

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008378.D
 Acq On : 24 Mar 2019 09:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 25 05:42:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	211365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	354006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	152290	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	5.49	113	111715	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.71	98	449773	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	169254	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116988	48.893	ug/l	100
3) Chloromethane	1.32	50	164360	46.337	ug/l	98
4) Vinyl Chloride	1.40	62	164524	47.523	ug/l	100
5) Bromomethane	1.64	94	99779	45.769	ug/l	99
6) Chloroethane	1.71	64	97071	47.876	ug/l	100
7) Trichlorofluoromethane	1.92	101	186111	47.273	ug/l	96
8) Diethyl Ether	2.18	74	85353	45.278	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112177	48.099	ug/l	89
10) Methyl Iodide	2.51	142	134894	45.590	ug/l	96
11) Tert butyl alcohol	3.05	59	167778	233.656	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112486	46.725	ug/l	90
13) Acrolein	2.29	56	157032	255.921	ug/l	99
14) Allyl chloride	2.72	41	247995	46.565	ug/l	95
15) Acrylonitrile	3.14	53	414922	225.645	ug/l	99
16) Acetone	2.44	43	393082	243.945	ug/l	97
17) Carbon Disulfide	2.57	76	342456	44.487	ug/l	99
18) Methyl Acetate	2.77	43	176764	43.826	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	404073	46.603	ug/l	99
20) Methylene Chloride	2.85	84	130776	45.083	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	118844	45.591	ug/l	91
22) Diisopropyl ether	3.85	45	486248	46.892	ug/l	92
23) Vinyl Acetate	3.81	43	2178609	237.959	ug/l	97
24) 1,1-Dichloroethane	3.69	63	243815	46.117	ug/l	98
25) 2-Butanone	4.67	43	621808	234.355	ug/l	96
26) 2,2-Dichloropropane	4.58	77	169909	49.882	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	137353	46.005	ug/l	90
28) Bromochloromethane	5.01	49	126615	47.974	ug/l	# 78
29) Tetrahydrofuran	5.12	42	396157	224.866	ug/l	96
30) Chloroform	5.20	83	222376	46.653	ug/l	99
31) Cyclohexane	5.57	56	242062	47.747	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	180109	47.760	ug/l	96
36) 1,1-Dichloropropene	5.79	75	177906	49.180	ug/l	96
37) Ethyl Acetate	4.82	43	231669	47.320	ug/l	97
38) Carbon Tetrachloride	5.78	117	152142	49.064	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227389	51.283	ug/l	91
40) Benzene	6.14	78	528633	47.985	ug/l	99
41) Methacrylonitrile	5.04	41	130225	48.800	ug/l	97
42) 1,2-Dichloroethane	6.19	62	191783	47.971	ug/l	95
43) Isopropyl Acetate	6.44	43	367238	48.171	ug/l	96
44) Trichloroethene	7.21	130	121290	47.410	ug/l	87
45) 1,2-Dichloropropane	7.51	63	149854	48.049	ug/l	99
46) Dibromomethane	7.66	93	85488	46.188	ug/l #	85
47) Bromodichloromethane	7.89	83	172948	48.989	ug/l	99
48) Methyl methacrylate	7.77	41	187268	48.681	ug/l	93
49) 1,4-Dioxane	7.74	88	74964	965.856	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	1209820	241.870	ug/l	97
52) Toluene	8.78	92	319351	49.436	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	196122	51.670	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	219902	51.099	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	128405	47.854	ug/l	98
56) Ethyl methacrylate	9.18	69	239786	50.478	ug/l	91
57) 1,3-Dichloropropane	9.37	76	229161	47.940	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	633784	247.452	ug/l	92
59) 2-Hexanone	9.49	43	955815	248.924	ug/l	96
60) Dibromochloromethane	9.58	129	125619	50.437	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132626	48.702	ug/l	99
64) Tetrachloroethene	9.33	164	100673	48.372	ug/l	94
65) Chlorobenzene	10.13	112	324732	48.652	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	113409	48.995	ug/l	98
67) Ethyl Benzene	10.25	91	625940	50.083	ug/l	97
68) m/p-Xylenes	10.36	106	451855	100.624	ug/l	91
69) o-Xylene	10.69	106	217414	49.514	ug/l	92
70) Styrene	10.71	104	386150	50.708	ug/l	96
71) Bromoform	10.85	173	89970	50.458	ug/l #	100
73) Isopropylbenzene	11.02	105	588076	47.120	ug/l	98
74) N-amyl acetate	10.90	43	356463	48.784	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	223716	45.003	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	254910	61.582	ug/l	91
77) Bromobenzene	11.26	156	135857	46.006	ug/l	80
78) n-propylbenzene	11.36	91	712245	48.692	ug/l	95
79) 2-Chlorotoluene	11.42	91	415890	46.675	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	511867	48.213	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	71043	48.909	ug/l #	86
82) 4-Chlorotoluene	11.51	91	488082	47.540	ug/l	94
83) tert-Butylbenzene	11.77	119	481092	47.586	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	513581	48.474	ug/l	97
85) sec-Butylbenzene	11.94	105	594805	49.089	ug/l	95
86) p-Isopropyltoluene	12.06	119	537716	50.348	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	253299	47.759	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	255212	47.292	ug/l	97
89) n-Butylbenzene	12.38	91	520855	51.085	ug/l	97
90) Hexachloroethane	12.60	117	87326	49.500	ug/l	79
91) 1,2-Dichlorobenzene	12.39	146	257541	47.945	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51831	48.919	ug/l	76

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QLast Update : Sat Mar 23 15:27:34 2019
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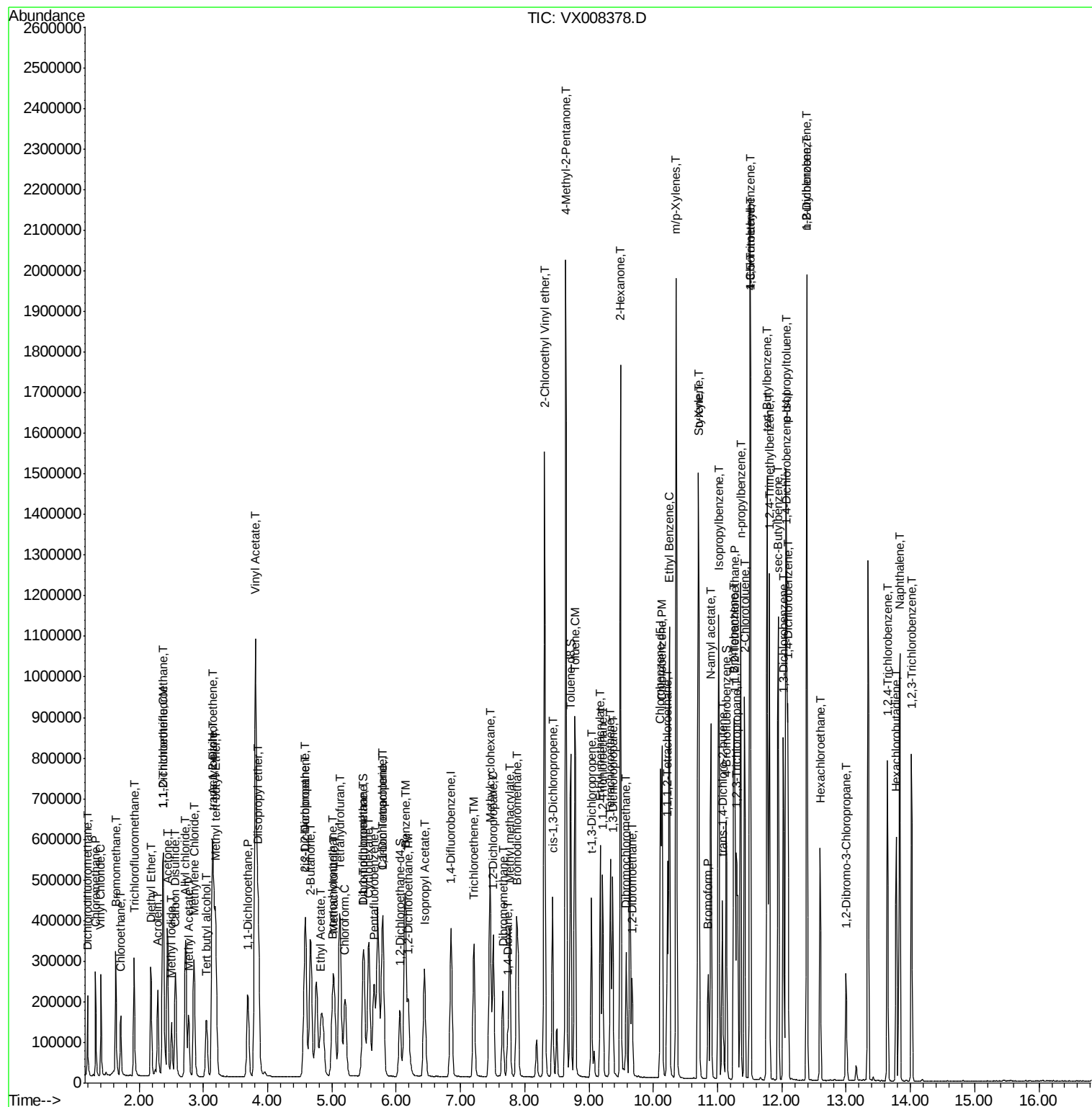
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	182823	50.473	ug/l	99
94) Hexachlorobutadiene	13.78	225	87358	51.032	ug/l	99
95) Naphthalene	13.83	128	621143	48.832	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	182665	49.975	ug/l	99

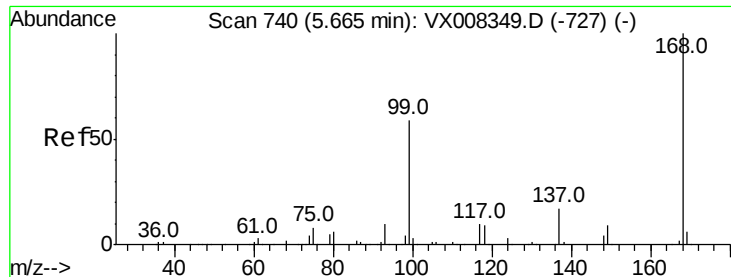
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

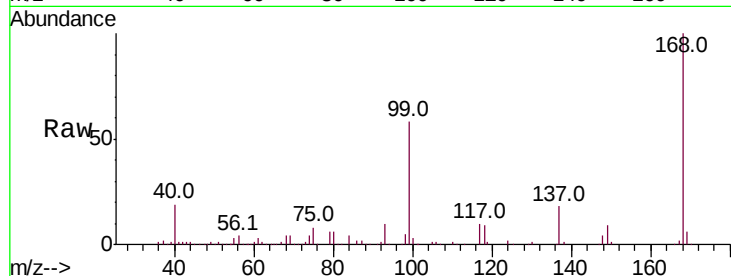
VSTDCCC050

Tot Ion:168 Resp: 211365

Ion Ratio Lower Upper

168 100

99 58.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

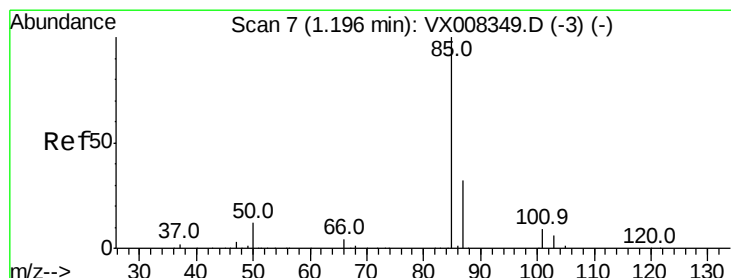
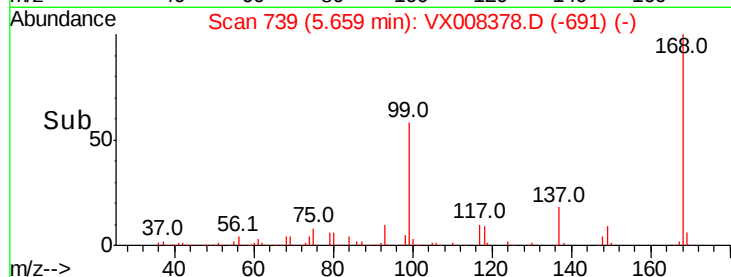
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.893 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008378.D

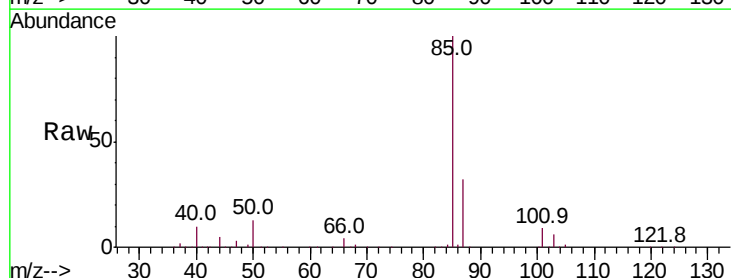
Acq: 24 Mar 2019 09:48

Tgt Ion: 85 Resp: 116988

Ion Ratio Lower Upper

85 100

87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

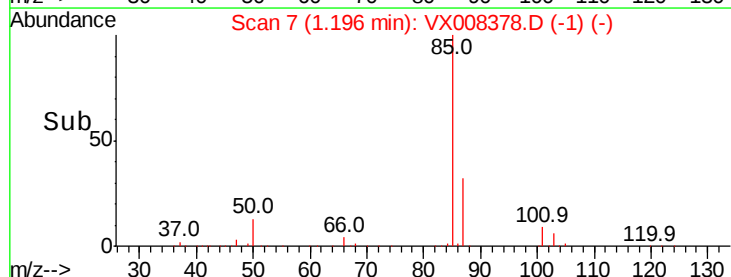
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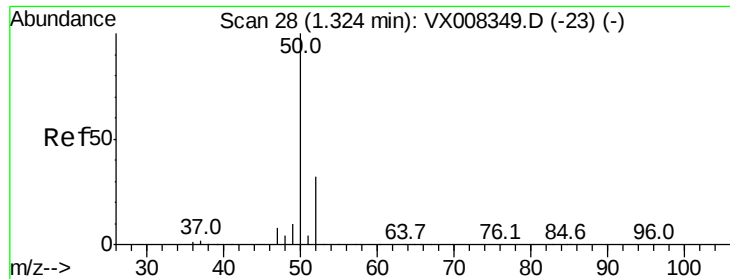
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Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 46.337 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

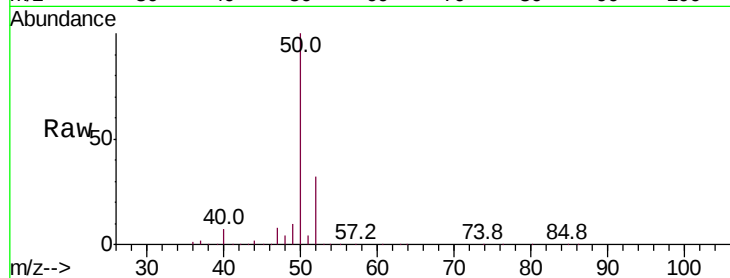
VSTDCCC050

Tot Ion: 50 Resp: 164360

Ion Ratio Lower Upper

50 100

52 32.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

150000

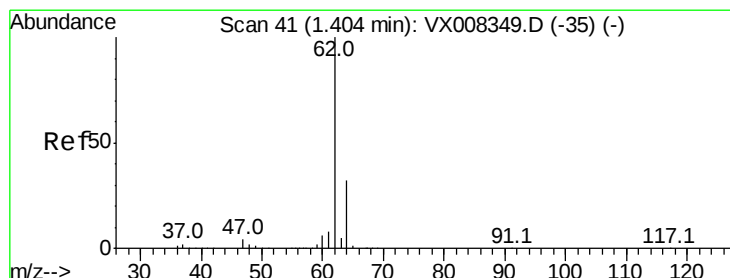
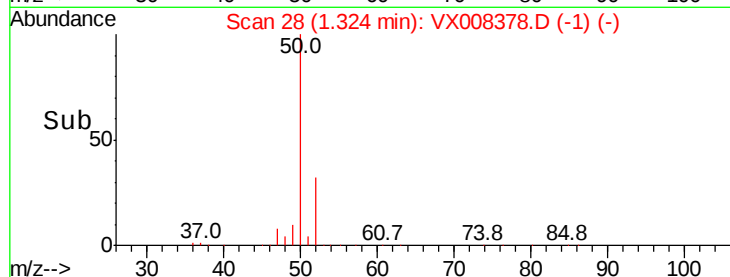
100000

50000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 47.523 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008378.D

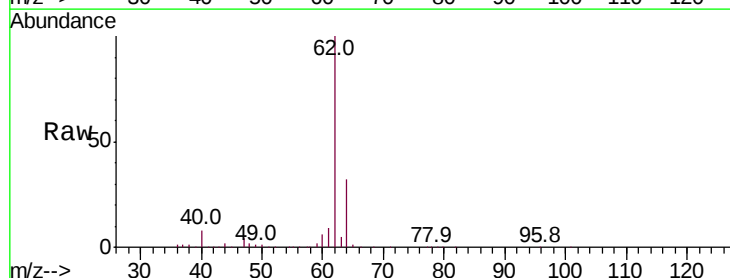
Acq: 24 Mar 2019 09:48

Tgt Ion: 62 Resp: 164524

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

150000

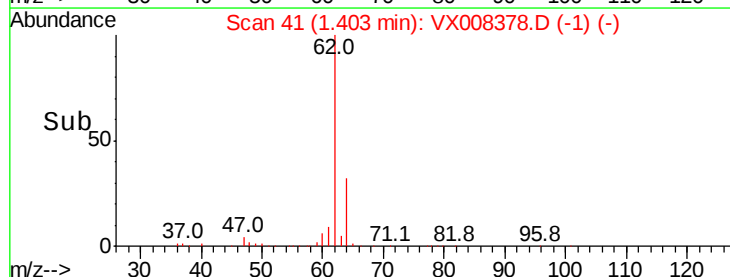
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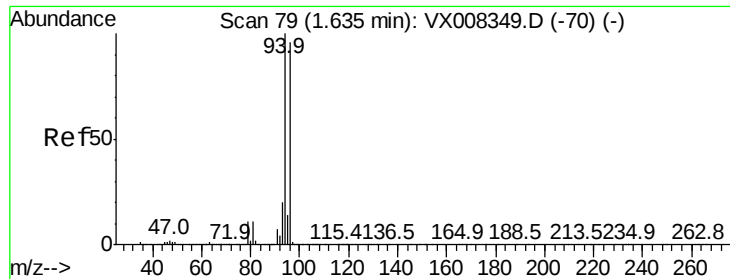
50000

0

Time-->

1.30 1.40 1.50





#5

Bromomethane

Concen: 45.769 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

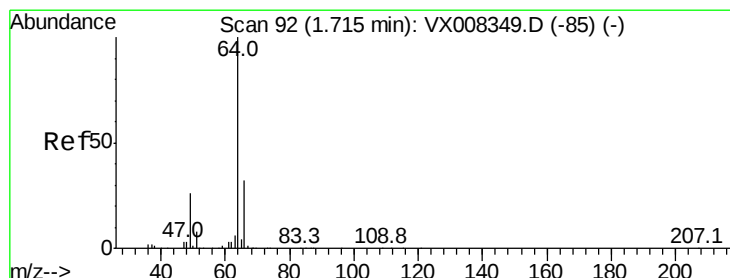
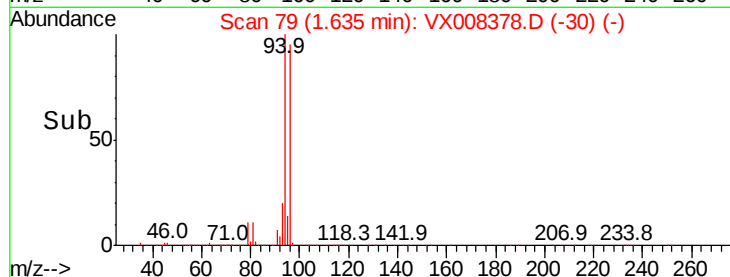
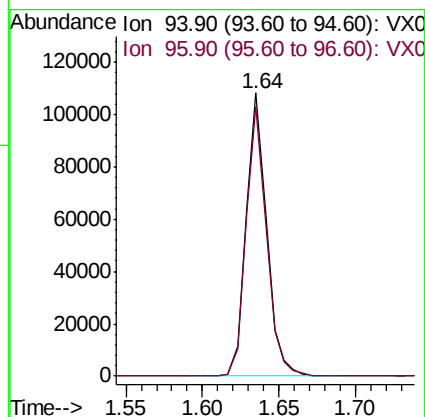
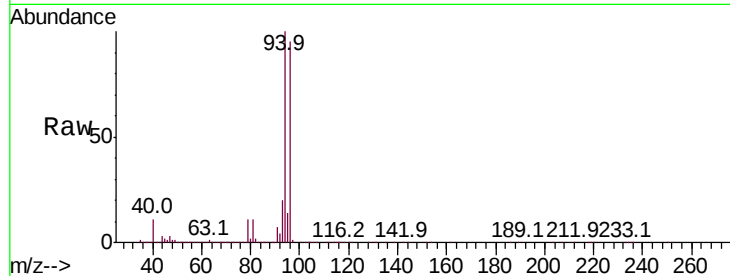
VSTDCCC050

Tot Ion: 94 Resp: 99779

Ion Ratio Lower Upper

94 100

96 95.1 75.5 113.3



#6

Chloroethane

Concen: 47.876 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008378.D

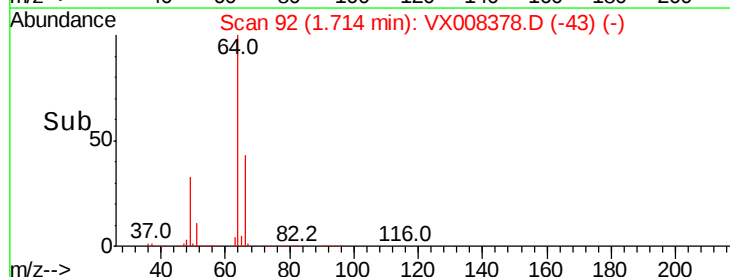
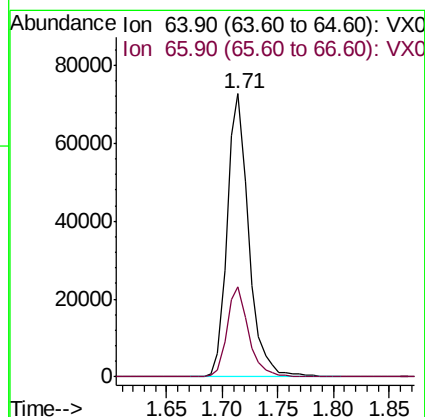
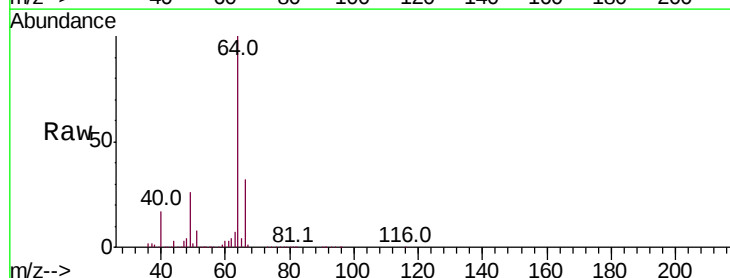
Acq: 24 Mar 2019 09:48

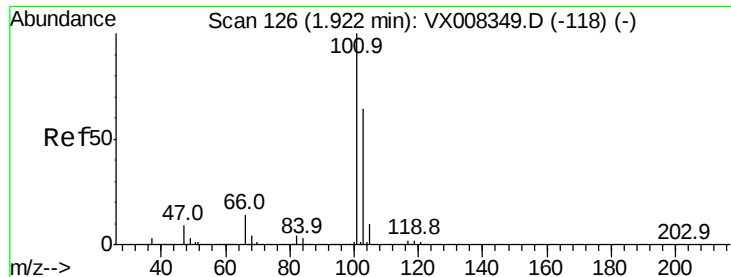
Tgt Ion: 64 Resp: 97071

Ion Ratio Lower Upper

64 100

66 31.6 25.2 37.8



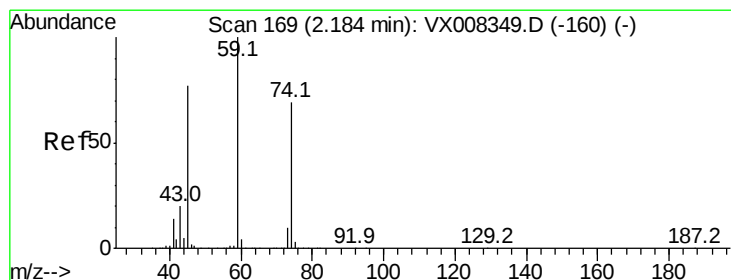
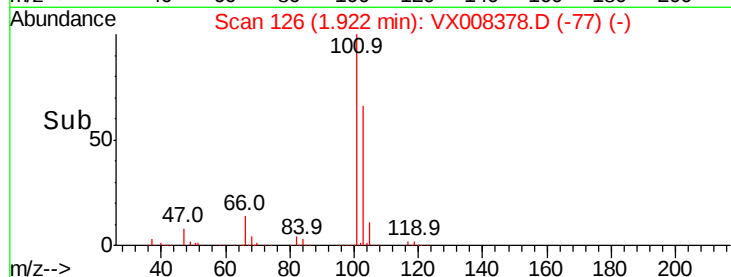
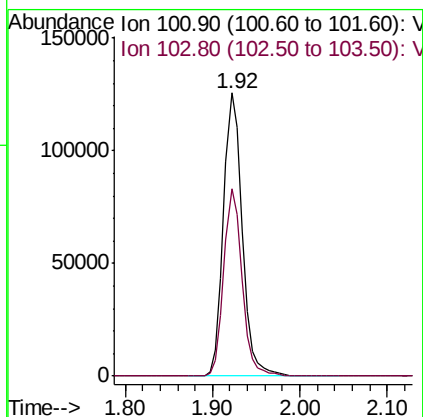
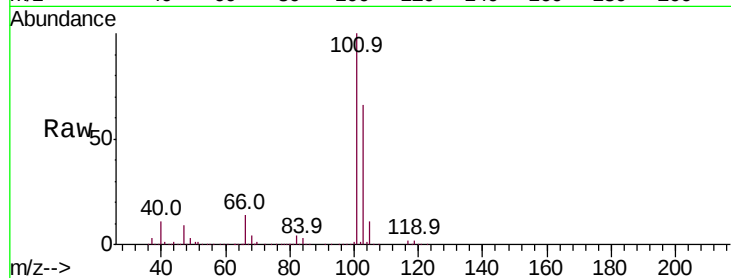


#7

Trichlorofluoromethane
Concen: 47.273 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008378.D
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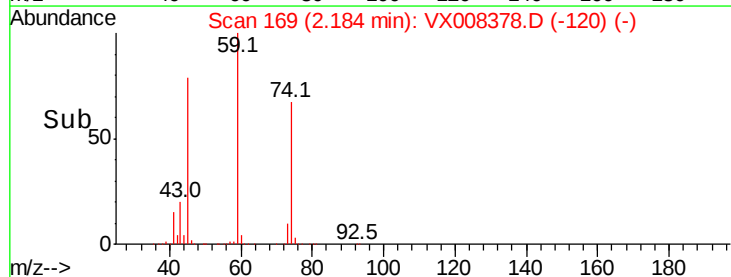
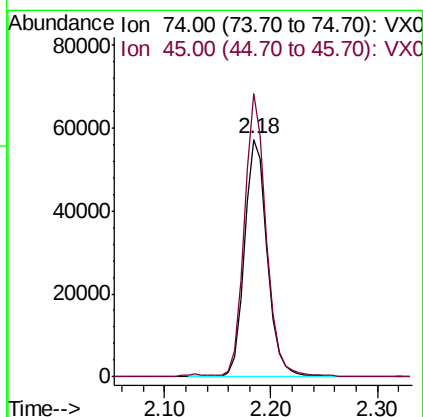
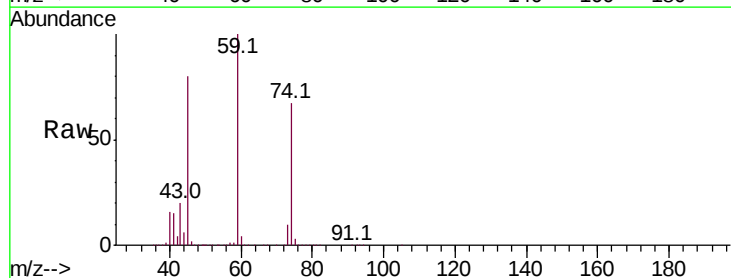
Tot Ion:101 Resp: 186111
Ion Ratio Lower Upper
101 100
103 66.3 50.4 75.6

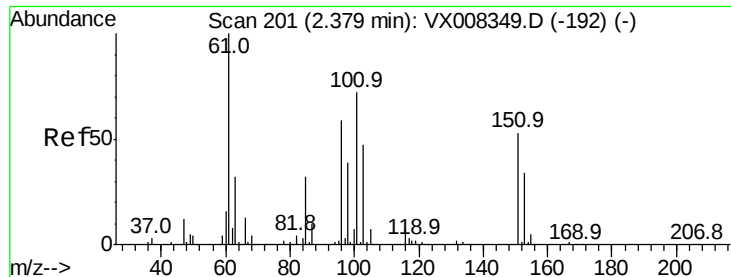


#8

Diethyl Ether
Concen: 45.278 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion: 74 Resp: 85353
Ion Ratio Lower Upper
74 100
45 113.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.099 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

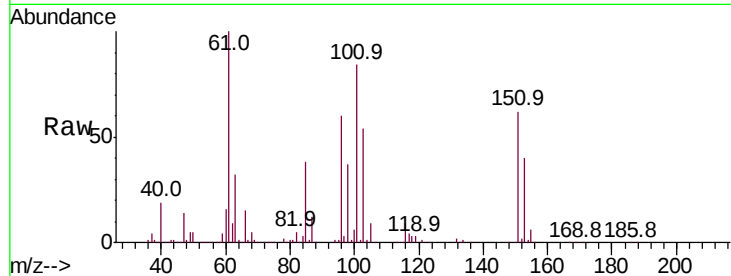
Tot Ion:101 Resp: 112177

Ion Ratio Lower Upper

101 100

85 45.3 33.8 50.6

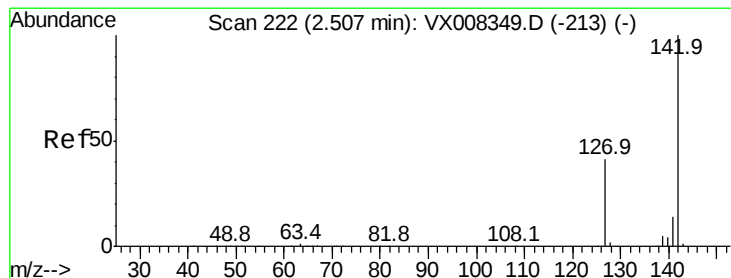
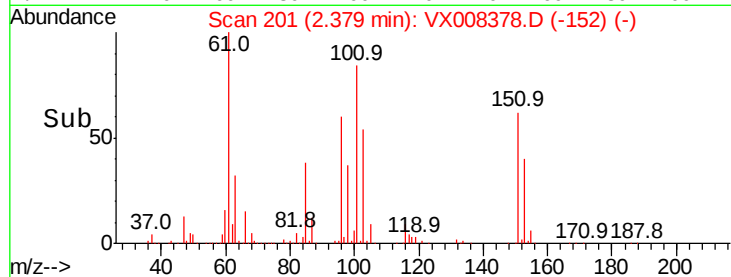
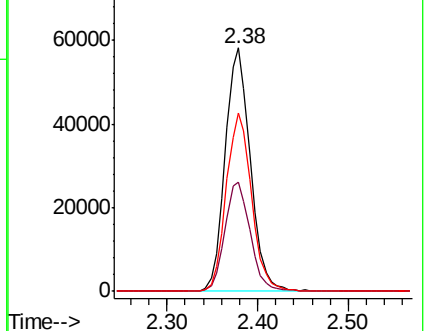
151 73.9 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.590 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

