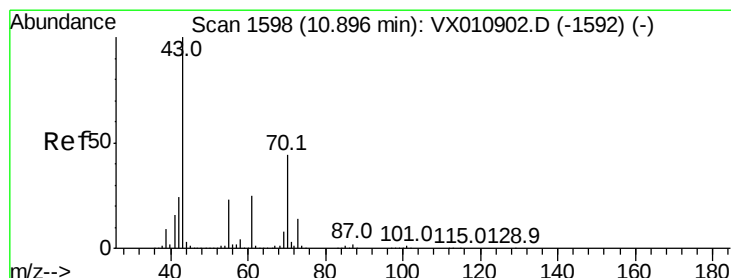
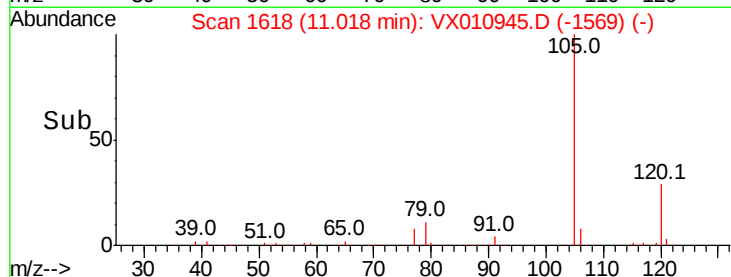
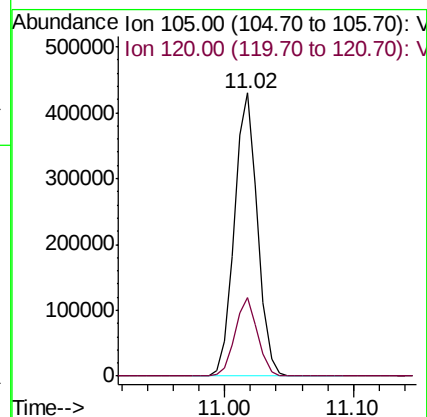
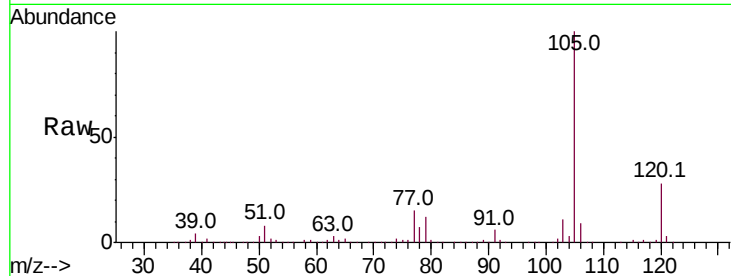
120 27.0 13.7 41.1

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#74

N-ethyl acetate

Concen: 55.729 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion: 43 Resp: 217419

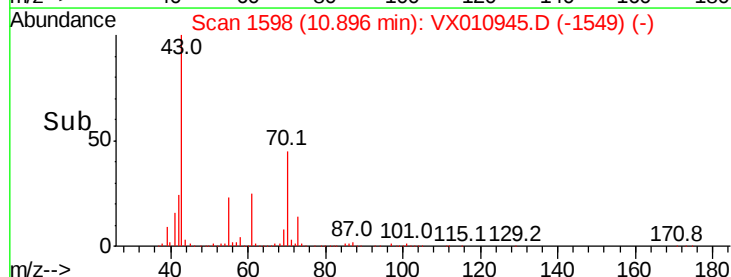
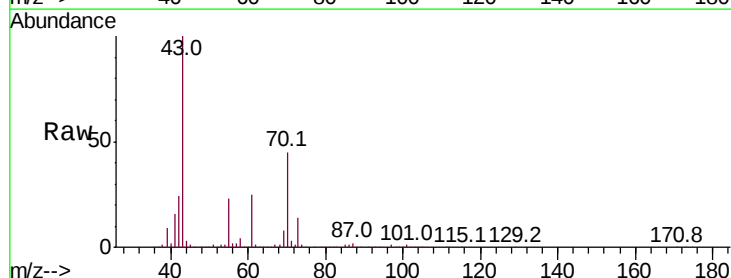
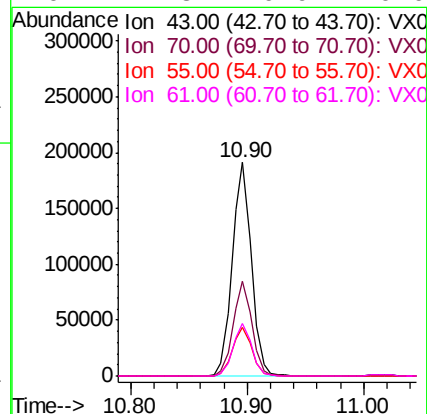
Ion Ratio Lower Upper

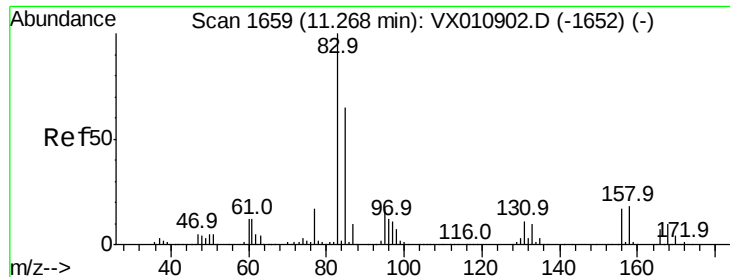
43 100

70 43.9 34.7 52.1

55 23.5 19.1 28.7

61 24.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.387 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

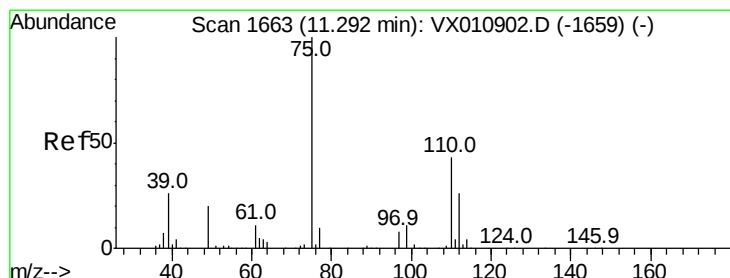
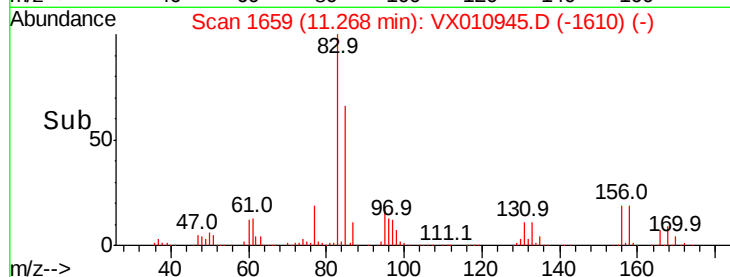
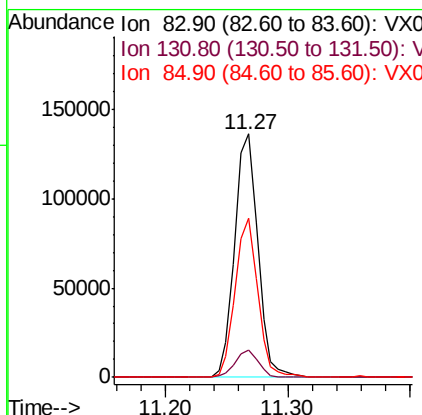
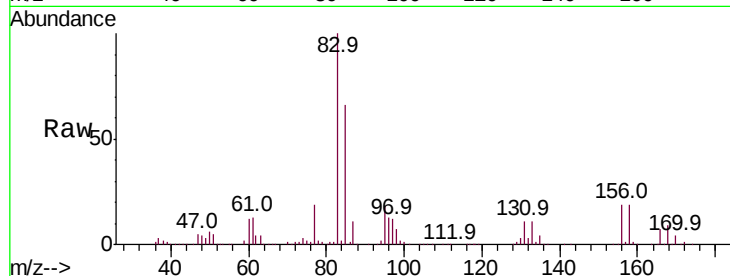
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	178393
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	64.0	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.313 ug/l m

