

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005626.D
 Acq On : 27 Oct 2018 01:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 27 06:02:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	325802	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168018	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130833	44.50	ug/l	0.00
Spiked Amount			Recovery	=	89.00%	
35) Dibromofluoromethane	5.51	113	110934	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
50) Toluene-d8	8.71	98	386249	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.14	95	145515	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	129118	54.308	ug/l	99
3) Chloromethane	1.32	50	152616	50.405	ug/l	93
4) Vinyl Chloride	1.41	62	152910	51.361	ug/l	89
5) Bromomethane	1.64	94	86492	46.689	ug/l	98
6) Chloroethane	1.71	64	83421	43.862	ug/l	99
7) Trichlorofluoromethane	1.92	101	192363	46.500	ug/l	96
8) Diethyl Ether	2.19	74	77316	46.832	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115214	48.541	ug/l	98
10) Methyl Iodide	2.51	142	126253	50.881	ug/l	100
11) Tert butyl alcohol	3.07	59	190722	241.045	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104229	46.097	ug/l	97
13) Acrolein	2.29	56	84726	209.919	ug/l	99
14) Allyl chloride	2.73	41	232407	46.055	ug/l	98
15) Acrylonitrile	3.15	53	406050	228.859	ug/l	98
16) Acetone	2.45	43	369387	237.746	ug/l	99
17) Carbon Disulfide	2.57	76	311434	45.184	ug/l	100
18) Methyl Acetate	2.78	43	199817	52.121	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	378382	46.913	ug/l	94
20) Methylene Chloride	2.85	84	116013	44.583	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	108522	43.958	ug/l	90
22) Diisopropyl ether	3.87	45	398335	45.202	ug/l	# 95
23) Vinyl Acetate	3.82	43	1806851	232.812	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216219	45.130	ug/l	99
25) 2-Butanone	4.70	43	553882	234.103	ug/l	91
26) 2,2-Dichloropropane	4.57	77	139429	37.695	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	120071	45.114	ug/l	99
28) Bromochloromethane	5.02	49	109349	47.189	ug/l	98
29) Tetrahydrofuran	5.15	42	370600	240.692	ug/l	99
30) Chloroform	5.22	83	202354	45.153	ug/l	90
31) Cyclohexane	5.57	56	190217	47.985	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	179471	45.373	ug/l	99
36) 1,1-Dichloropropene	5.79	75	158203	50.036	ug/l	97
37) Ethyl Acetate	4.85	43	214110	53.067	ug/l	99
38) Carbon Tetrachloride	5.78	117	158080	47.470	ug/l	94

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171031	48.987	ug/l	99
40) Benzene	6.15	78	465491	51.359	ug/l	96
41) Methacrylonitrile	5.06	41	120011	53.399	ug/l	96
42) 1,2-Dichloroethane	6.20	62	163676	47.537	ug/l	100
43) Isopropyl Acetate	6.45	43	309718	51.227	ug/l	99
44) Trichloroethene	7.21	130	121918	49.377	ug/l	95
45) 1,2-Dichloropropane	7.52	63	119794	49.161	ug/l	97
46) Dibromomethane	7.66	93	75498	47.971	ug/l	99
47) Bromodichloromethane	7.90	83	147865	48.408	ug/l	98
48) Methyl methacrylate	7.77	41	151677	51.496	ug/l	100
49) 1,4-Dioxane	7.75	88	64795	1006.654	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1028483	253.115	ug/l	98
52) Toluene	8.79	92	273650	49.679	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	161603	48.952	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	176857	49.759	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	113253	48.766	ug/l	95
56) Ethyl methacrylate	9.18	69	180607	52.138	ug/l	99
57) 1,3-Dichloropropane	9.37	76	189475	48.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	473860	244.929	ug/l	100
59) 2-Hexanone	9.49	43	816387	254.826	ug/l	99
60) Dibromochloromethane	9.59	129	121063	49.964	ug/l	99
61) 1,2-Dibromoethane	9.67	107	119475	49.728	ug/l	100
64) Tetrachloroethene	9.34	164	123236	50.281	ug/l	99
65) Chlorobenzene	10.14	112	308040	48.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	113818	49.649	ug/l	99
67) Ethyl Benzene	10.25	91	529981	51.235	ug/l	100
68) m/p-Xylenes	10.36	106	411315	102.490	ug/l	100
69) o-Xylene	10.70	106	197984	52.436	ug/l	100
70) Styrene	10.71	104	333141	52.707	ug/l	100
71) Bromoform	10.86	173	101326	49.532	ug/l	99
73) Isopropylbenzene	11.02	105	538998	52.479	ug/l	99
74) N-amyl acetate	10.90	43	267273	52.518	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184463	48.682	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	220438	61.922	ug/l	85
77) Bromobenzene	11.26	156	144681	50.547	ug/l	98
78) n-propylbenzene	11.36	91	623167	53.062	ug/l	100
79) 2-Chlorotoluene	11.42	91	369857	50.793	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	460773	52.444	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53110	48.748	ug/l	96
82) 4-Chlorotoluene	11.51	91	437150	50.913	ug/l	100
83) tert-Butylbenzene	11.77	119	455177	51.973	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	479432	53.841	ug/l	100
85) sec-Butylbenzene	11.94	105	550641	52.691	ug/l	100
86) p-Isopropyltoluene	12.07	119	500201	53.543	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	265989	49.417	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	270320	48.113	ug/l	100
89) n-Butylbenzene	12.39	91	438774	52.026	ug/l	100
90) Hexachloroethane	12.60	117	80849	50.178	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	267411	49.105	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46153	50.375	ug/l	97

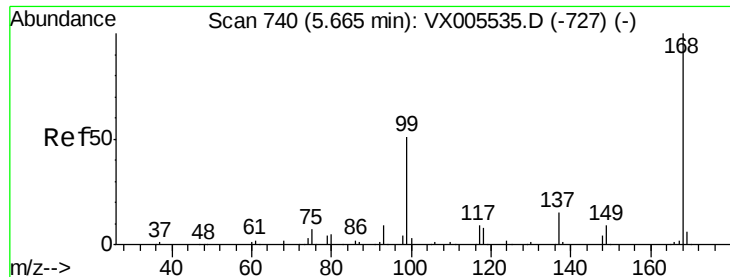
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102618\
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MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Oct 27 06:02:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	201597	51.069	ug/l	99
94) Hexachlorobutadiene	13.79	225	95443	46.655	ug/l	99
95) Naphthalene	13.83	128	631603	55.043	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	207868	51.946	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

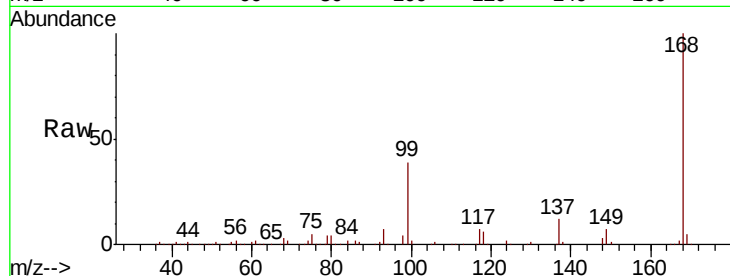
VSTDCCC050

Tot Ion:168 Resp: 240873

Ion Ratio Lower Upper

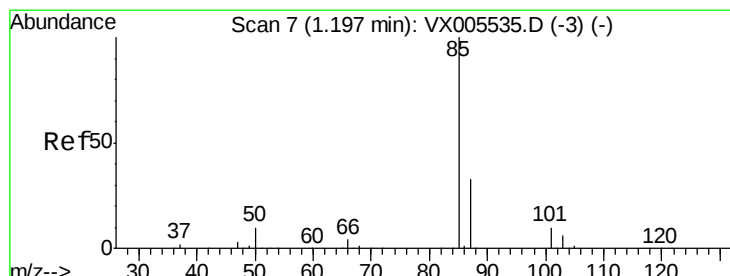
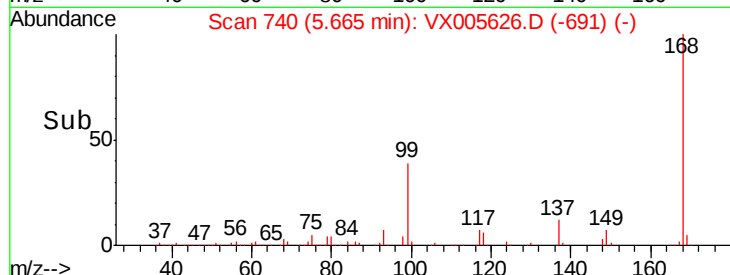
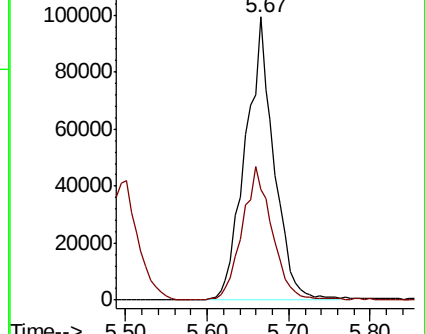
168 100

99 38.9 40.7 61.1#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.308 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005626.D

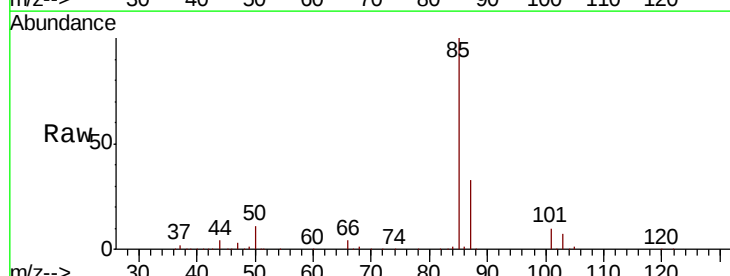
Acq: 27 Oct 2018 01:08

Tgt Ion: 85 Resp: 129118

Ion Ratio Lower Upper

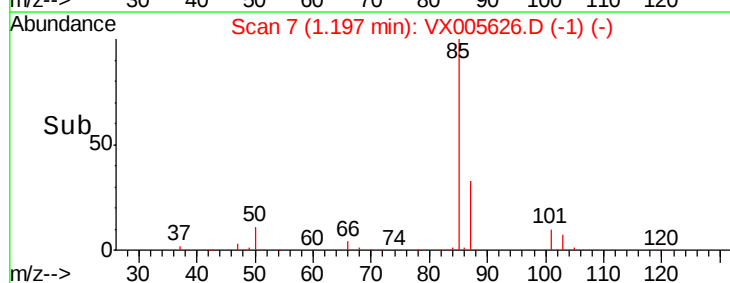
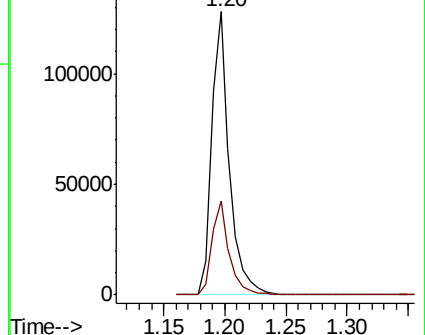
85 100

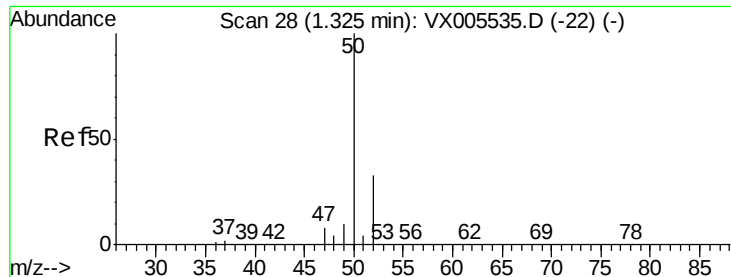
87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

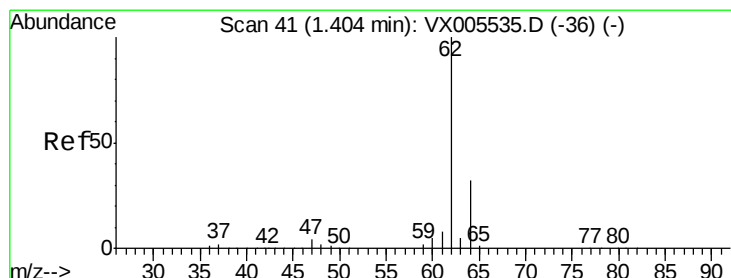
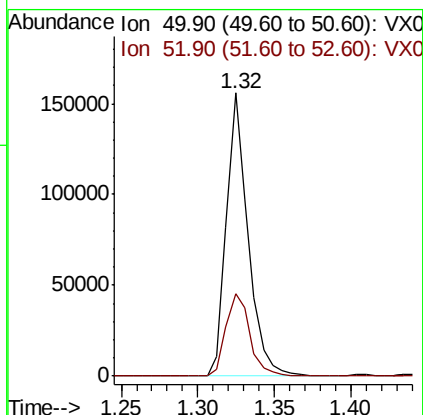
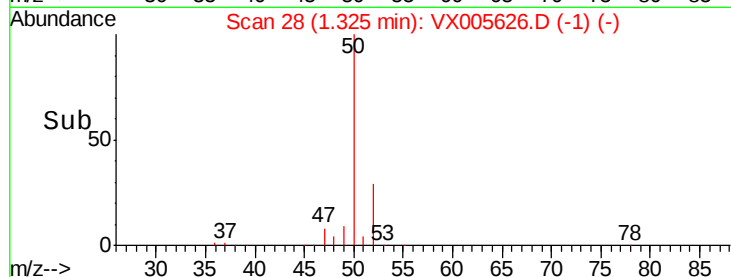
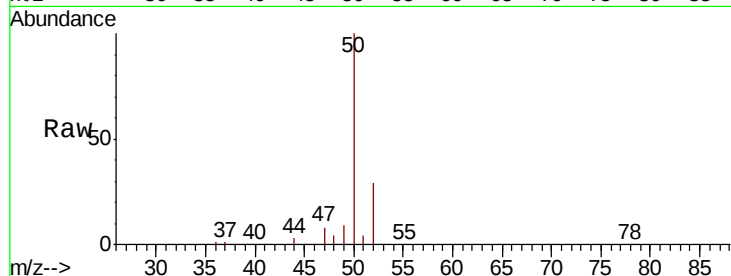




#3
Chloromethane
Concen: 50.405 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