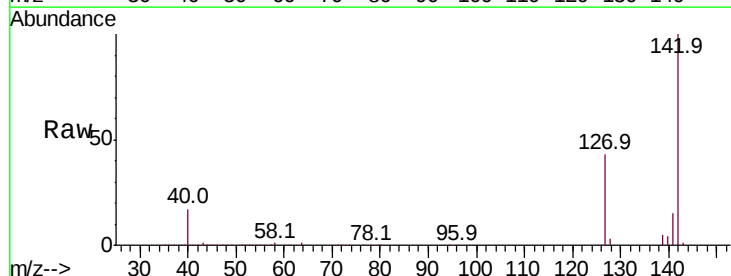
Tgt Ion:142 Resp: 134894

Ion Ratio Lower Upper

142 100

127 43.2 32.1 48.1

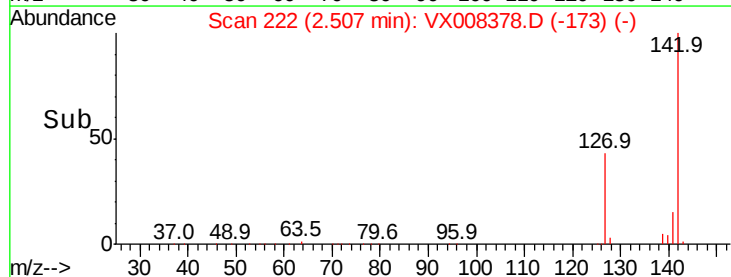
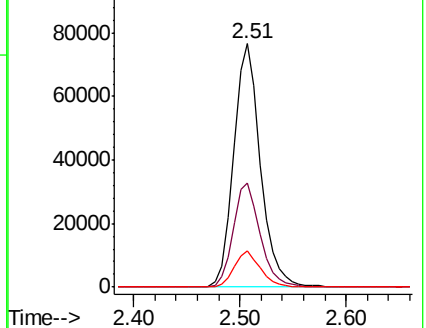
141 14.7 11.4 17.2

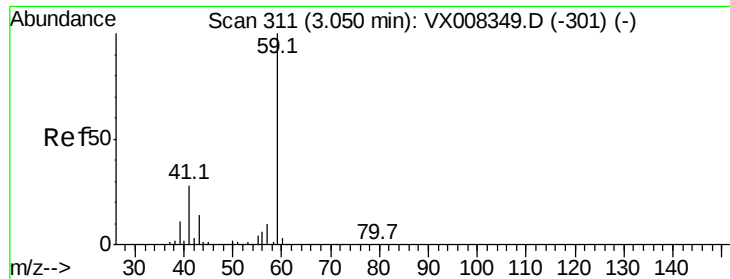


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

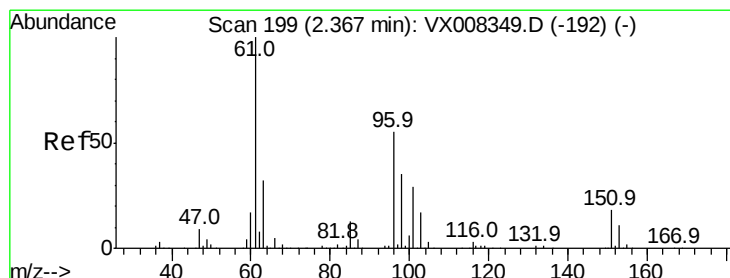
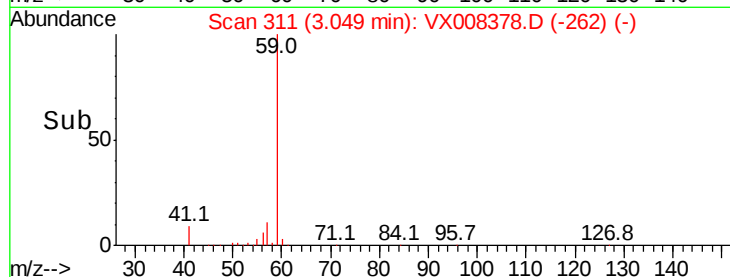
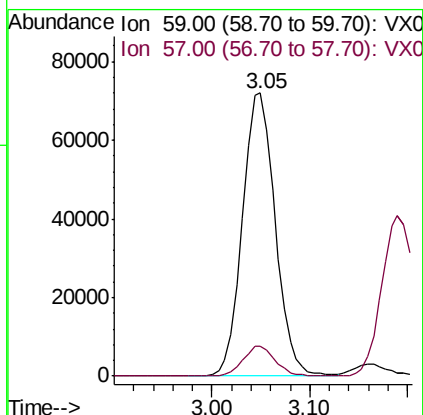
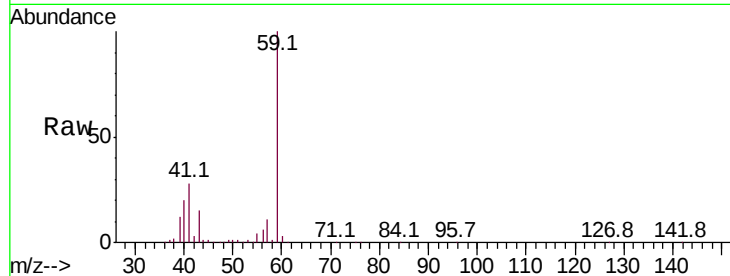




#11
Tert butyl alcohol
Concen: 233.656 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

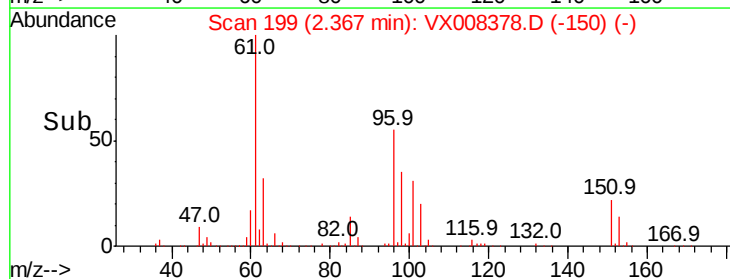
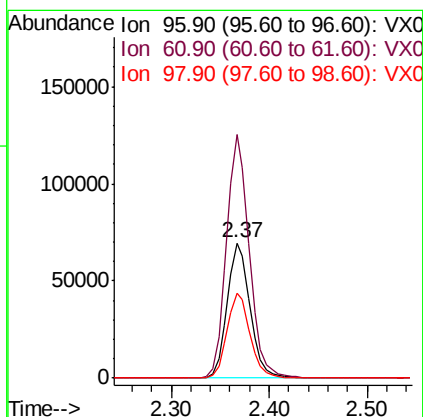
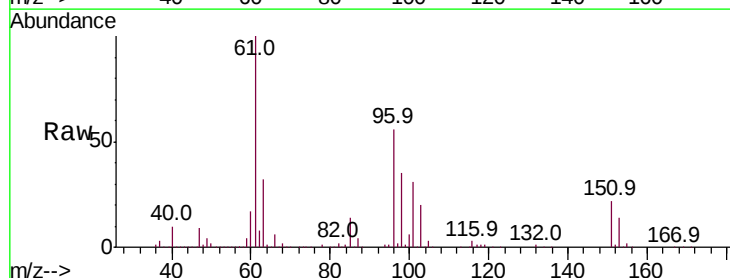
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

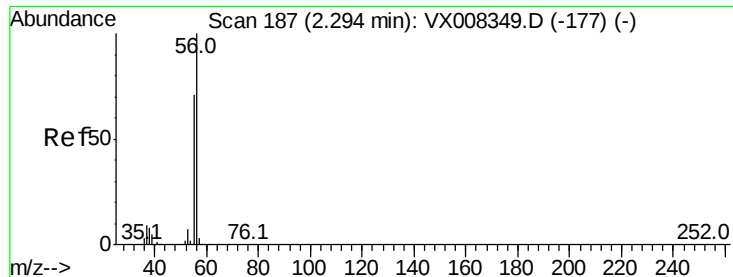
Tot Ion: 59 Resp: 167778
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.725 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion: 96 Resp: 112486
Ion Ratio Lower Upper
96 100
61 179.9 129.8 194.6
98 62.8 51.0 76.6





#13

Acrolein

Concen: 255.921 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

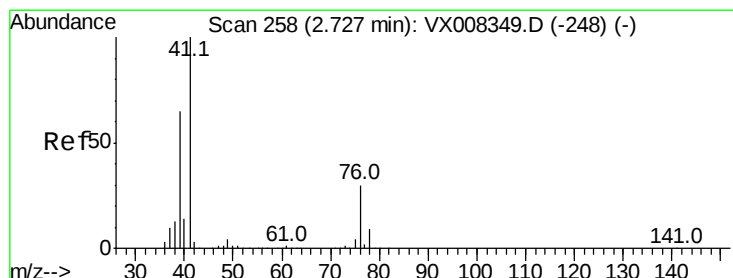
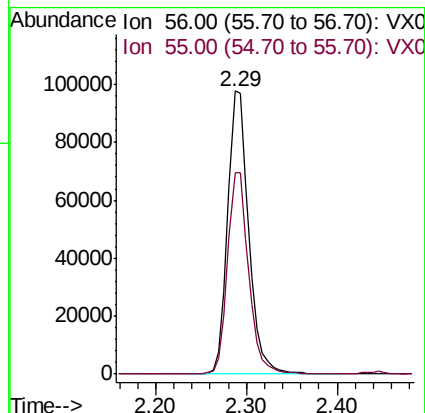
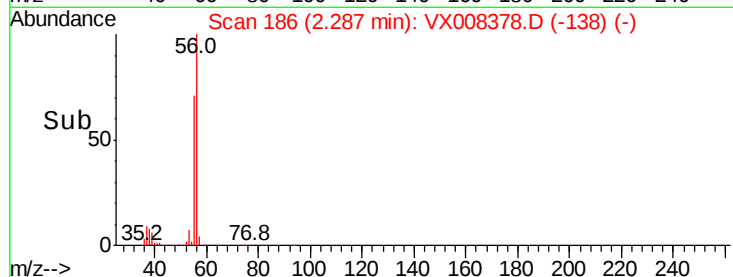
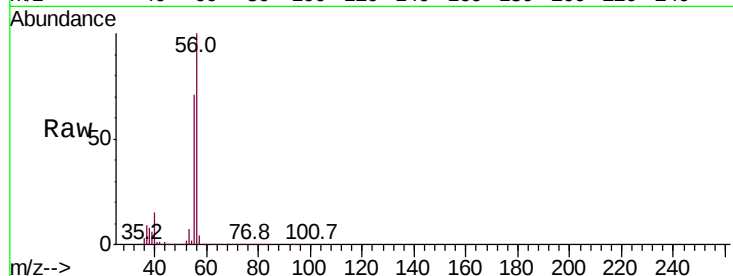
VSTDCCC050

Tot Ion: 56 Resp: 157032

Ion Ratio Lower Upper

56 100

55 71.4 57.8 86.6



#14

Allyl chloride

Concen: 46.565 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

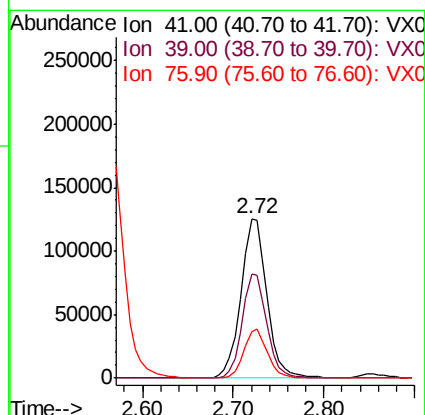
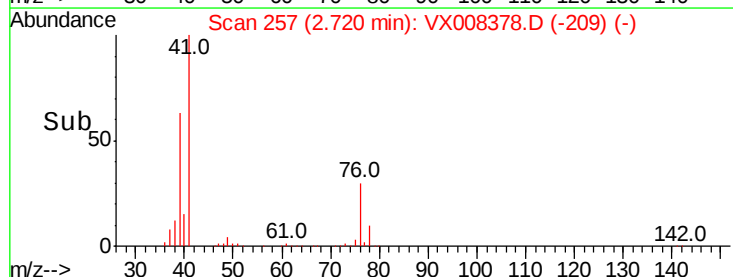
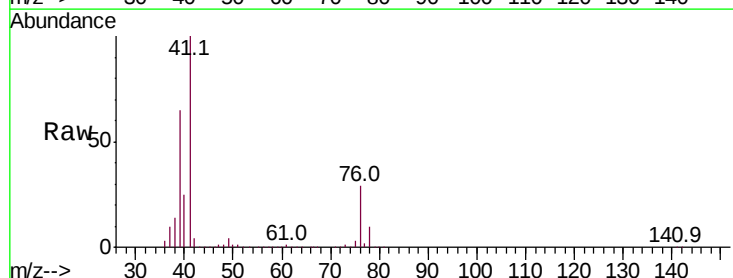
Tgt Ion: 41 Resp: 247995

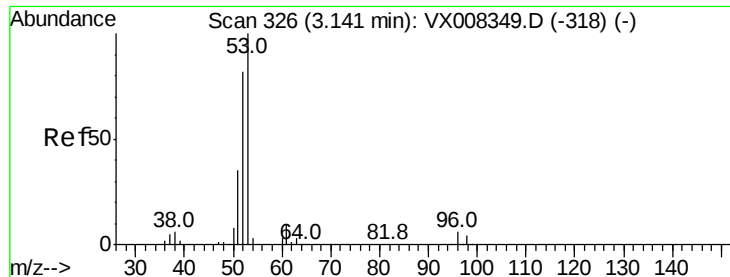
Ion Ratio Lower Upper

41 100

39 62.1 46.1 69.1

76 27.7 24.0 36.0





#15

Acrylonitrile

Concen: 225.645 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

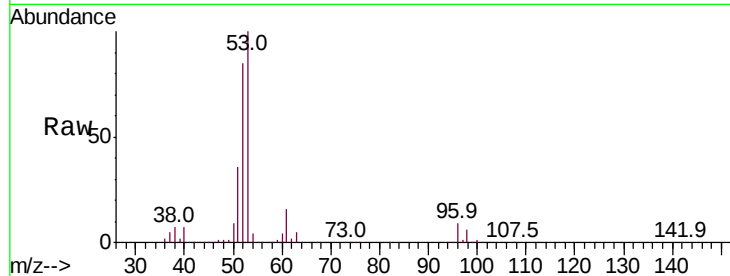
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 414922

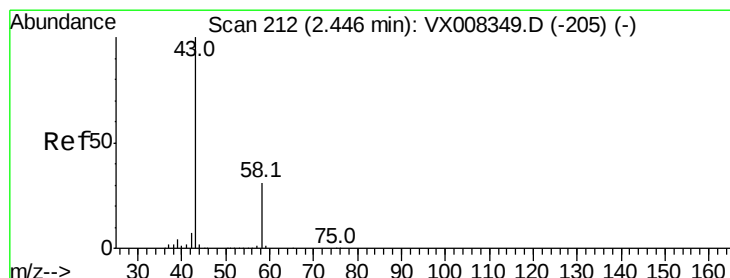
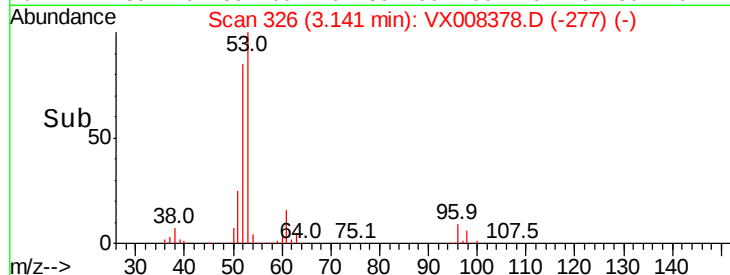
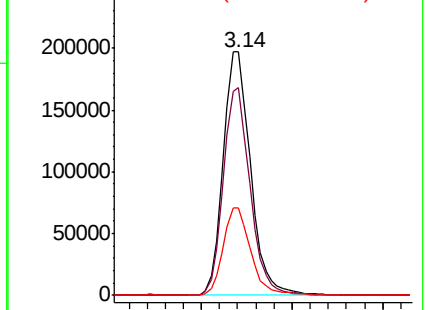
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.0	99.0
51	36.2	28.0	42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 243.945 ug/l

RT: 2.44 min Scan# 211

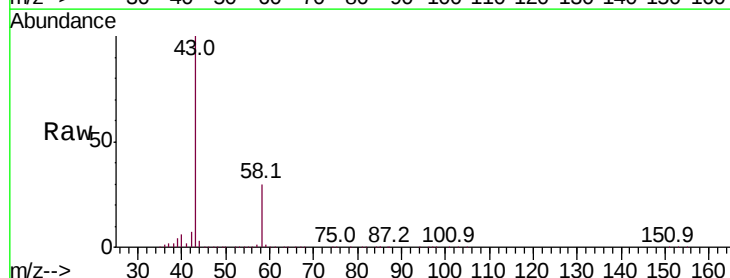
Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

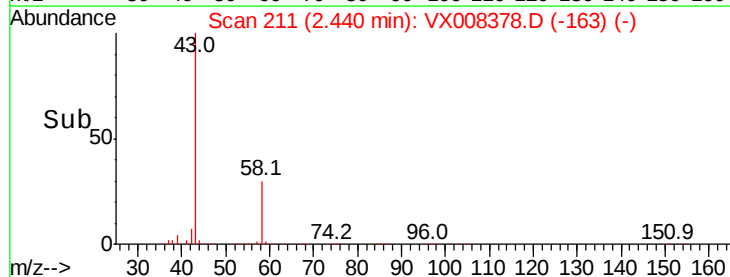
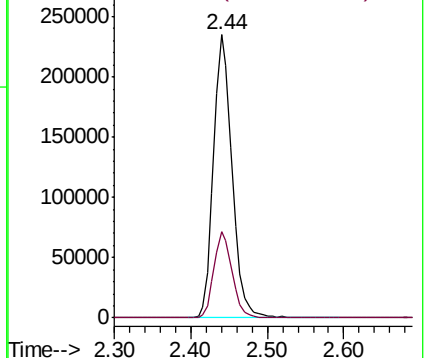
Tgt Ion: 43 Resp: 393082

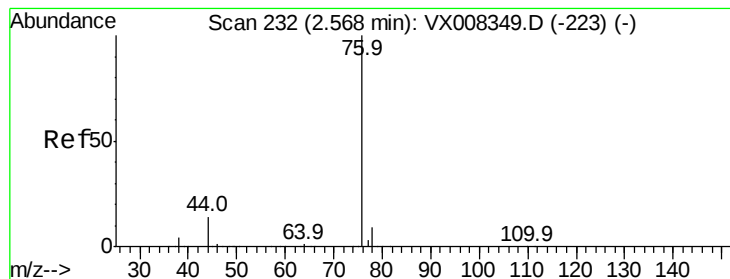
Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.5	38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.487 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

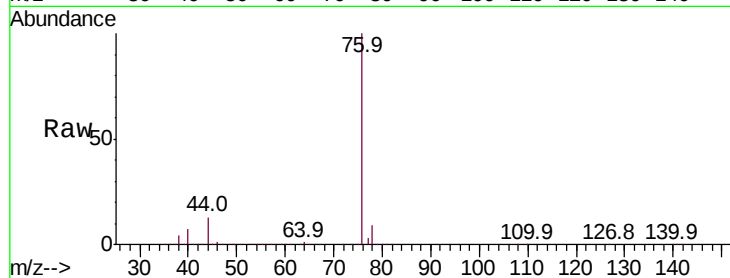
VSTDCCC050

Tot Ion: 76 Resp: 342456

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

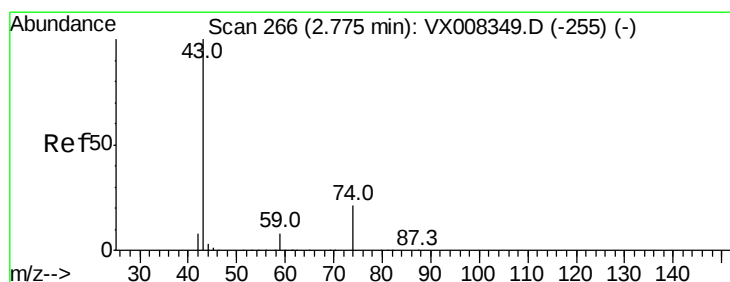
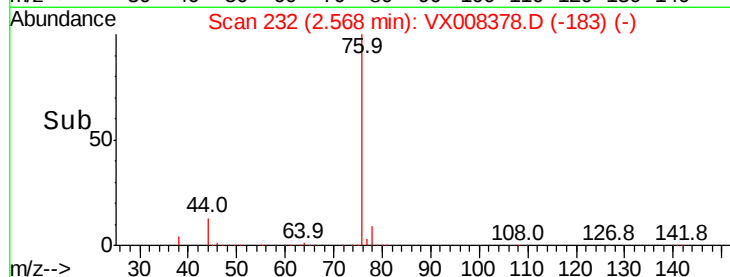
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 43.826 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX008378.D

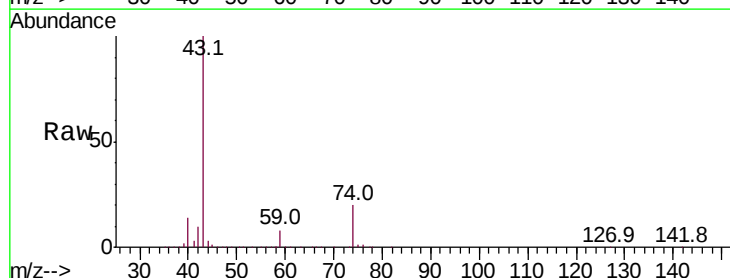
Acq: 24 Mar 2019 09:48

Tgt Ion: 43 Resp: 176764

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

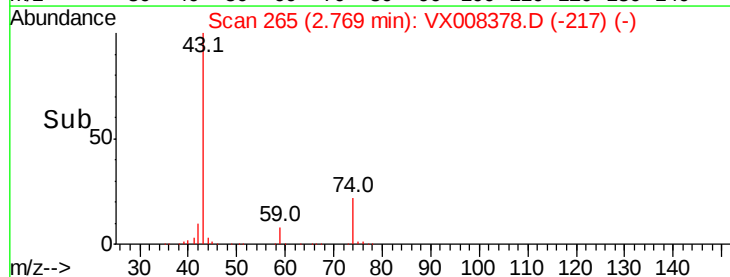
40000

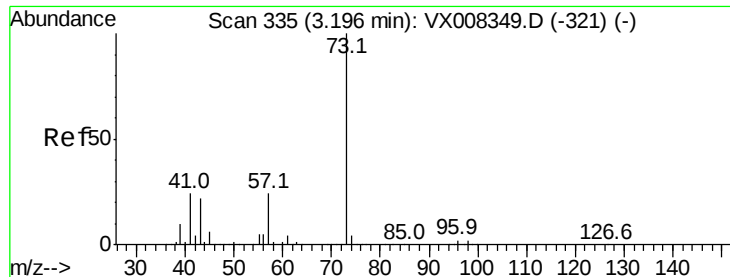
20000

0

2.65 2.70 2.75 2.80 2.85

Time-->



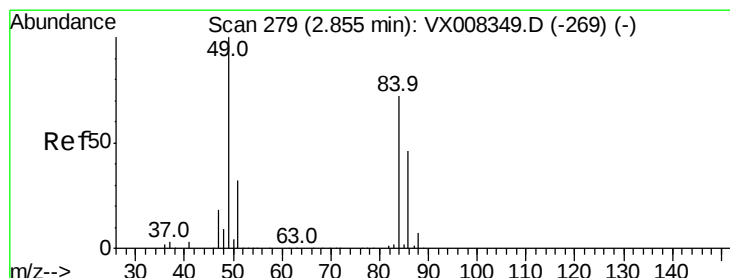
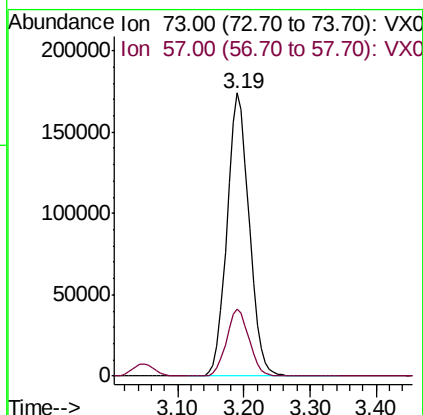
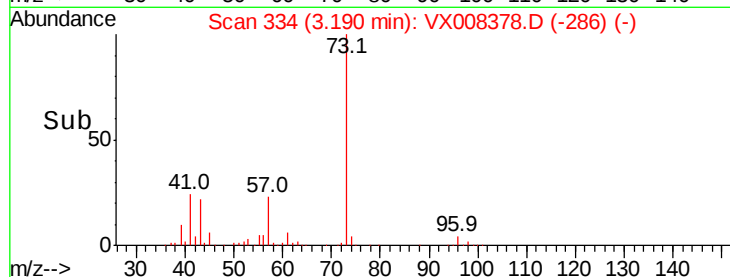
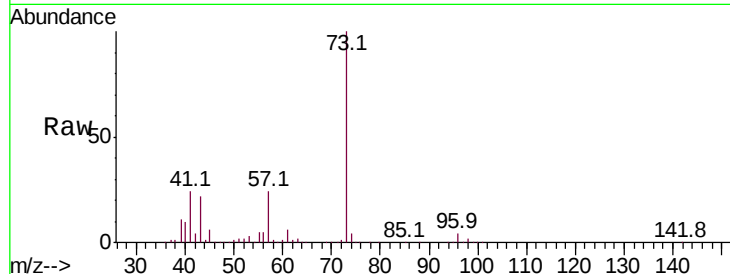


#19

Methyl tert-butyl Ether
 Concen: 46.603 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

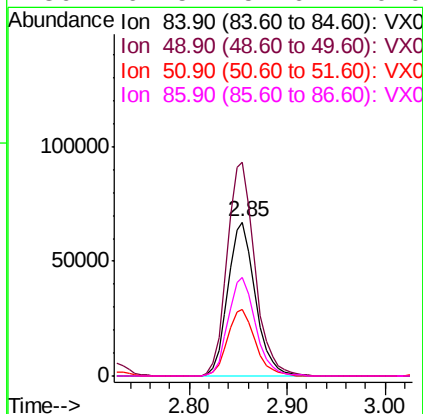
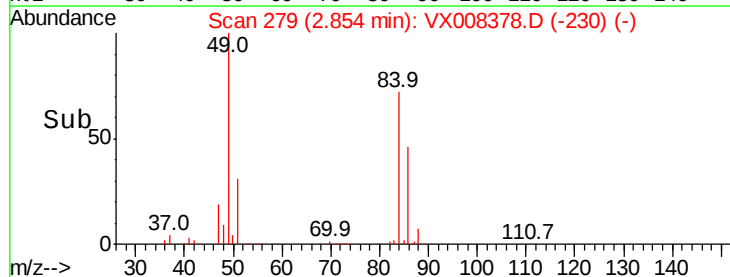
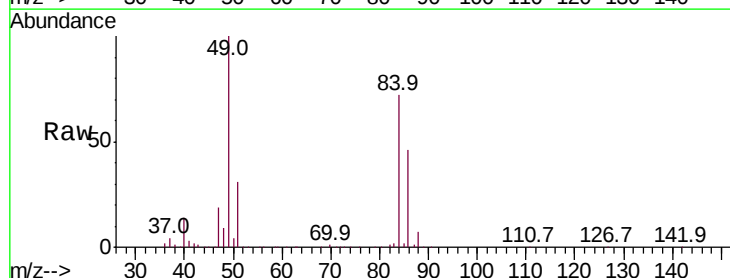
Tot Ion: 73 Resp: 404073
 Ion Ratio Lower Upper
 73 100
 57 23.5 18.2 27.4

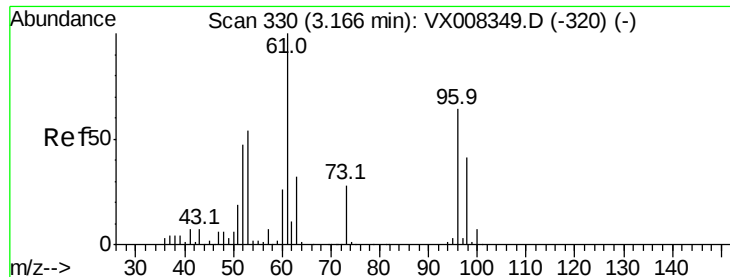


#20

Methylene Chloride
 Concen: 45.083 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

Tgt Ion: 84 Resp: 130776
 Ion Ratio Lower Upper
 84 100
 49 138.7 99.3 148.9
 51 43.6 31.3 46.9
 86 64.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 45.591 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

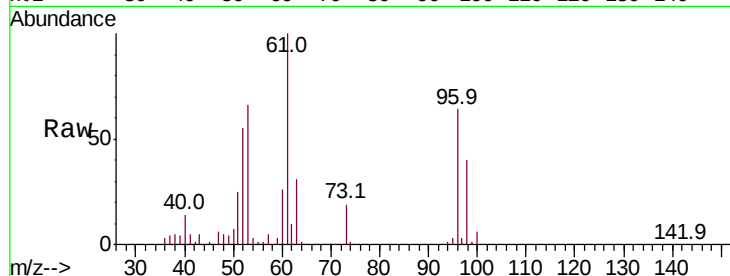
Tot Ion: 96 Resp: 118844

Ion Ratio Lower Upper

96 100

61 157.3 114.4 171.6

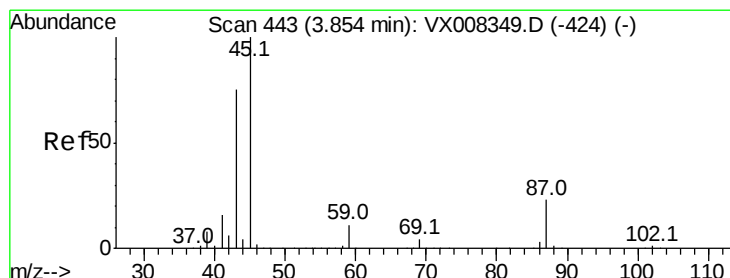
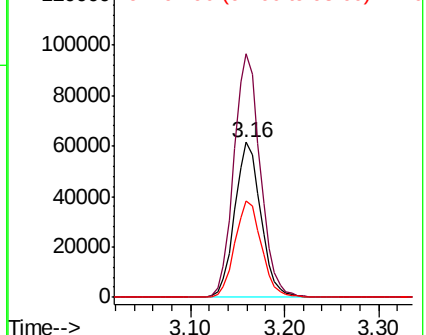
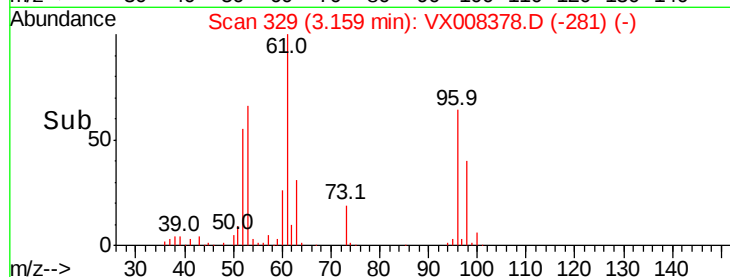
98 62.4 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.892 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Tgt Ion: 45 Resp: 486248