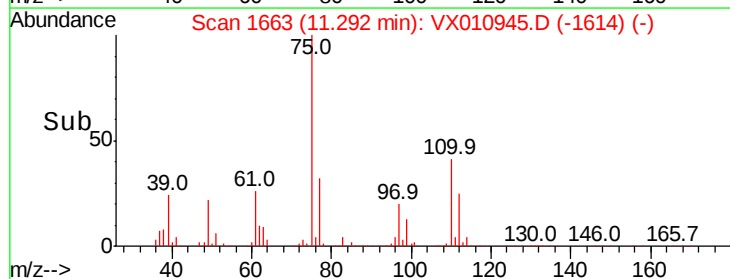
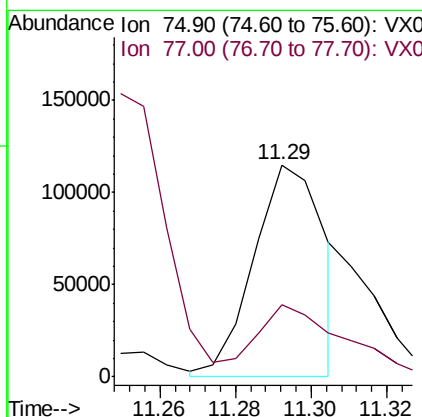
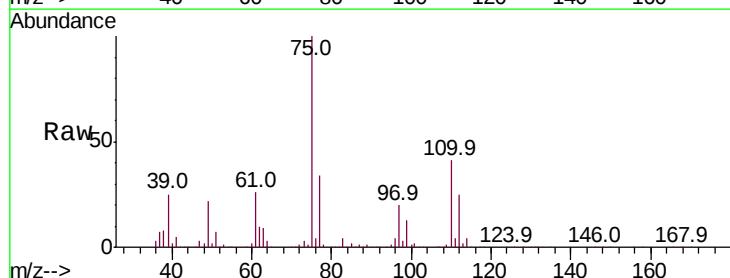
RT: 11.29 min Scan# 1663

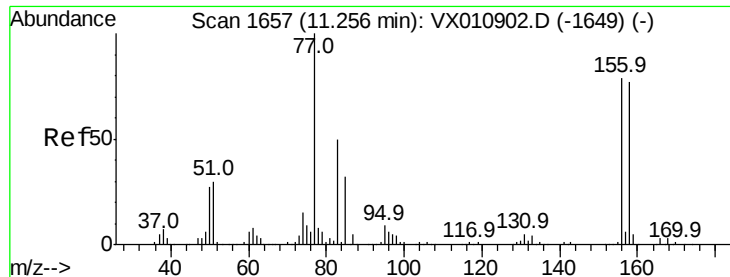
Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion:	75	Resp:	148106
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.3	64.0





#77

Bromobenzene

Concen: 52.499 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 147862

Ion Ratio Lower Upper

156 100

77 137.7 68.7 206.1

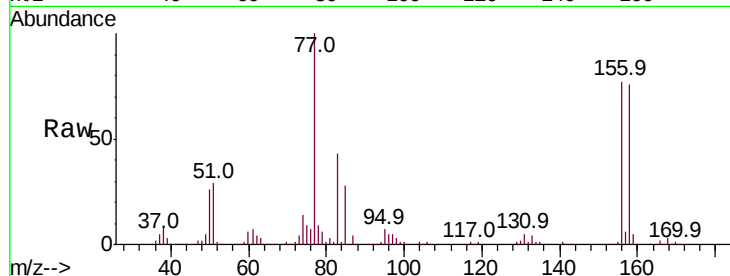
158 97.0 47.9 143.7

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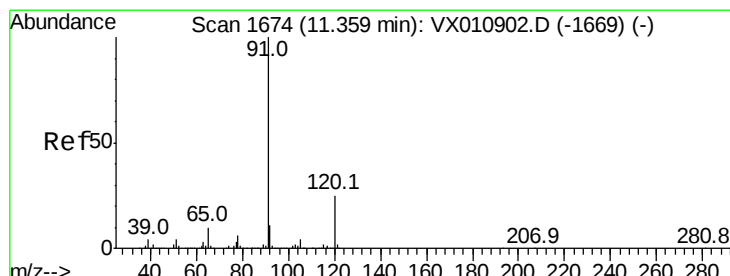
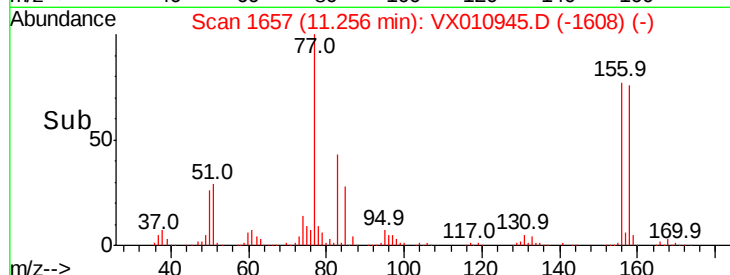
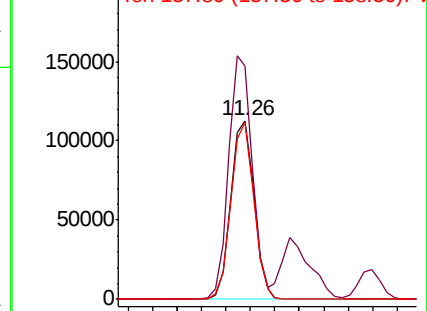


Abundance

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: 53.650 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010945.D

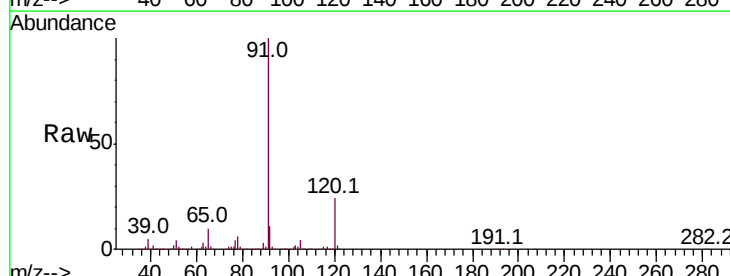
Acq: 17 Jul 2019 18:49

Tgt Ion: 91 Resp: 605270

Ion Ratio Lower Upper

91 100

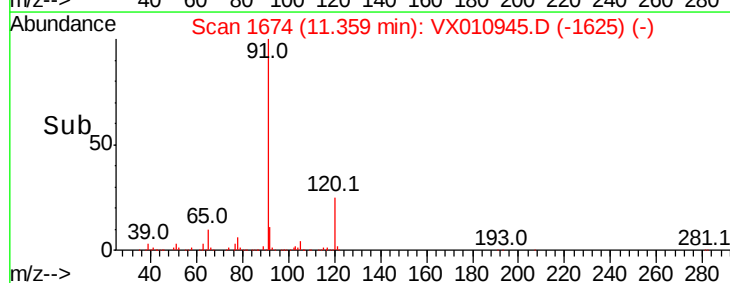
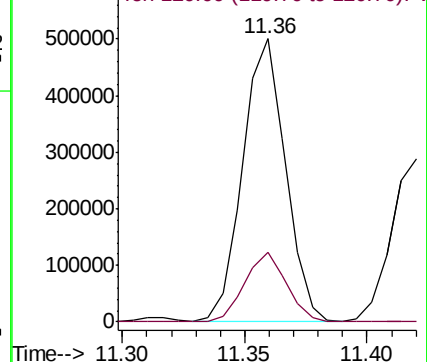
120 24.2 12.3 36.8