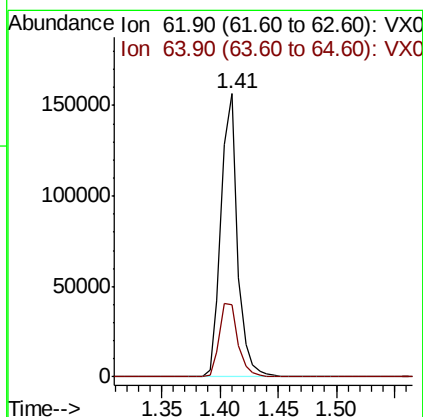
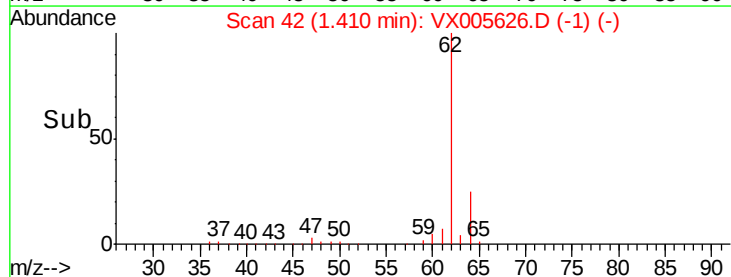
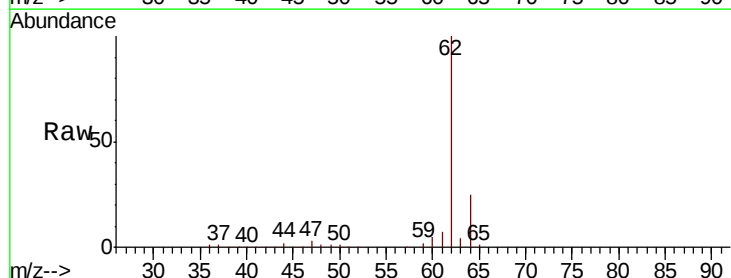
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

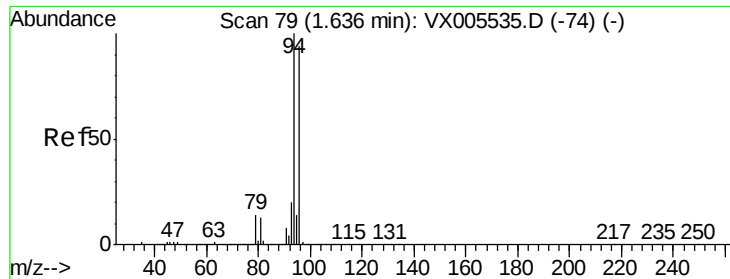
Tot Ion: 50 Resp: 152616
Ion Ratio Lower Upper
50 100
52 29.0 26.2 39.2



#4
Vinyl Chloride
Concen: 51.361 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 62 Resp: 152910
Ion Ratio Lower Upper
62 100
64 25.3 25.3 37.9





#5

Bromomethane

Concen: 46.689 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

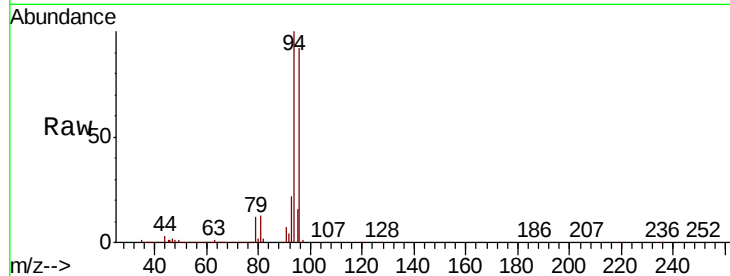
VSTDCCC050

Tot Ion: 94 Resp: 86492

Ion Ratio Lower Upper

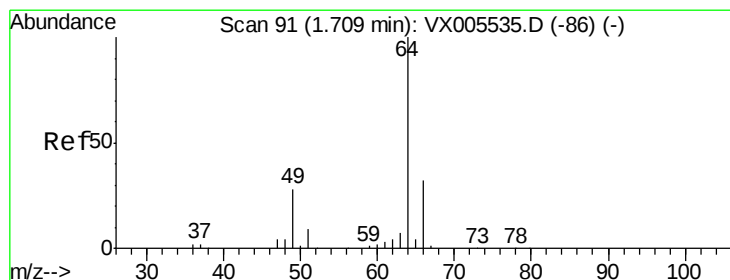
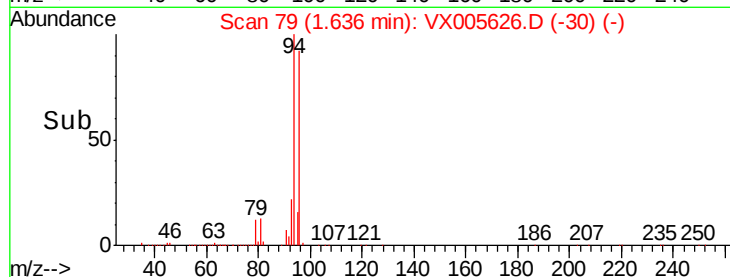
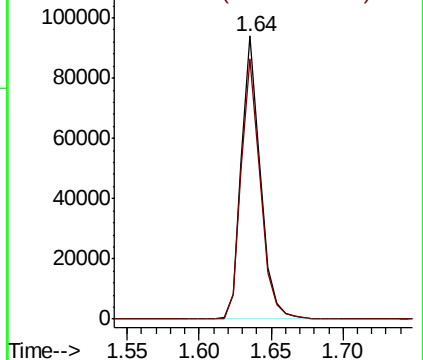
94 100

96 92.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.862 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005626.D

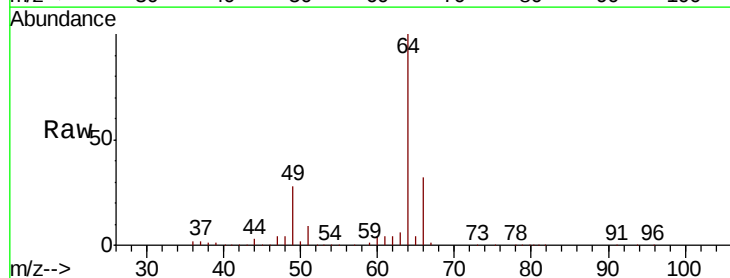
Acq: 27 Oct 2018 01:08

Tgt Ion: 64 Resp: 83421

Ion Ratio Lower Upper

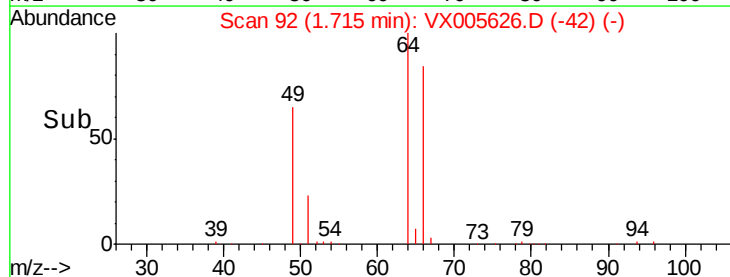
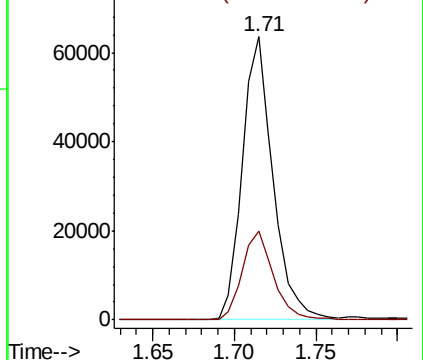
64 100

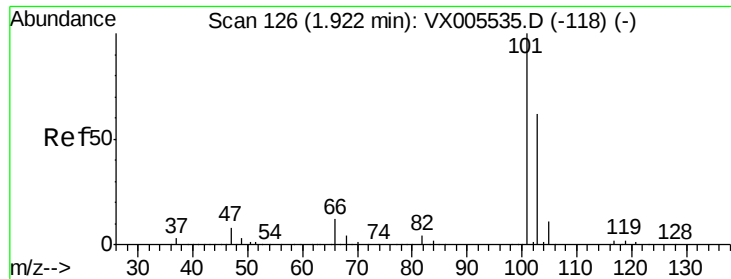
66 31.5 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



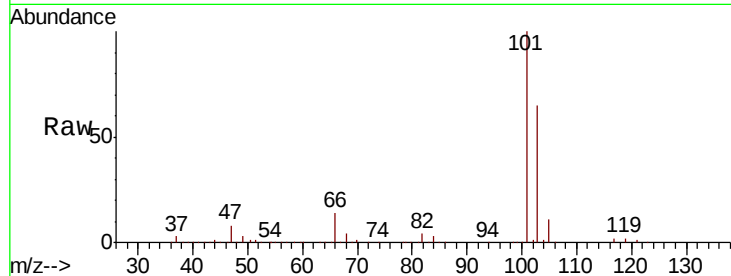


#7

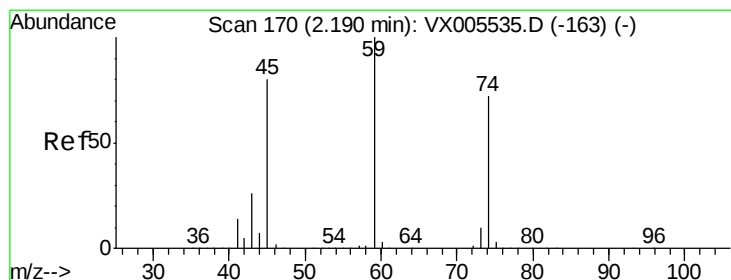
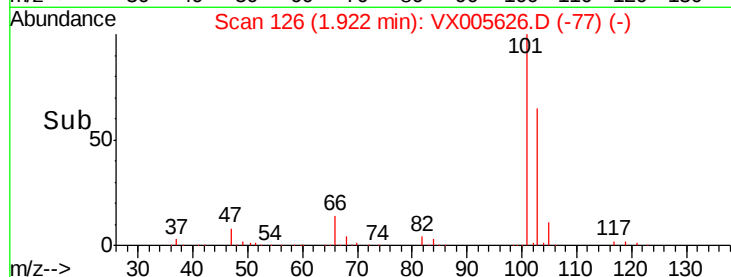
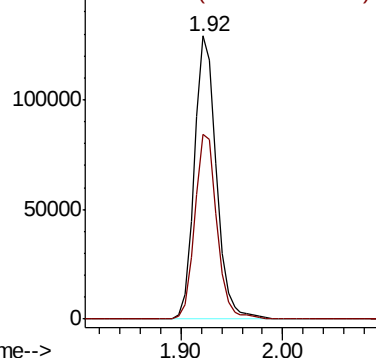
Trichlorofluoromethane
 Concen: 46.500 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 192363
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.0 75.0



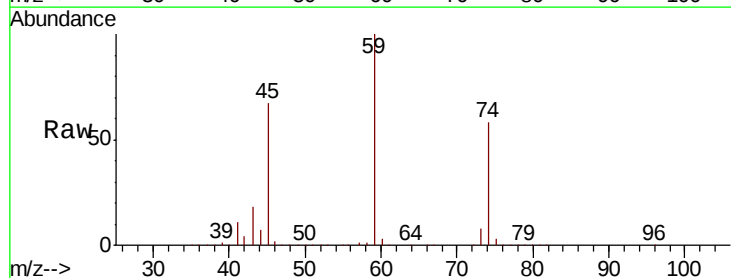
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



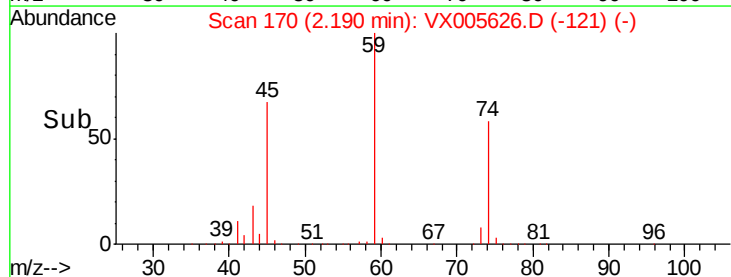
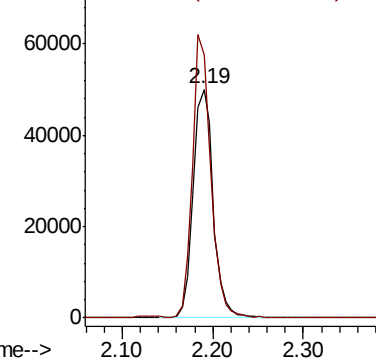
#8

Diethyl Ether
 Concen: 46.832 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

Tgt Ion: 74 Resp: 77316
 Ion Ratio Lower Upper
 74 100
 45 112.6 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.541 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

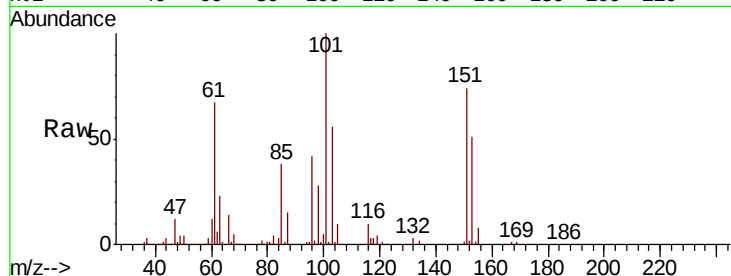
Tot Ion:101 Resp: 115214

Ion Ratio Lower Upper

101 100

85 40.9 35.0 52.4

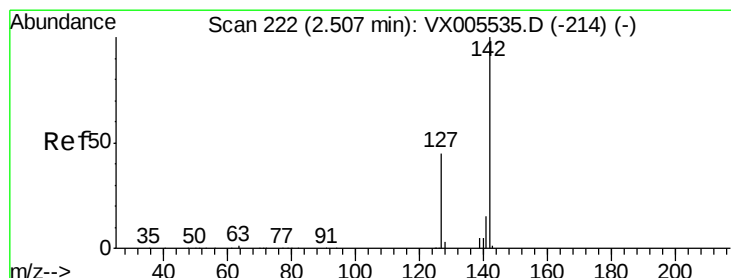
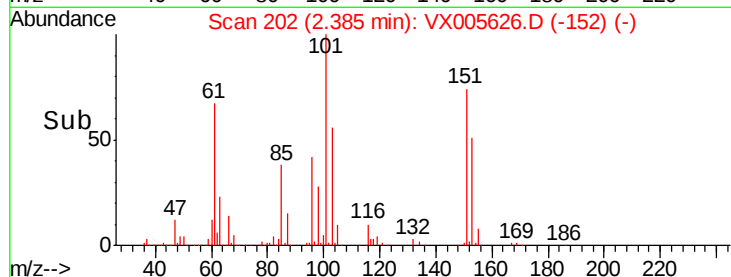
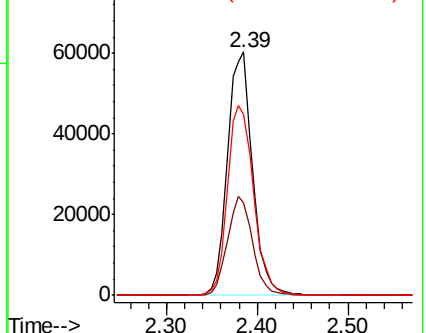
151 81.7 66.2 99.2