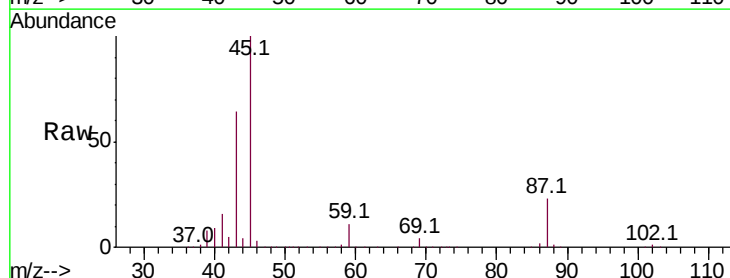
Ion Ratio Lower Upper

45 100

43 64.0 45.3 67.9

87 23.3 21.4 32.0

59 10.8 9.5 14.3

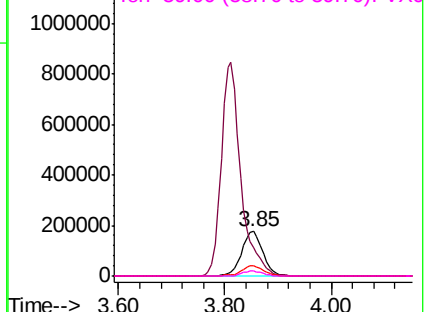
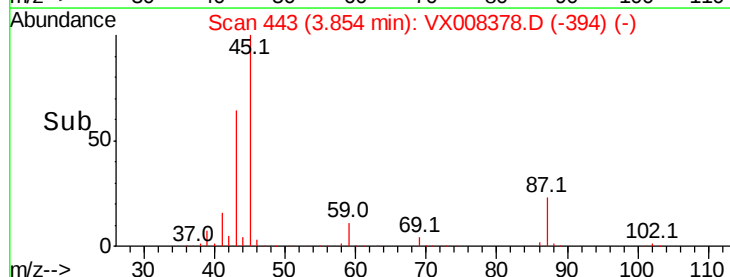


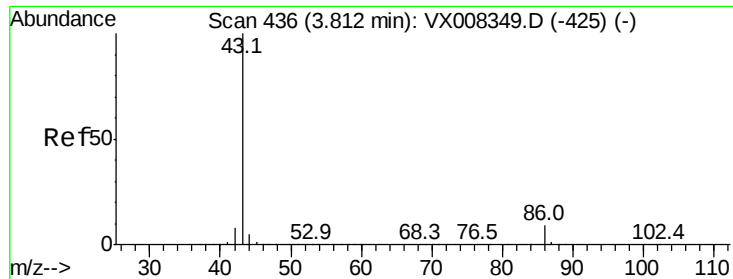
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 237.959 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

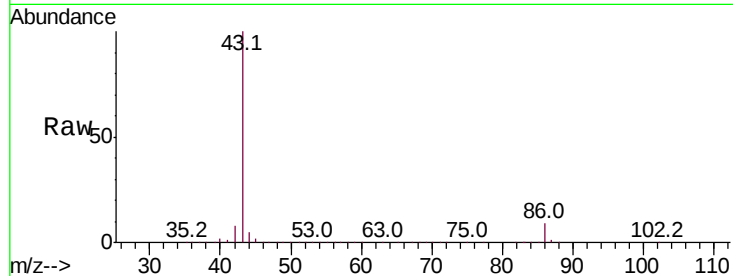
VSTDCCC050

Tot Ion: 43 Resp: 2178609

Ion Ratio Lower Upper

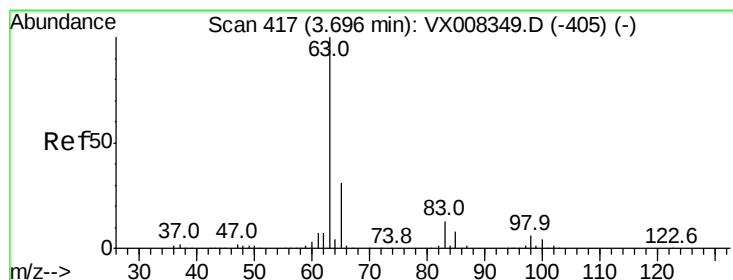
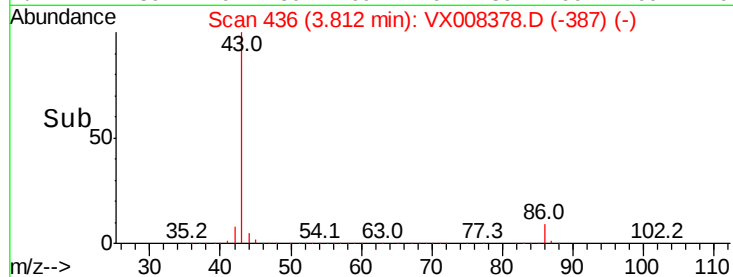
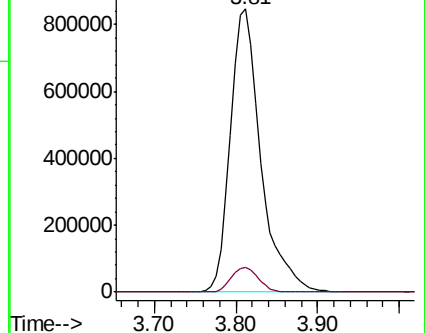
43 100

86 8.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX008349.D (-425) (-)

Ion 86.00 (85.70 to 86.70): VX008349.D (-425) (-)



#24

1,1-Dichloroethane

Concen: 46.117 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

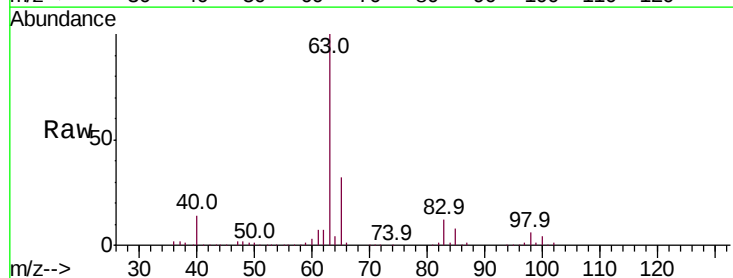
Tgt Ion: 63 Resp: 243815

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

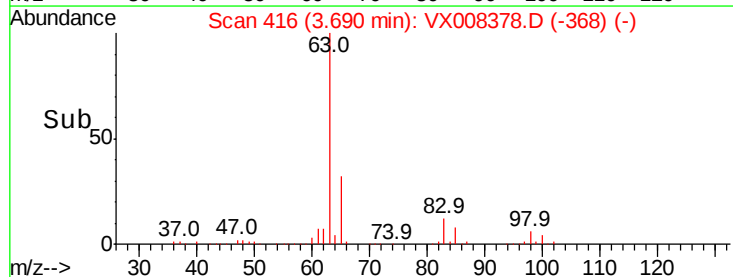
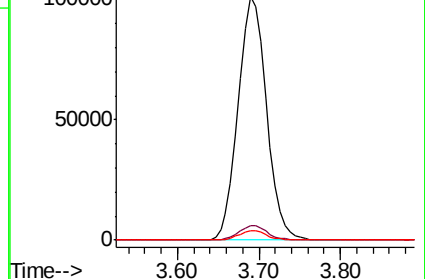
100 3.7 2.3 6.8

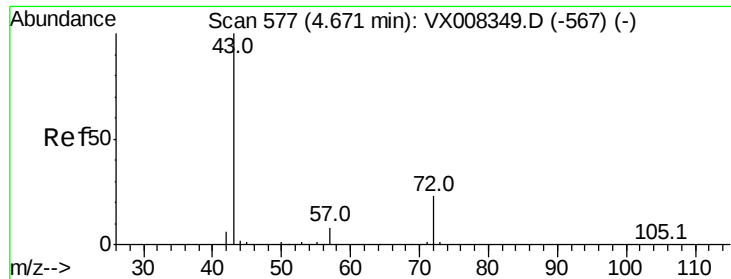


Abundance Ion 62.90 (62.60 to 63.60): VX008349.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX008349.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX008349.D (-405) (-)





#25

2-Butanone

Concen: 234.355 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

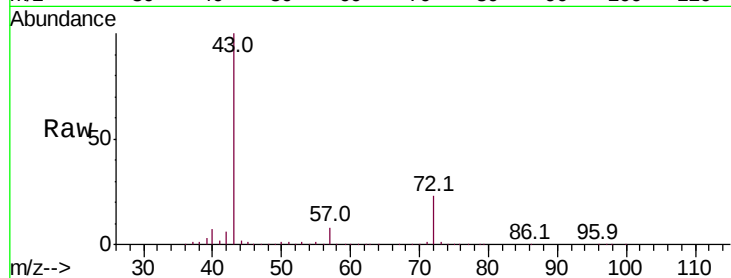
VSTDCCC050

Tot Ion: 43 Resp: 621808

Ion Ratio Lower Upper

43 100

72 22.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

200000

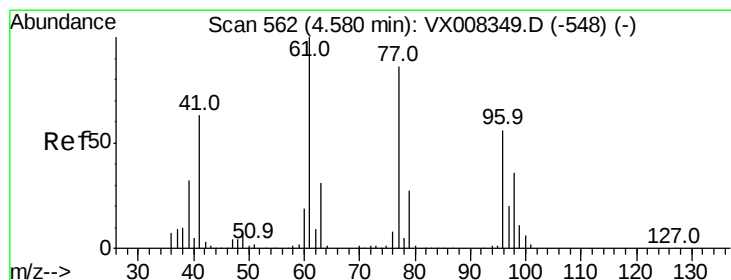
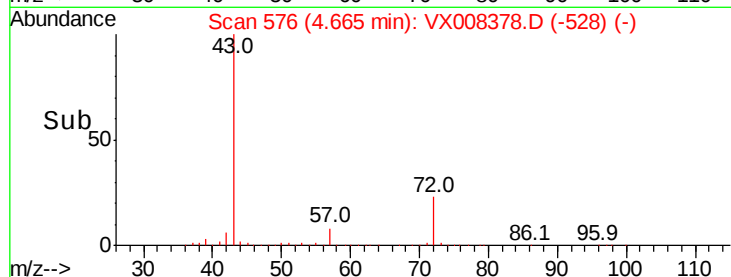
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.882 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX008378.D

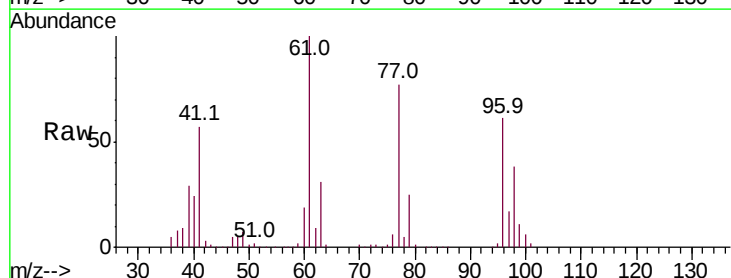
Acq: 24 Mar 2019 09:48

Tgt Ion: 77 Resp: 169909

Ion Ratio Lower Upper

77 100

97 22.5 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

50000

40000

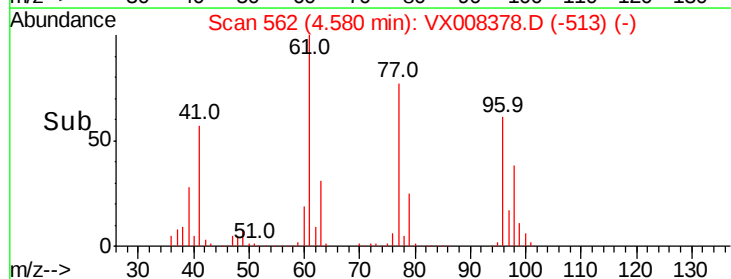
30000

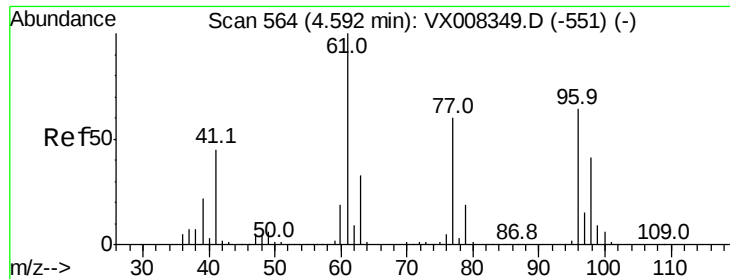
20000

10000

0

Time-->



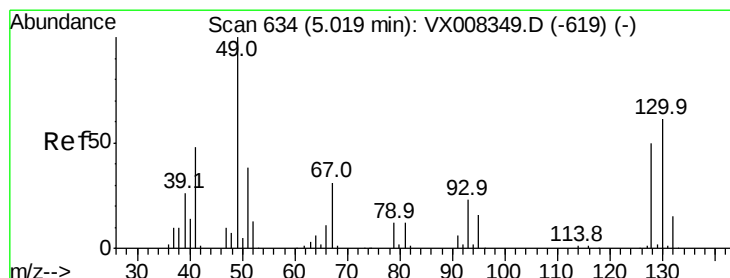
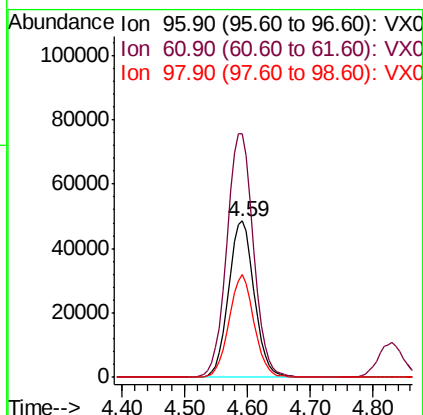
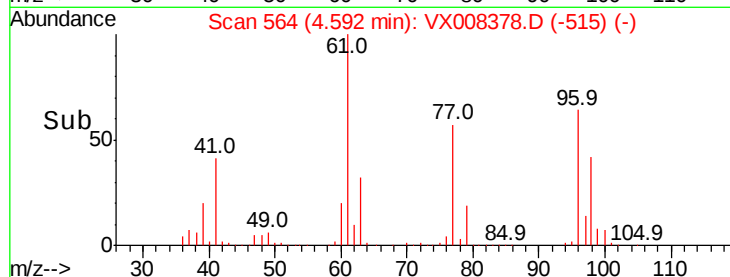
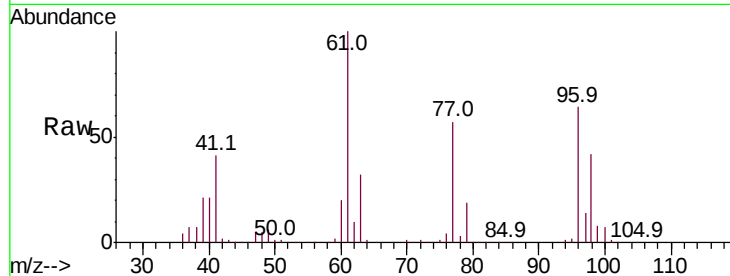


#27

cis-1,2-Dichloroethene
Concen: 46.005 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

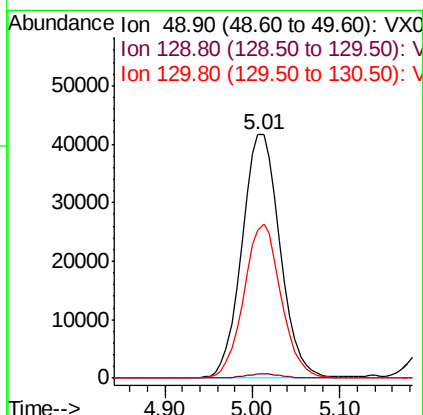
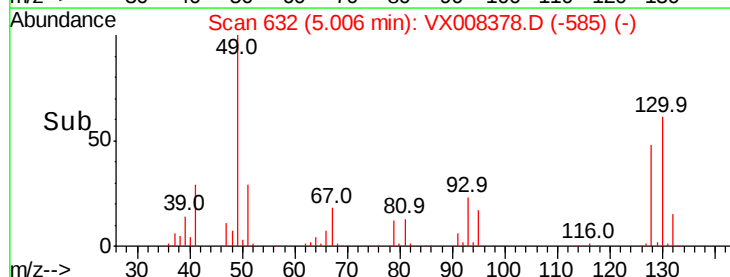
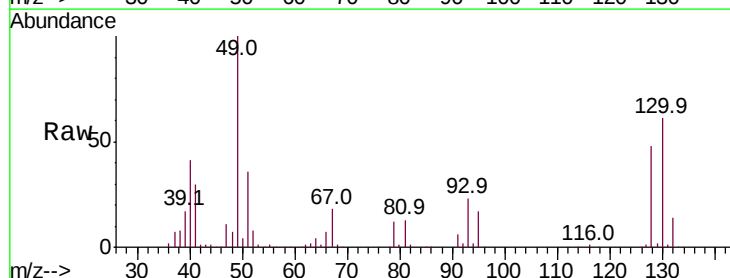
Tot Ion: 96 Resp: 137353
Ion Ratio Lower Upper
96 100
61 162.2 0.0 288.0
98 64.3 0.0 129.0

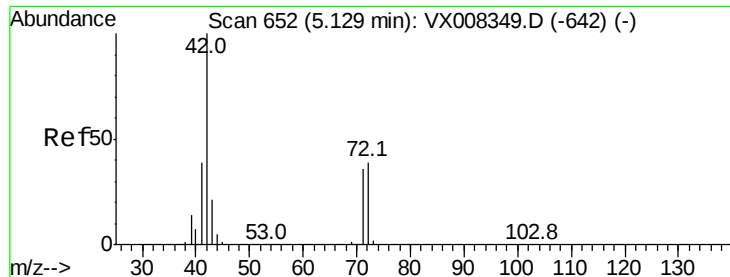


#28

Bromochloromethane
Concen: 47.974 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion: 49 Resp: 126615
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 61.6 65.0 97.4#





#29

Tetrahydrofuran

Concen: 224.866 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

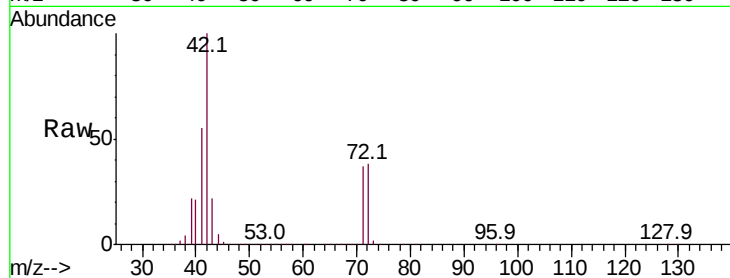
Tot Ion: 42 Resp: 396157

Ion Ratio Lower Upper

42 100

72 39.3 33.8 50.6

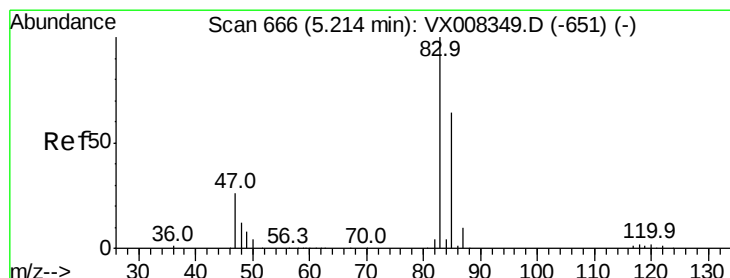
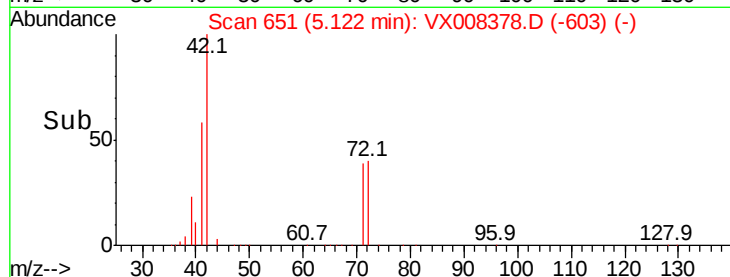
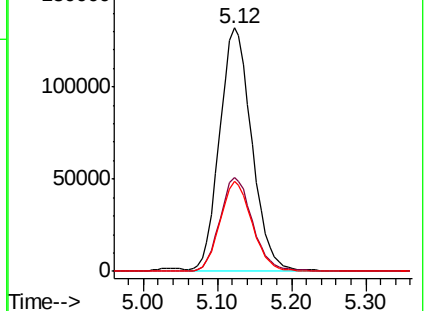
71 36.8 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.653 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX008378.D

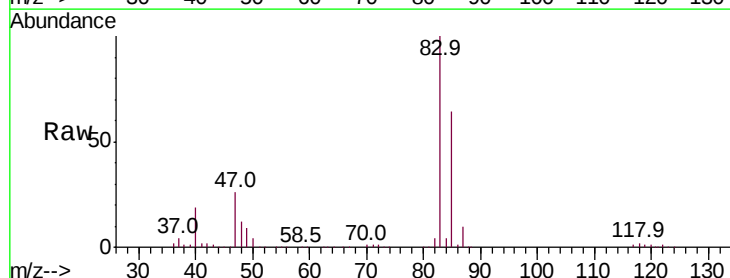
Acq: 24 Mar 2019 09:48

Tgt Ion: 83 Resp: 222376

Ion Ratio Lower Upper

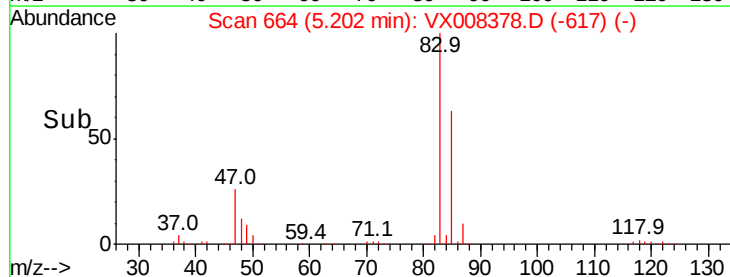
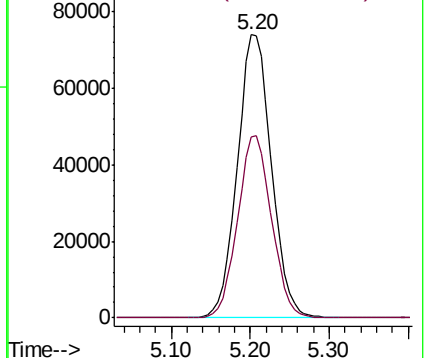
83 100

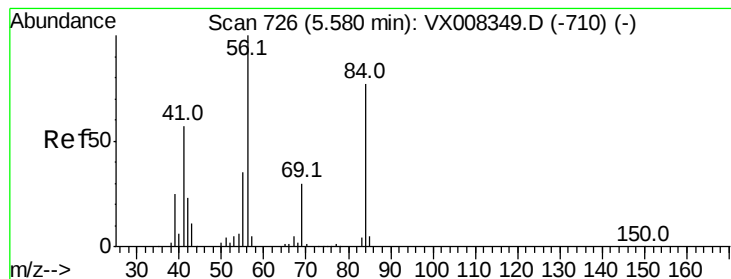
85 63.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.747 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

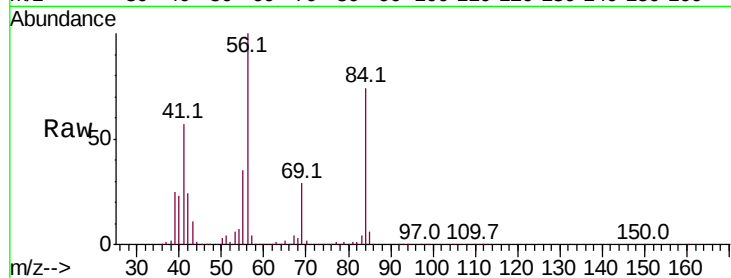
Tot Ion: 56 Resp: 242062

Ion Ratio Lower Upper

56 100

69 29.0 24.0 36.0

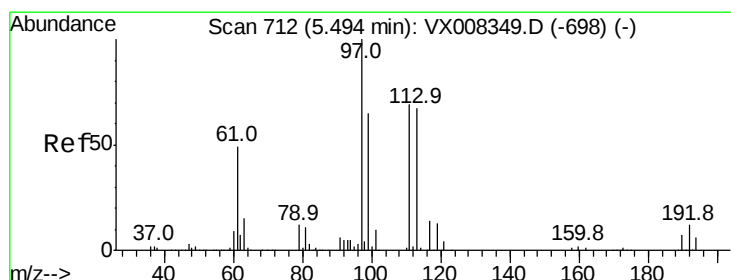
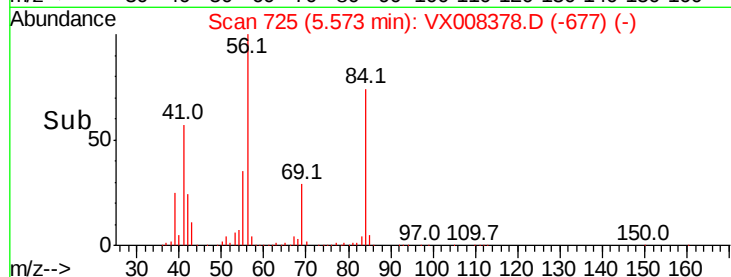
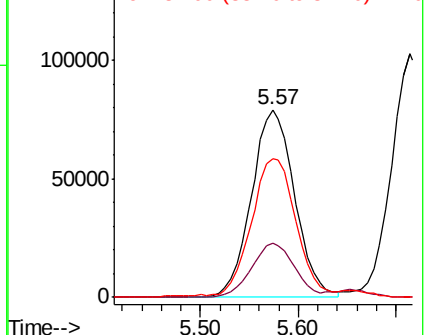
84 73.1 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.760 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

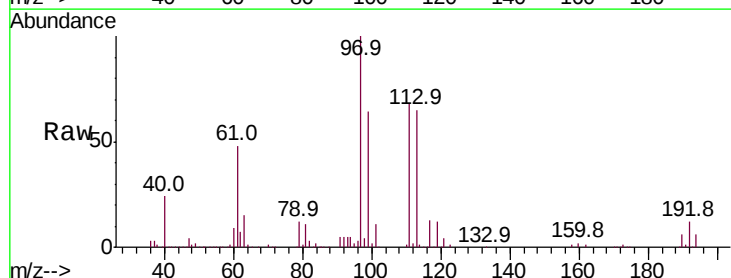
Tgt Ion: 97 Resp: 180109

Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

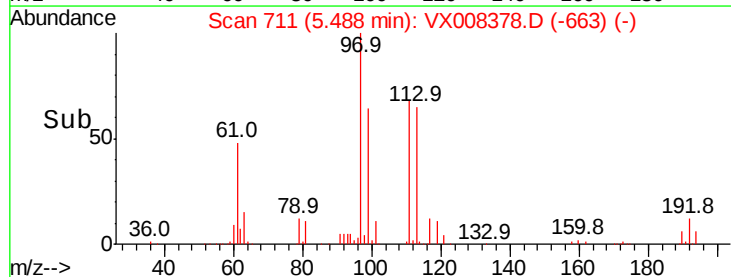
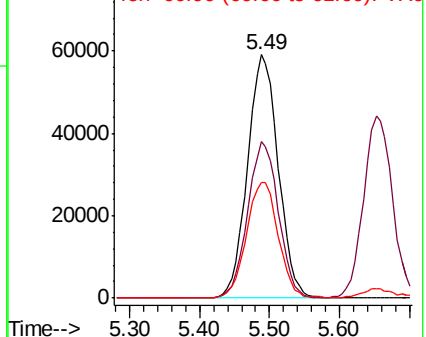
61 49.3 34.9 52.3

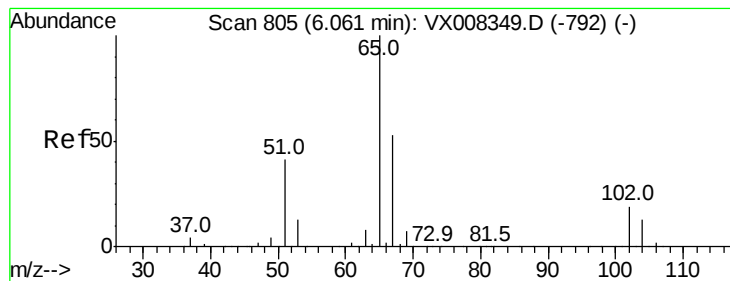


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.240 ug/l

RT: 6.05 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

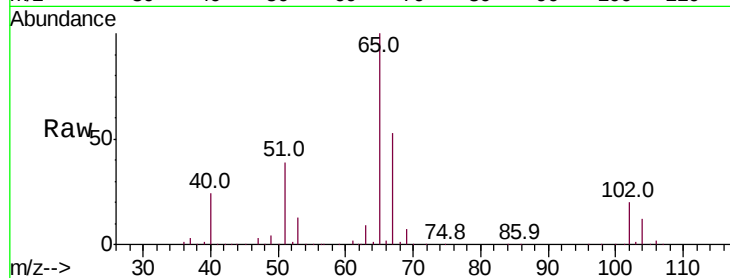
VSTDCCC050

Tot Ion: 65 Resp: 152290

Ion Ratio Lower Upper

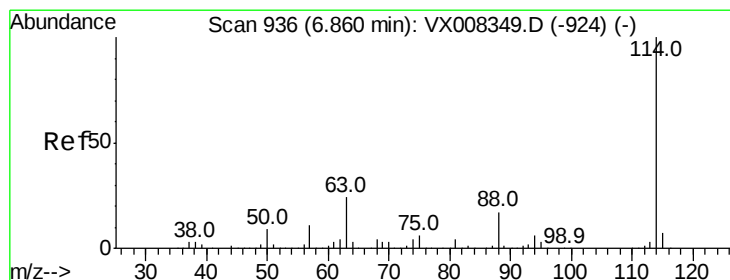
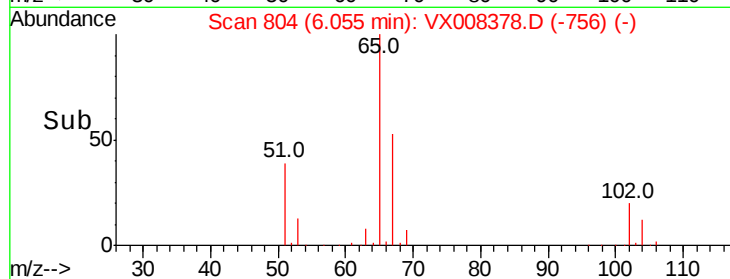
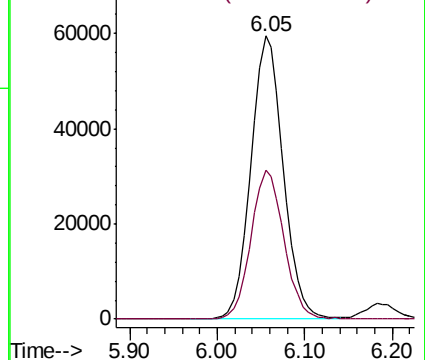
65 100

67 53.8 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

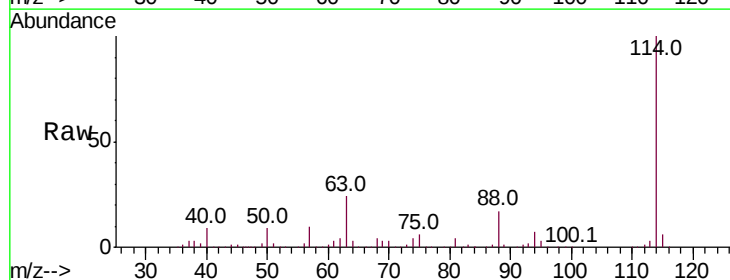
Tgt Ion: 114 Resp: 354006

Ion Ratio Lower Upper

114 100

63 23.7 0.0 39.8

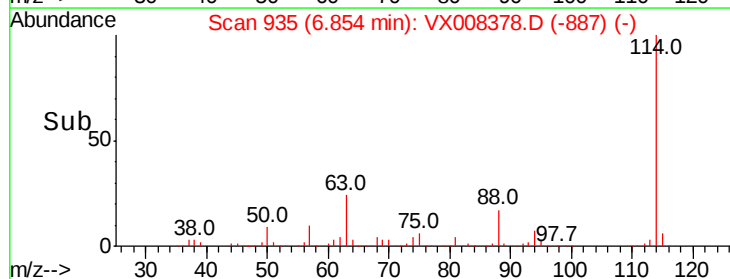
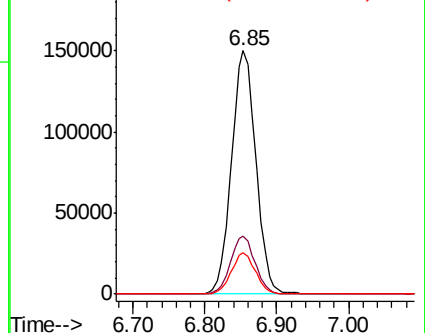
88 16.7 0.0 31.4