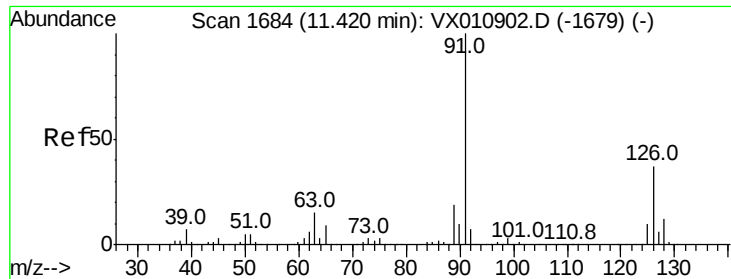


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





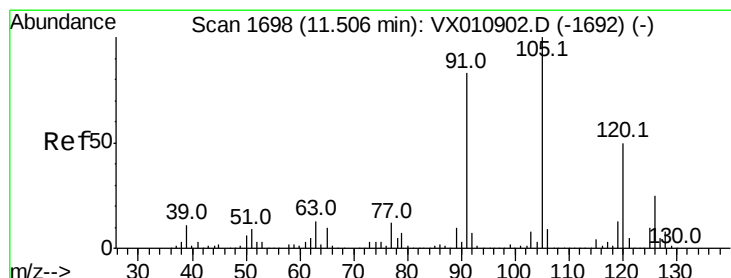
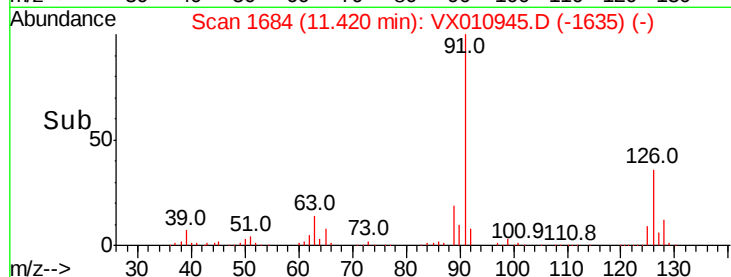
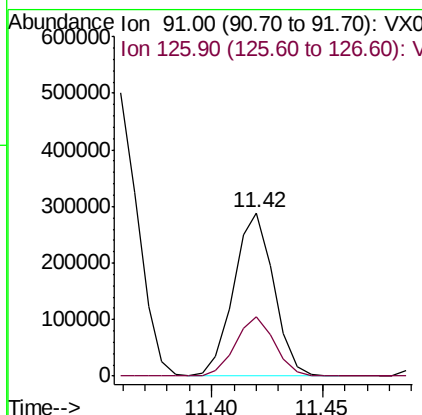
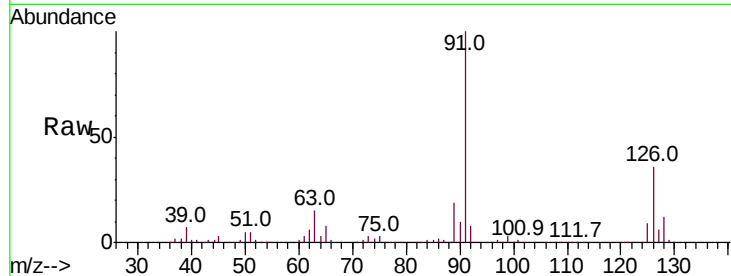
#79
 2-Chlorotoluene
 Concen: 53.105 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 359907
 Ion Ratio Lower Upper
 91 100
 126 35.9 18.0 54.0

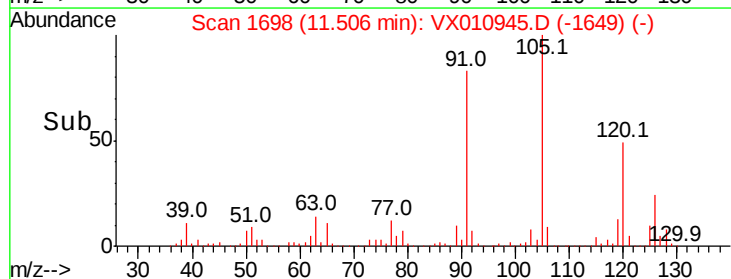
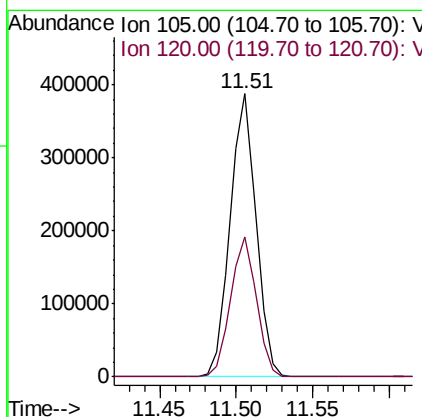
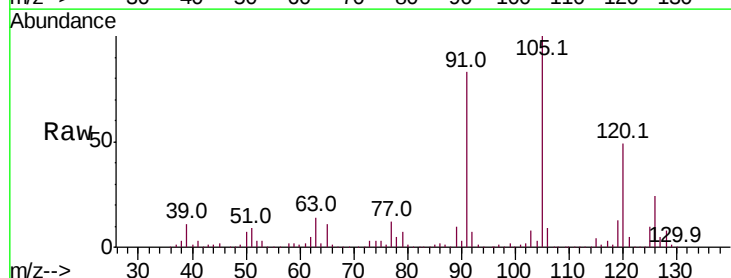
Manual Integrations
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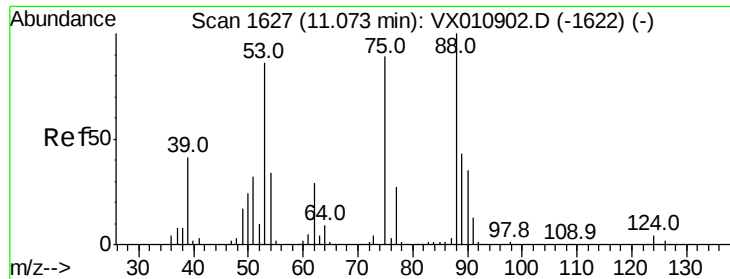
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#80
 1,3,5-Trimethylbenzene
 Concen: 53.320 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Tgt Ion: 105 Resp: 454924
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 47.440 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 50822

Ion Ratio Lower Upper

75 100

53 99.7 76.7 115.1

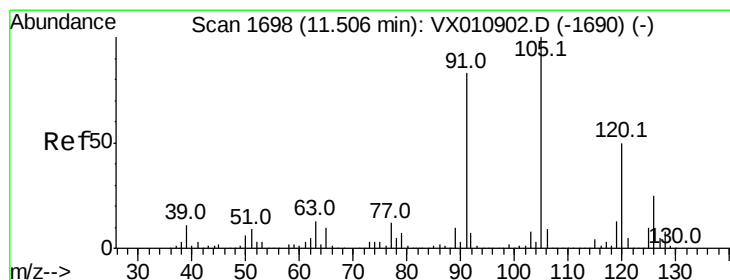
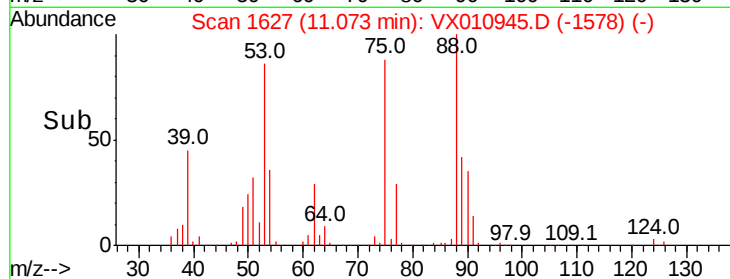
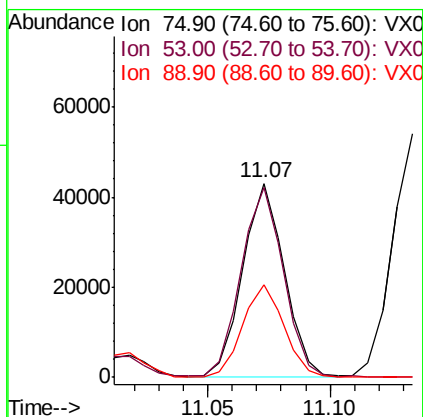
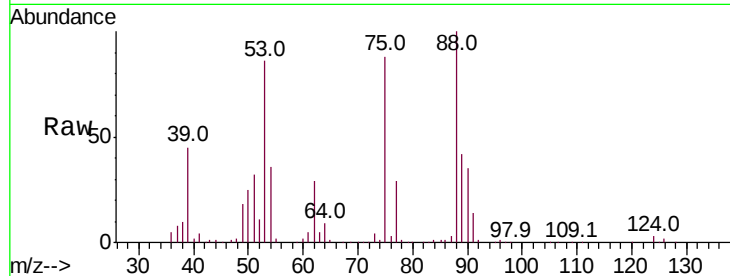
89 47.7 38.5 57.7