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: 50.881 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

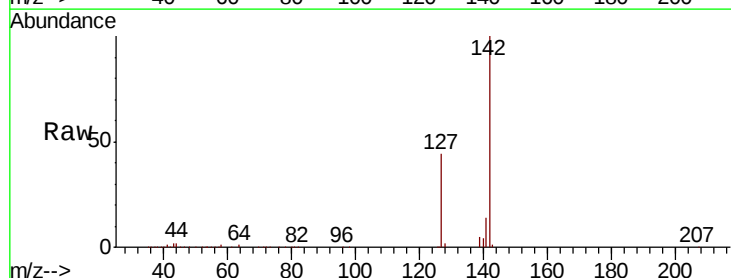
Tgt Ion:142 Resp: 126253

Ion Ratio Lower Upper

142 100

127 45.2 36.0 54.0

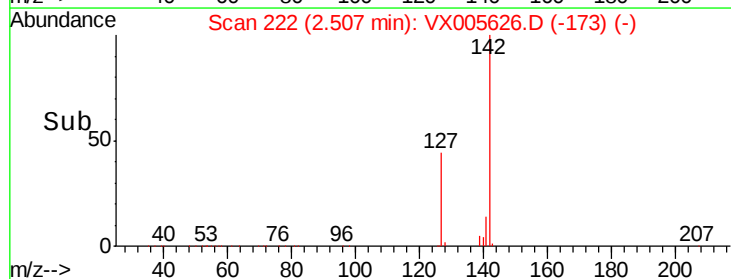
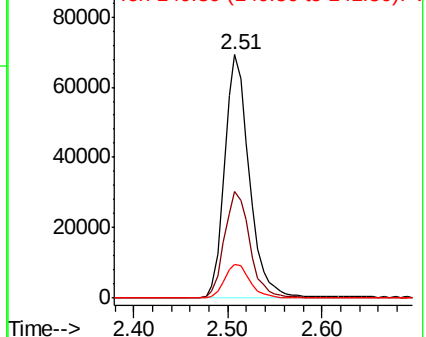
141 14.4 11.7 17.5

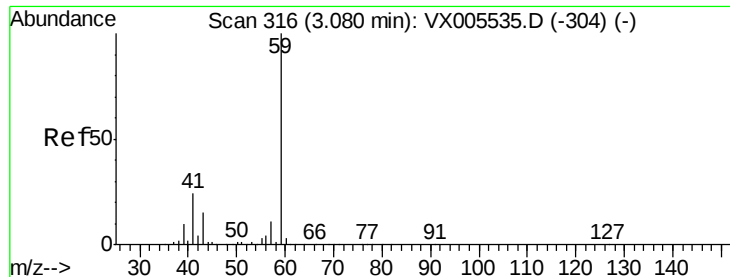


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



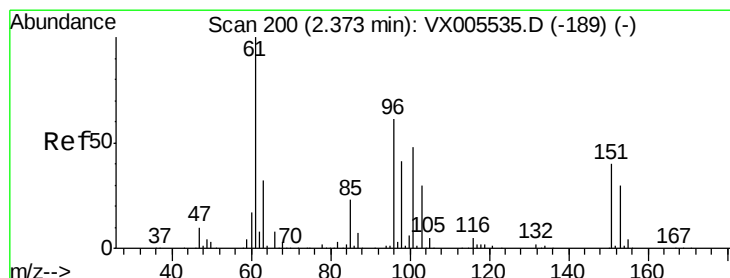
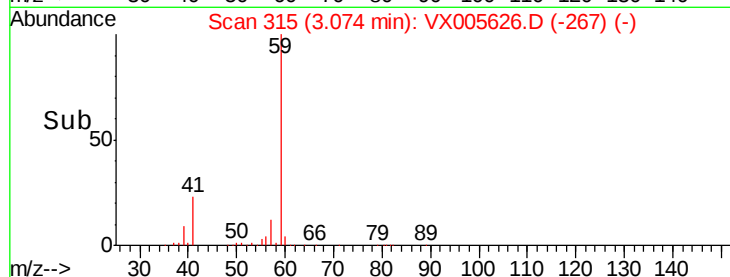
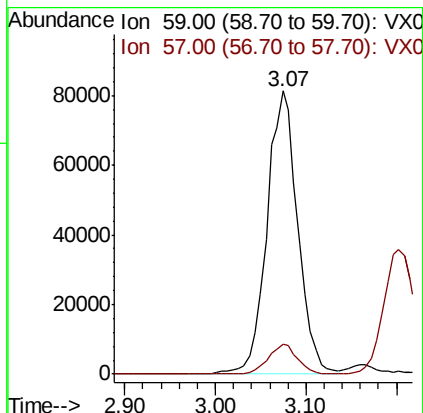
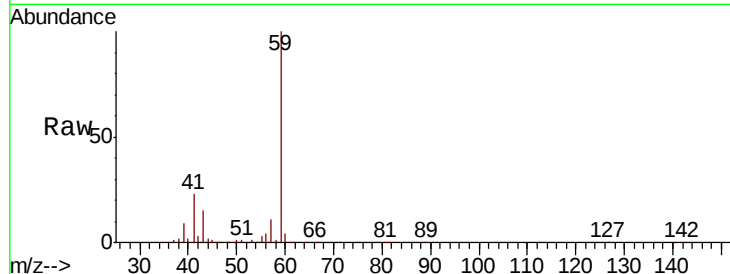


#11

Tert butyl alcohol
 Concen: 241.045 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

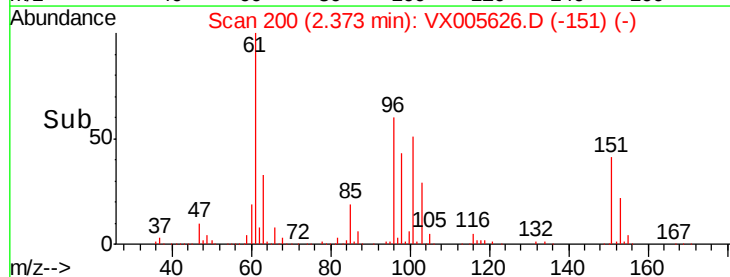
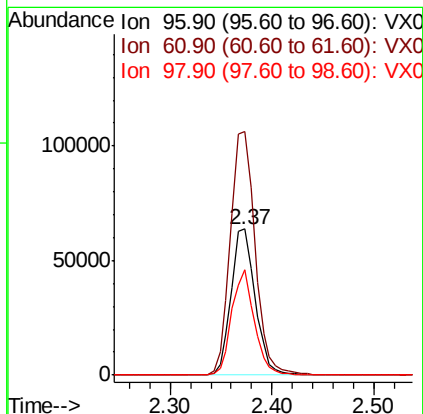
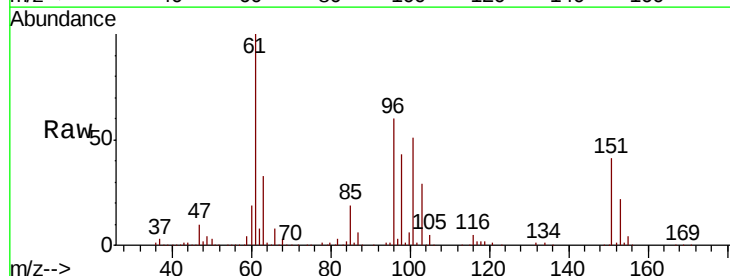
Tot Ion: 59 Resp: 190722
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

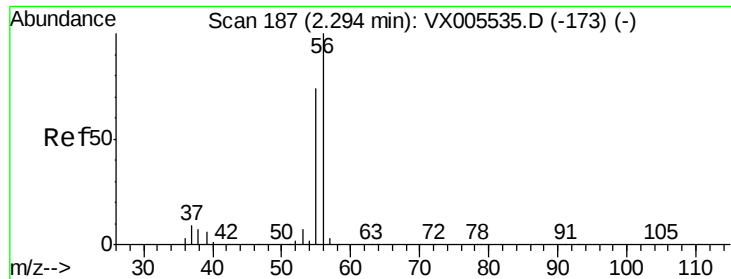


#12

1,1-Dichloroethene
 Concen: 46.097 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

Tgt Ion: 96 Resp: 104229
 Ion Ratio Lower Upper
 96 100
 61 166.8 131.8 197.8
 98 72.1 53.4 80.2





#13

Acrolein

Concen: 209.919 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

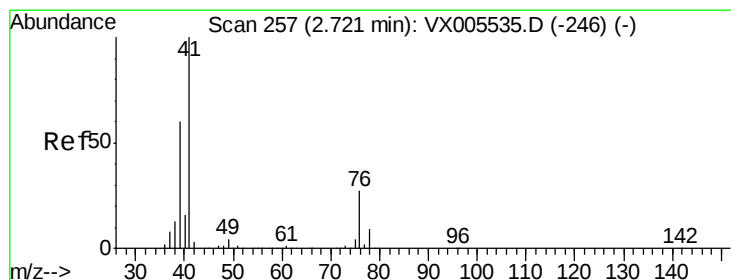
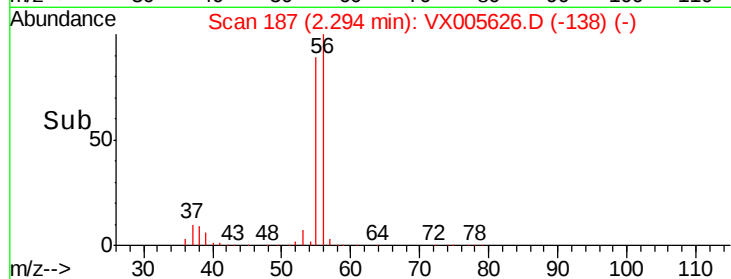
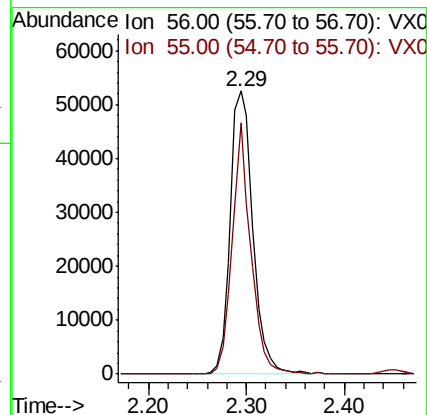
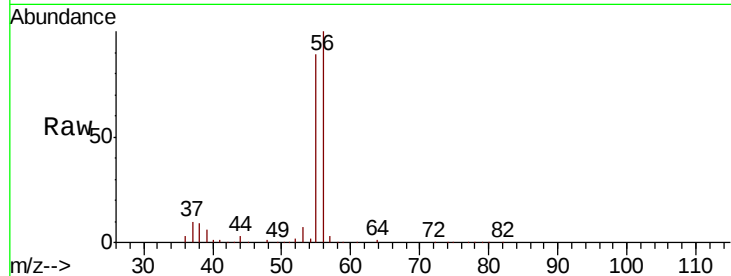
VSTDCCC050

Tot Ion: 56 Resp: 84726

Ion Ratio Lower Upper

56 100

55 72.5 57.3 85.9



#14

Allyl chloride

Concen: 46.055 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

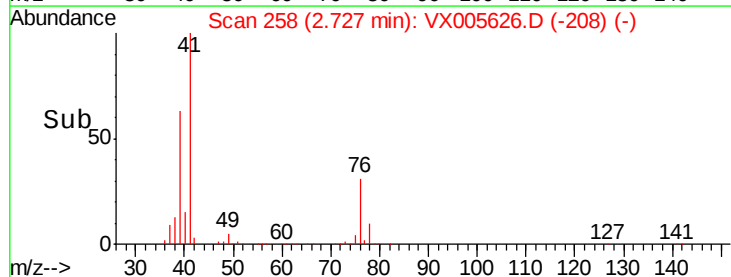
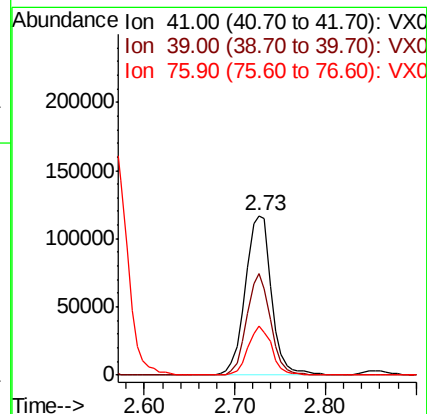
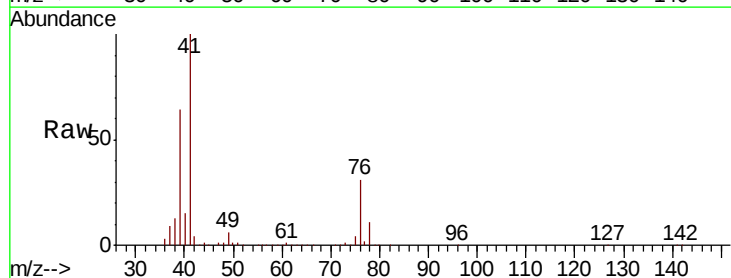
Tgt Ion: 41 Resp: 232407