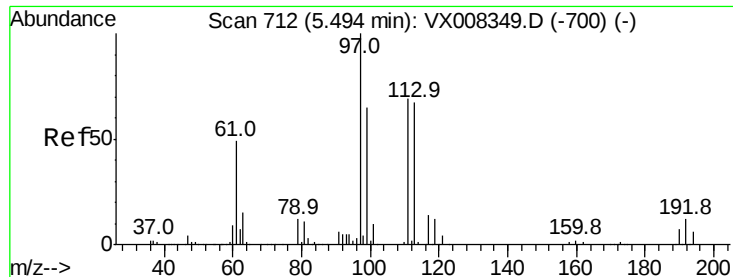


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.708 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

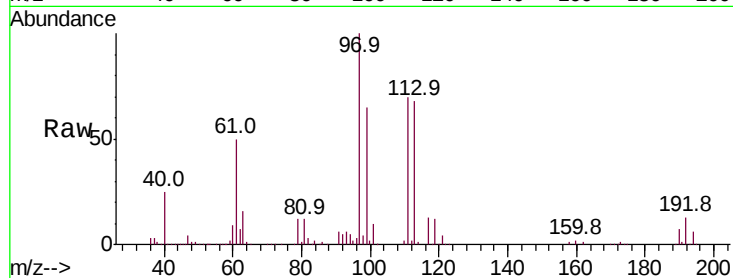
Tot Ion:113 Resp: 111715

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.0

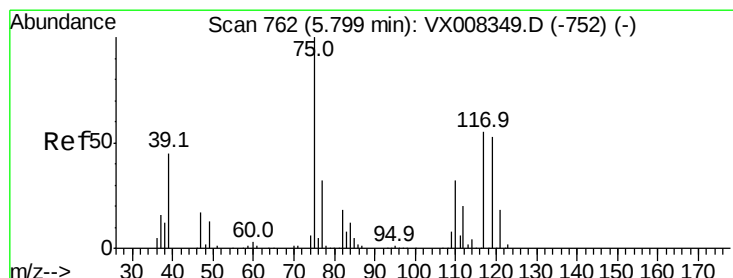
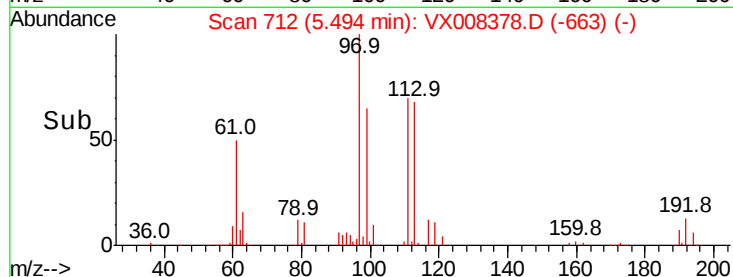
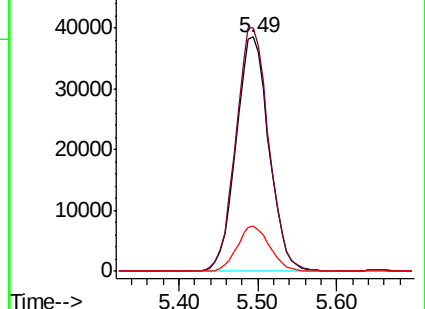
192 19.2 19.4 29.0#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.180 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

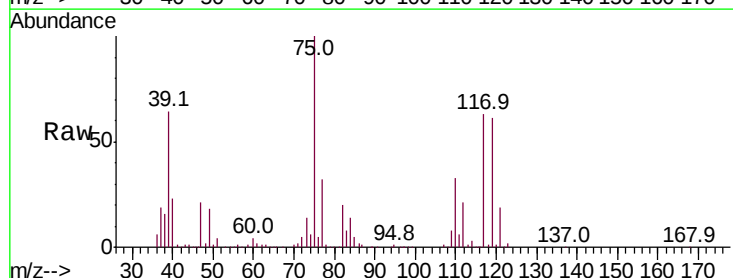
Tgt Ion: 75 Resp: 177906

Ion Ratio Lower Upper

75 100

110 32.7 18.4 55.0

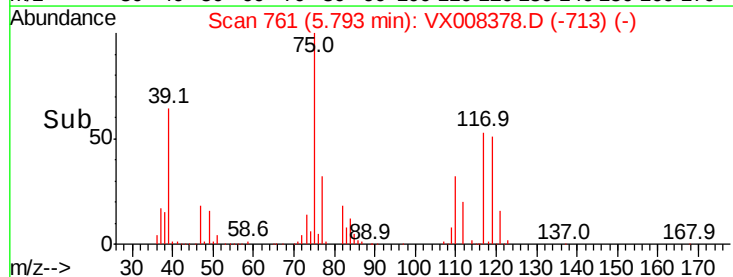
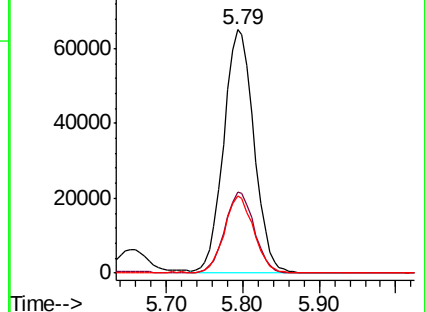
77 30.7 25.0 37.4

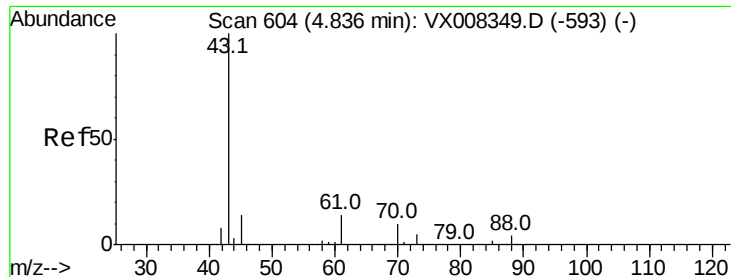


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 47.320 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

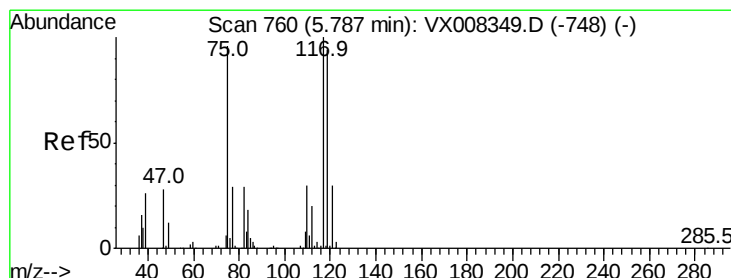
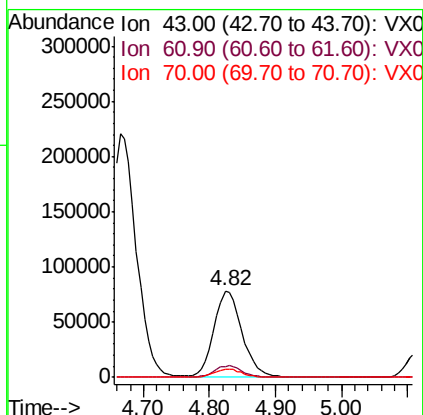
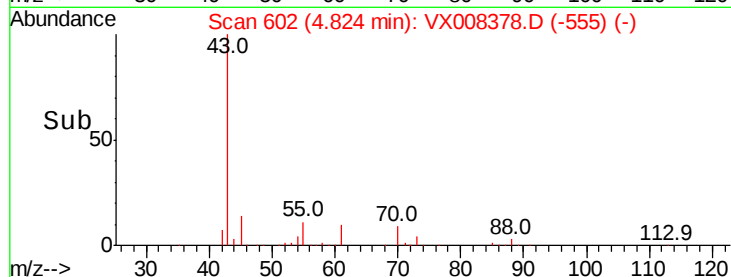
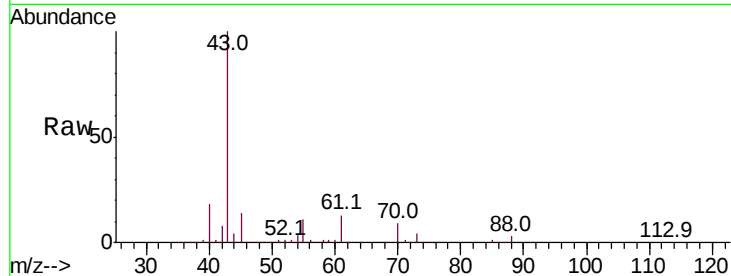
Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 231669

Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.3	16.9
70	9.6	8.5	12.7



#38

Carbon Tetrachloride

Concen: 49.064 ug/l

RT: 5.78 min Scan# 759

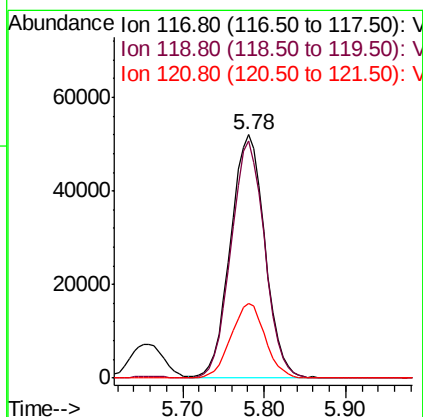
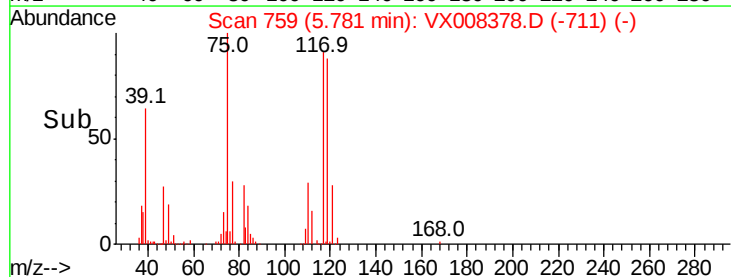
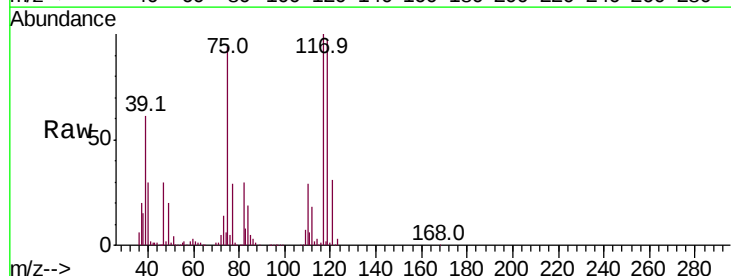
Delta R.T. -0.01 min

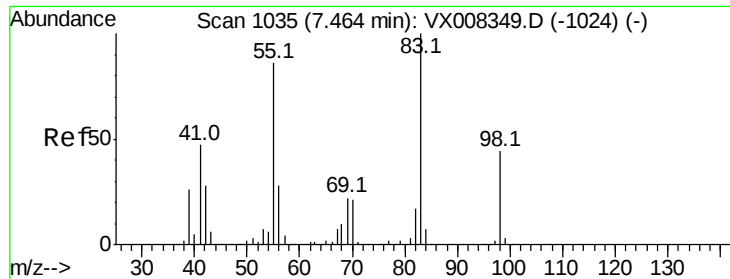
Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Tgt Ion: 117 Resp: 152142

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.2	114.2
121	30.7	24.6	36.8

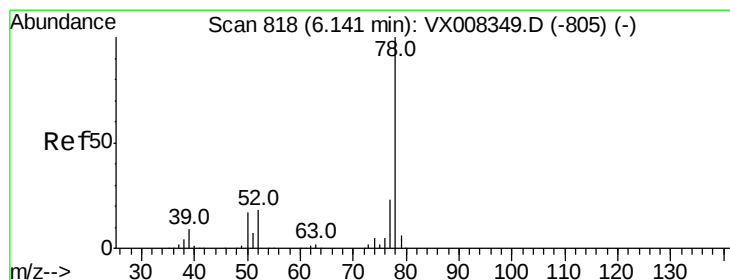
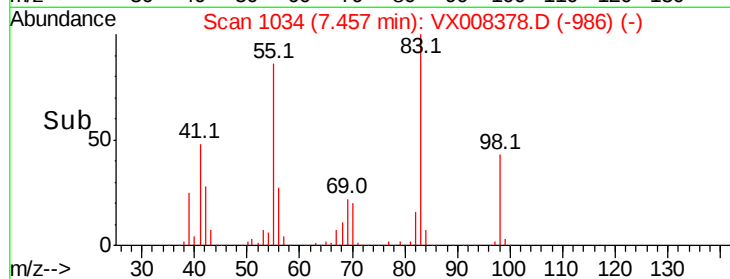
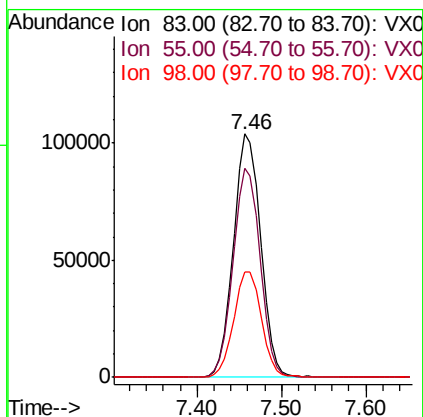
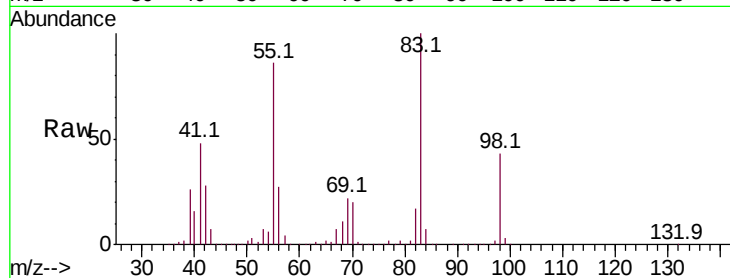




#39
Methvlcvclohexane
Concen: 51.283 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

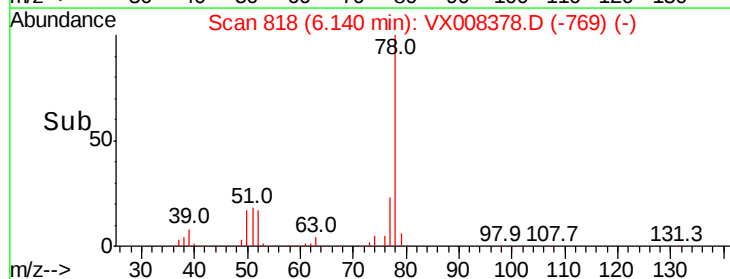
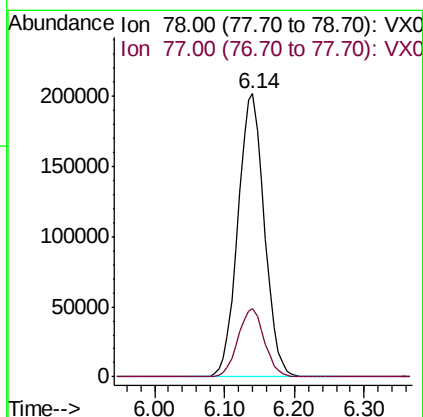
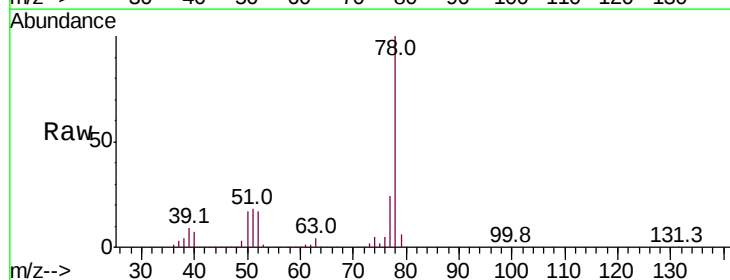
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

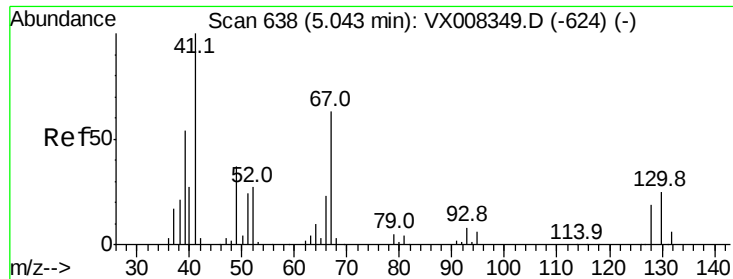
Tot Ion: 83 Resp: 227389
Ion Ratio Lower Upper
83 100
55 85.6 60.4 90.6
98 43.1 36.5 54.7



#40
Benzene
Concen: 47.985 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion: 78 Resp: 528633
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

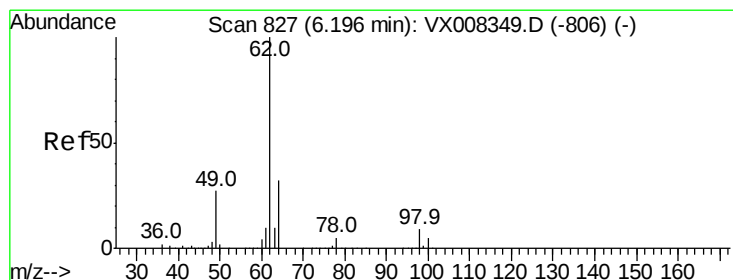
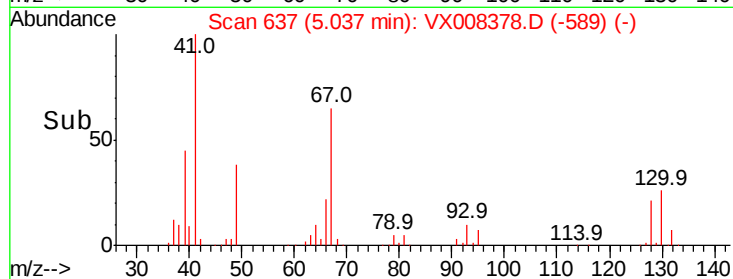
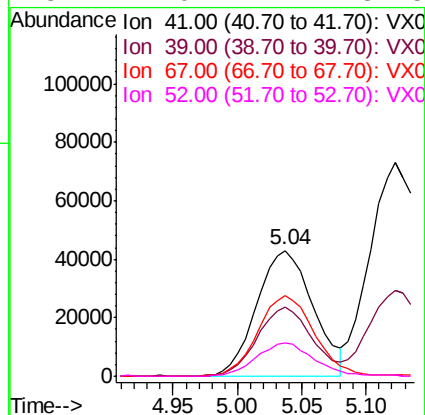
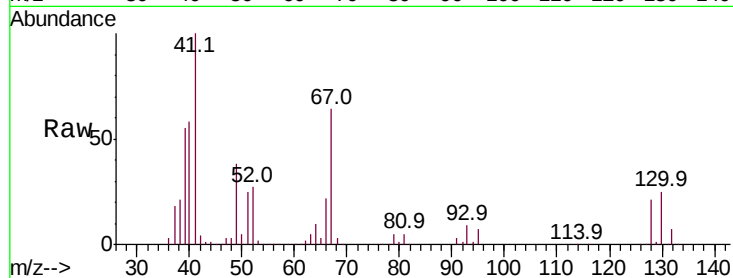




#41
Methacrylonitrile
Concen: 48.800 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

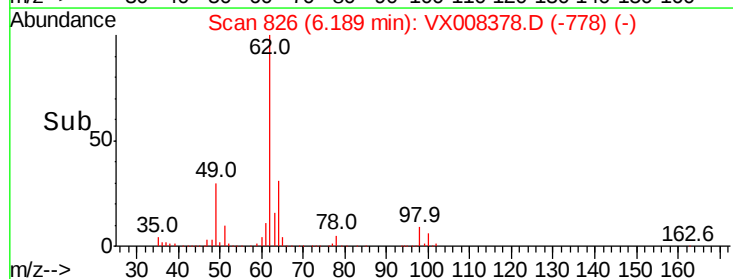
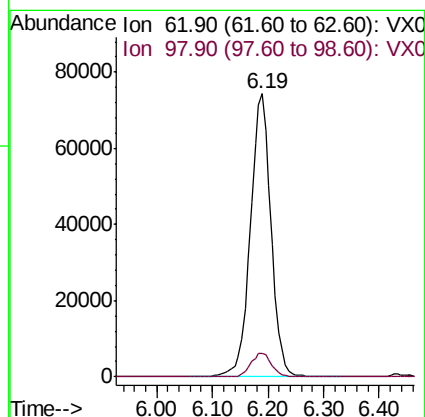
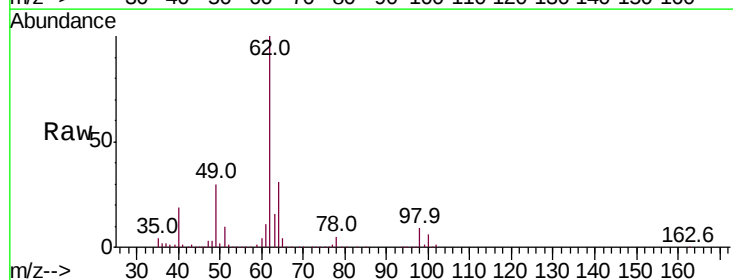
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

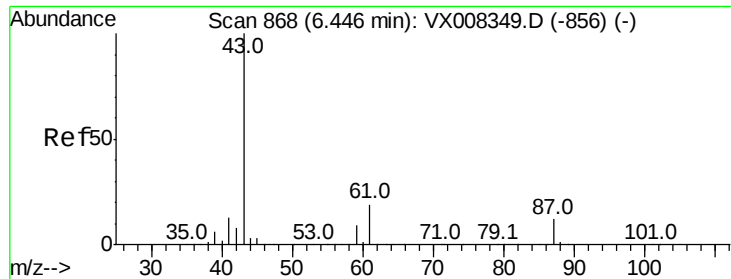
Tot Ion:	41	Resp:	130225
Ion	Ratio	Lower	Upper
41	100		
39	53.4	41.6	62.4
67	64.9	55.8	83.6
52	27.0	21.7	32.5



#42
1,2-Dichloroethane
Concen: 47.971 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion:	62	Resp:	191783
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 48.171 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

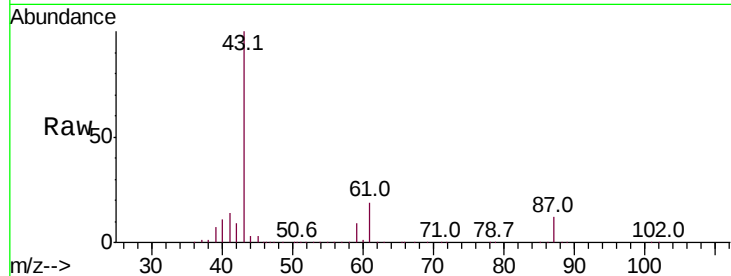
Tot Ion: 43 Resp: 367238

Ion Ratio Lower Upper

43 100

61 19.0 16.3 24.5

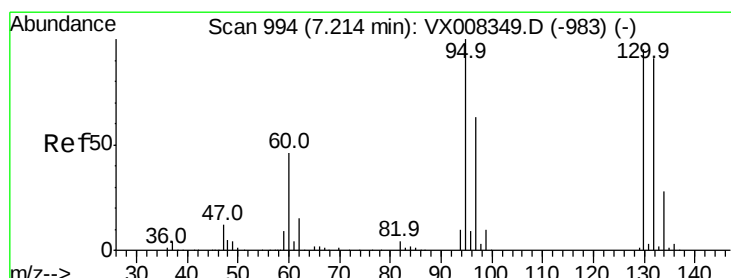
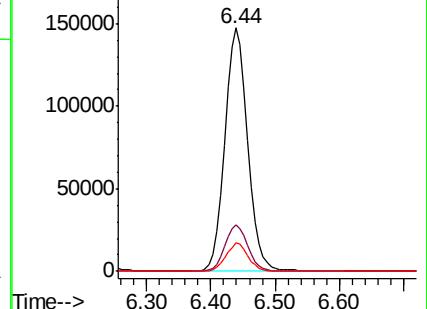
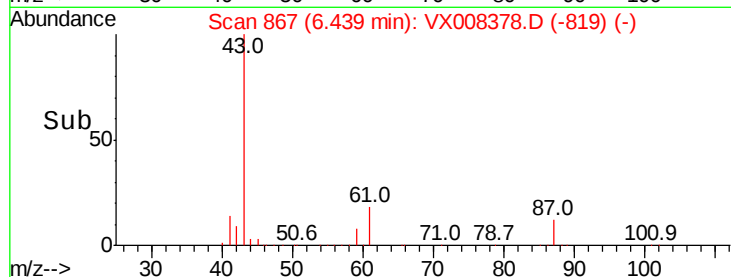
87 11.4 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.410 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008378.D

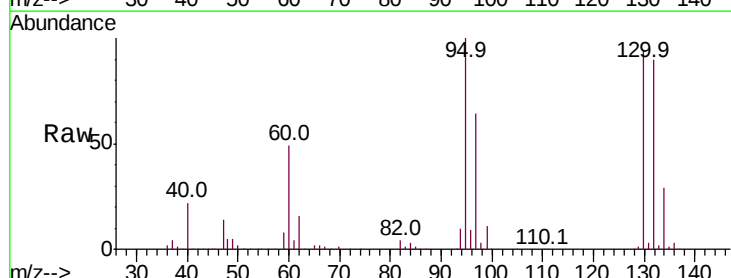
Acq: 24 Mar 2019 09:48

Tgt Ion:130 Resp: 121290

Ion Ratio Lower Upper

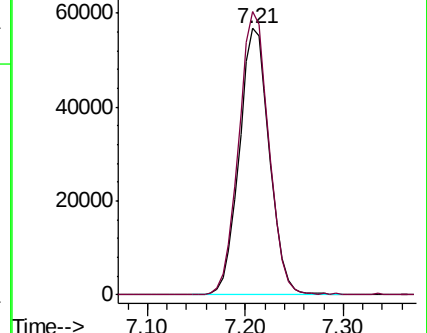
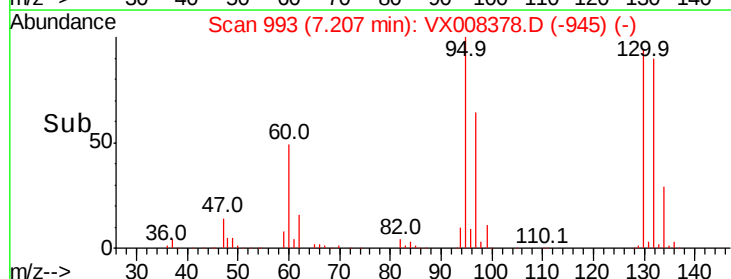
130 100

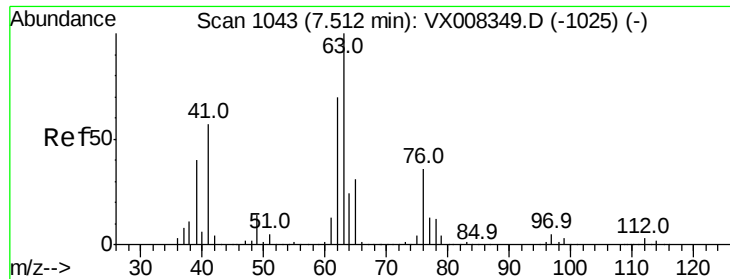
95 106.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.049 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

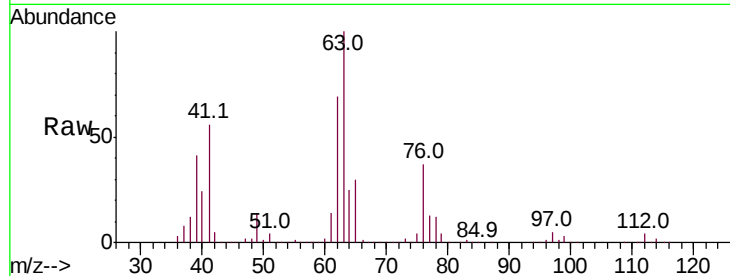
VSTDCCC050

Tot Ion: 63 Resp: 149854

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

60000

40000

20000

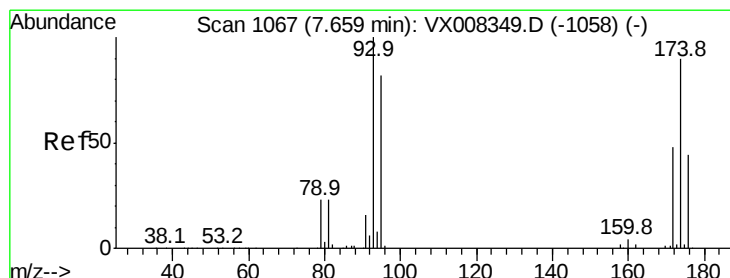
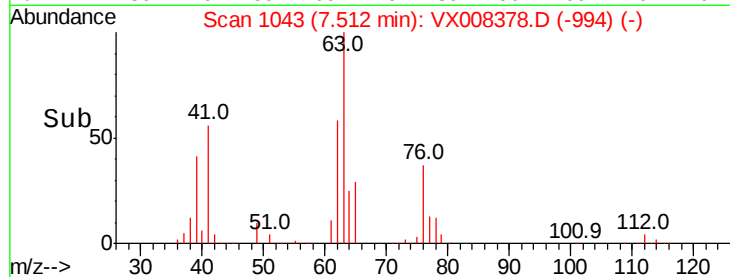
0

Time-->

7.40

7.50

7.60



#46

Dibromomethane

Concen: 46.188 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

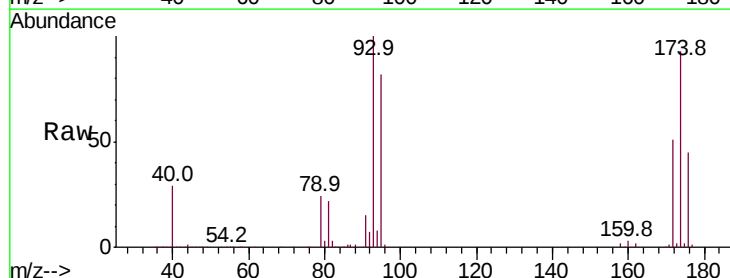
Tgt Ion: 93 Resp: 85488

Ion Ratio Lower Upper

93 100

95 84.5 66.8 100.2

174 94.0 97.3 145.9#



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

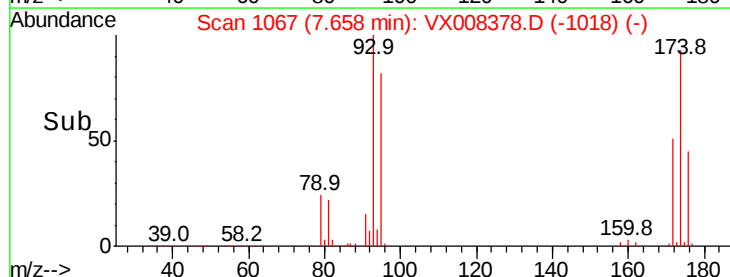
0

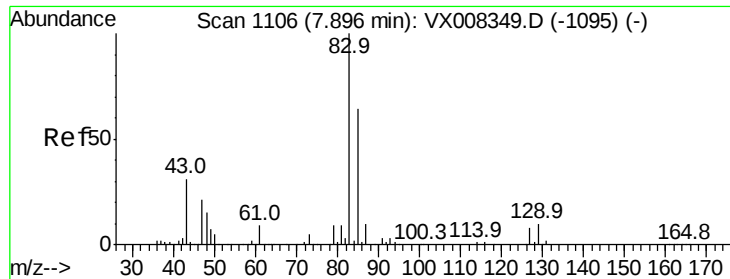
Time-->

7.60

7.70

7.80





#47

Bromodichloromethane

Concen: 48.989 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

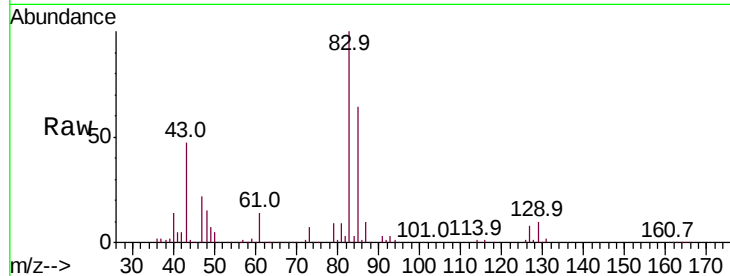
Tot Ion: 83 Resp: 172948

Ion Ratio Lower Upper

83 100

85 63.8 50.9 76.3

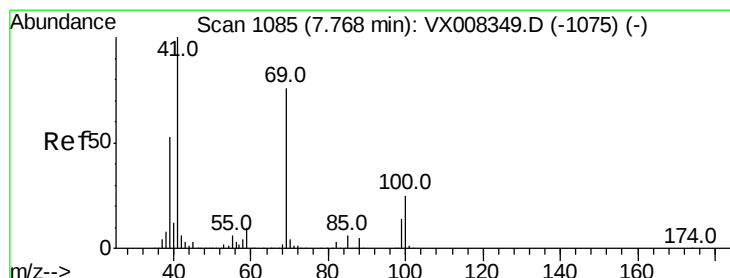
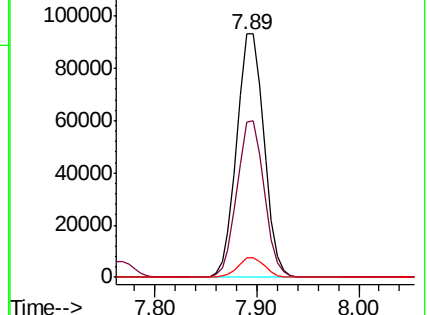
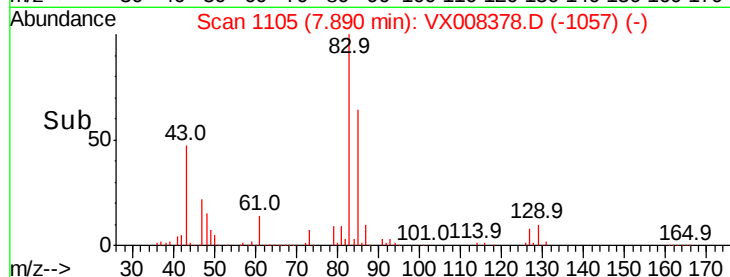
127 7.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.681 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