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#82

4-Chlorotoluene

Concen: 53.402 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010945.D

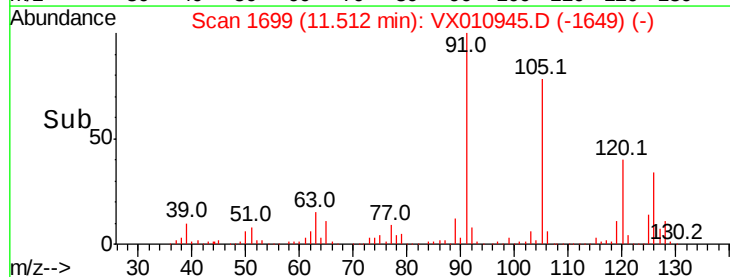
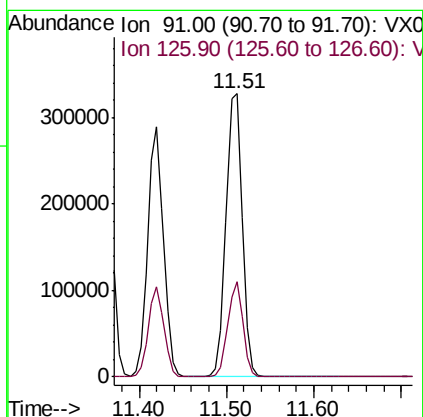
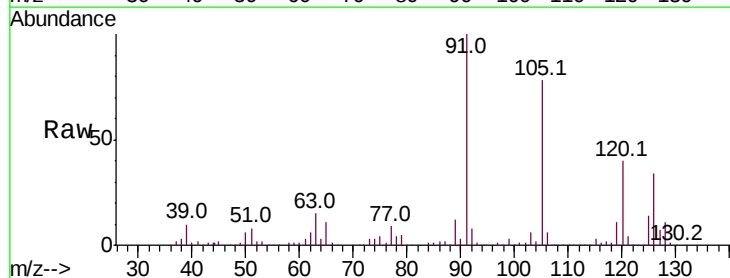
Acq: 17 Jul 2019 18:49

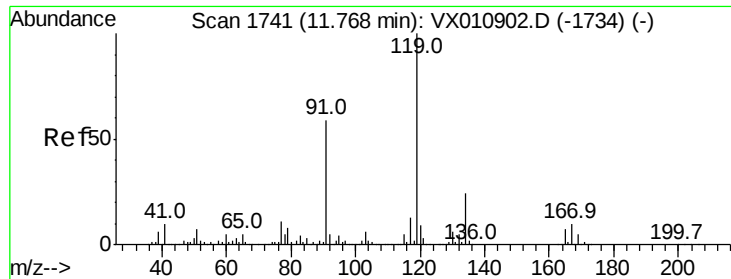
Tgt Ion: 91 Resp: 421237

Ion Ratio Lower Upper

91 100

126 31.4 15.9 47.7





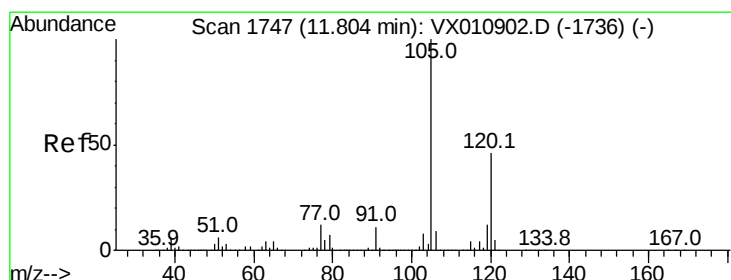
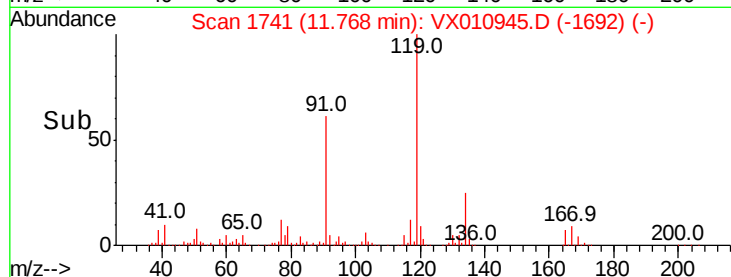
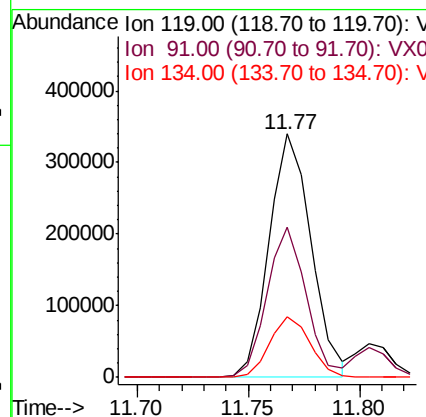
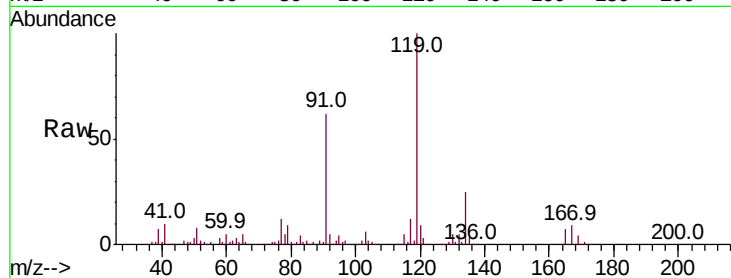
#83
tert-Butylbenzene
Concen: 53.152 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	28.6	85.8
134	24.1	11.6	34.8