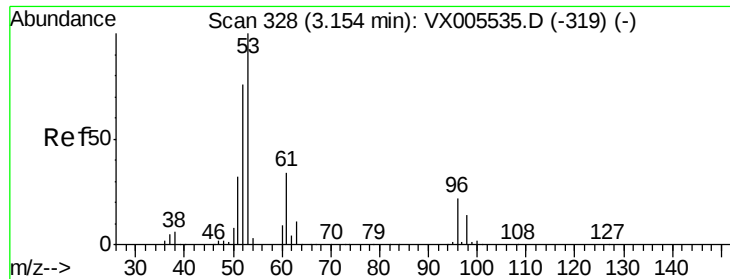
Ion Ratio Lower Upper

41 100

39 58.0 48.2 72.4

76 27.8 21.9 32.9

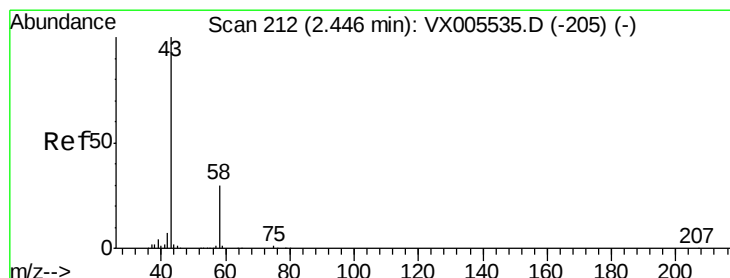
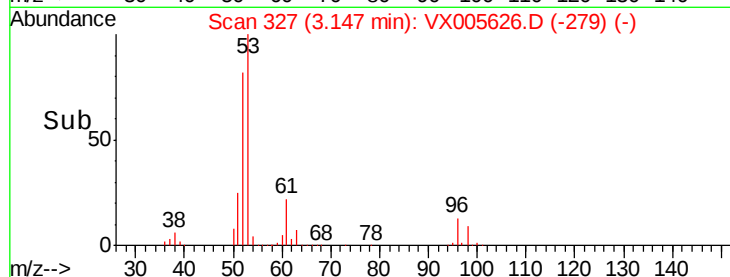
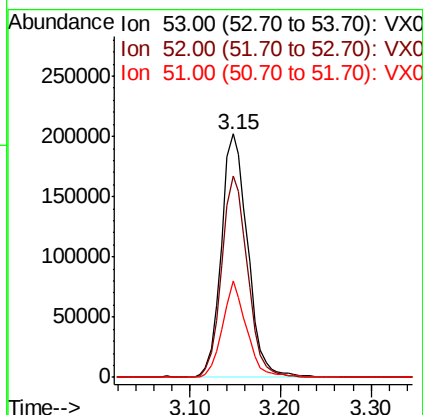
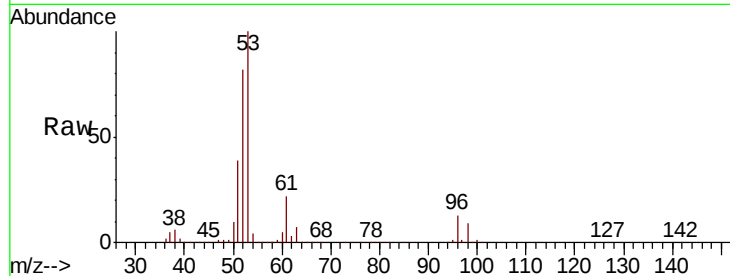




#15
 Acrylonitrile
 Concen: 228.859 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

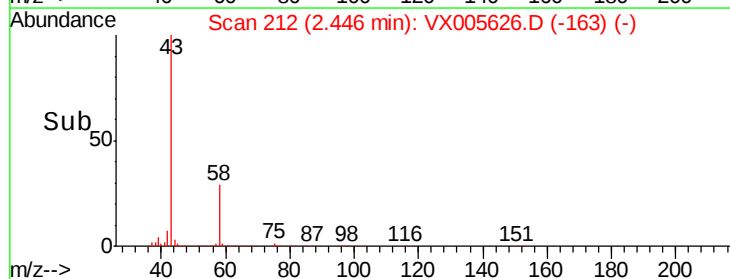
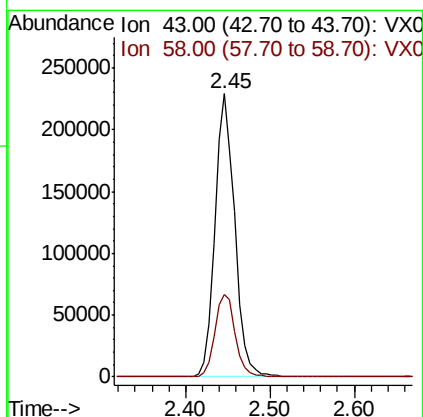
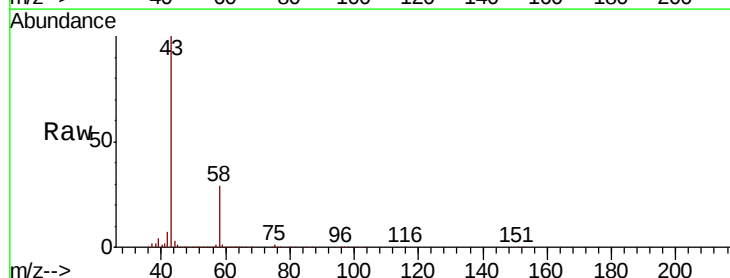
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

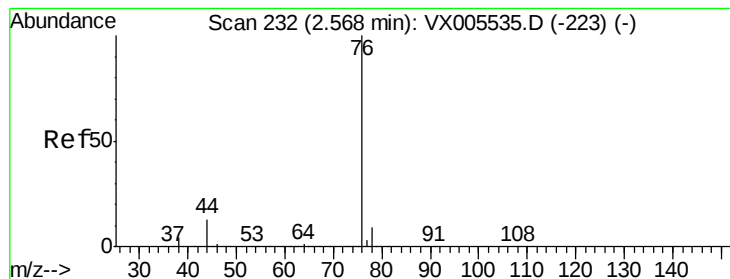
Tot Ion: 53 Resp: 406050
 Ion Ratio Lower Upper
 53 100
 52 81.7 66.6 99.8
 51 36.4 28.4 42.6



#16
 Acetone
 Concen: 237.746 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 369387
 Ion Ratio Lower Upper
 43 100
 58 29.1 23.8 35.6





#17

Carbon Disulfide

Concen: 45.184 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

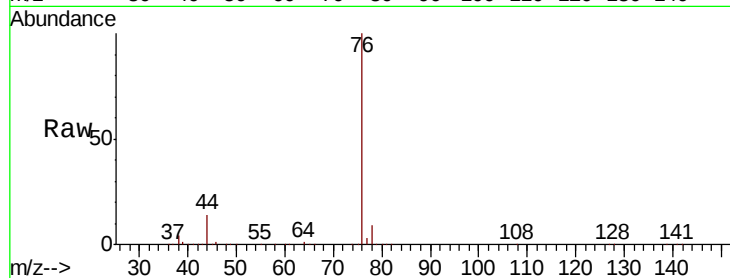
VSTDCCC050

Tot Ion: 76 Resp: 311434

Ion Ratio Lower Upper

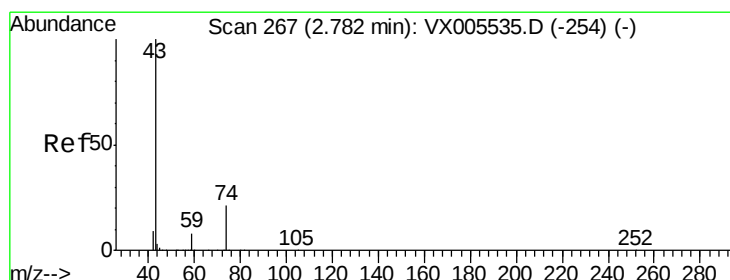
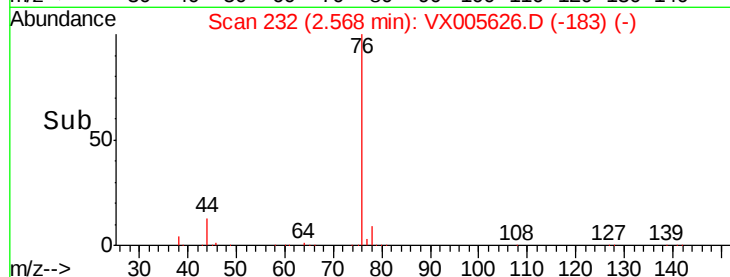
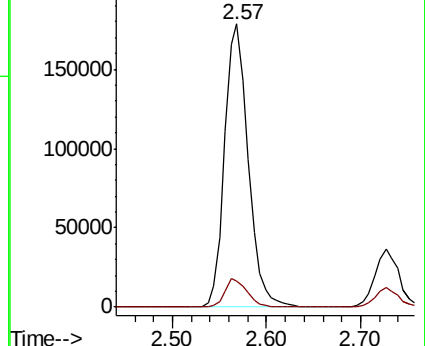
76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.121 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005626.D

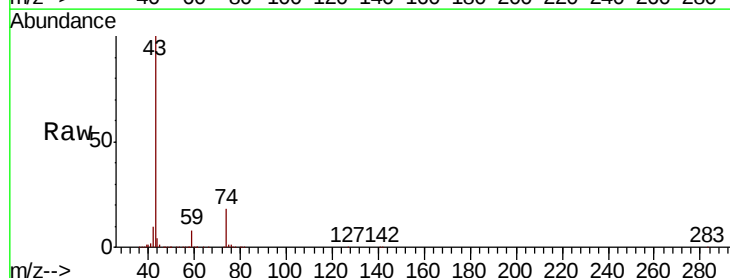
Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 199817

Ion Ratio Lower Upper

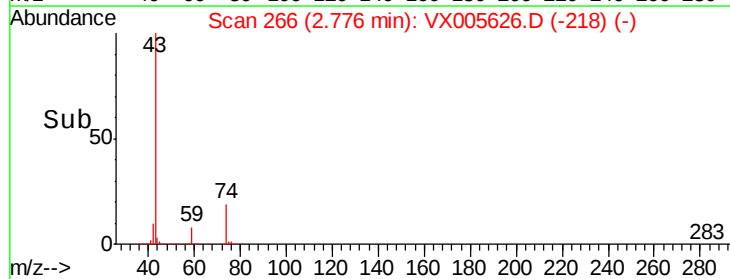
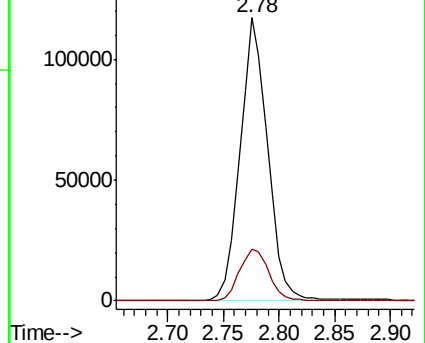
43 100

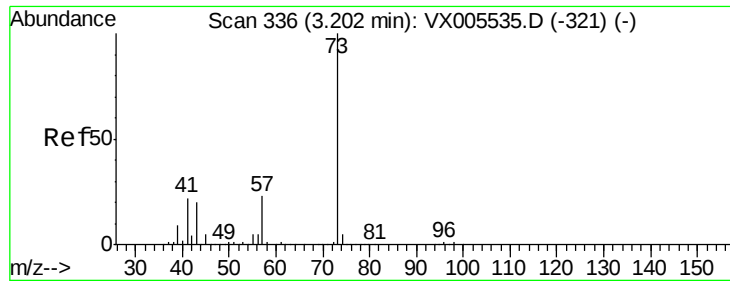
74 19.5 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

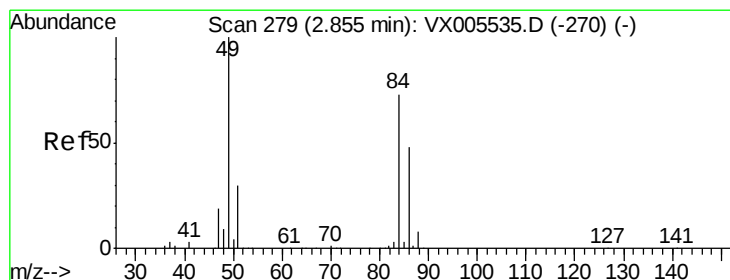
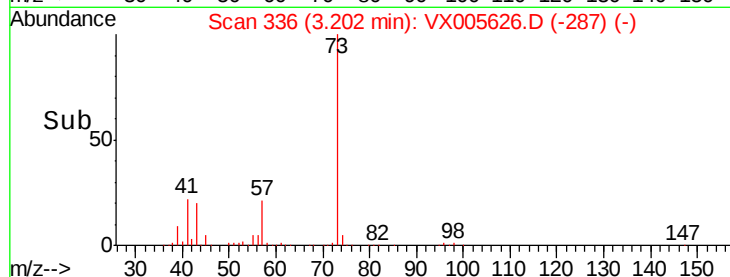
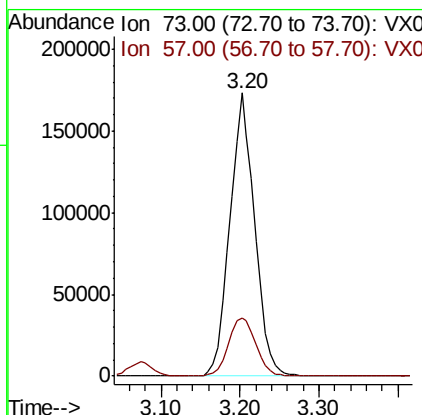
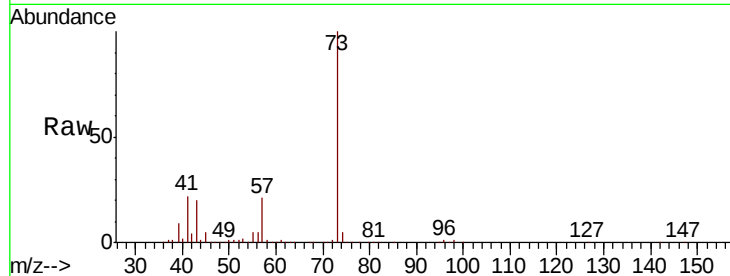




#19
Methvl tert-butvl Ether
Concen: 46.913 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

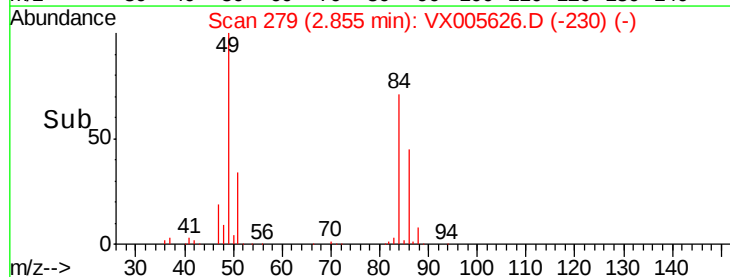
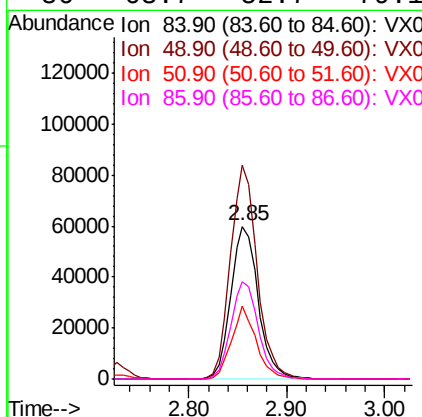
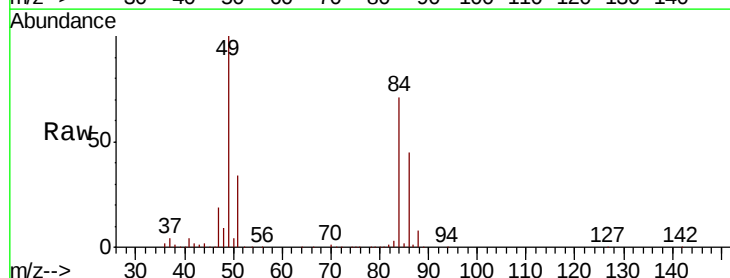
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