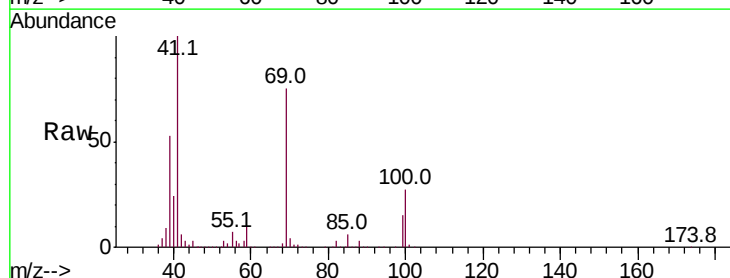
Tgt Ion: 41 Resp: 187268

Ion Ratio Lower Upper

41 100

69 75.1 65.2 97.8

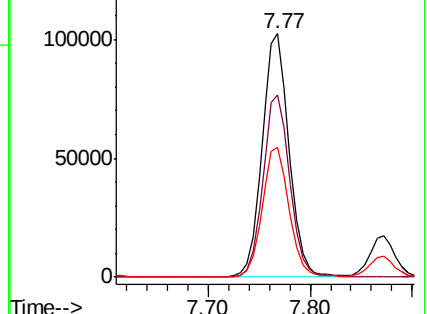
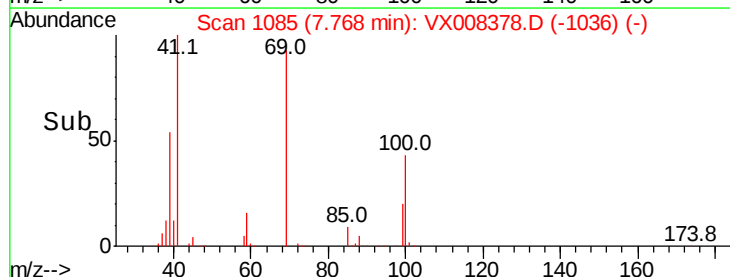
39 53.2 39.4 59.2

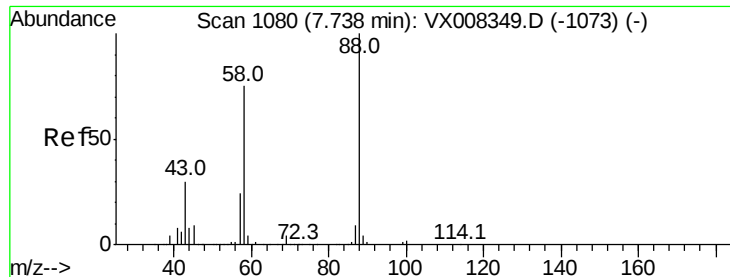


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



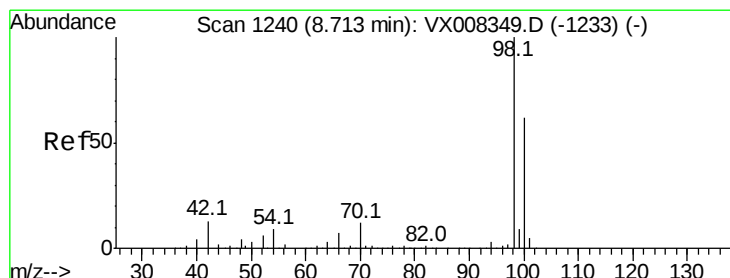
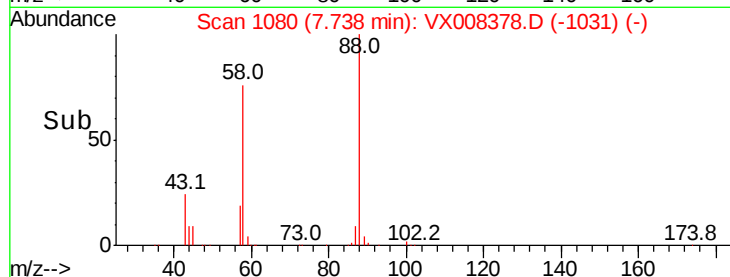
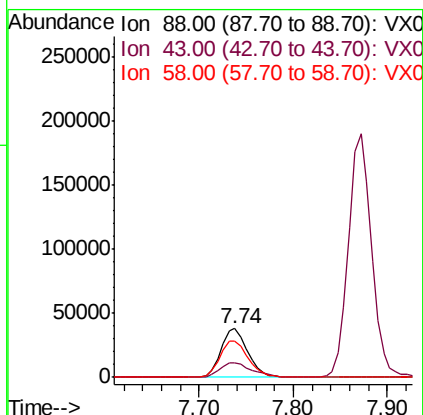
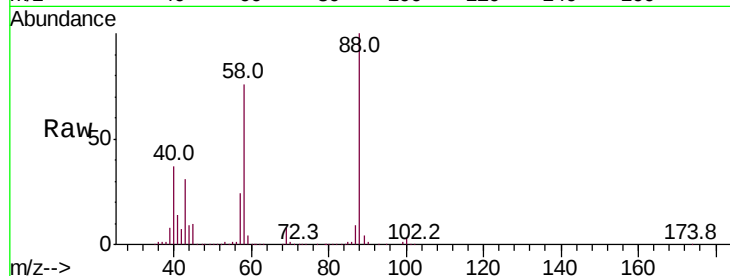


#49
 1,4-Dioxane
 Concen: 965.856 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 74964

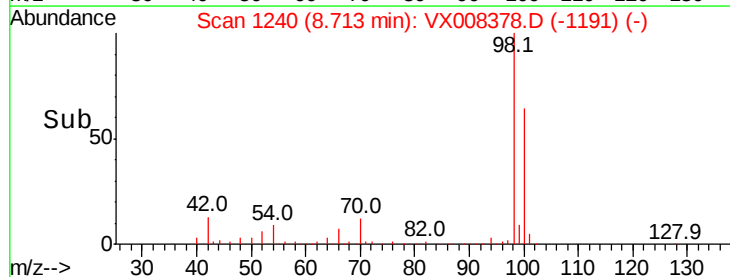
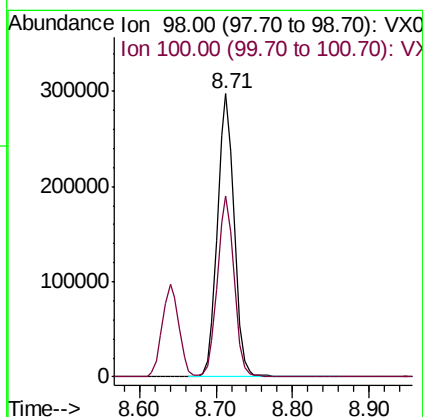
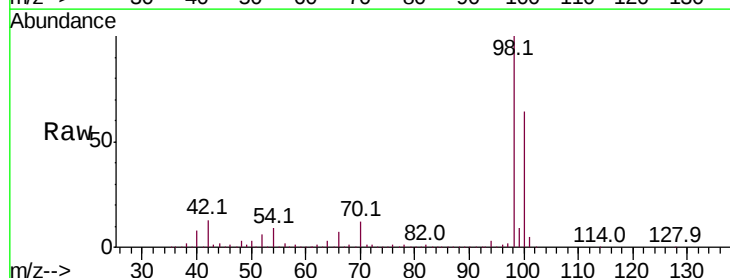
Ion	Ratio	Lower	Upper
88	100		
43	35.9	25.1	37.7
58	79.9	57.8	86.6

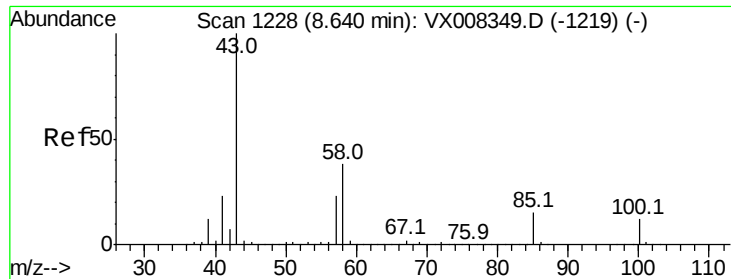


#50
 Toluene-d8
 Concen: 49.579 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

Tgt Ion: 98 Resp: 449773

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 241.870 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

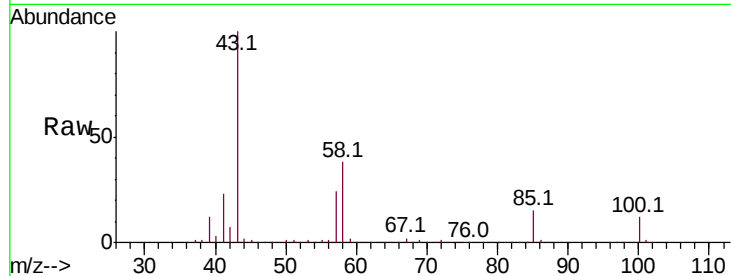
VSTDCCC050

Tot Ion: 43 Resp: 1209820

Ion Ratio Lower Upper

43 100

58 37.4 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

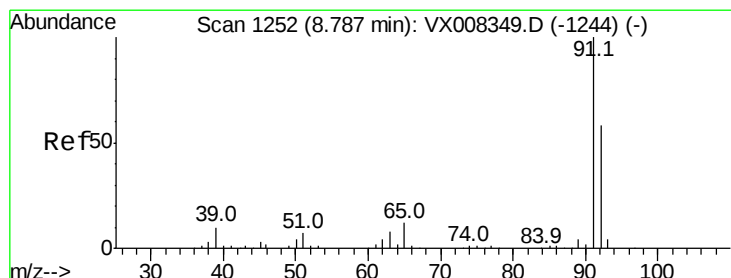
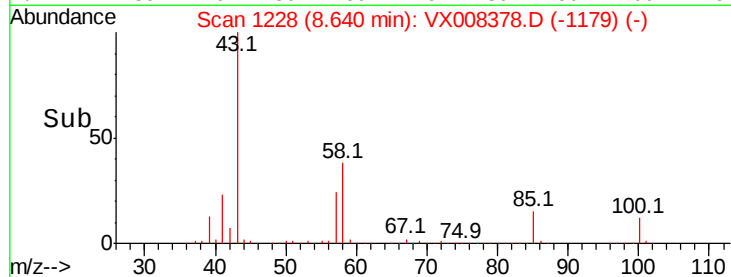
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.436 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008378.D

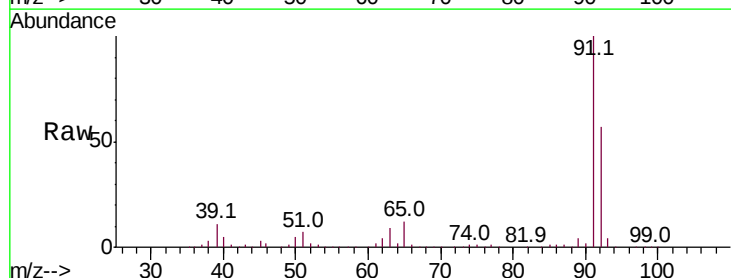
Acq: 24 Mar 2019 09:48

Tgt Ion: 92 Resp: 319351

Ion Ratio Lower Upper

92 100

91 174.0 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

400000

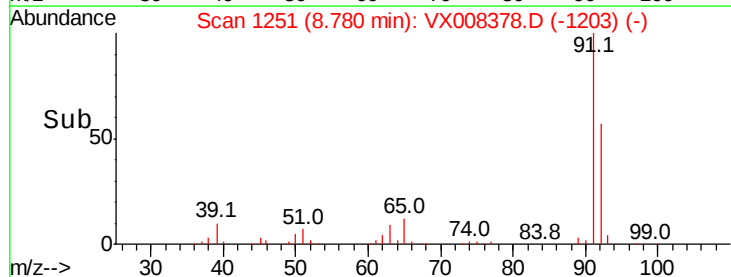
300000

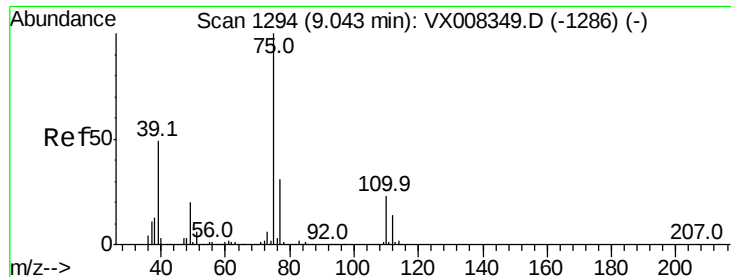
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.670 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

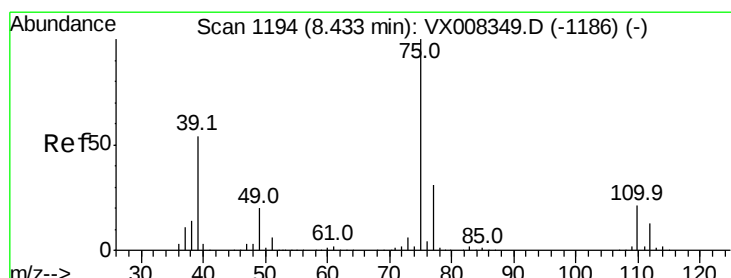
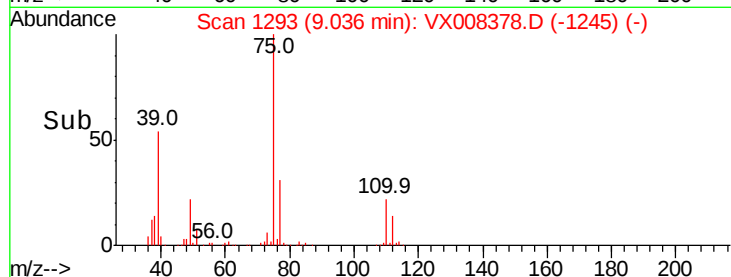
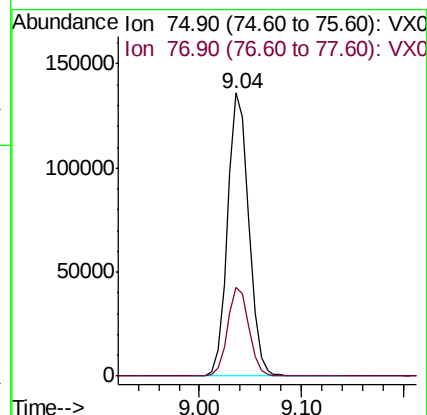
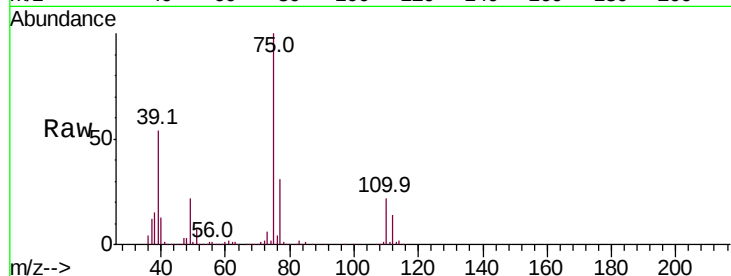
VSTDCCC050

Tot Ion: 75 Resp: 196122

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 51.099 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

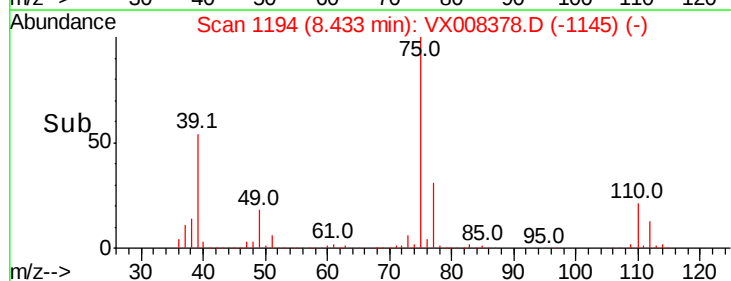
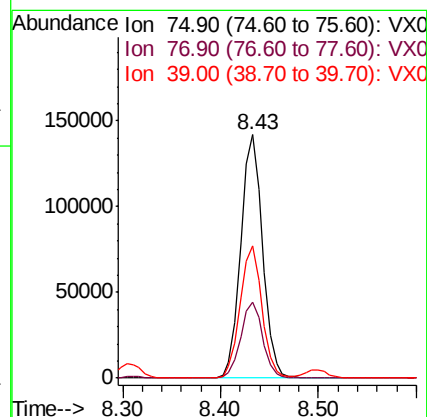
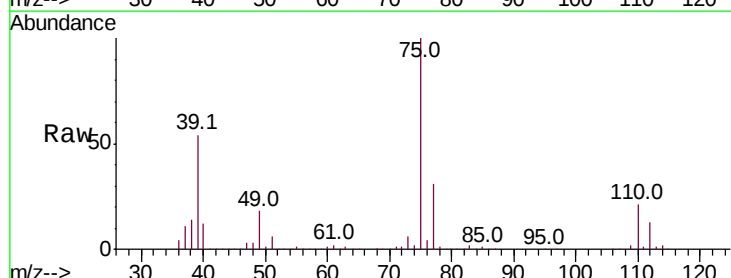
Tgt Ion: 75 Resp: 219902

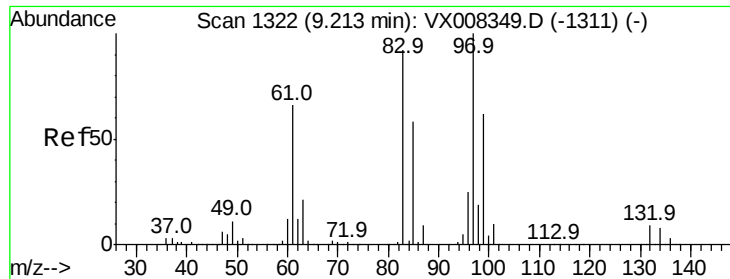
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 54.2 36.6 54.8



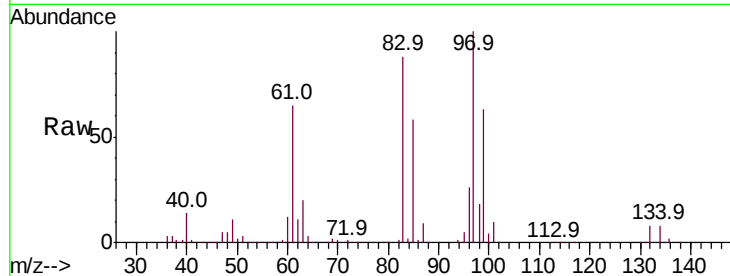


#55
 1,1,2-Trichloroethane
 Concen: 47.854 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

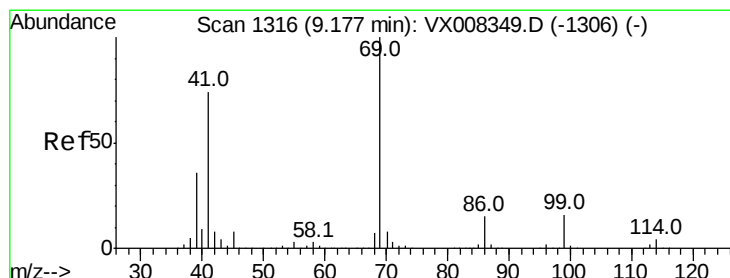
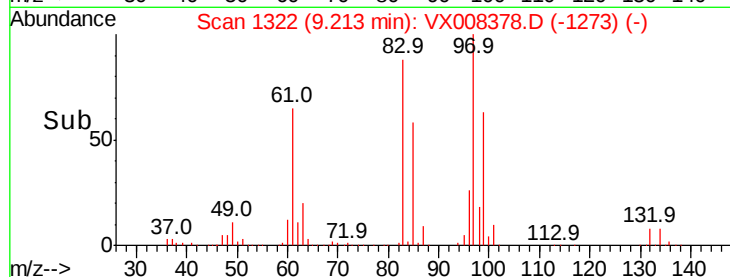
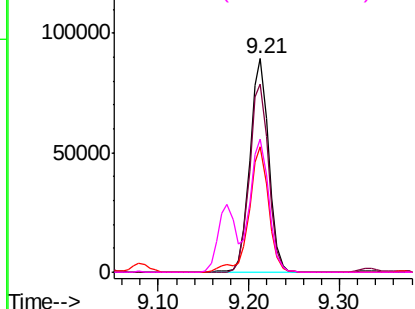
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 128405

Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.1	103.7
85	58.5	44.3	66.5
99	62.6	49.8	74.8



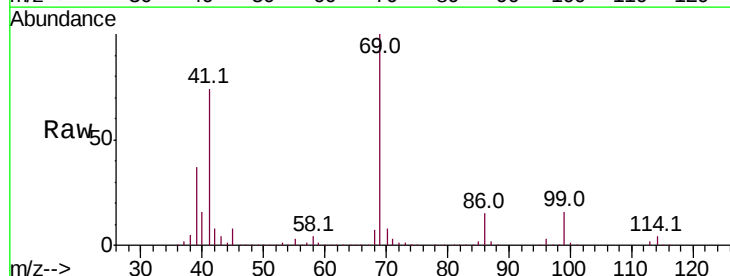
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



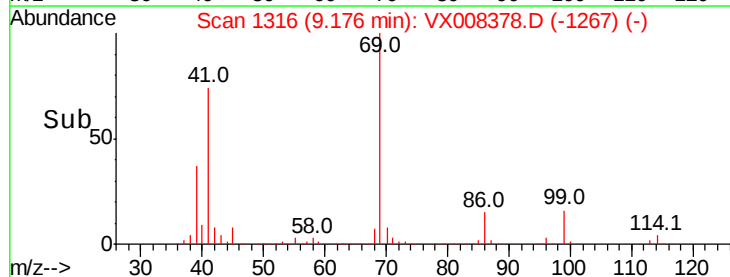
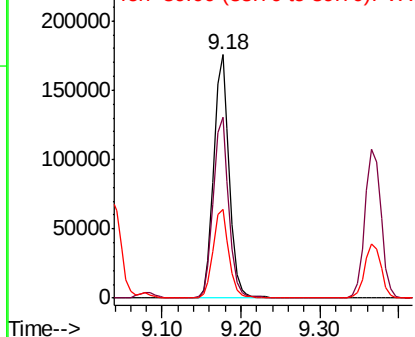
#56
 Ethyl methacrylate
 Concen: 50.478 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

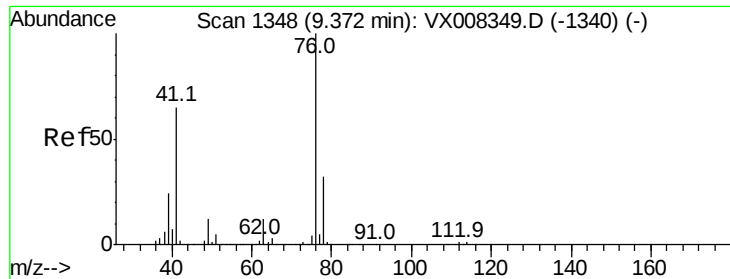
Tgt Ion: 69 Resp: 239786

Ion	Ratio	Lower	Upper
69	100		
41	74.0	54.2	81.4
39	36.9	25.0	37.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.940 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

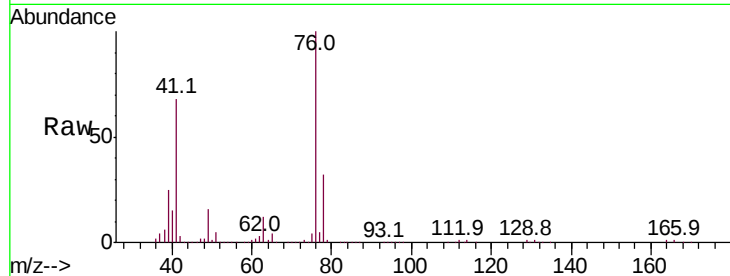
VSTDCCC050

Tot Ion: 76 Resp: 229161

Ion Ratio Lower Upper

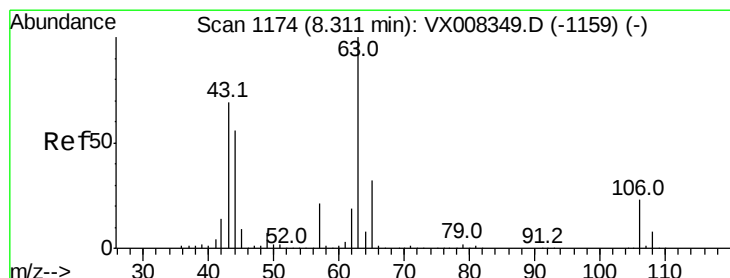
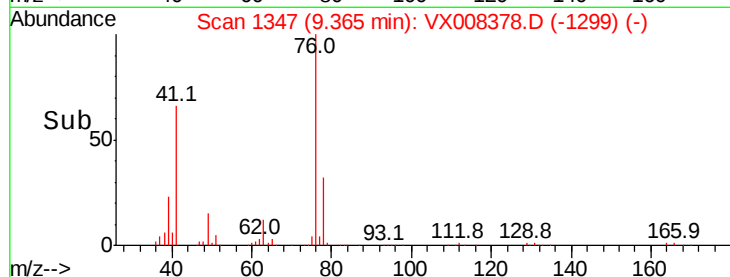
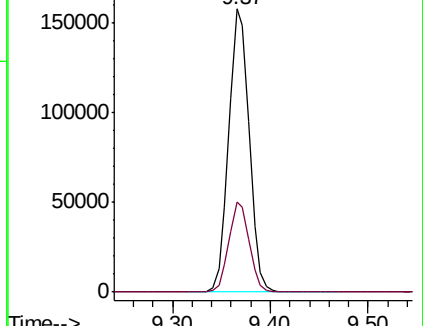
76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 247.452 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008378.D

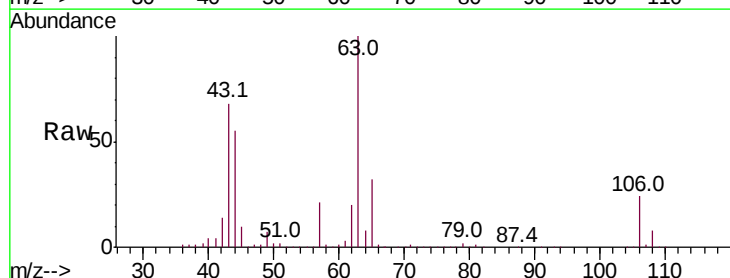
Acq: 24 Mar 2019 09:48

Tgt Ion: 63 Resp: 633784

Ion Ratio Lower Upper

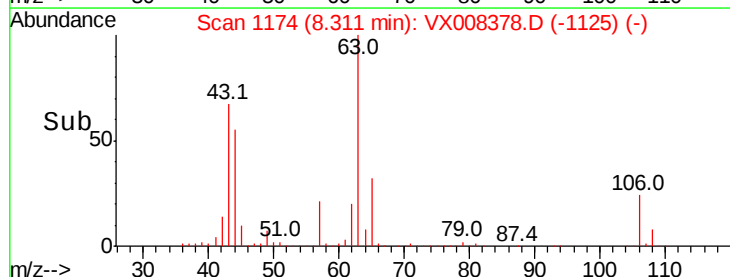
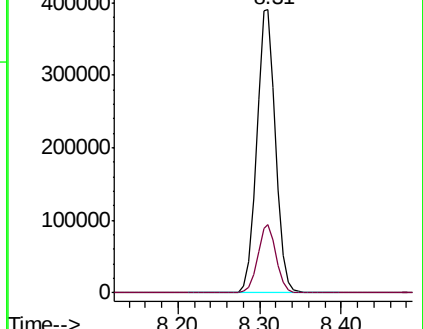
63 100

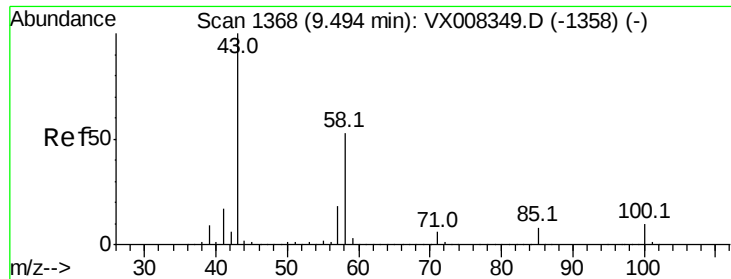
106 23.6 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

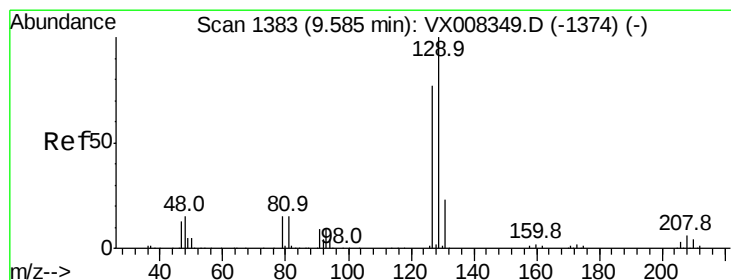
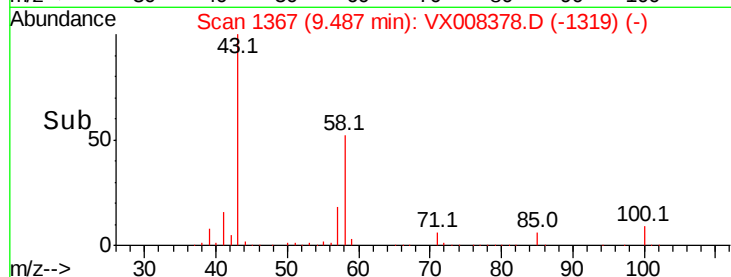
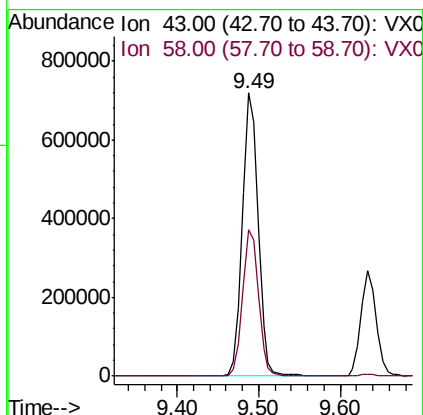
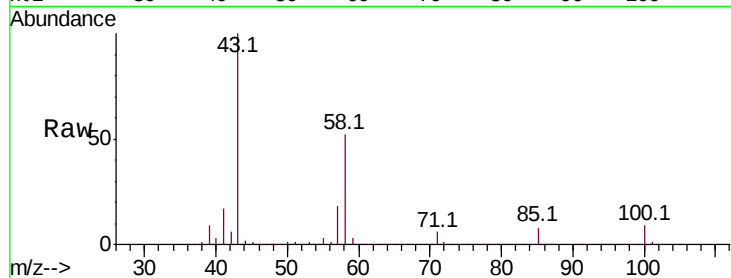