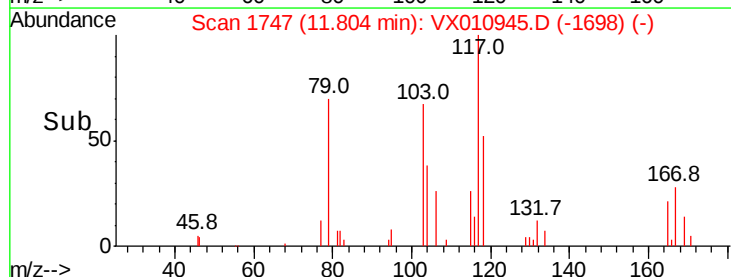
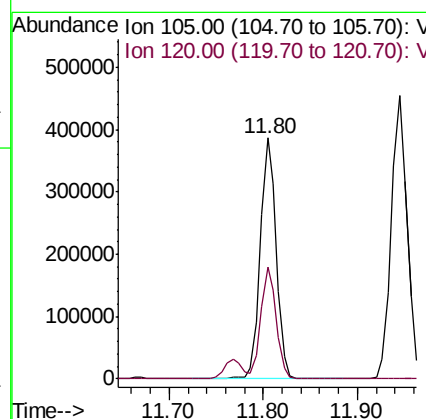
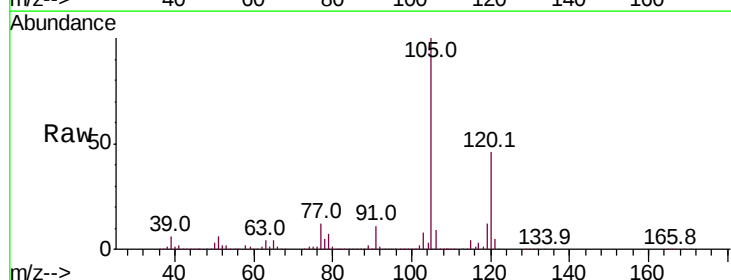
Manual Integrations
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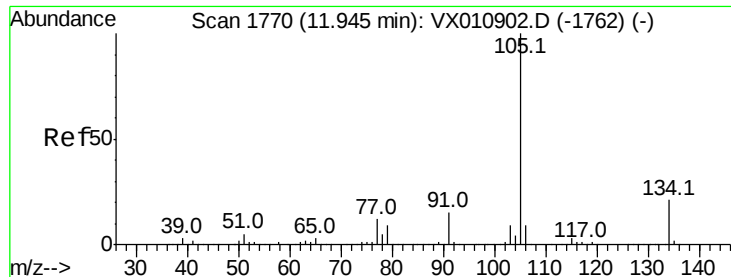
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 53.759 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.9	68.5





#85

sec-Butylbenzene

Concen: 54.169 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 531928

Ion Ratio Lower Upper

105 100

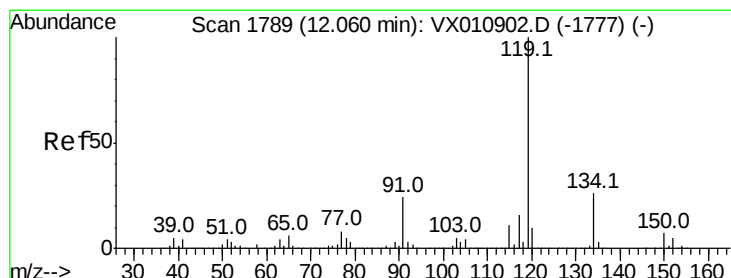
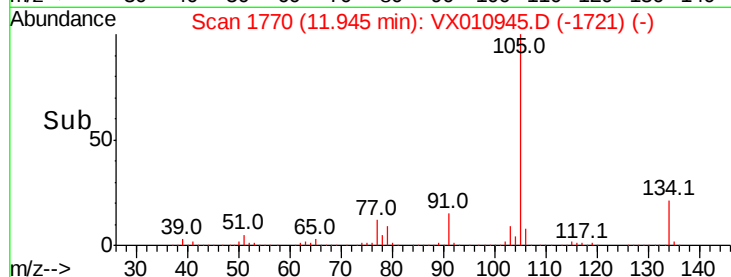
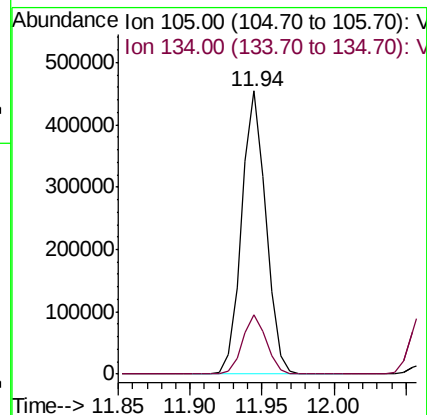
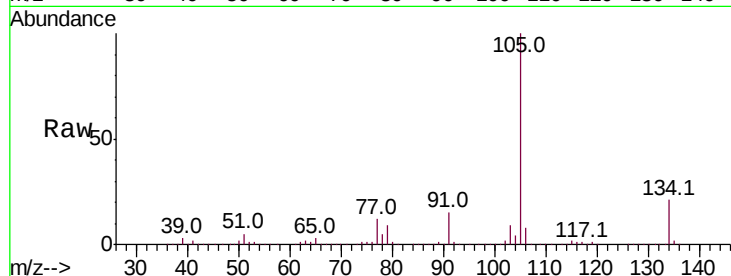
134 20.6 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 54.244 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

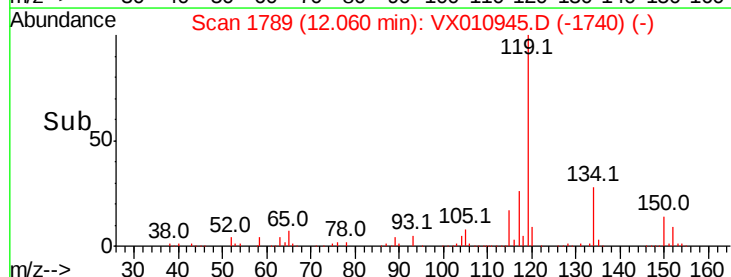
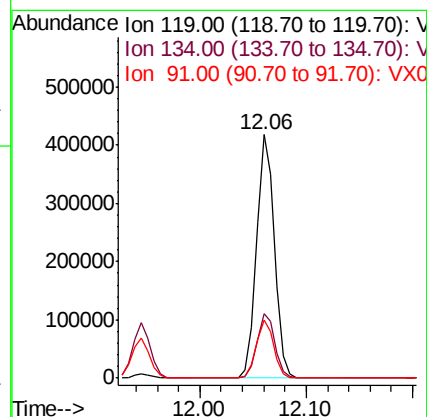
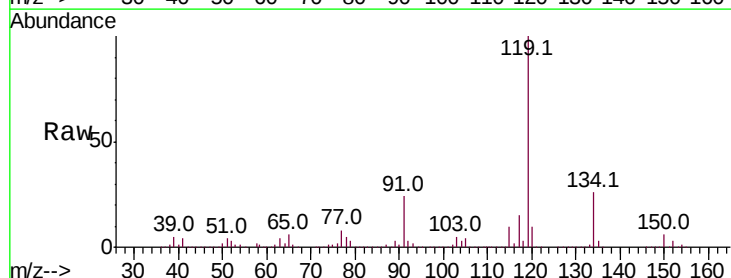
Tgt Ion:119 Resp: 492448

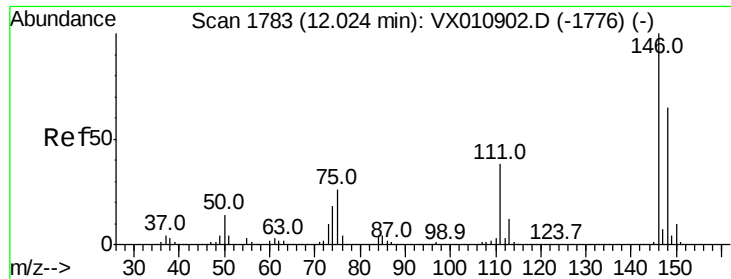
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.3 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 52.085 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Instrument :