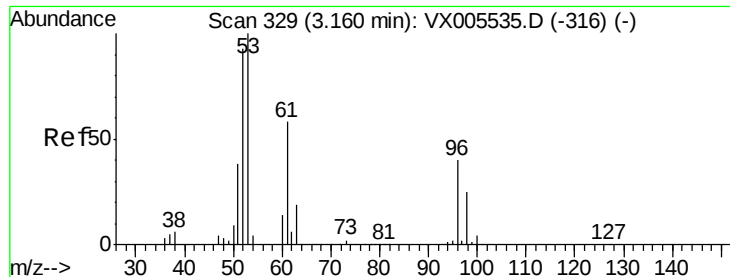
Tot Ion: 73 Resp: 378382
Ion Ratio Lower Upper
73 100
57 20.7 18.8 28.2



#20
Methylene Chloride
Concen: 44.583 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 84 Resp: 116013
Ion Ratio Lower Upper
84 100
49 140.1 109.5 164.3
51 47.9 33.3 49.9
86 63.7 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 43.958 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

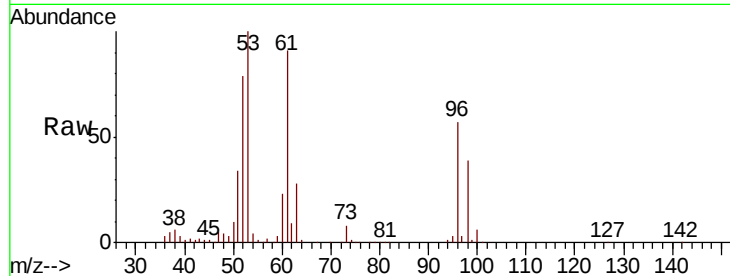
Tot Ion: 96 Resp: 108522

Ion Ratio Lower Upper

96 100

61 157.7 115.6 173.4

98 68.6 50.2 75.2

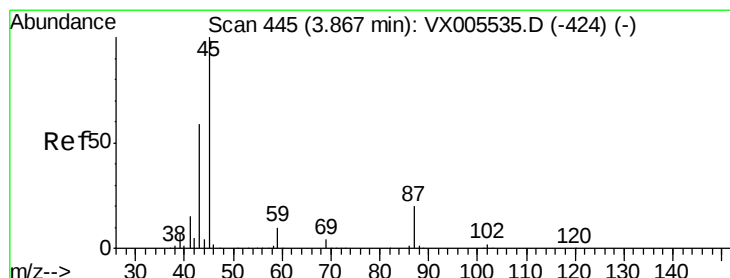
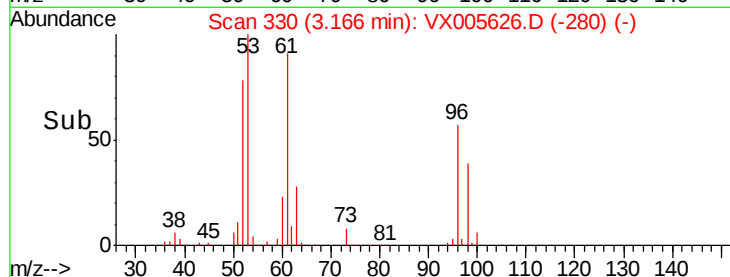
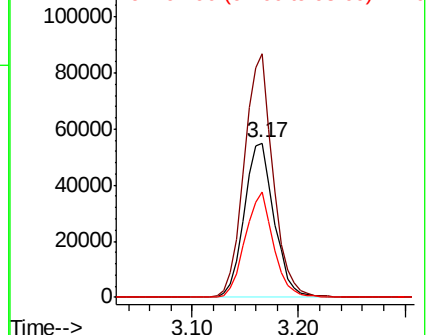


Abundance

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: 45.202 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Tgt Ion: 45 Resp: 398335

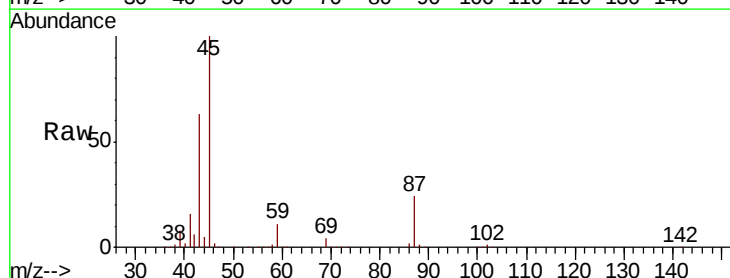
Ion Ratio Lower Upper

45 100

43 62.4 47.4 71.2

87 24.5 15.9 23.9#

59 11.0 7.7 11.5



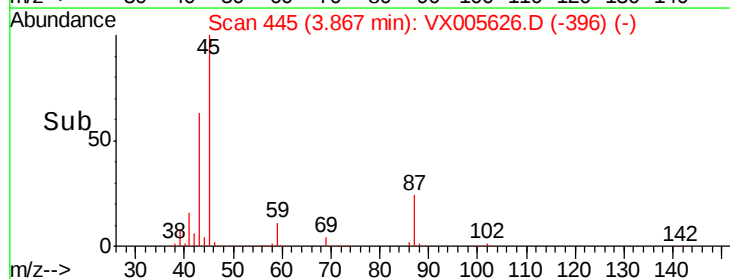
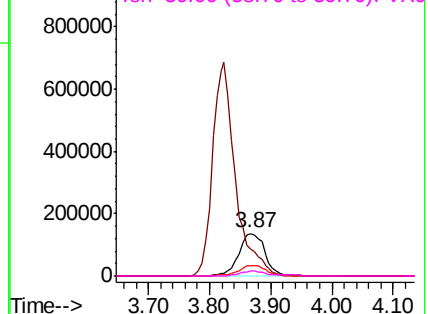
Abundance

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: 232.812 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

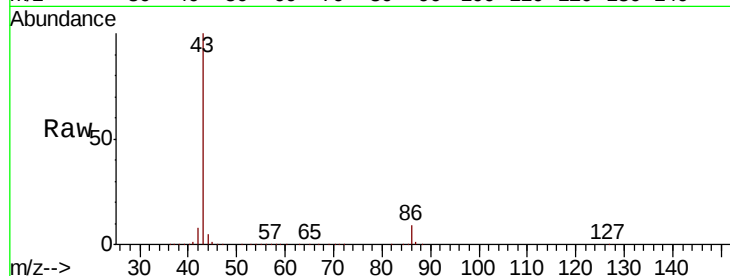
VSTDCCC050

Tot Ion: 43 Resp: 1806851

Ion Ratio Lower Upper

43 100

86 9.1 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-424) (-)

Ion 86.00 (85.70 to 86.70): VX005535.D (-424) (-)

3.82

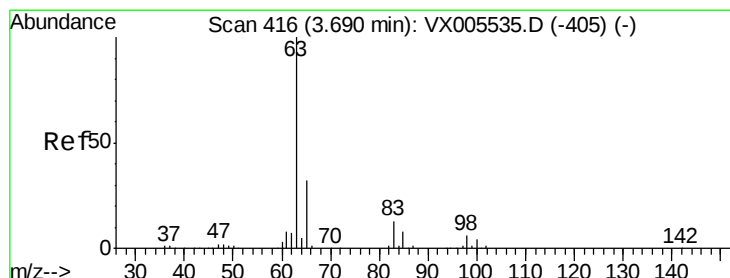
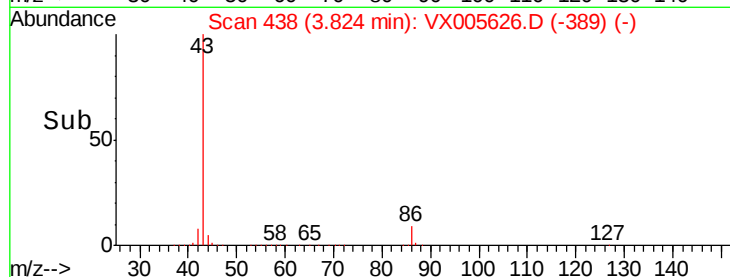
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.130 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

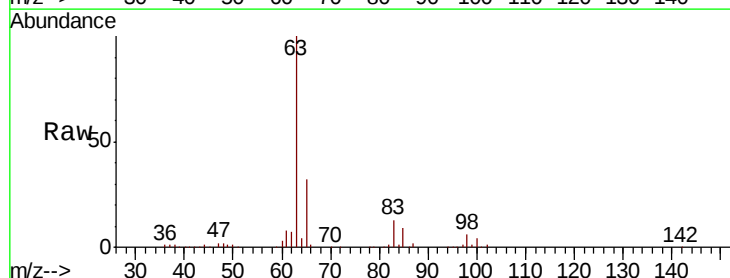
Tgt Ion: 63 Resp: 216219

Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 3.9 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX005535.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX005535.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX005535.D (-405) (-)

3.70

120000

100000

80000

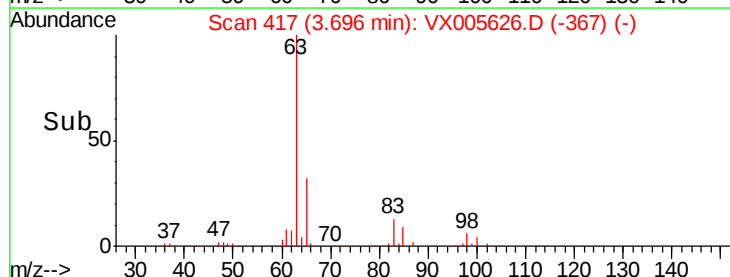
60000

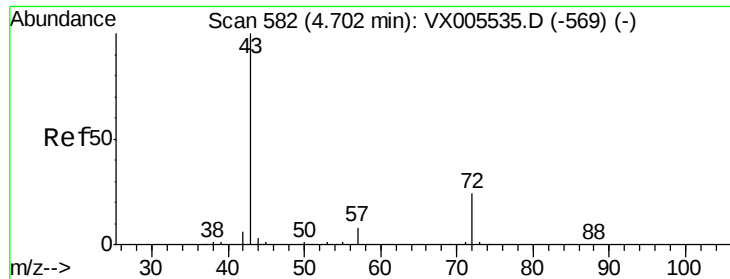
40000

20000

0

Time-->





#25

2-Butanone

Concen: 234.103 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

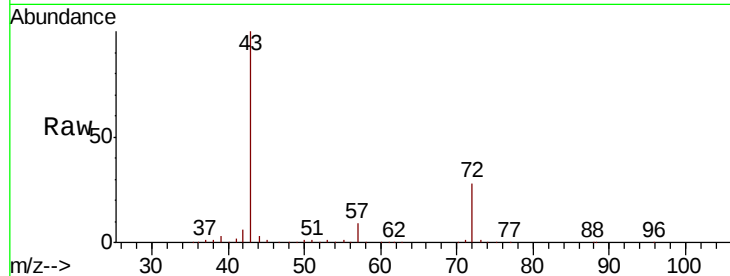
VSTDCCC050

Tot Ion: 43 Resp: 553882

Ion Ratio Lower Upper

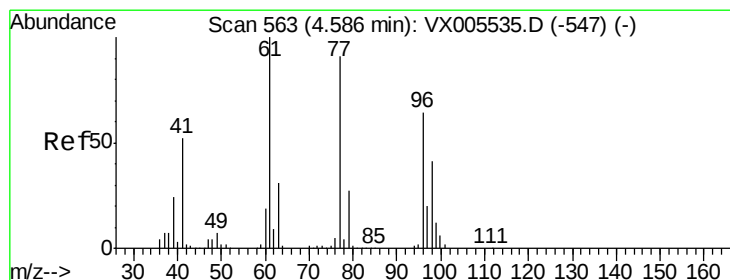
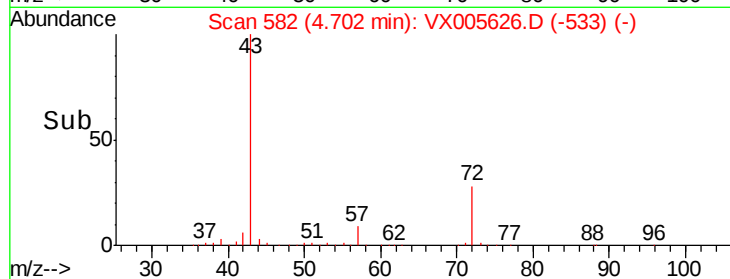
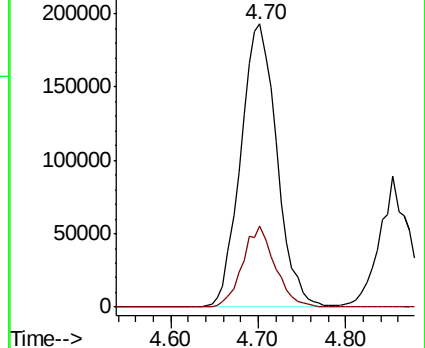
43 100

72 28.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.695 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX005626.D

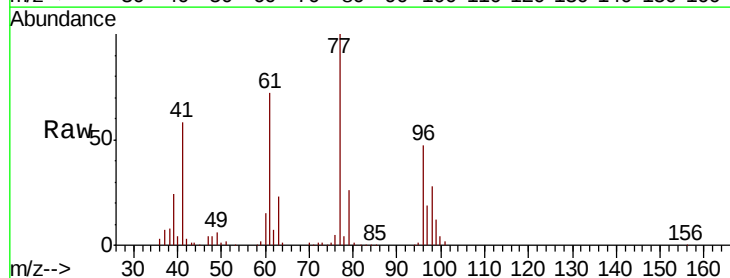
Acq: 27 Oct 2018 01:08

Tgt Ion: 77 Resp: 139429

Ion Ratio Lower Upper

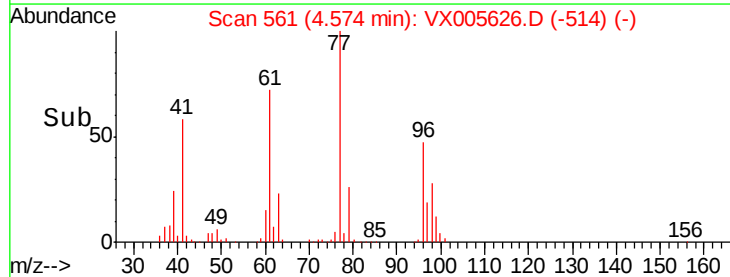
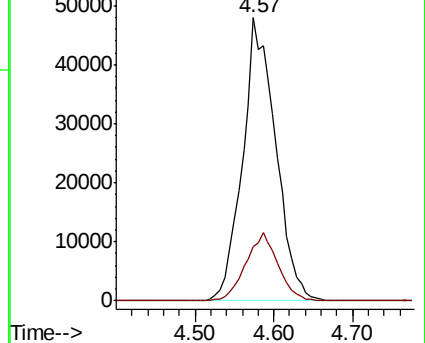
77 100