#59
2-Hexanone
Concen: 248.924 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

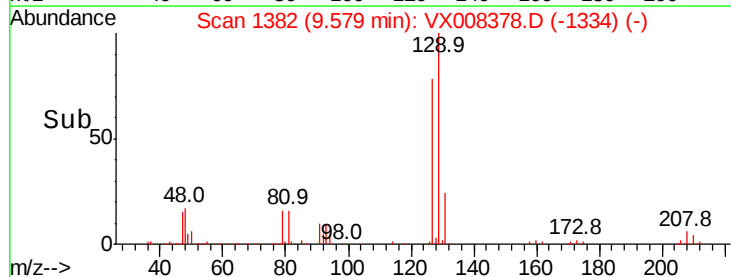
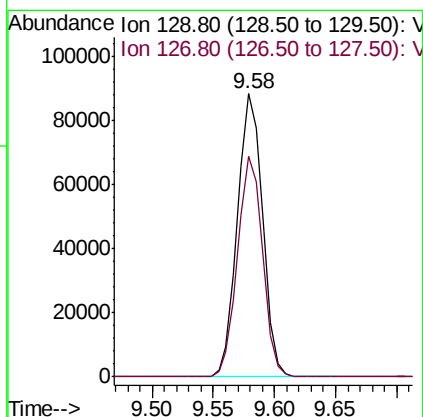
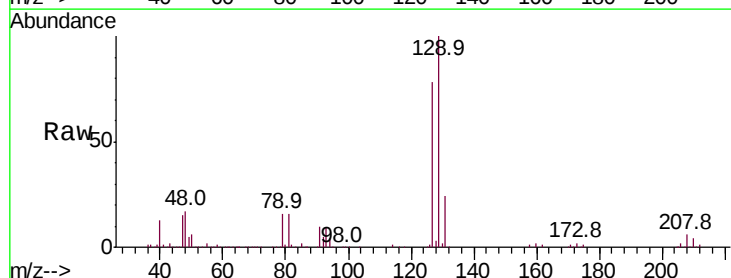
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

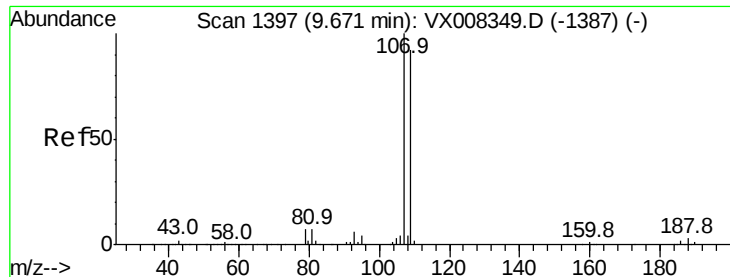
Tot Ion: 43 Resp: 955815
Ion Ratio Lower Upper
43 100
58 52.3 27.6 82.7



#60
Dibromochloromethane
Concen: 50.437 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion: 129 Resp: 125619
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 48.702 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

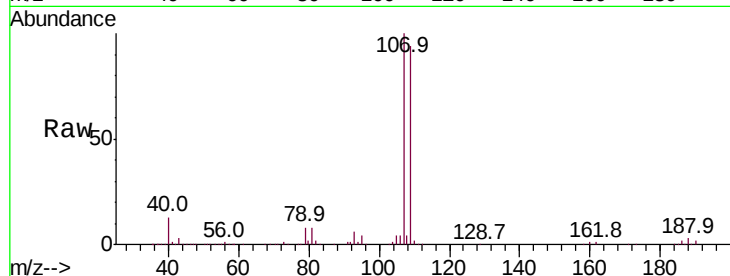
VSTDCCC050

Tot Ion:107 Resp: 132626

Ion Ratio Lower Upper

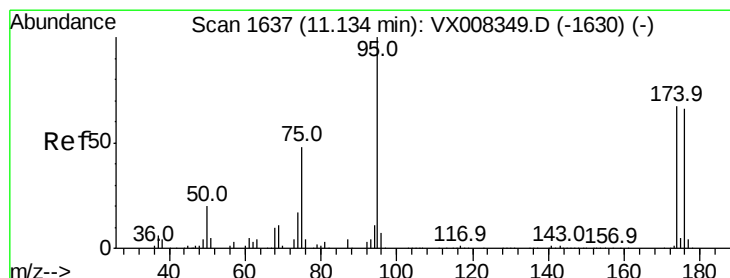
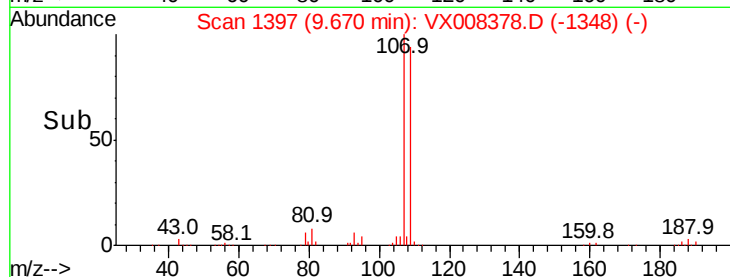
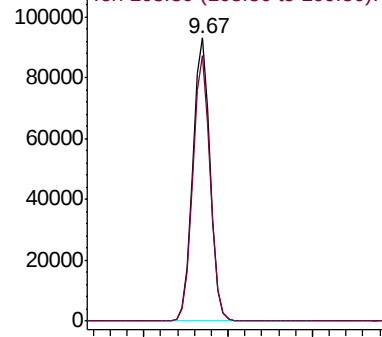
107 100

109 93.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.815 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

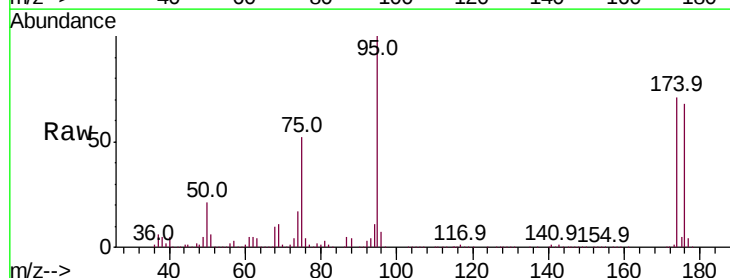
Tgt Ion: 95 Resp: 169254

Ion Ratio Lower Upper

95 100

174 73.5 0.0 182.8

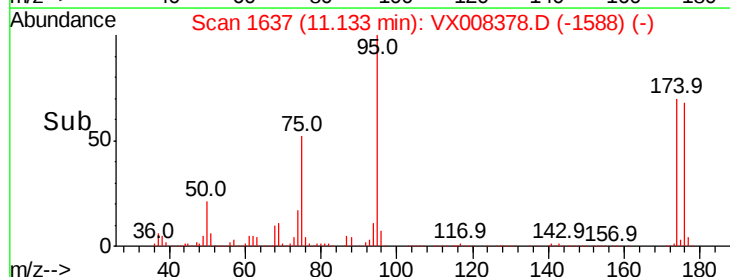
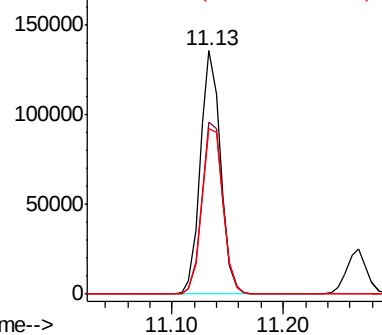
176 71.6 0.0 178.0

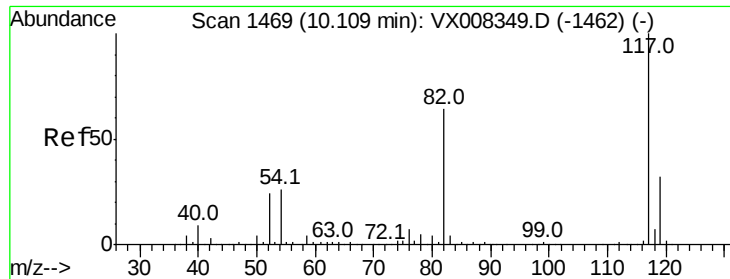


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

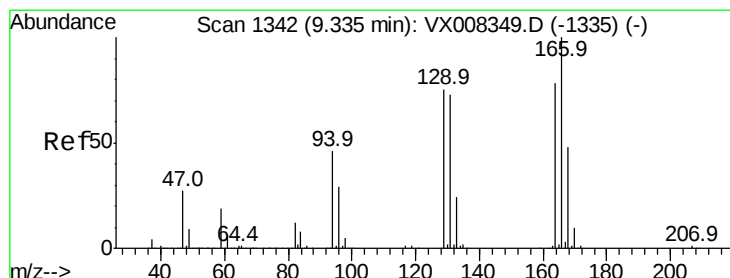
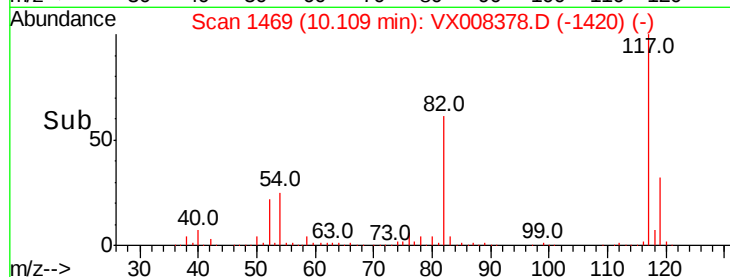
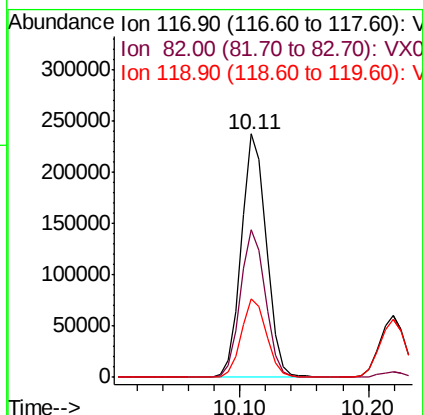
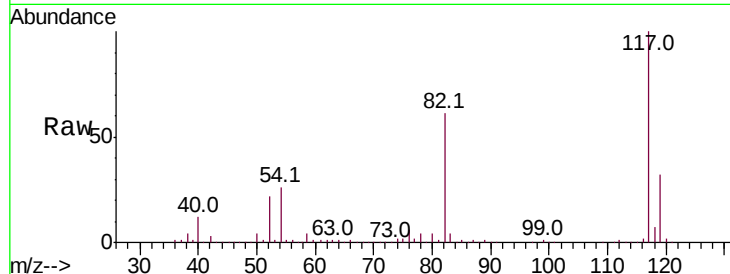




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

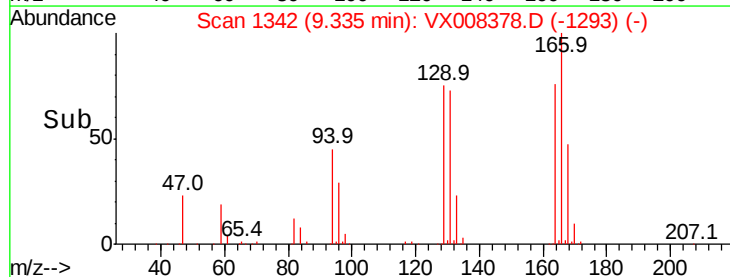
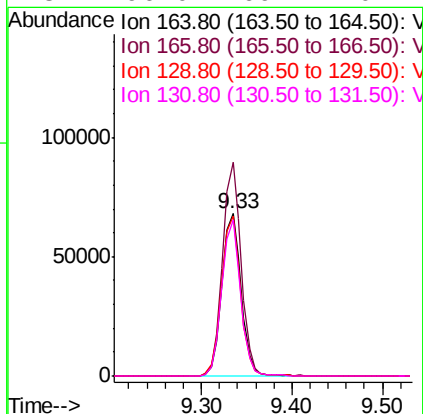
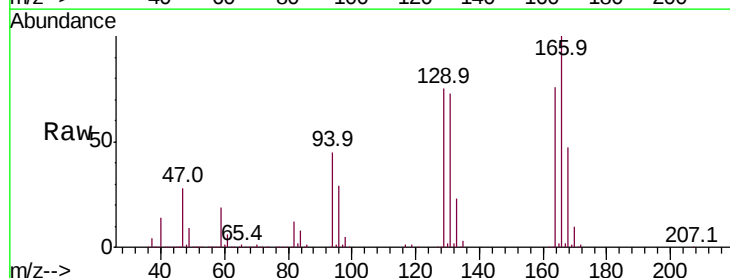
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

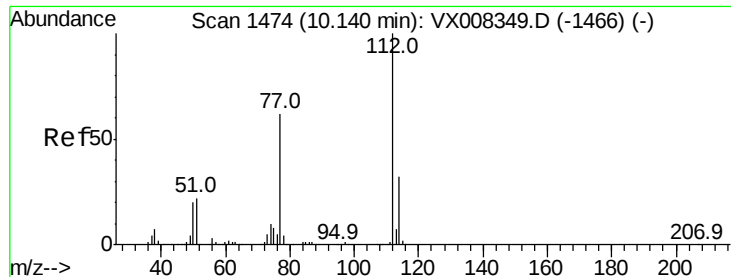
Tot Ion:117 Resp: 318260
Ion Ratio Lower Upper
117 100
82 60.9 44.3 66.5
119 32.0 25.3 37.9



#64
Tetrachloroethene
Concen: 48.372 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion:164 Resp: 100673
Ion Ratio Lower Upper
164 100
166 131.7 103.4 155.0
129 98.3 72.2 108.4
131 96.0 69.4 104.2





#65

Chlorobenzene

Concen: 48.652 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

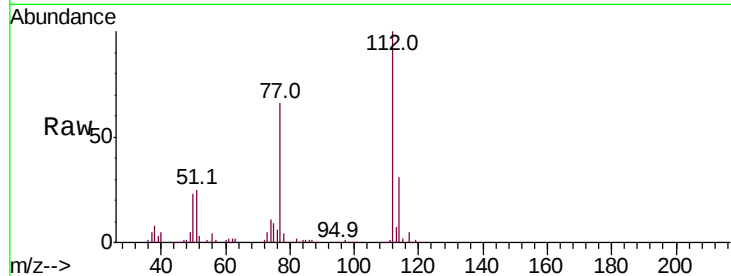
VSTDCCC050

Tot Ion:112 Resp: 324732

Ion Ratio Lower Upper

112 100

114 30.8 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

250000

200000

150000

100000

50000

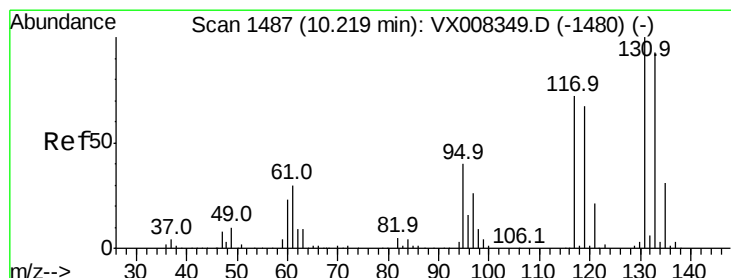
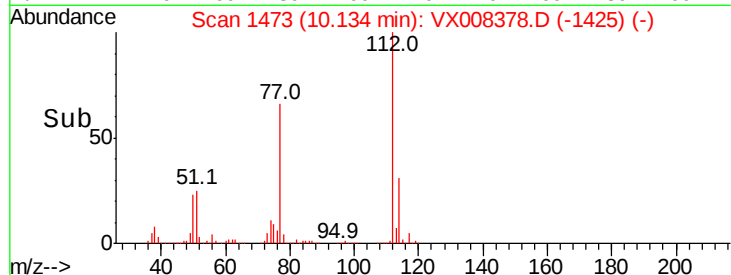
0

10.13

10.20

10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.995 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

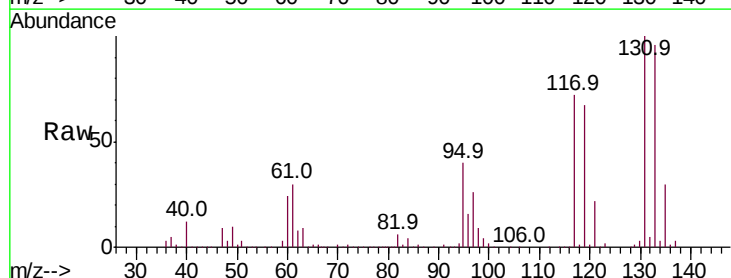
Tgt Ion:131 Resp: 113409

Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.3

119 68.2 32.5 97.5



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

100000

80000

60000

40000

20000

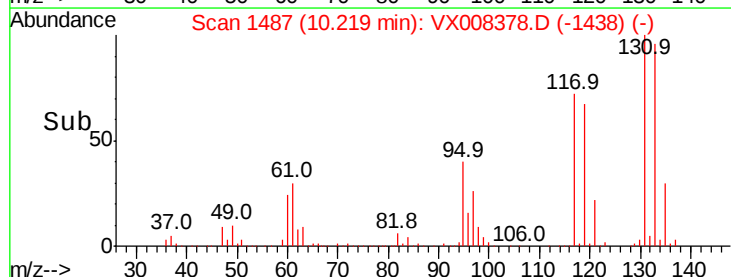
0

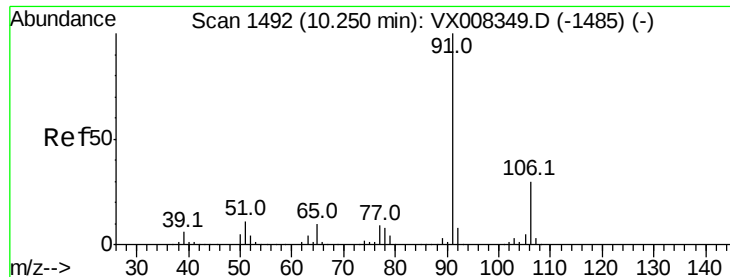
10.22

10.20

10.30

Time-->





#67

Ethyl Benzene

Concen: 50.083 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

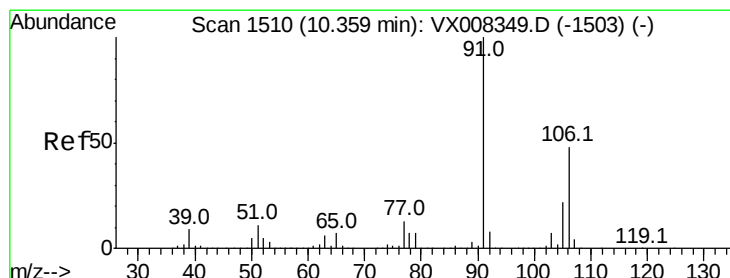
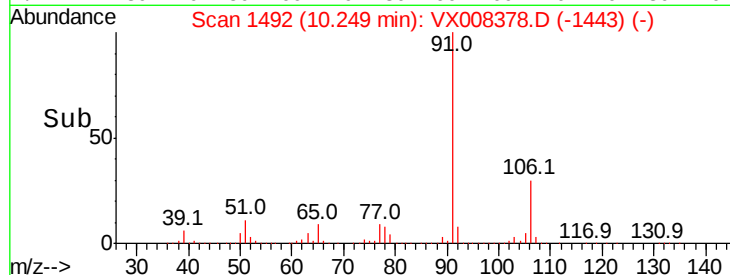
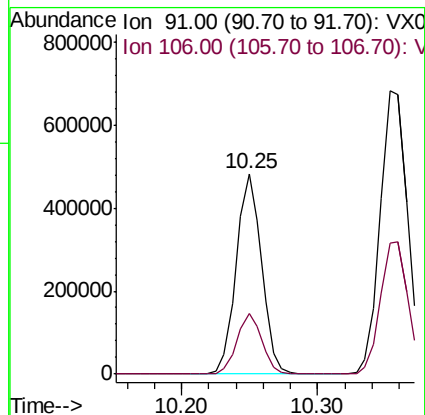
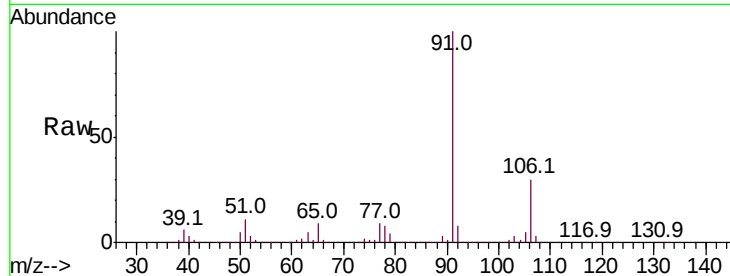
VSTDCCC050

Tot Ion: 91 Resp: 625940

Ion Ratio Lower Upper

91 100

106 30.0 25.2 37.8



#68

m/p-Xylenes

Concen: 100.624 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008378.D

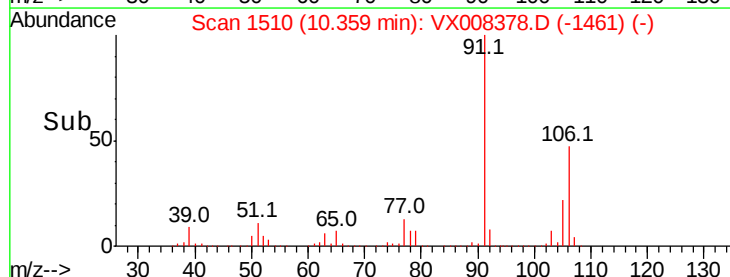
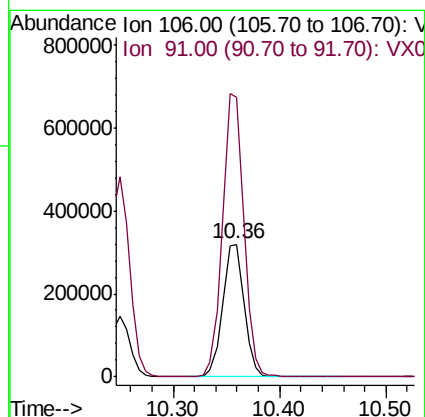
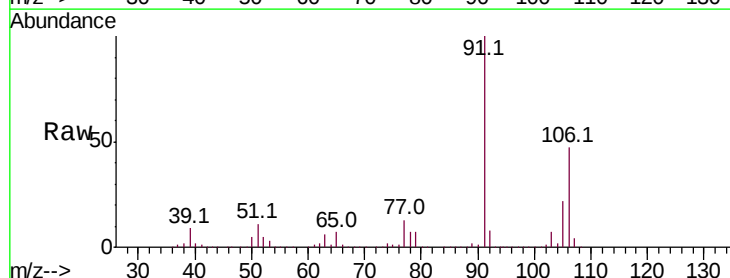
Acq: 24 Mar 2019 09:48

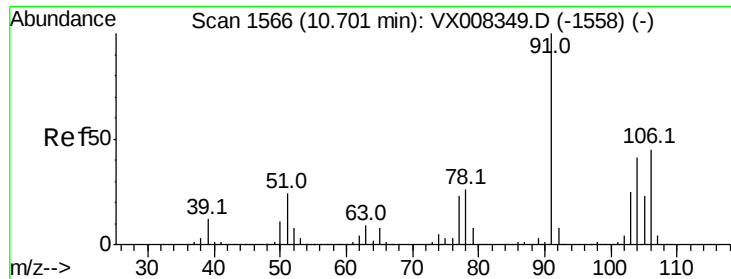
Tgt Ion: 106 Resp: 451855

Ion Ratio Lower Upper

106 100

91 212.6 159.8 239.6

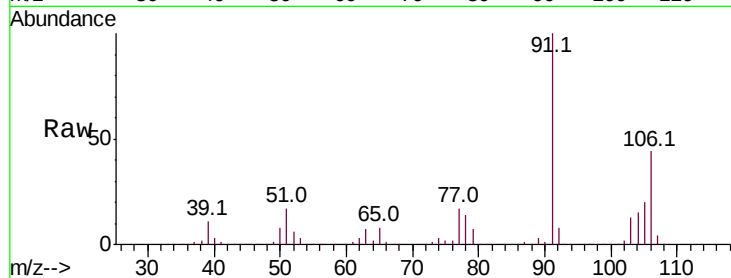




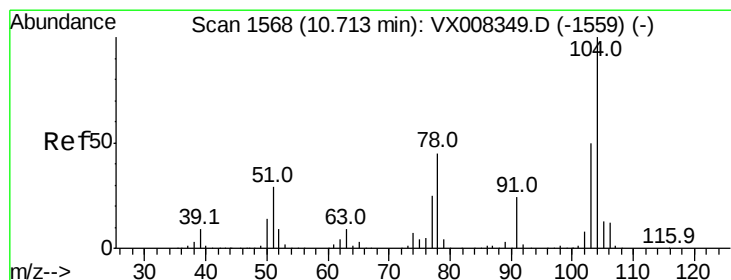
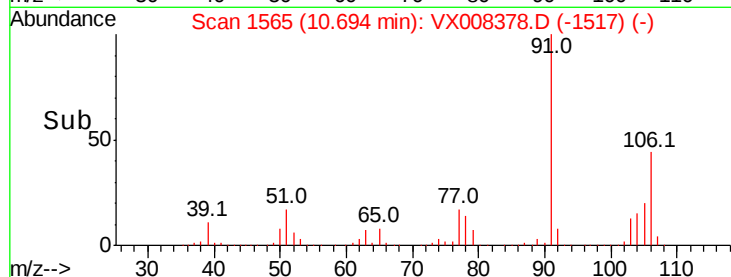
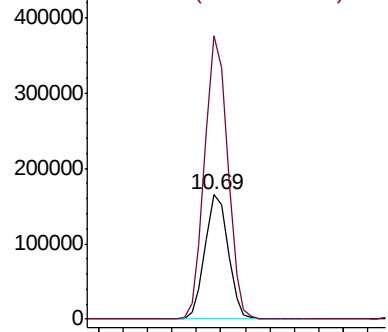
#69
o-Xylene
Concen: 49.514 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 217414
Ion Ratio Lower Upper
106 100
91 225.1 106.3 318.9

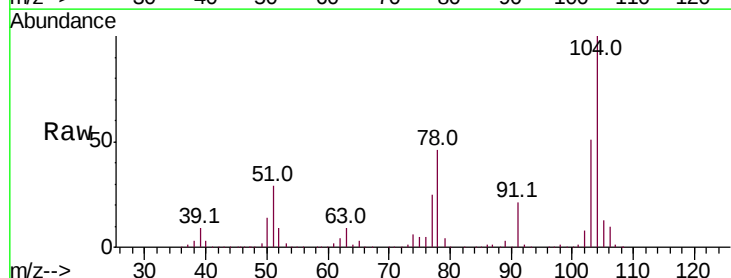


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

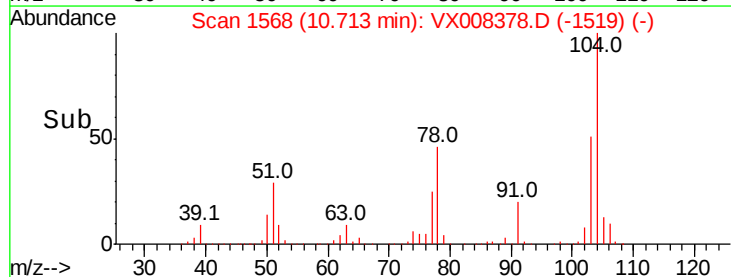
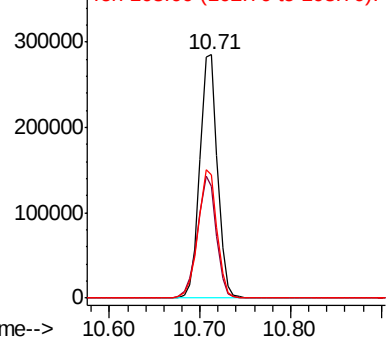


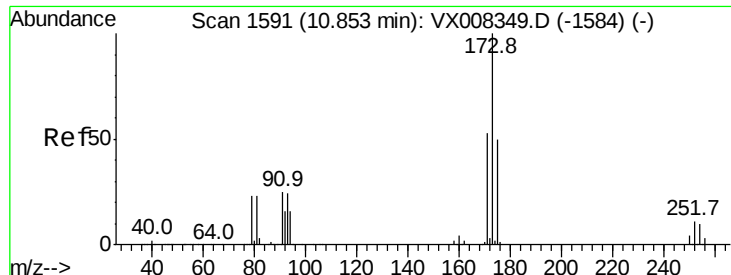
#70
Styrene
Concen: 50.708 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion:104 Resp: 386150
Ion Ratio Lower Upper
104 100
78 53.3 38.5 57.7
103 56.1 44.1 66.1



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

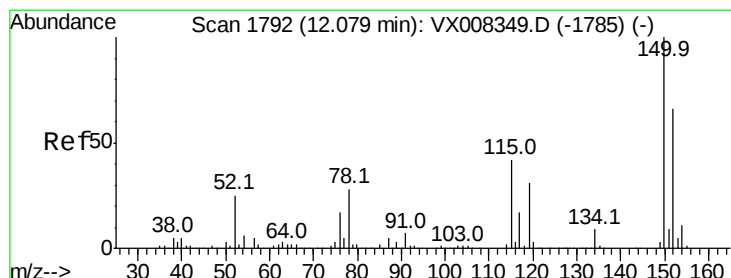
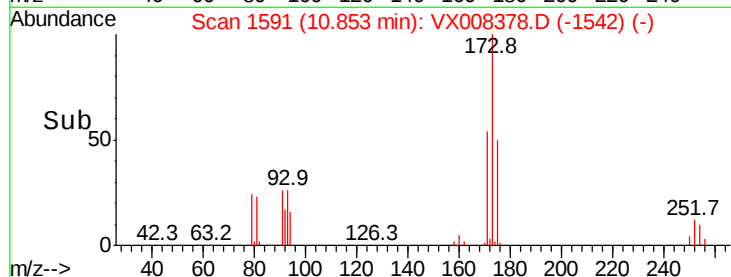
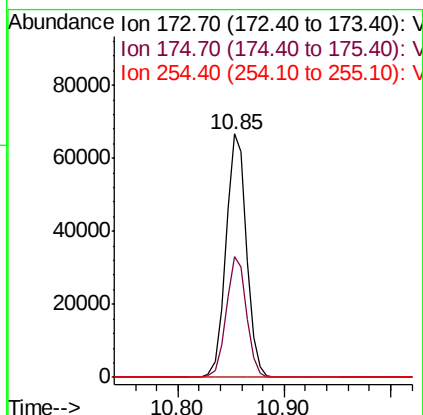
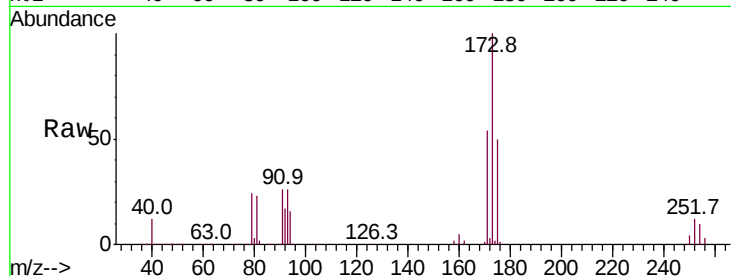




#71
Bromoform
Concen: 50.458 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