MSVOA_X

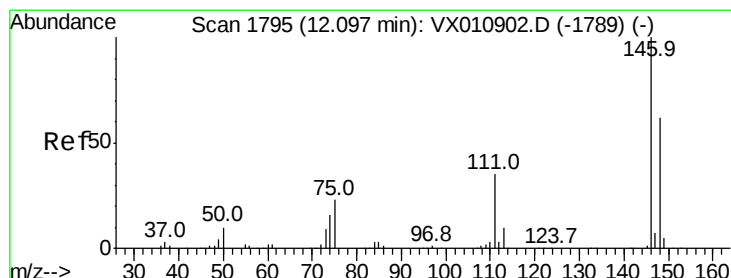
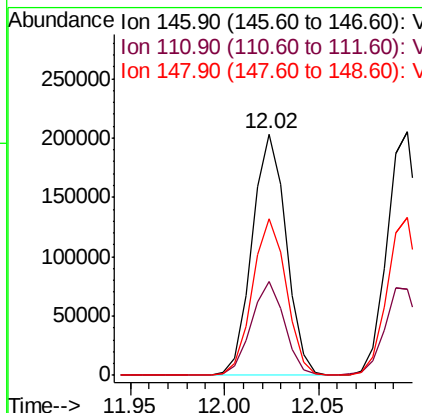
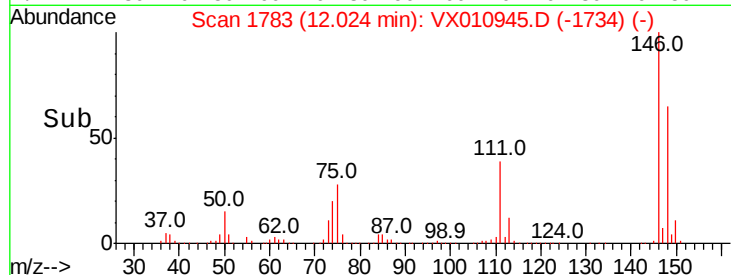
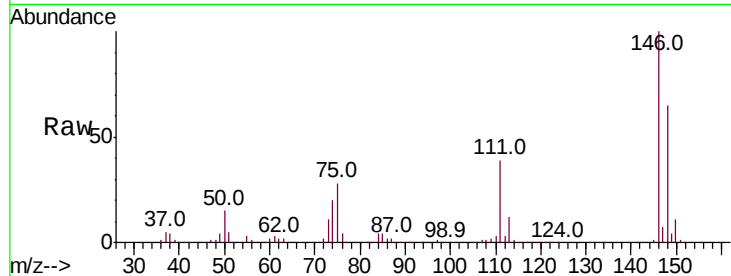
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	254575
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.9
148	64.5	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.728 ug/l

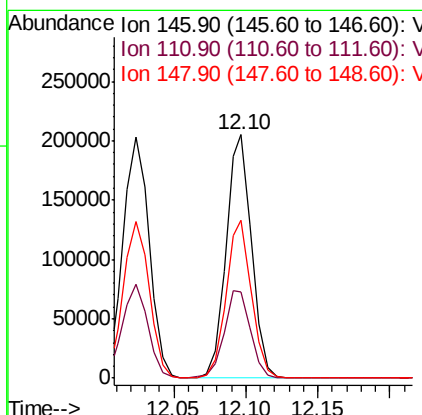
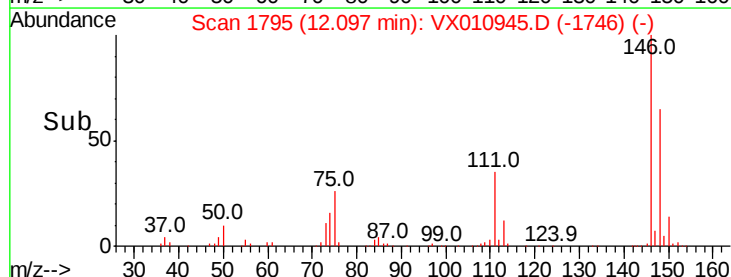
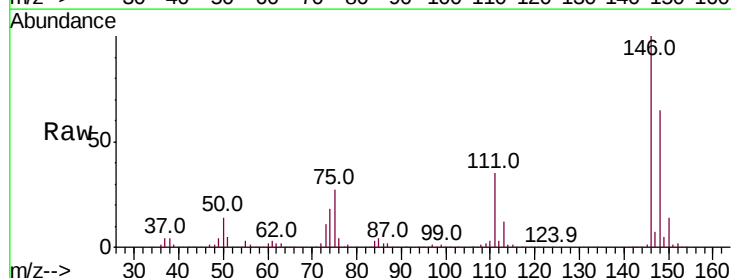
RT: 12.10 min Scan# 1795

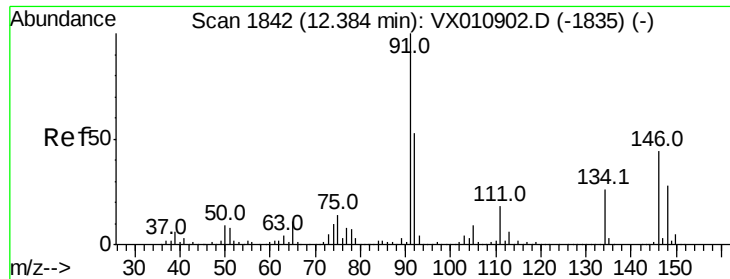
Delta R.T. -0.00 min

Lab File: VX010945.D

Acq: 17 Jul 2019 18:49

Tgt Ion:	146	Resp:	254293
Ion Ratio	Lower	Upper	
146	100		
111	37.6	18.6	55.8
148	64.2	31.6	94.7





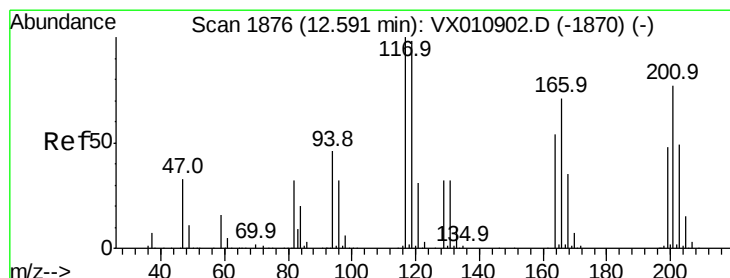
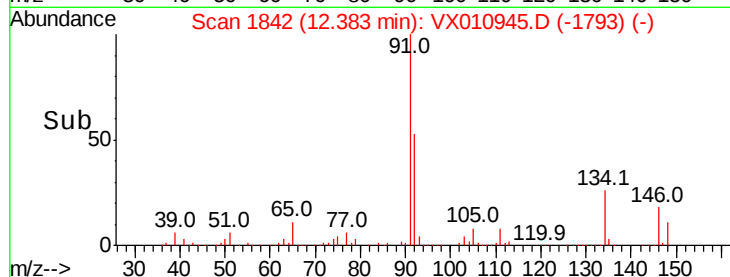
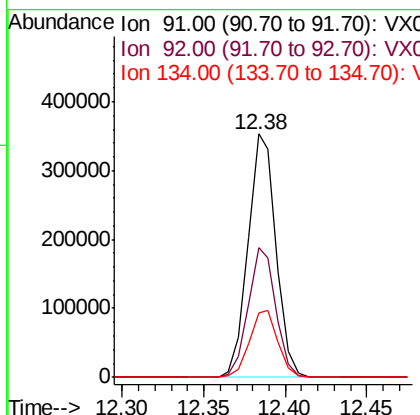
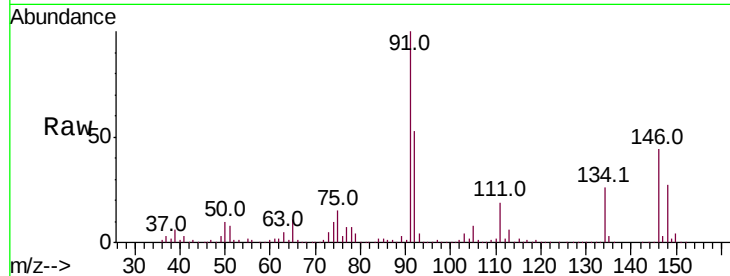
#89
n-Butylbenzene
Concen: 54.476 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	27.7	13.8	41.3