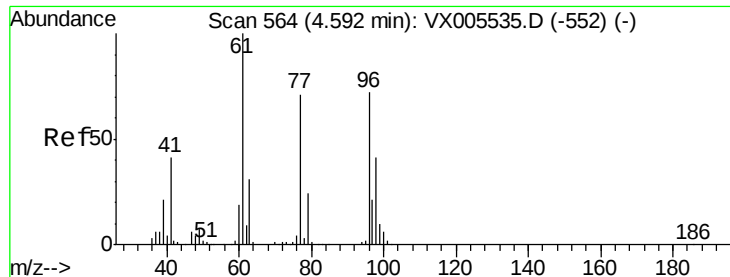
97 23.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



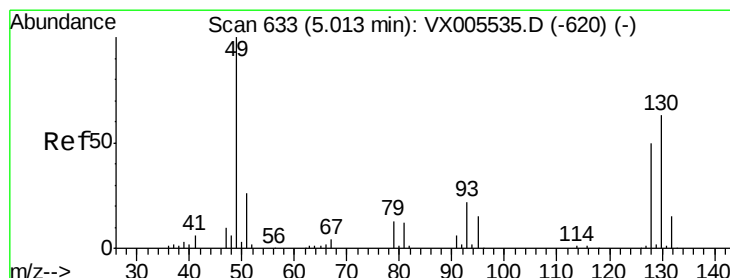
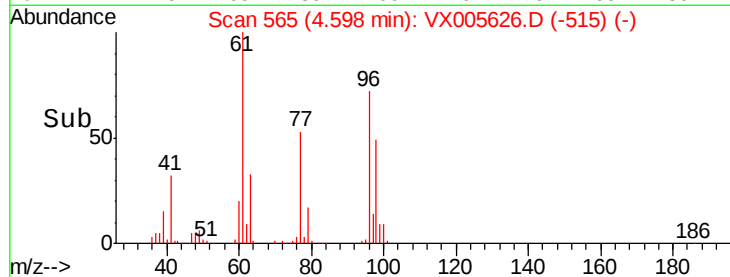
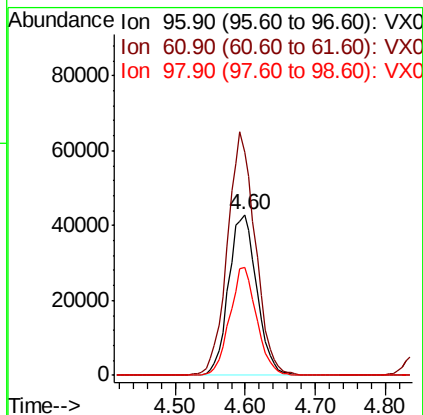
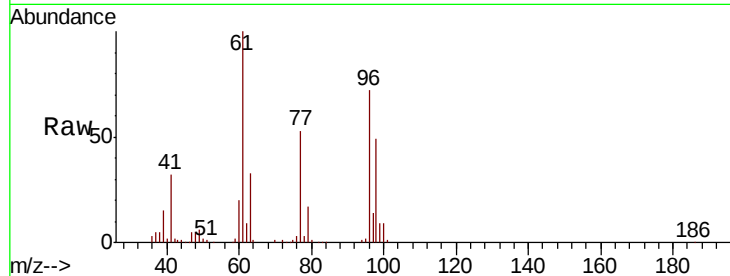


#27

cis-1,2-Dichloroethene
Concen: 45.114 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

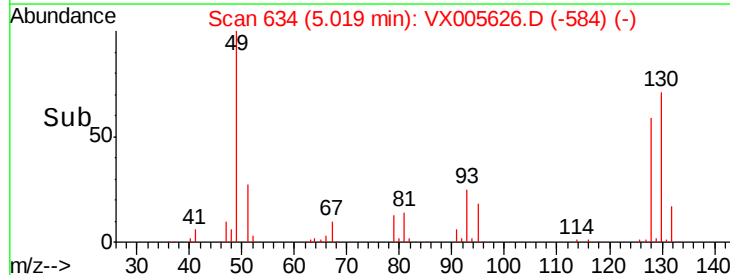
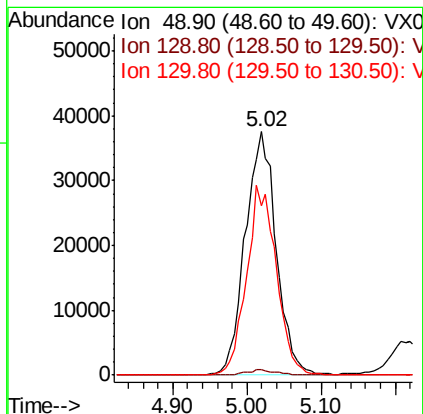
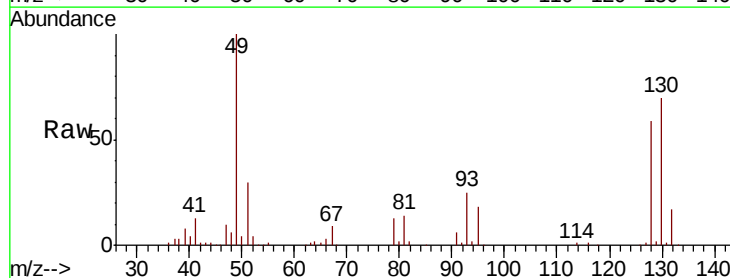
Tot Ion: 96 Resp: 120071
Ion Ratio Lower Upper
96 100
61 149.9 0.0 304.6
98 64.1 0.0 127.4

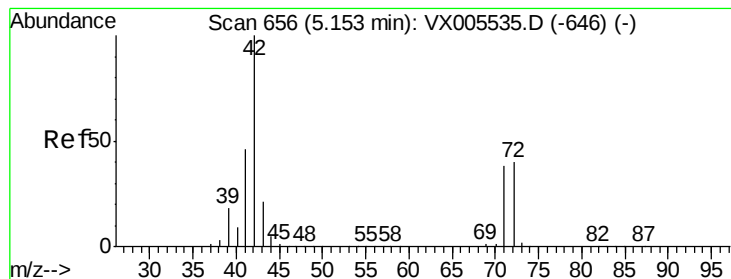


#28

Bromochloromethane
Concen: 47.189 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 49 Resp: 109349
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 75.3 58.9 88.3





#29

Tetrahydrofuran

Concen: 240.692 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

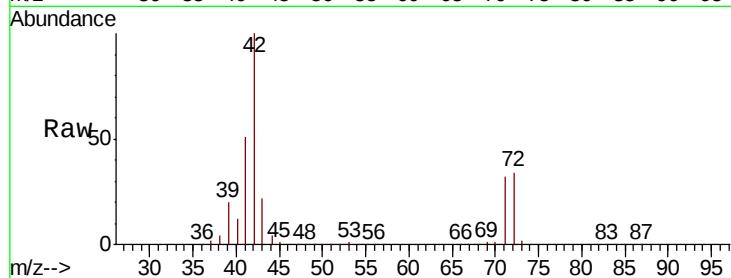
Tot Ion: 42 Resp: 370600

Ion Ratio Lower Upper

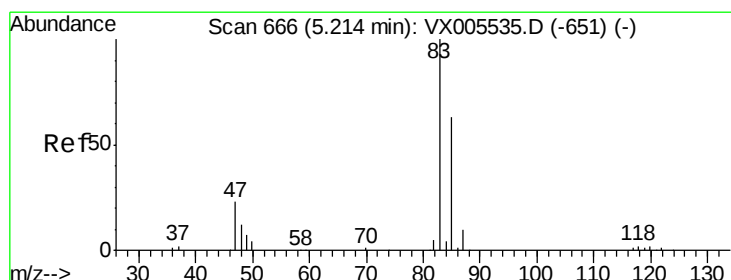
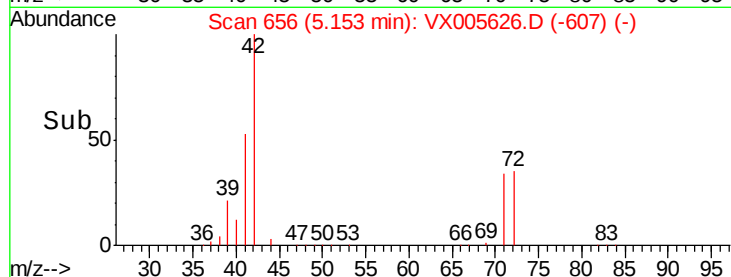
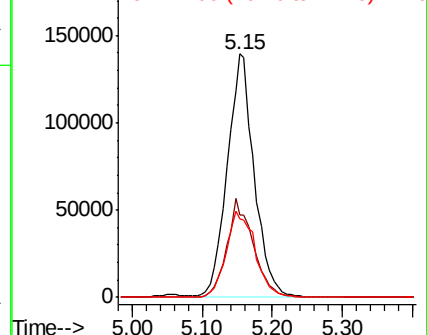
42 100

72 39.9 32.0 48.0

71 37.9 29.8 44.8



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: 45.153 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX005626.D

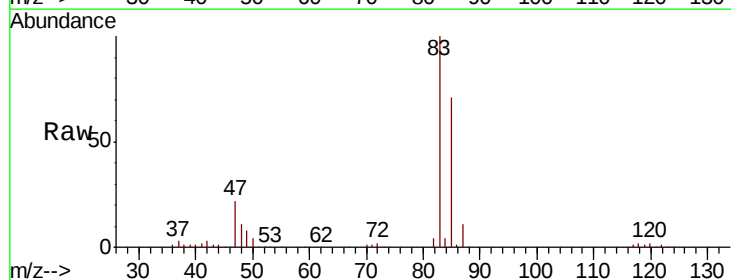
Acq: 27 Oct 2018 01:08

Tgt Ion: 83 Resp: 202354

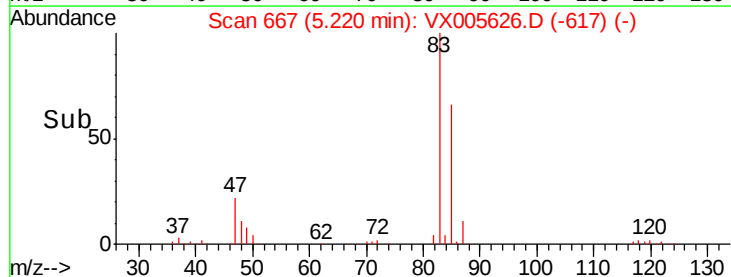
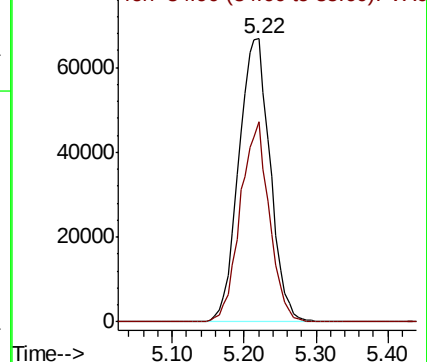
Ion Ratio Lower Upper

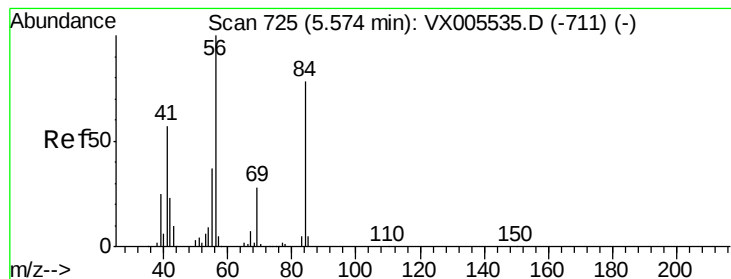
83 100

85 70.9 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.985 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

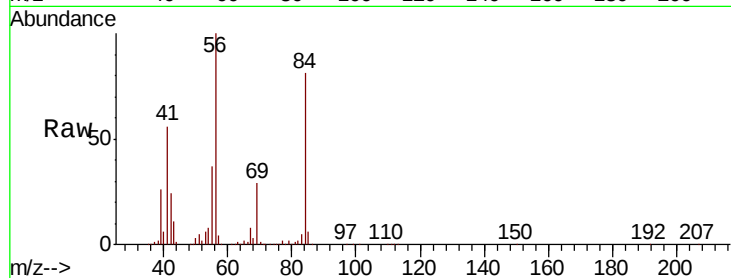
Tot Ion: 56 Resp: 190217

Ion Ratio Lower Upper

56 100

69 28.7 22.6 34.0

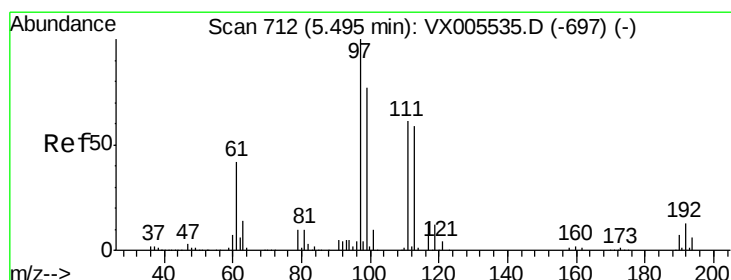
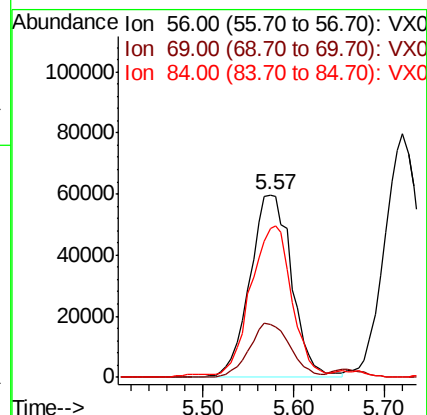
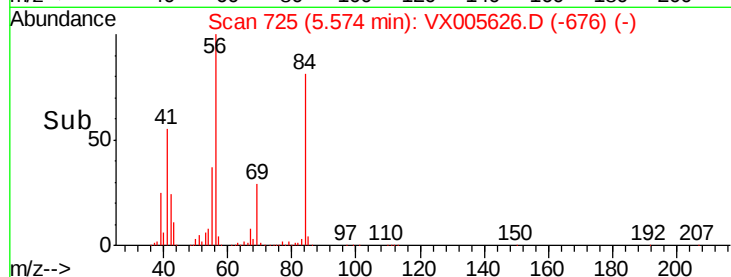
84 80.0 62.7 94.1