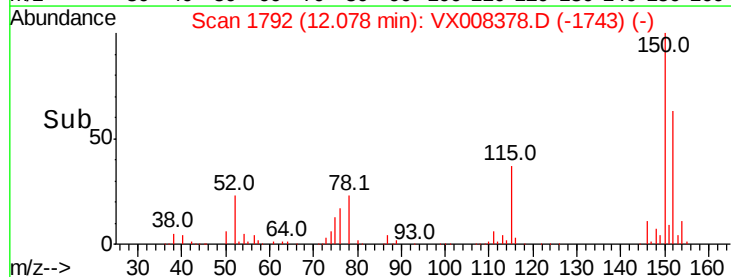
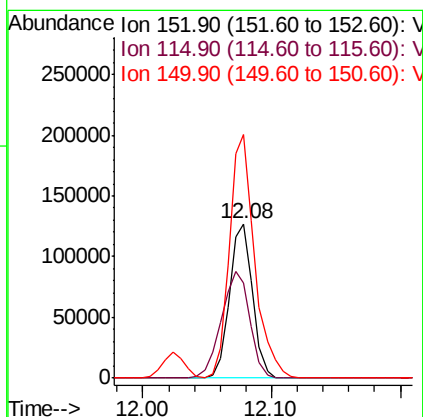
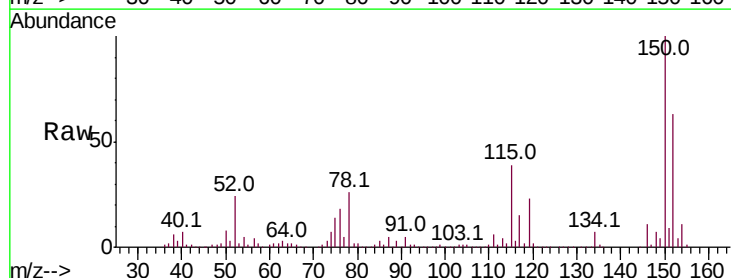
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

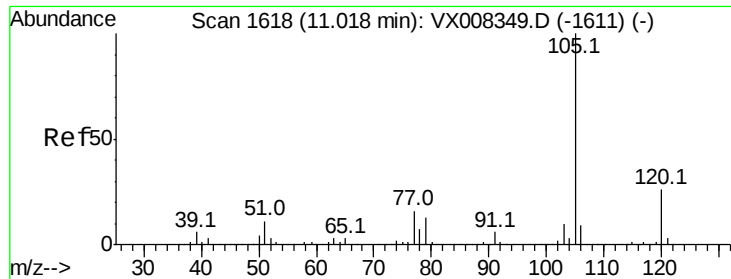
Tot Ion:173 Resp: 89970
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.9
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion:152 Resp: 158143
Ion Ratio Lower Upper
152 100
115 86.3 38.6 115.7
150 172.5 0.0 348.4

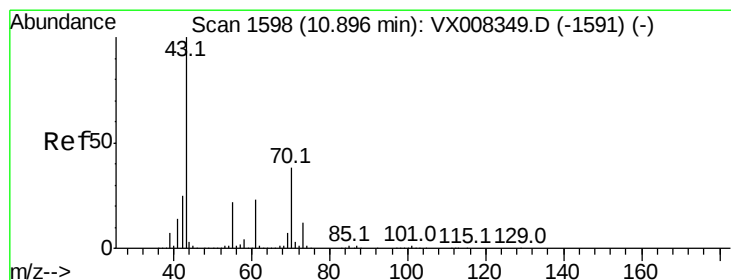
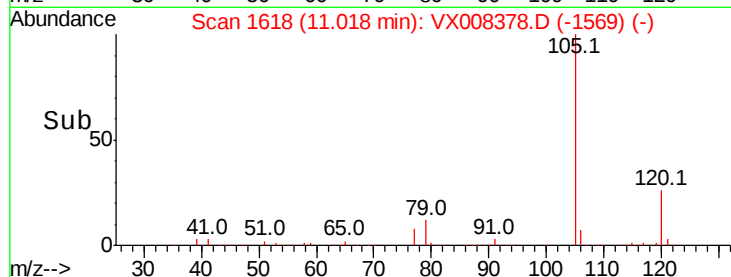
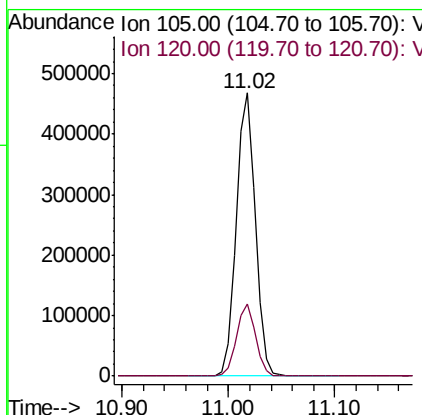
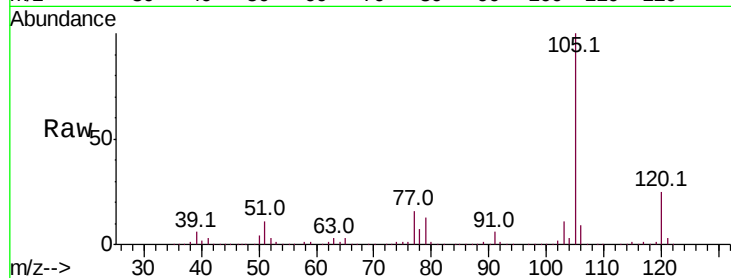




#73
Isopropylbenzene
Concen: 47.120 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

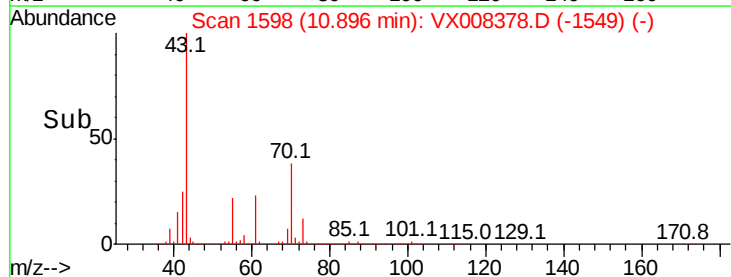
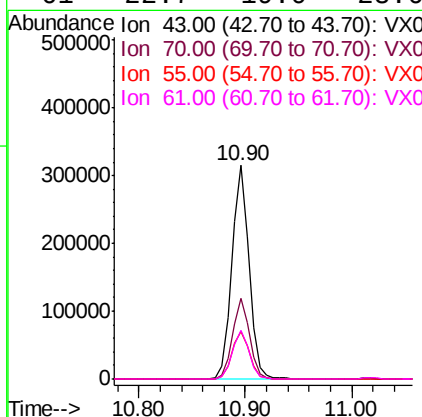
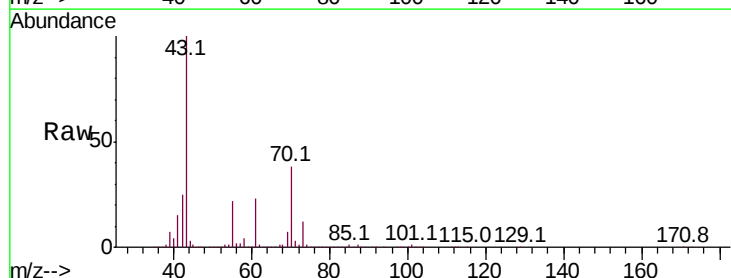
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

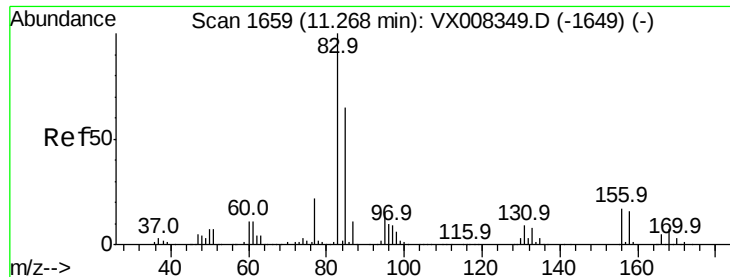
Tot Ion:105 Resp: 588076
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1



#74
N-ethyl acetate
Concen: 48.784 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion: 43 Resp: 356463
Ion Ratio Lower Upper
43 100
70 37.9 33.5 50.3
55 22.9 19.2 28.8
61 22.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.003 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

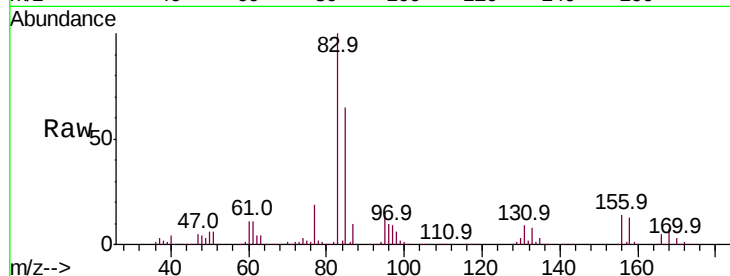
Tot Ion: 83 Resp: 223716

Ion Ratio Lower Upper

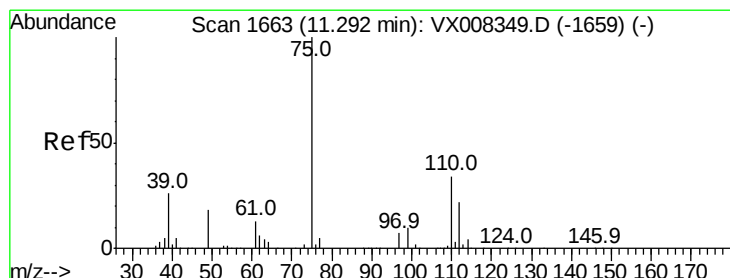
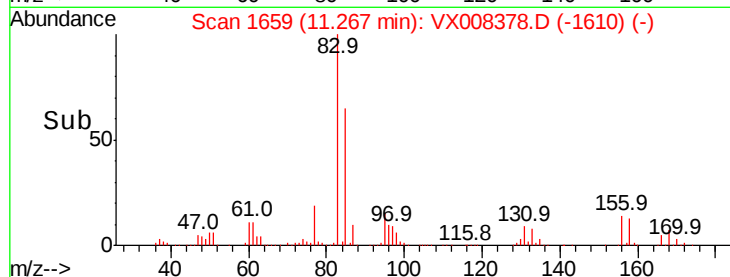
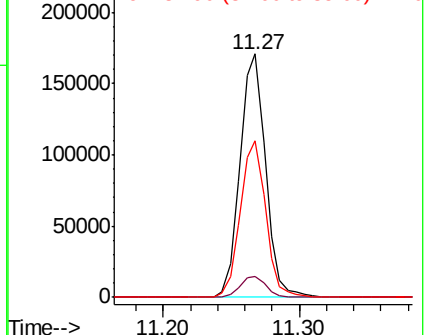
83 100

131 8.8 5.4 16.2

85 64.4 32.3 96.8



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



#76

1,2,3-Trichloropropane

Concen: 61.582 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008378.D

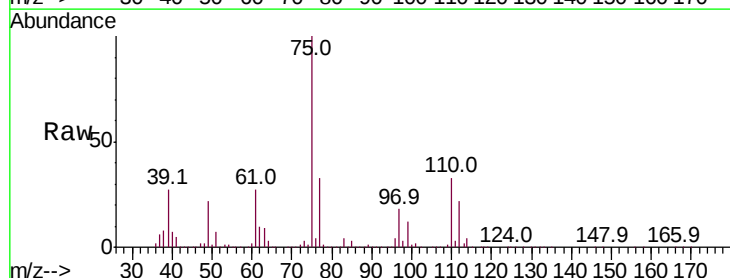
Acq: 24 Mar 2019 09:48

Tgt Ion: 75 Resp: 254910

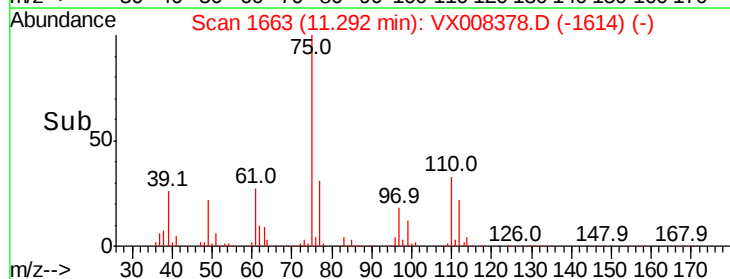
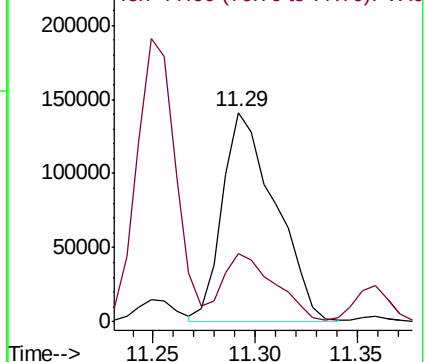
Ion Ratio Lower Upper

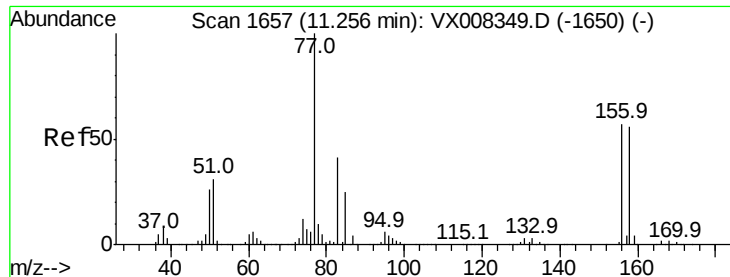
75 100

77 32.3 18.9 56.7



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





#77

Bromobenzene

Concen: 46.006 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

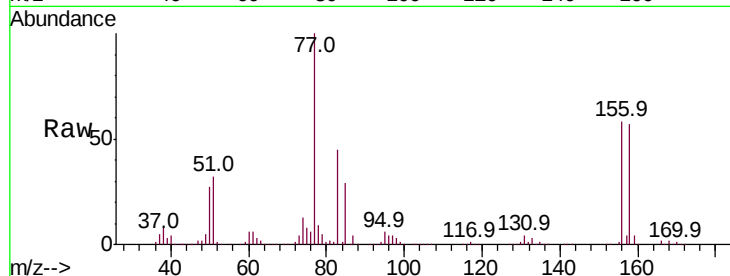
Tot Ion:156 Resp: 135857

Ion Ratio Lower Upper

156 100

77 184.8 72.0 215.9

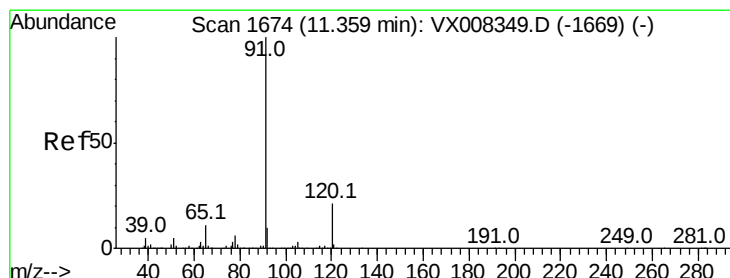
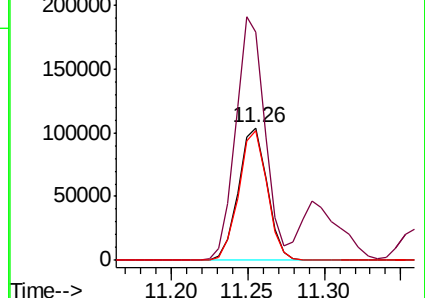
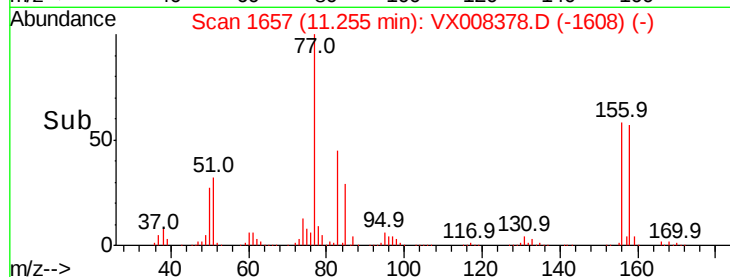
158 96.6 48.6 145.9



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: 48.692 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008378.D

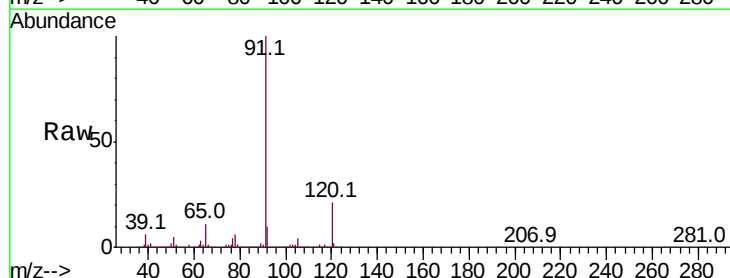
Acq: 24 Mar 2019 09:48

Tgt Ion: 91 Resp: 712245

Ion Ratio Lower Upper

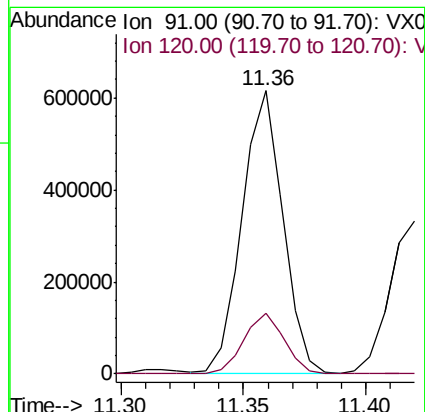
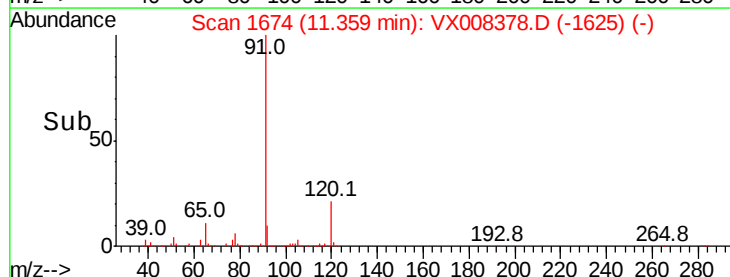
91 100

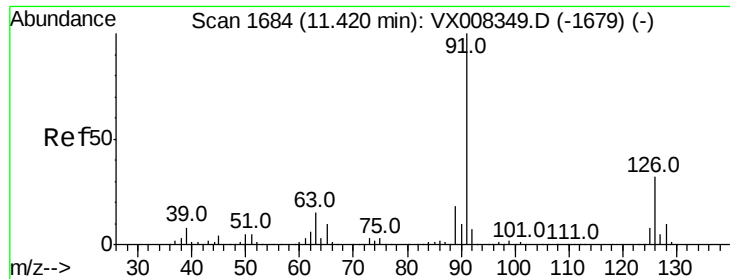
120 21.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

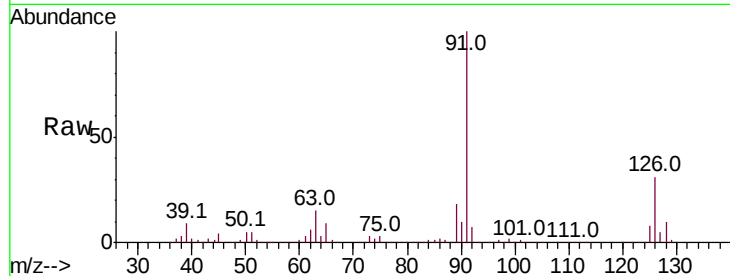




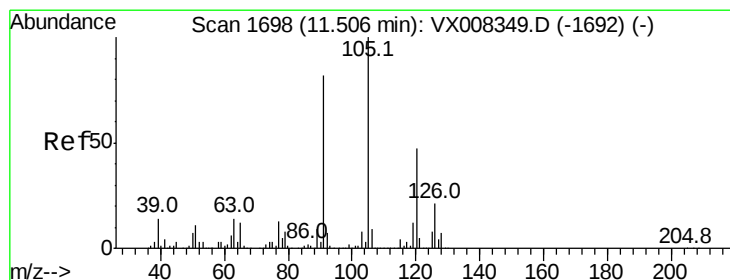
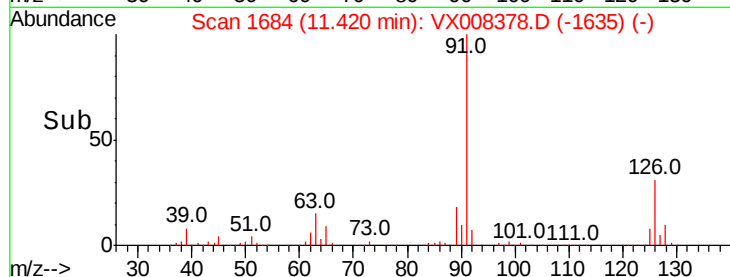
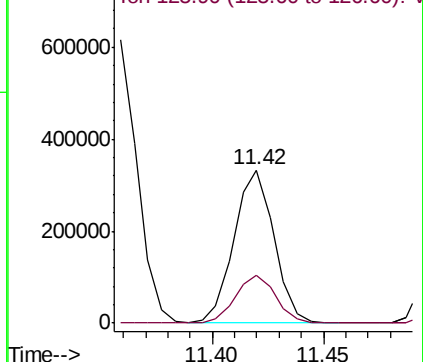
#79
2-Chlorotoluene
Concen: 46.675 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 415890
Ion Ratio Lower Upper
91 100
126 31.6 17.5 52.6

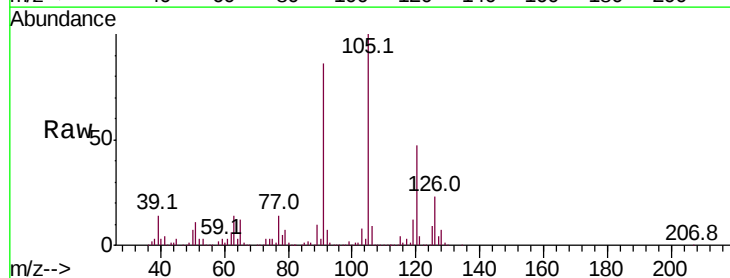


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

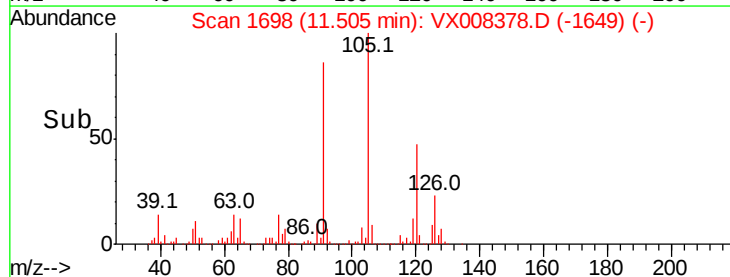
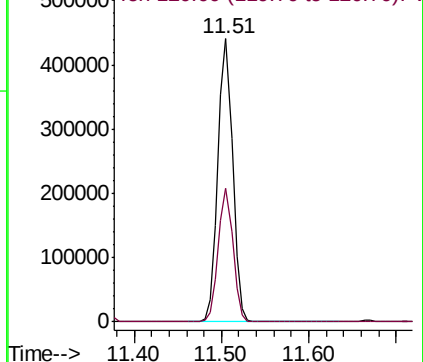


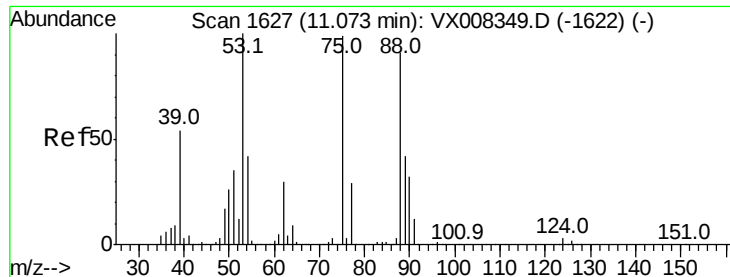
#80
1,3,5-Trimethylbenzene
Concen: 48.213 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion:105 Resp: 511867
Ion Ratio Lower Upper
105 100
120 46.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 48.909 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

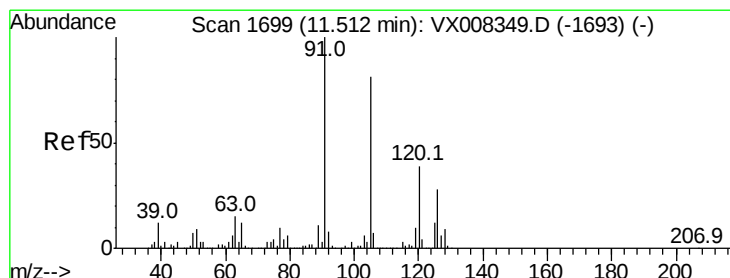
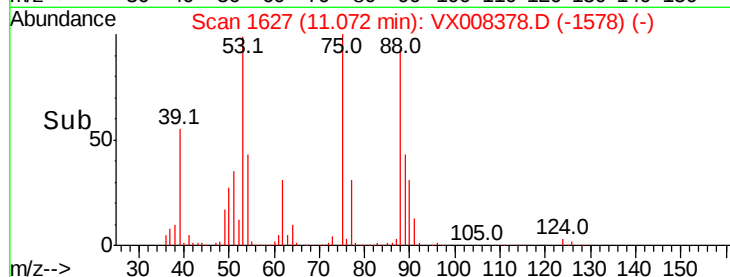
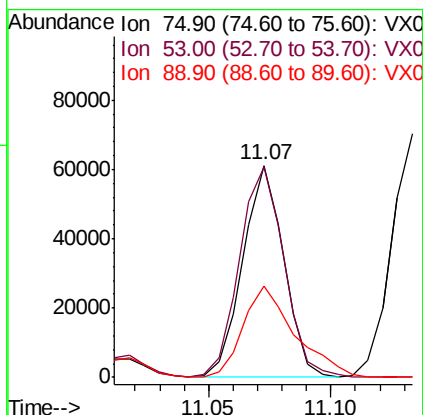
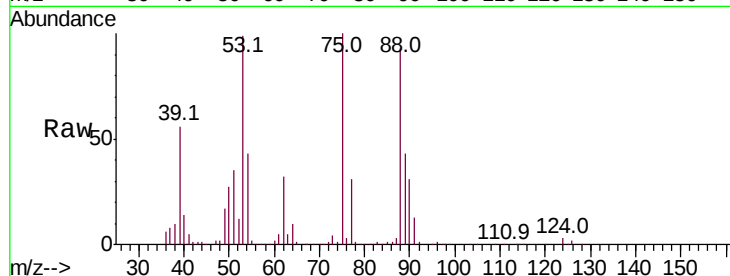
Tot Ion: 75 Resp: 71043

Ion Ratio Lower Upper

75 100

53 108.0 76.1 114.1

89 55.0 36.3 54.5#



#82

4-Chlorotoluene

Concen: 47.540 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008378.D

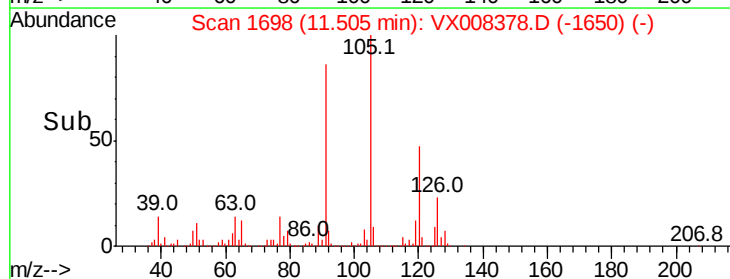
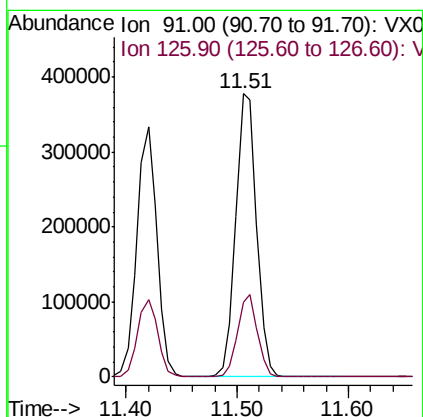
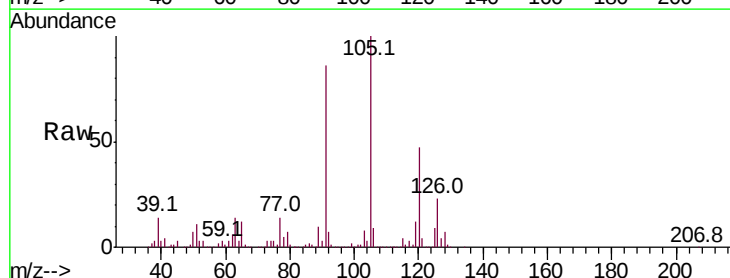
Acq: 24 Mar 2019 09:48

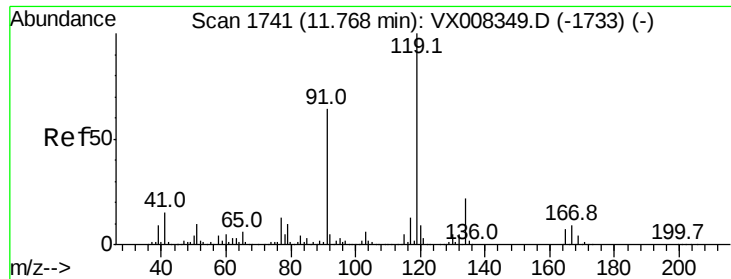
Tgt Ion: 91 Resp: 488082

Ion Ratio Lower Upper

91 100

126 27.7 15.6 46.8





#83

tert-Butylbenzene

Concen: 47.586 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

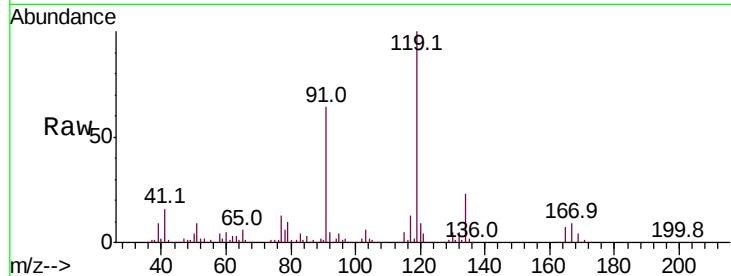
Tot Ion:119 Resp: 481092

Ion Ratio Lower Upper

119 100

91 60.8 27.1 81.3

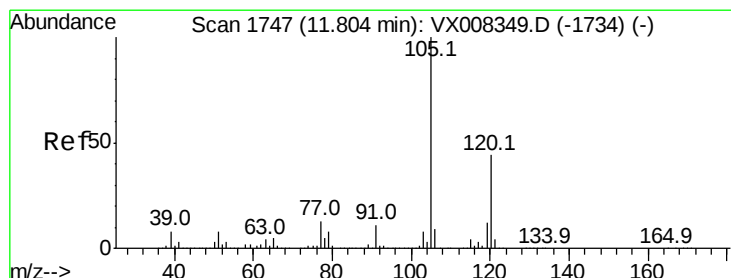
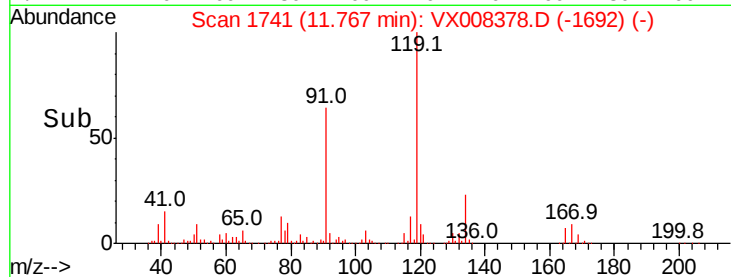
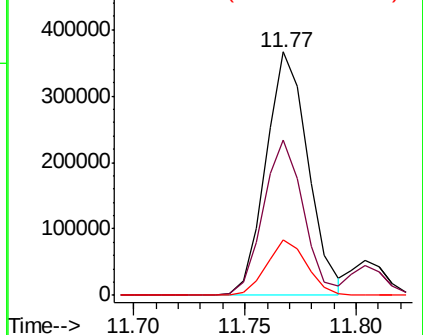
134 21.9 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.474 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008378.D