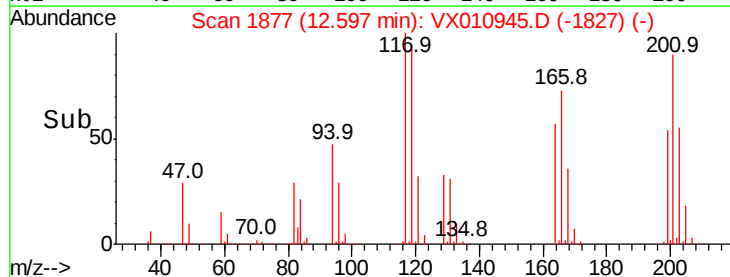
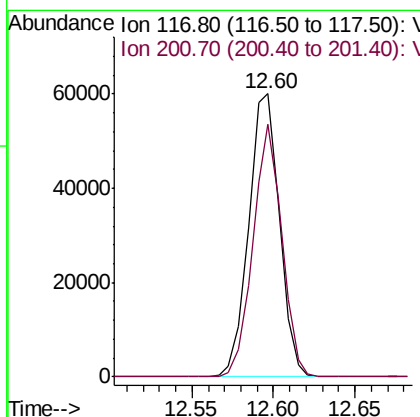
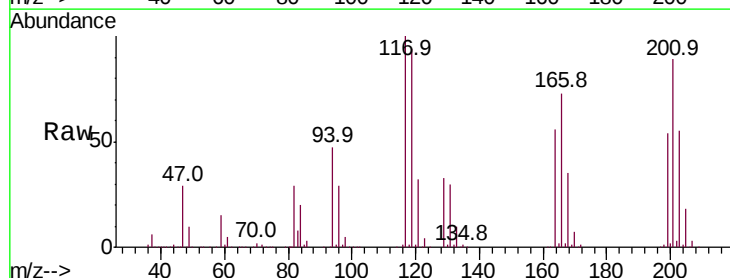
Manual Integrations
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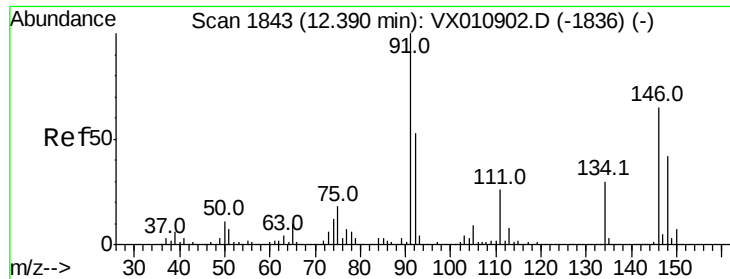
MMDadoda
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#90
Hexachloroethane
Concen: 55.203 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.5	43.3	129.8





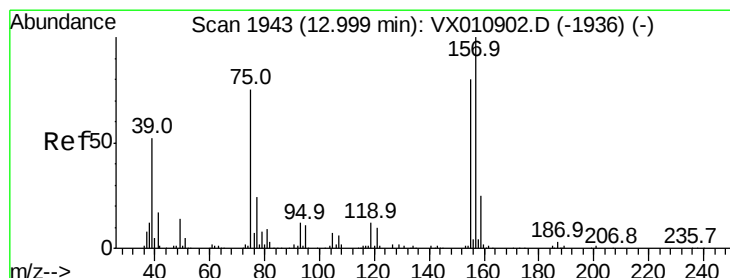
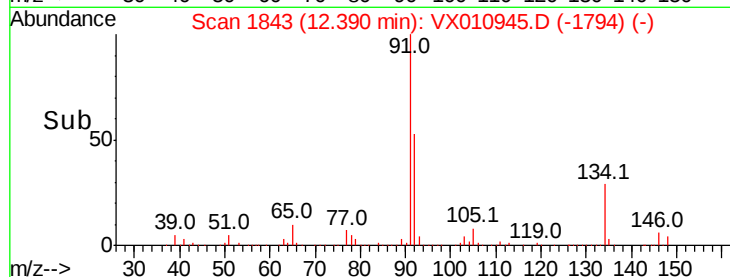
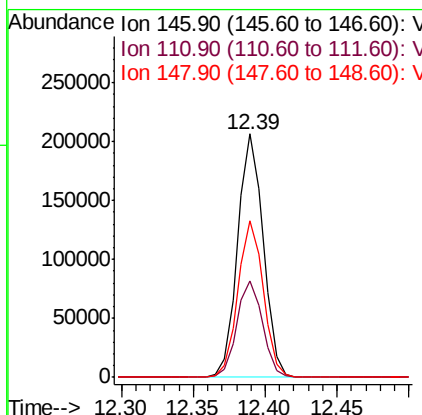
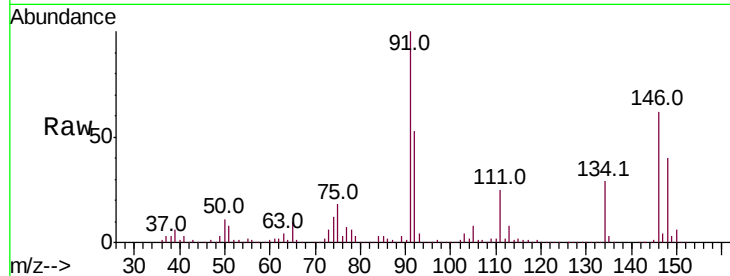
#91
 1,2-Dichlorobenzene
 Concen: 52.733 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	63.8	32.0	96.2

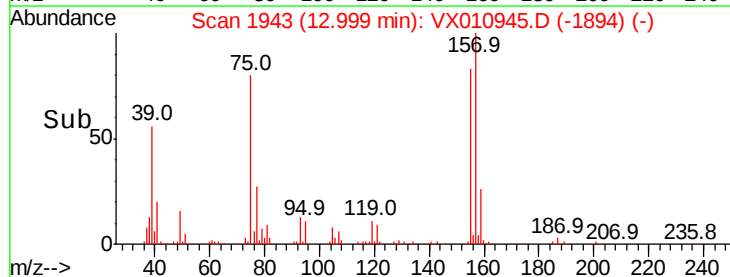
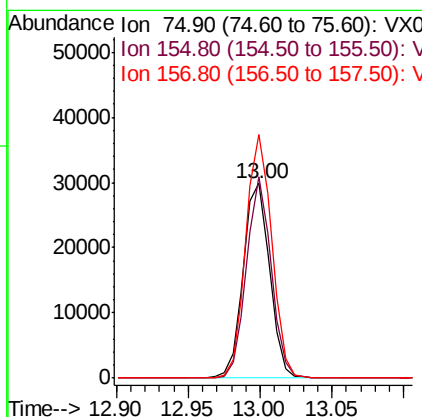
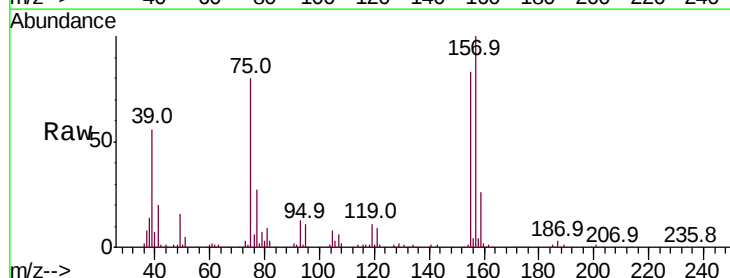
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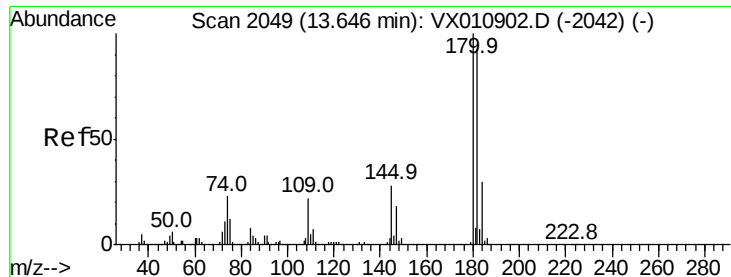
MMDadoda
 7/22/2019 10:58:26 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.131 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	48.7	146.1
157	122.5	62.5	187.6