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: 45.373 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

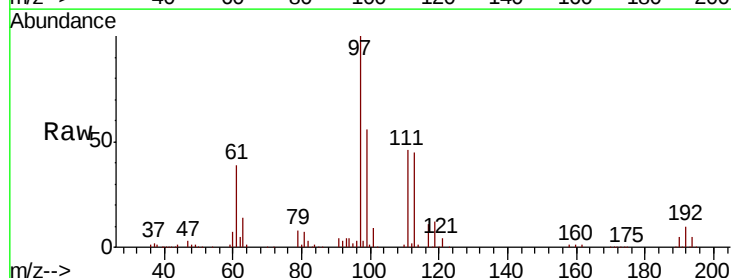
Tgt Ion: 97 Resp: 179471

Ion Ratio Lower Upper

97 100

99 65.3 52.3 78.5

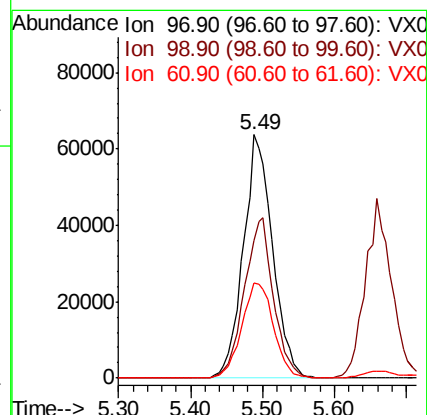
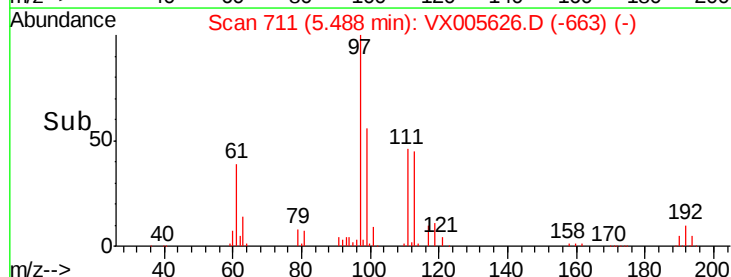
61 42.7 35.2 52.8

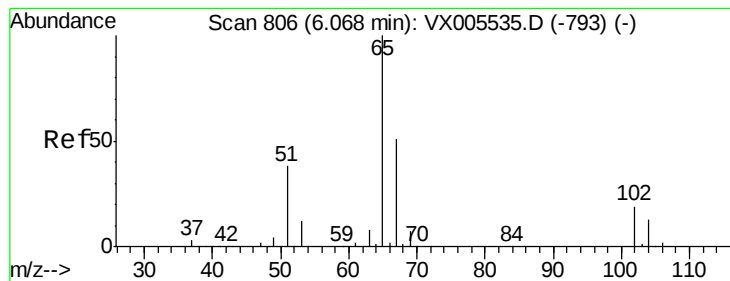


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 44.496 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

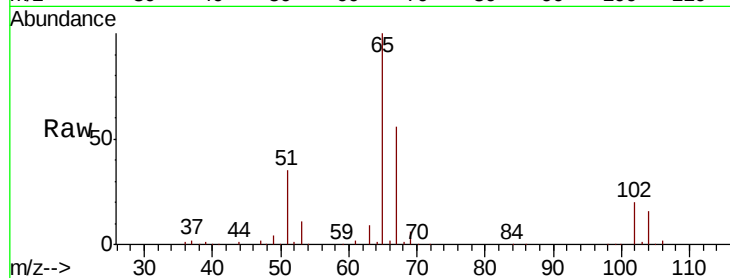
VSTDCCC050

Tot Ion: 65 Resp: 130833

Ion Ratio Lower Upper

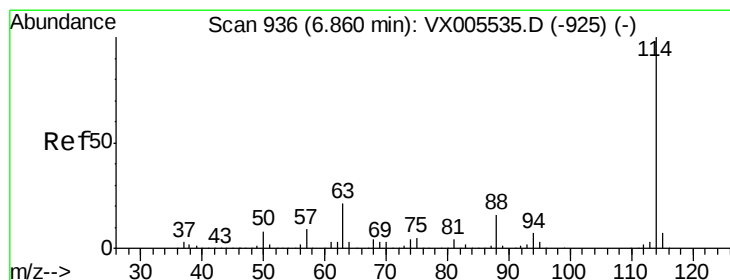
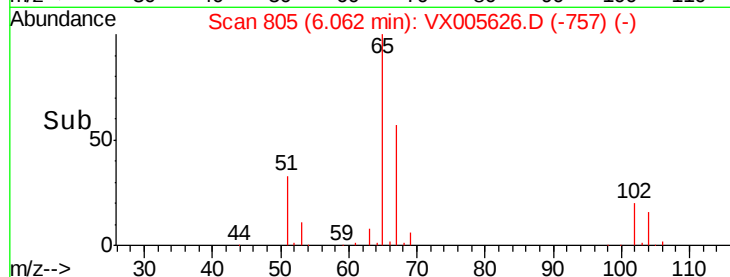
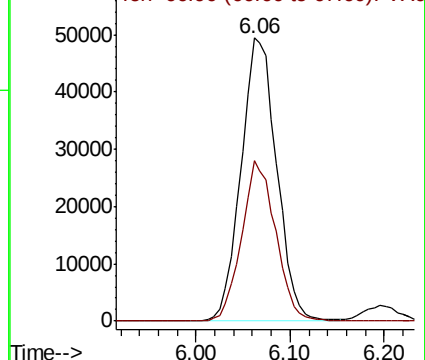
65 100

67 54.3 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

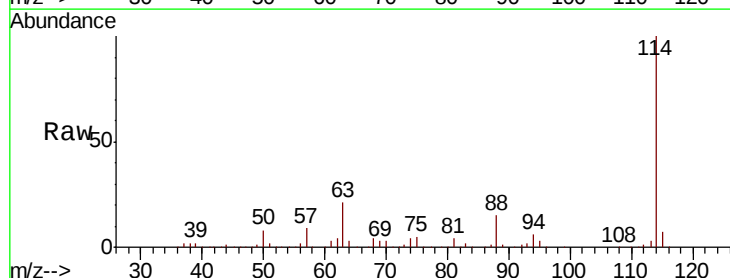
Tgt Ion: 114 Resp: 325802

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

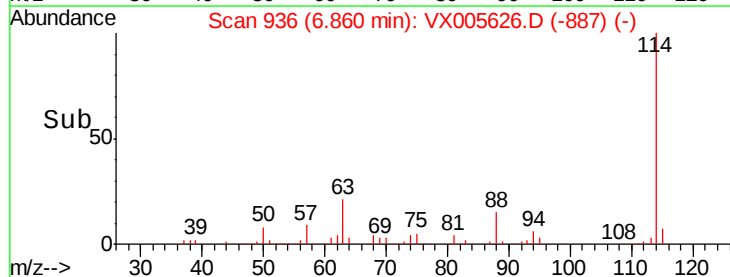
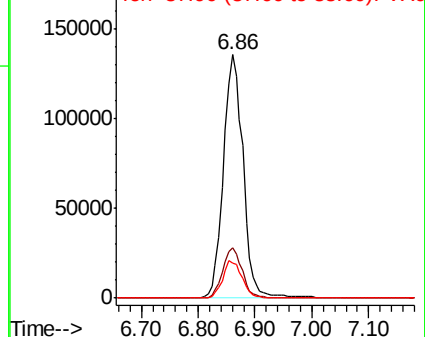
88 14.6 0.0 31.2

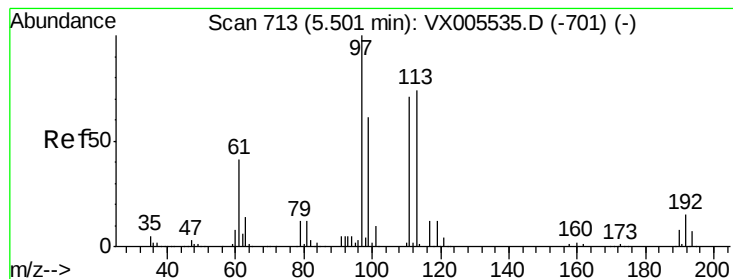


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.286 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

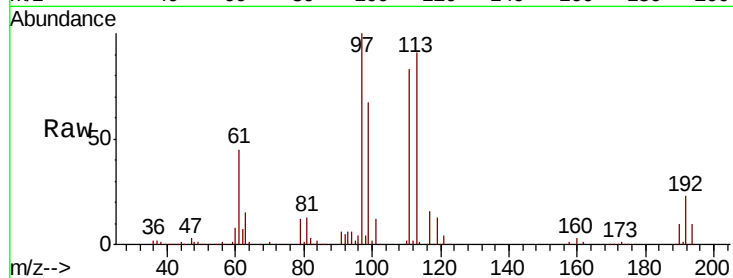
Tot Ion:113 Resp: 110934

Ion Ratio Lower Upper

113 100

111 97.0 82.3 123.5

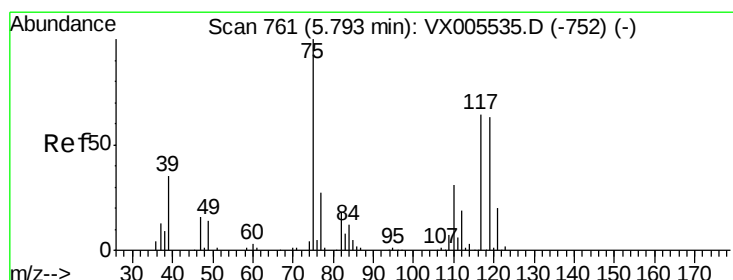
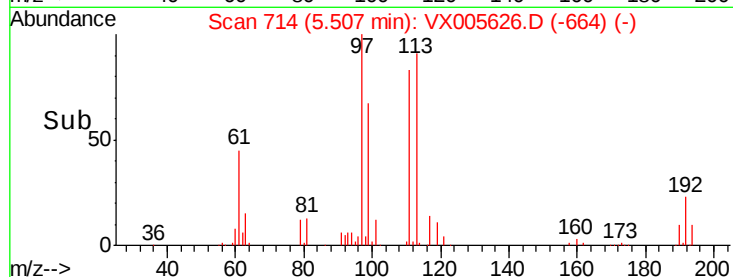
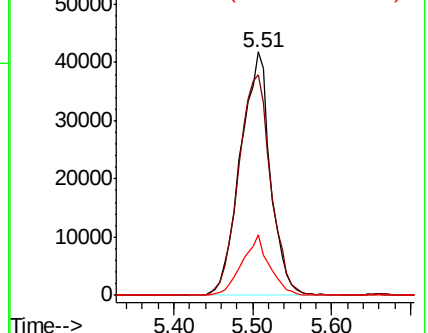
192 22.3 17.9 26.9



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: 50.036 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

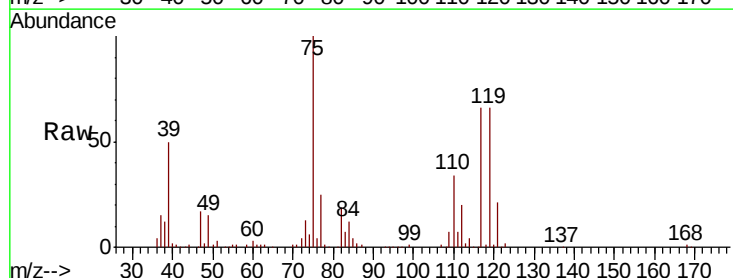
Tgt Ion: 75 Resp: 158203

Ion Ratio Lower Upper

75 100

110 36.0 17.4 52.2

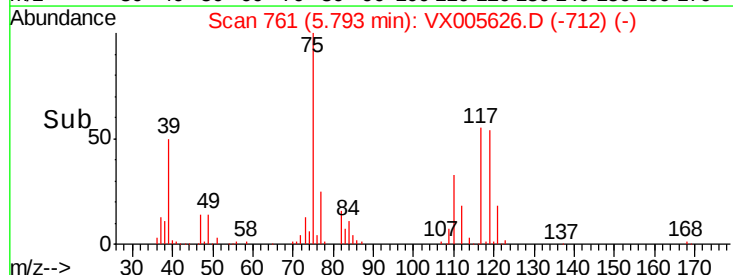
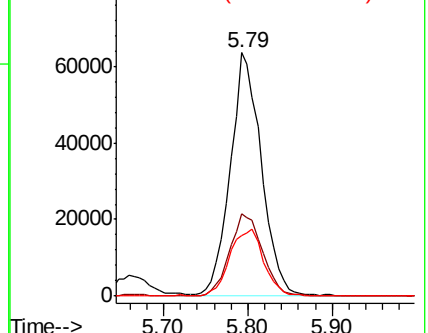
77 30.4 25.8 38.6

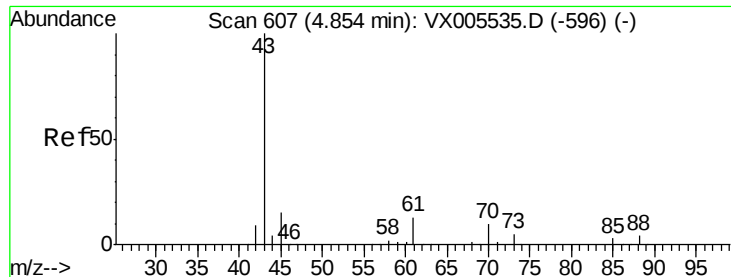


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 53.067 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