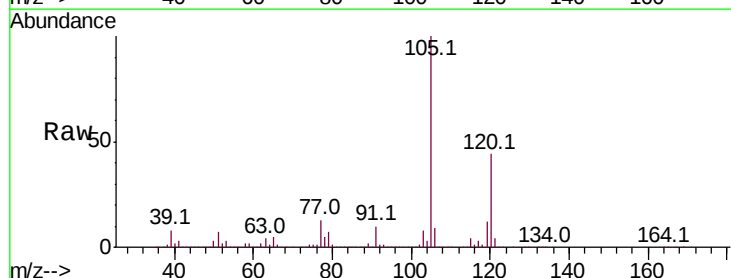
Acq: 24 Mar 2019 09:48

Tgt Ion:105 Resp: 513581

Ion Ratio Lower Upper

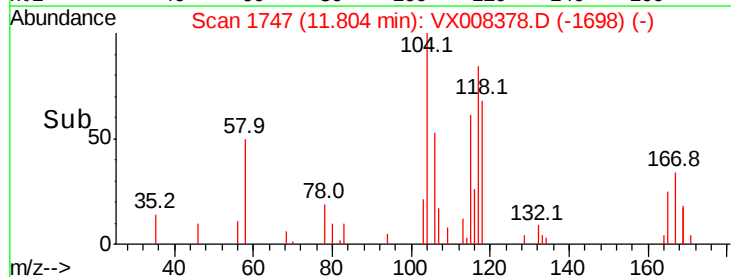
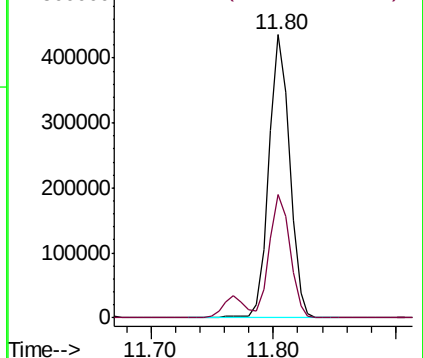
105 100

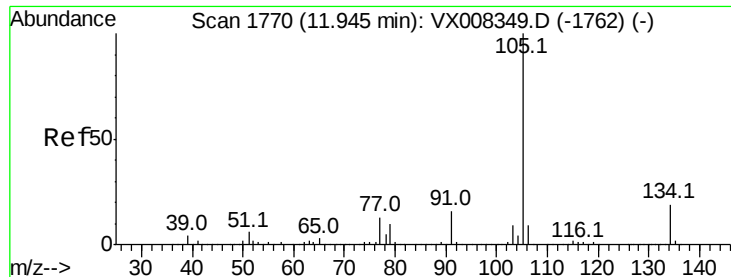
120 43.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.089 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampled :

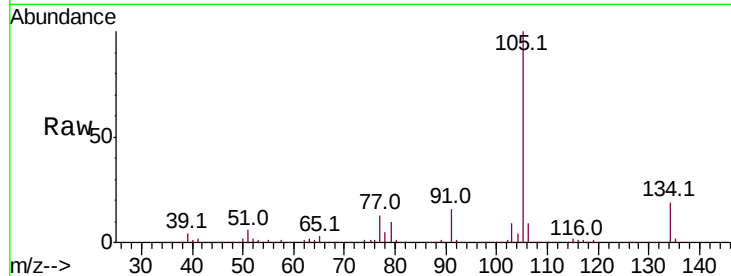
VSTDCCC050

Tot Ion:105 Resp: 594805

Ion Ratio Lower Upper

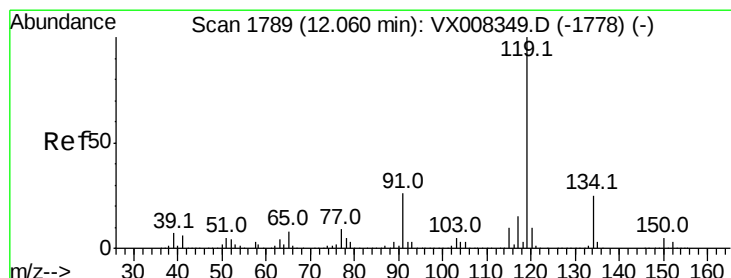
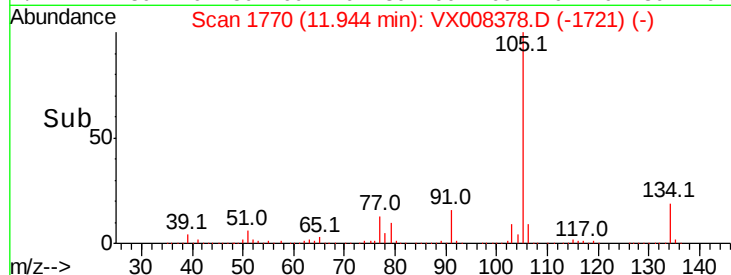
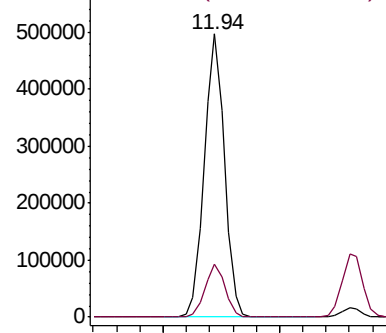
105 100

134 18.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.348 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

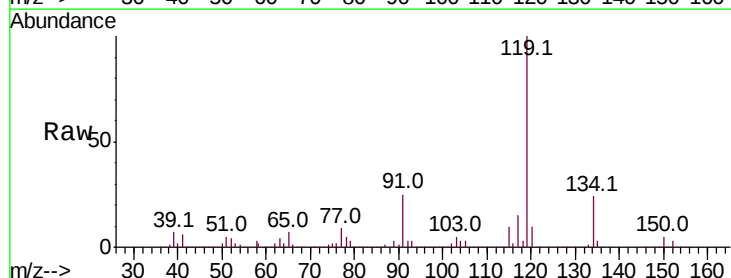
Tgt Ion:119 Resp: 537716

Ion Ratio Lower Upper

119 100

134 25.2 13.3 39.9

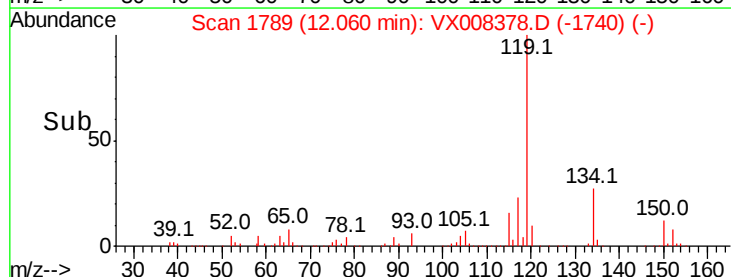
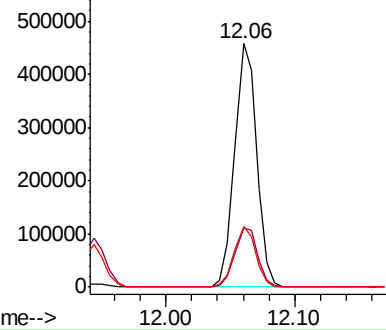
91 24.5 10.9 32.7

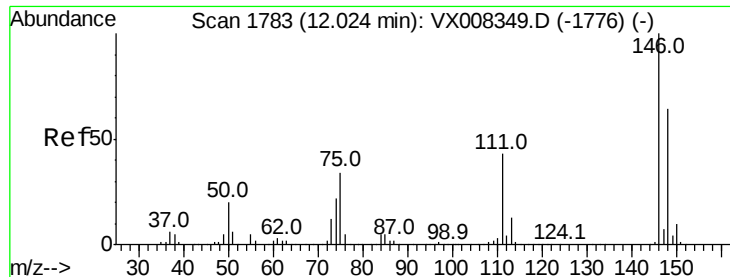


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

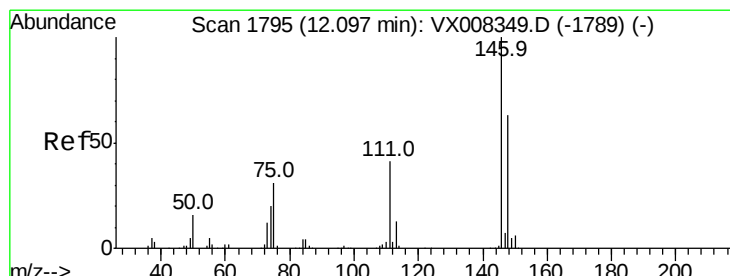
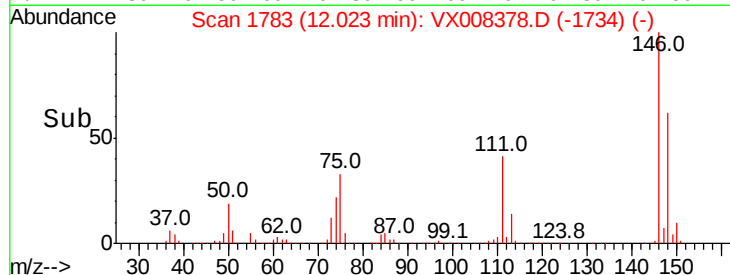
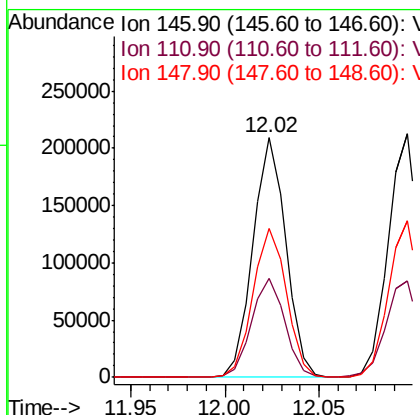
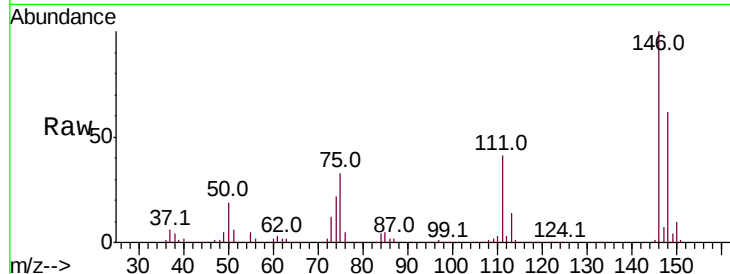




#87
 1,3-Dichlorobenzene
 Concen: 47.759 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

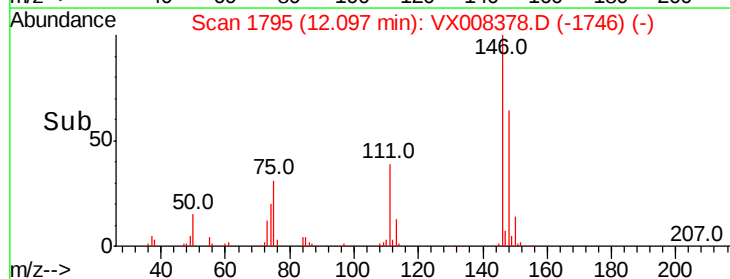
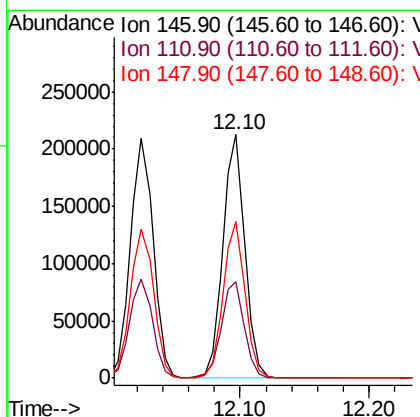
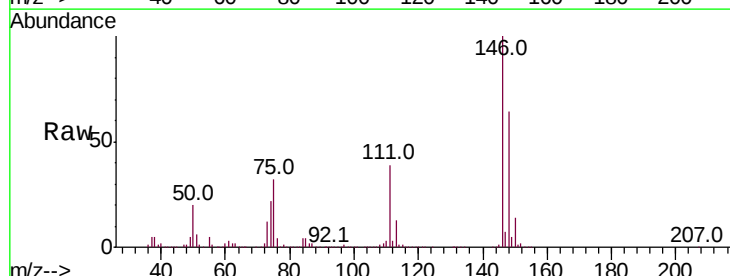
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

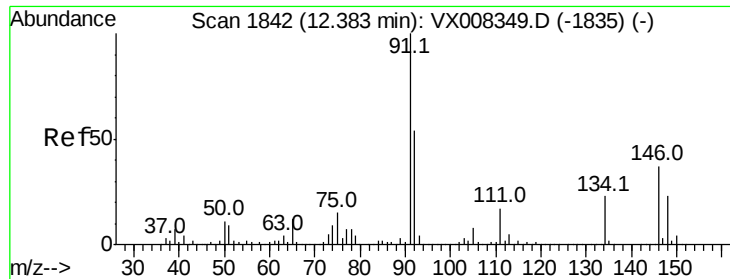
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.9	56.7
148	63.4	31.7	95.1



#88
 1,4-Dichlorobenzene
 Concen: 47.292 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	18.4	55.0
148	64.1	32.2	96.6

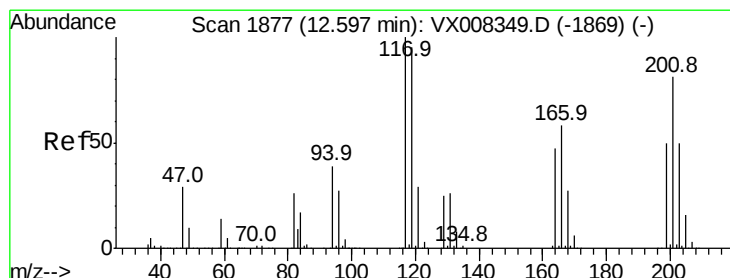
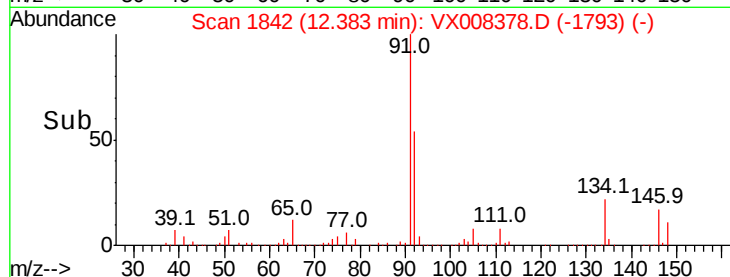
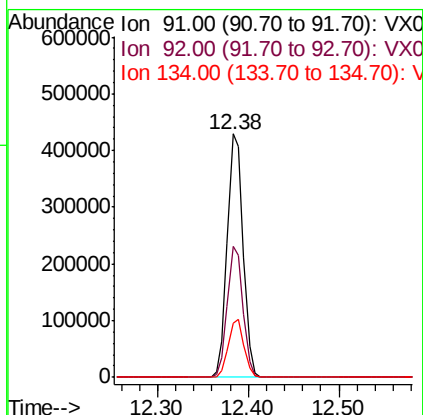
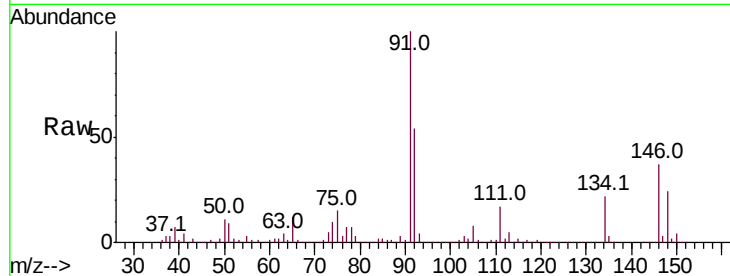




#89
n-Butylbenzene
Concen: 51.085 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

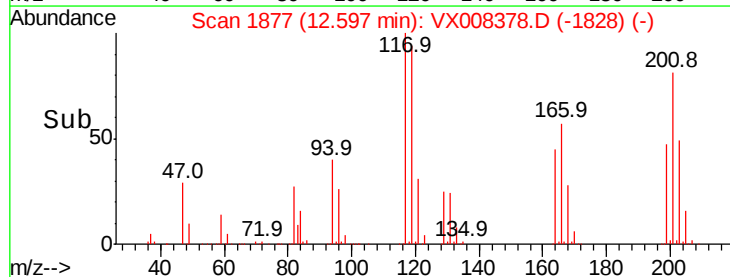
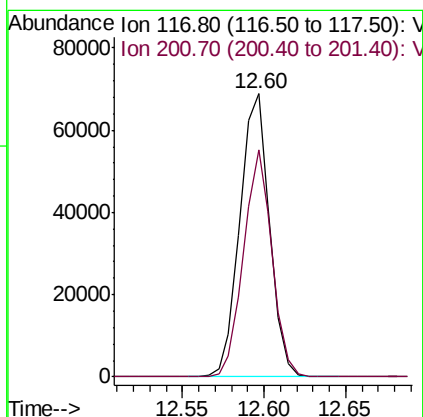
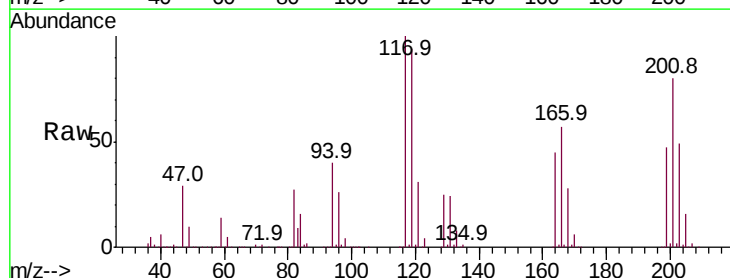
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

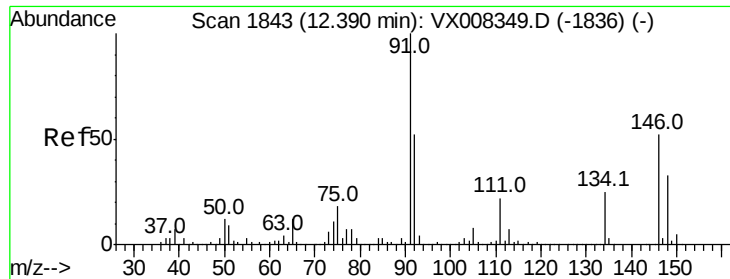
Tot Ion: 91 Resp: 520855
Ion Ratio Lower Upper
91 100
92 53.2 27.0 80.8
134 23.6 13.7 41.0



#90
Hexachloroethane
Concen: 49.500 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion: 117 Resp: 87326
Ion Ratio Lower Upper
117 100
201 76.9 48.9 146.7

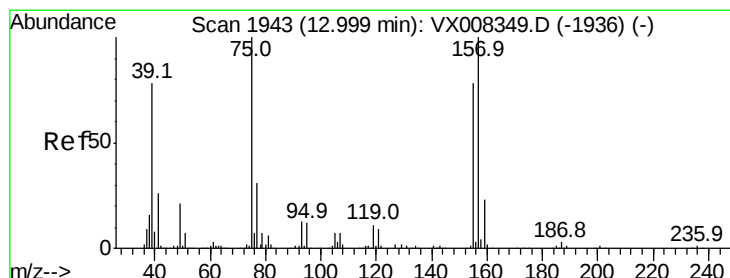
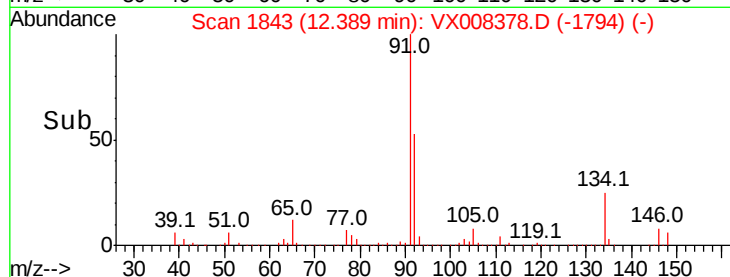
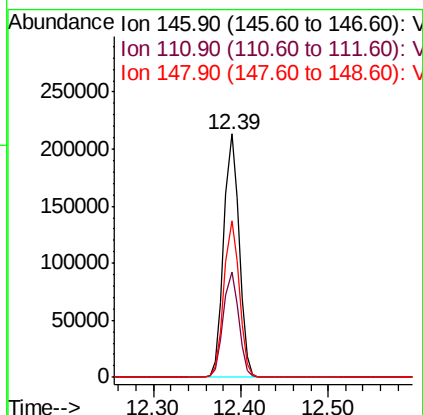
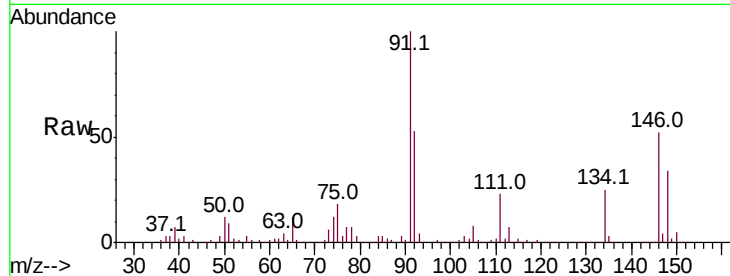




#91
 1,2-Dichlorobenzene
 Concen: 47.945 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

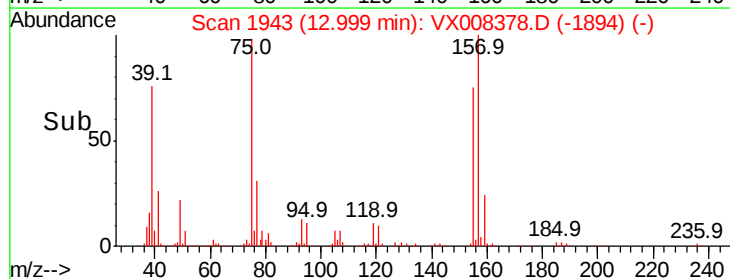
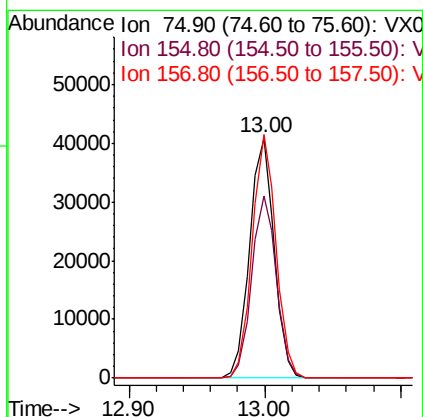
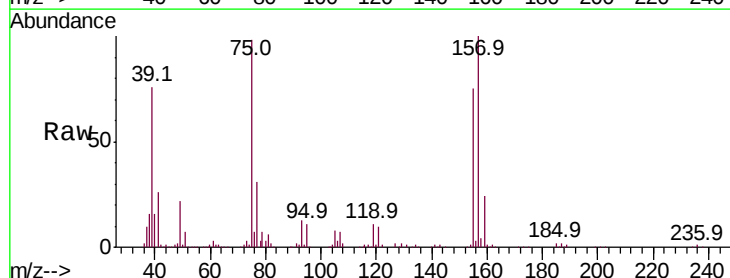
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

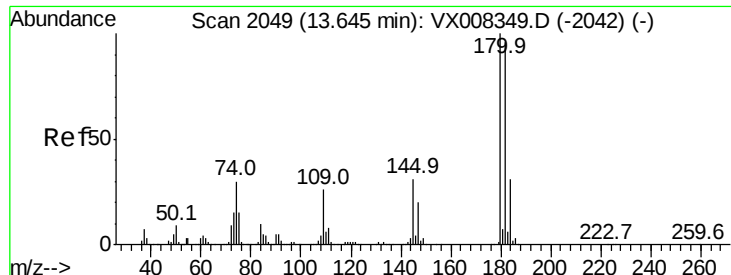
Tot Ion:146 Resp: 257541
 Ion Ratio Lower Upper
 146 100
 111 43.5 19.6 58.8
 148 64.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.919 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008378.D
 Acq: 24 Mar 2019 09:48

Tgt Ion: 75 Resp: 51831
 Ion Ratio Lower Upper
 75 100
 155 76.3 49.7 149.1
 157 98.7 63.8 191.4

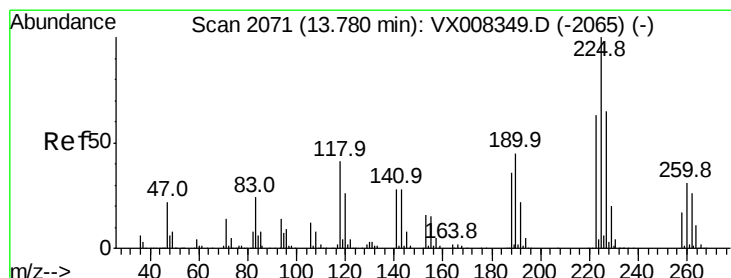
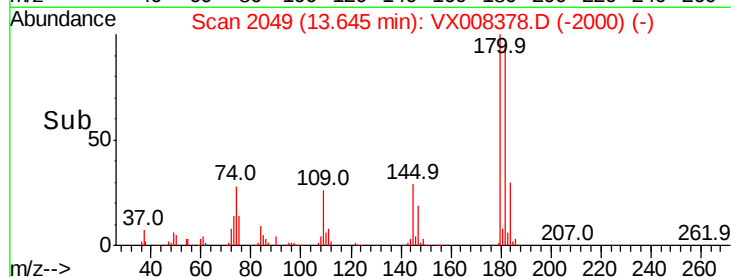
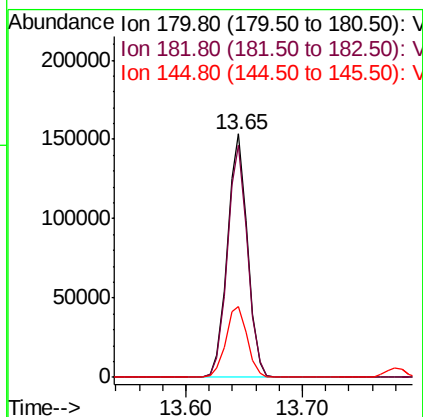
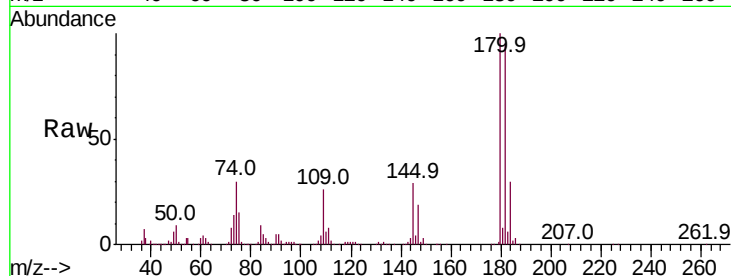




#93
1,2,4-Trichlorobenzene
Concen: 50.473 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

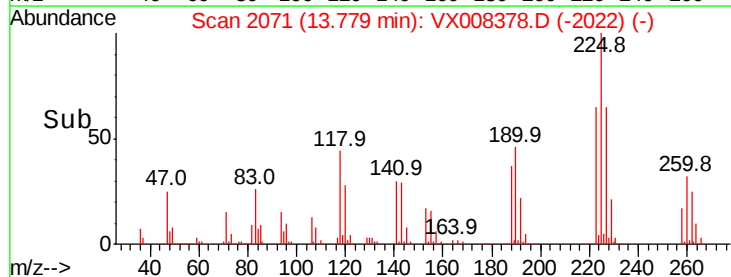
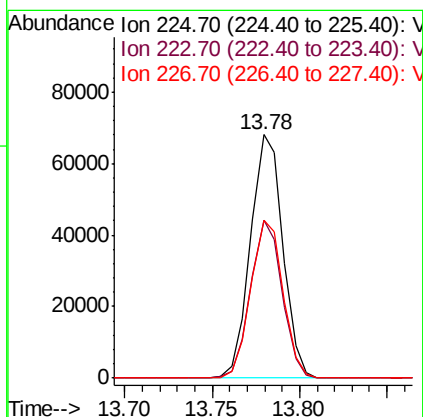
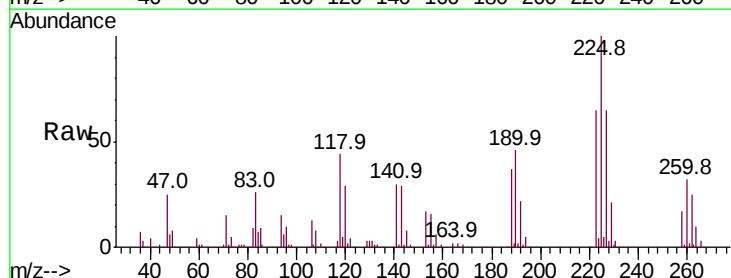
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

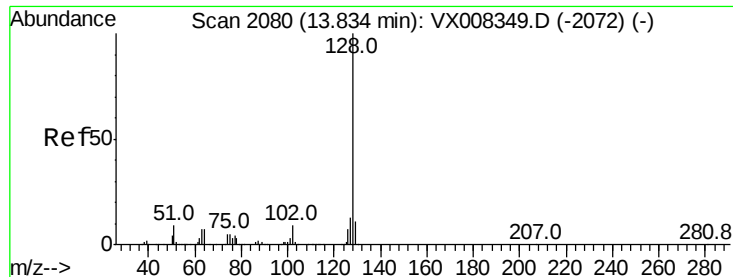
Tot Ion:180 Resp: 182823
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.7
145 30.7 14.1 42.4



#94
Hexachlorobutadiene
Concen: 51.032 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008378.D
Acq: 24 Mar 2019 09:48

Tgt Ion:225 Resp: 87358
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 64.9 32.0 96.0





#95

Naphthalene

Concen: 48.832 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

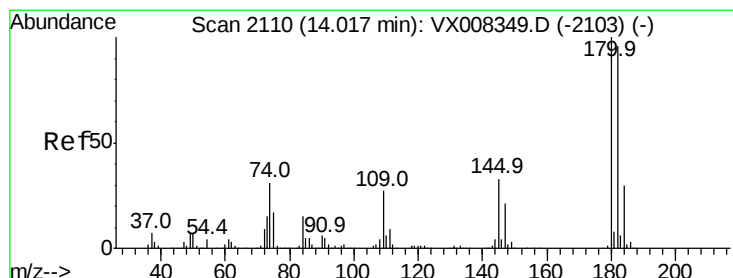
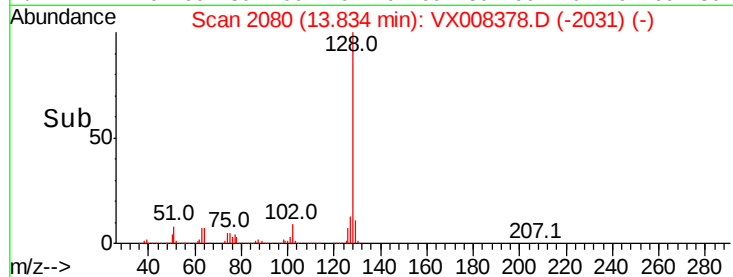
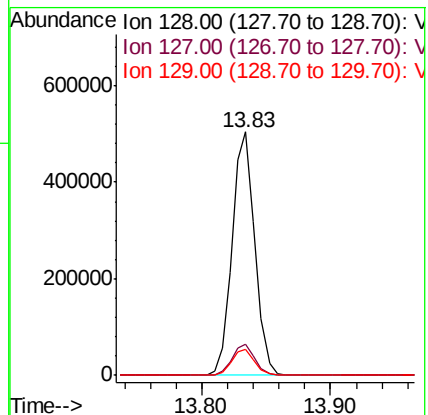
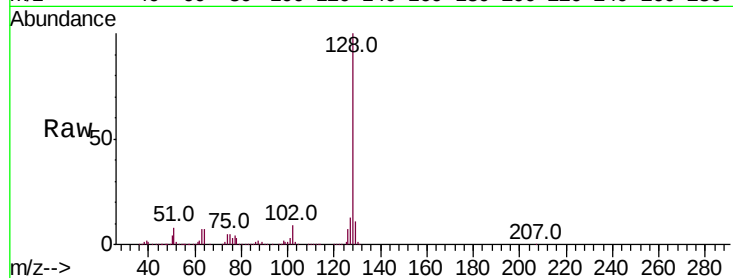
Tot Ion:128 Resp: 621143

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.975 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008378.D

Acq: 24 Mar 2019 09:48

Tgt Ion:180 Resp: 182665

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 32.6 14.8 44.3