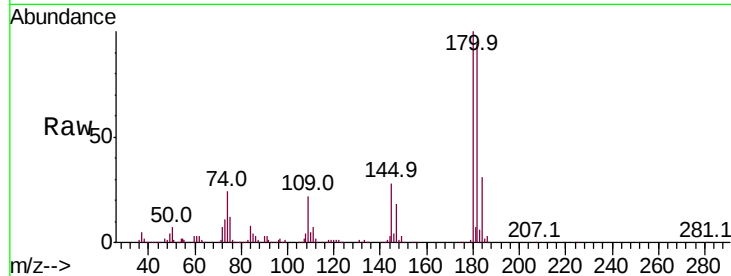
#93
 1,2,4-Trichlorobenzene
 Concen: 54.028 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	177368		
182	93.8	47.1	141.3	
145	29.0	14.8	44.4	

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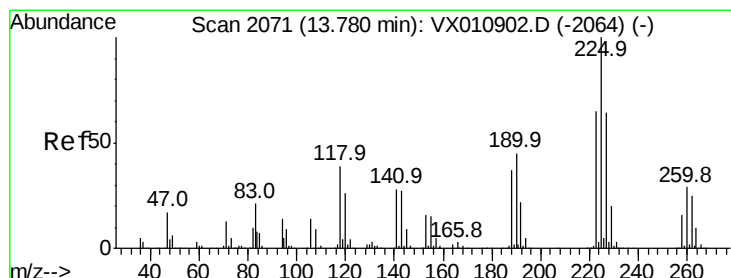
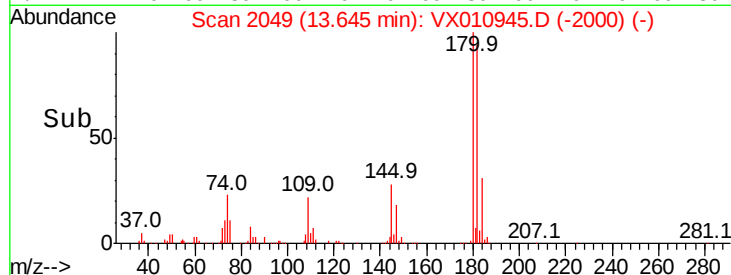
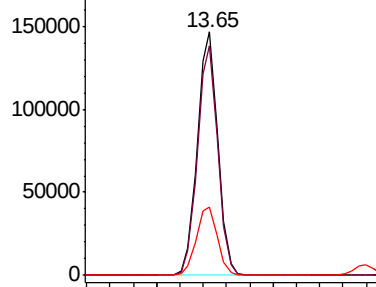


Abundance

Ion 179.80 (179.50 to 180.50): V

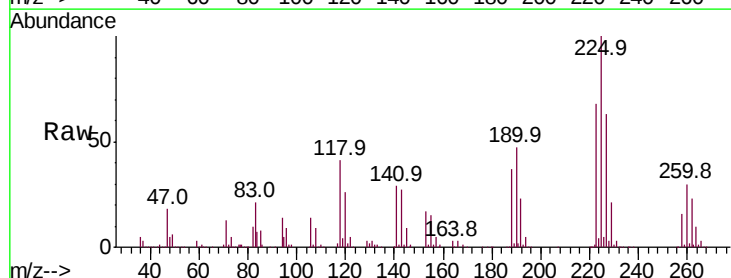
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.231 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010945.D
 Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	84971		
223	65.3	31.9	95.9	
227	63.6	32.5	97.4	

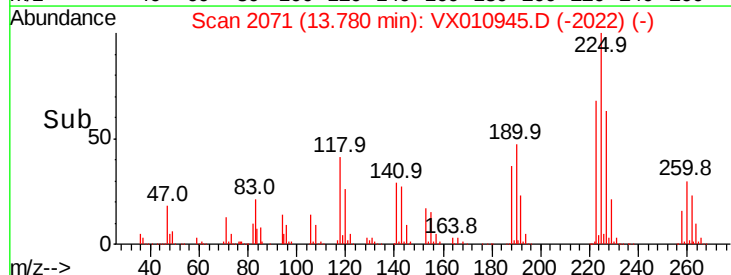
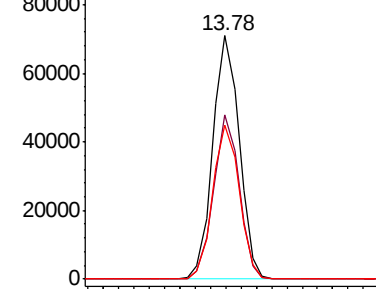


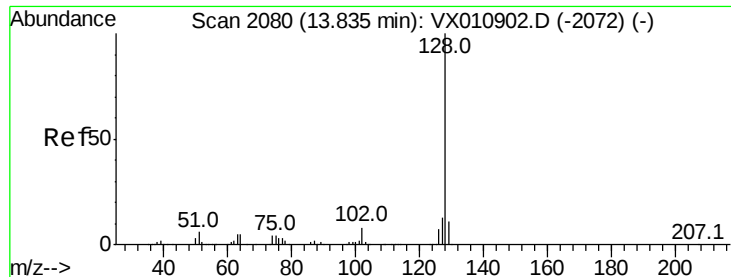
Abundance

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





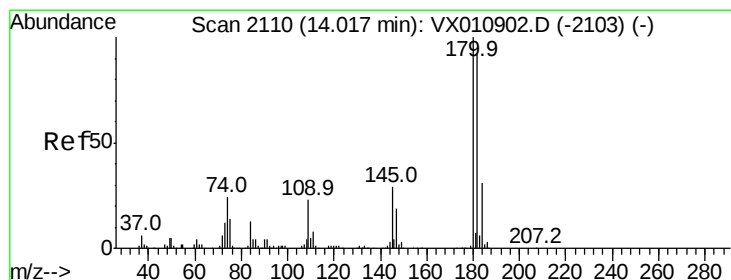
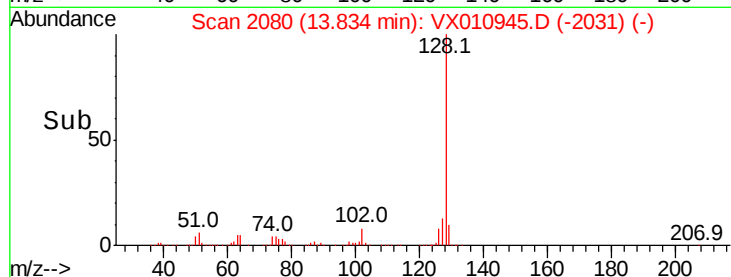
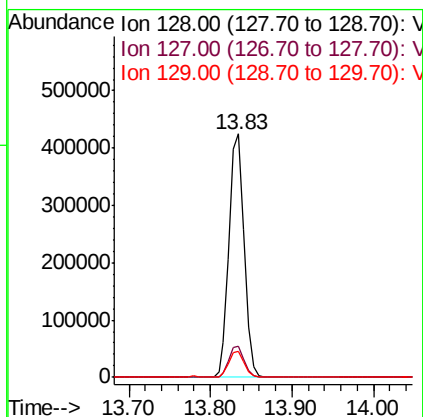
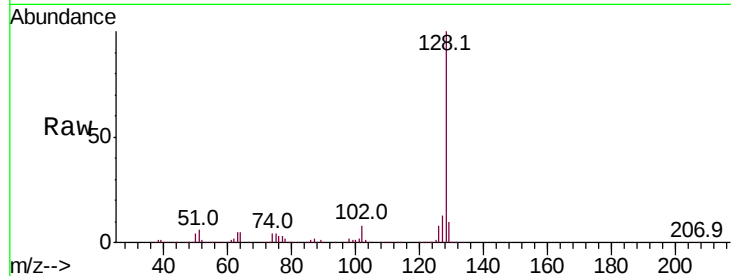
#95
Naphthalene
Concen: 55.604 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 54.018 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010945.D
Acq: 17 Jul 2019 18:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	31.3	15.1	45.3