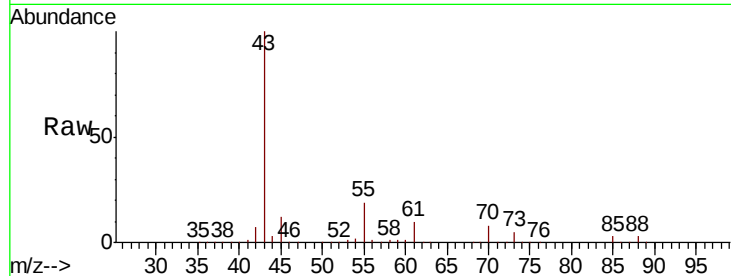
Tot Ion: 43 Resp: 214110

Ion Ratio Lower Upper

43 100

61 13.0 10.8 16.2

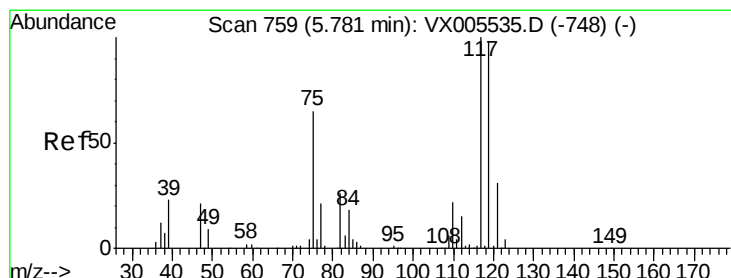
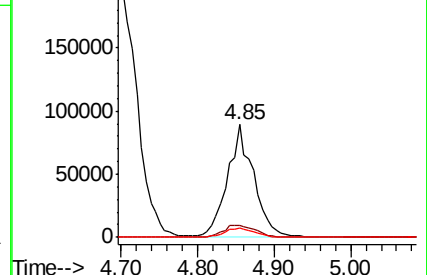
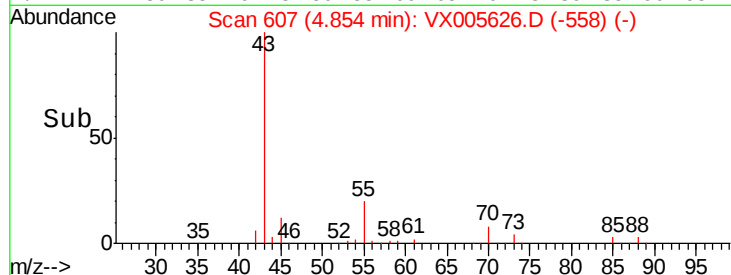
70 9.7 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.470 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

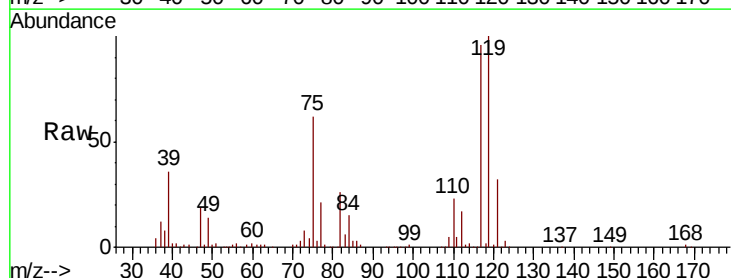
Tgt Ion: 117 Resp: 158080

Ion Ratio Lower Upper

117 100

119 104.5 78.1 117.1

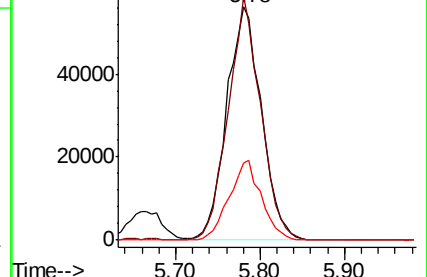
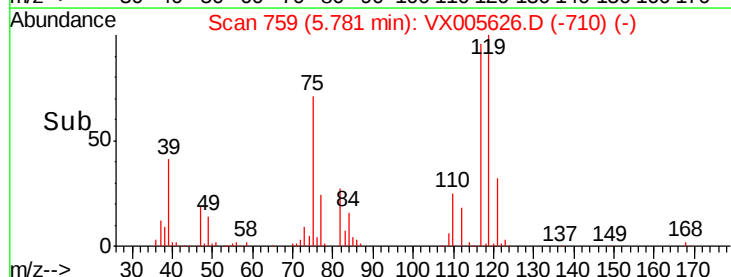
121 33.1 24.6 36.8

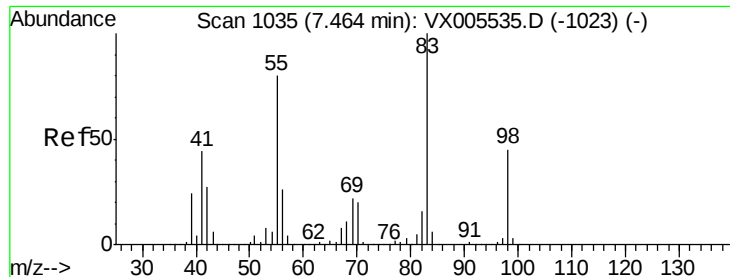


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

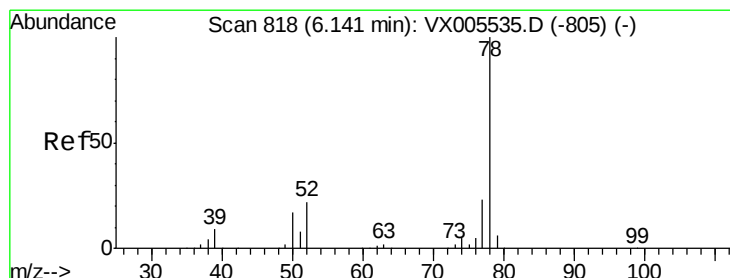
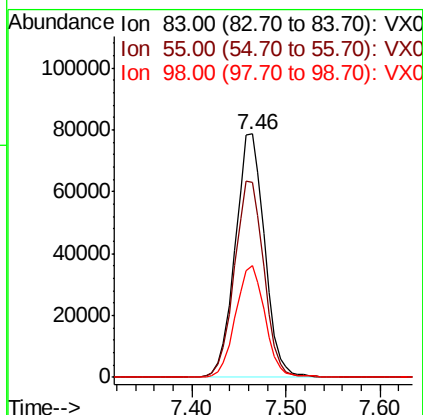
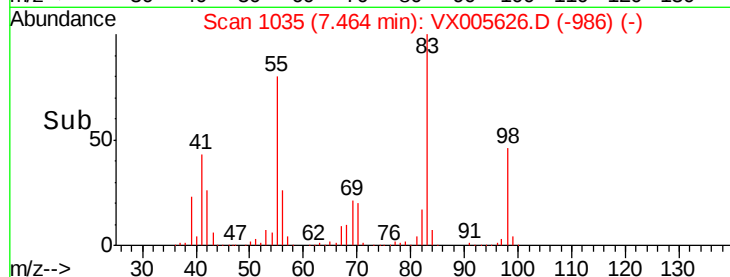
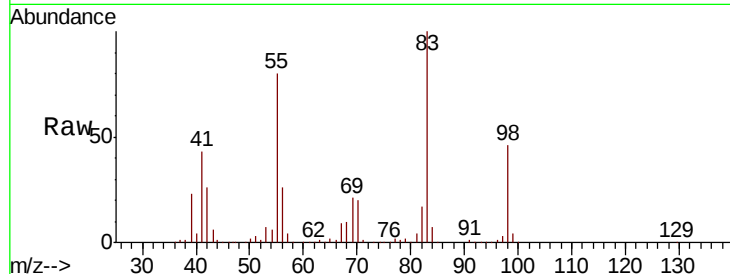




#39
Methvlcvclohexane
Concen: 48.987 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

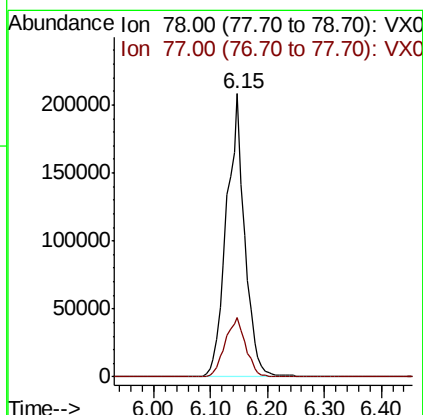
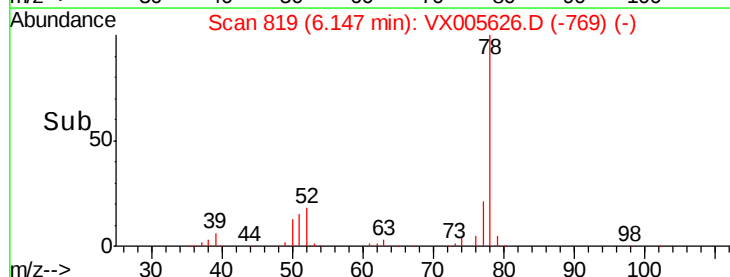
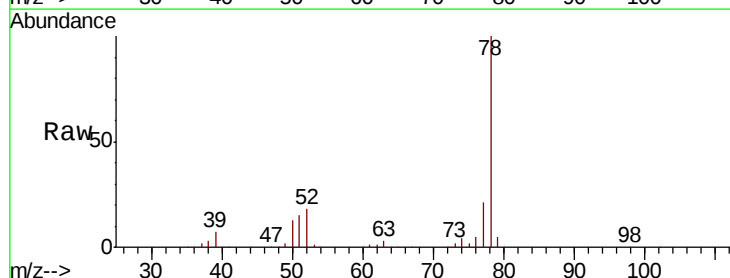
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

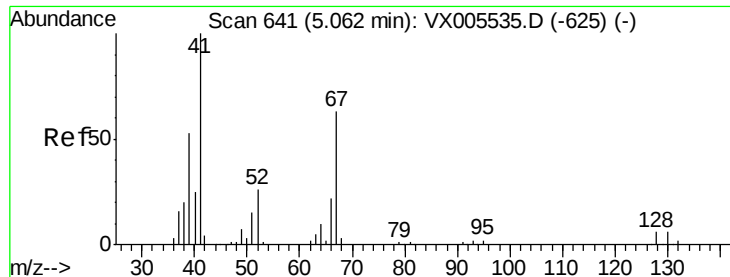
Tot Ion: 83 Resp: 171031
Ion Ratio Lower Upper
83 100
55 80.2 63.7 95.5
98 46.1 36.2 54.2



#40
Benzene
Concen: 51.359 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 78 Resp: 465491
Ion Ratio Lower Upper
78 100
77 21.1 18.4 27.6

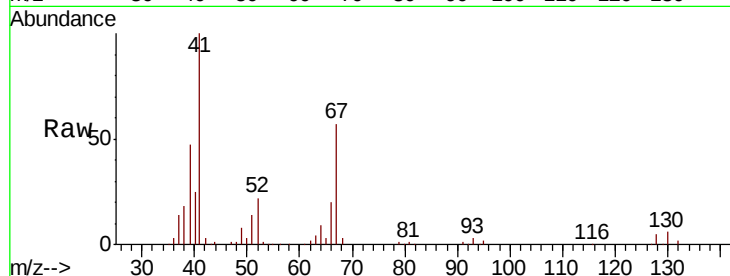




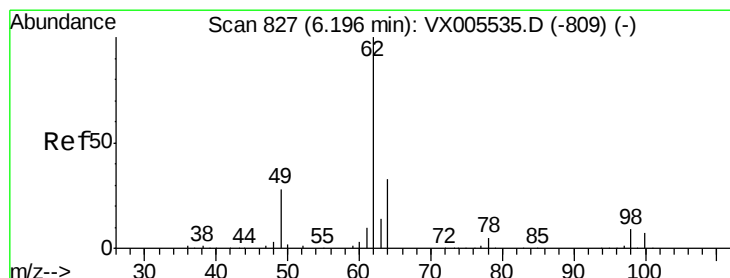
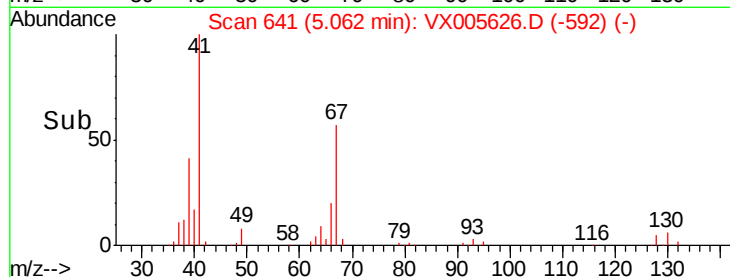
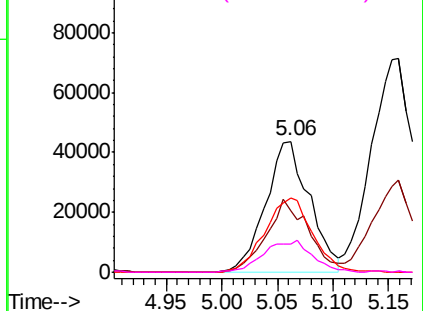
#41
Methacrylonitrile
Concen: 53.399 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	120011
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.2	63.2
67	61.7	53.4	80.0
52	26.5	23.4	35.2

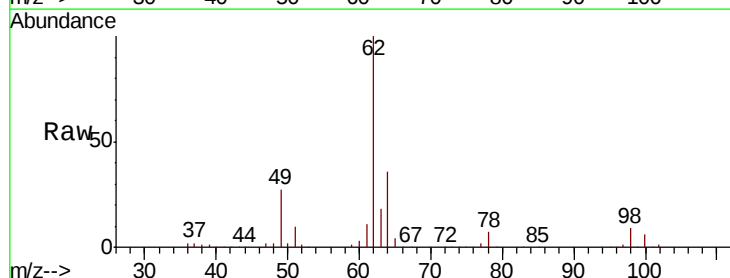


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

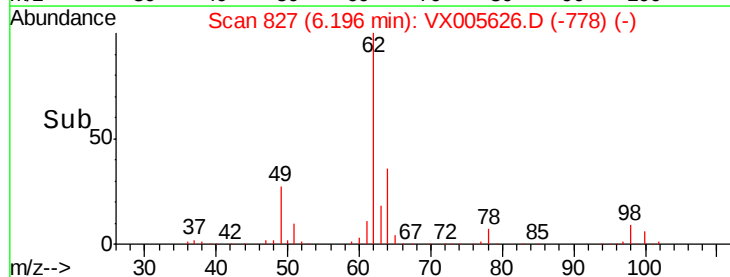
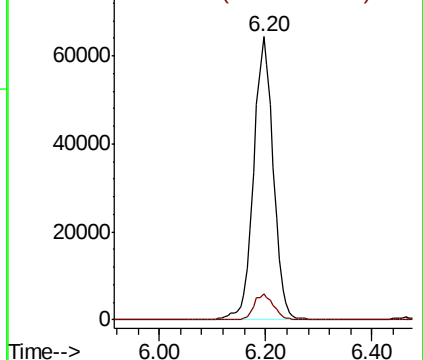


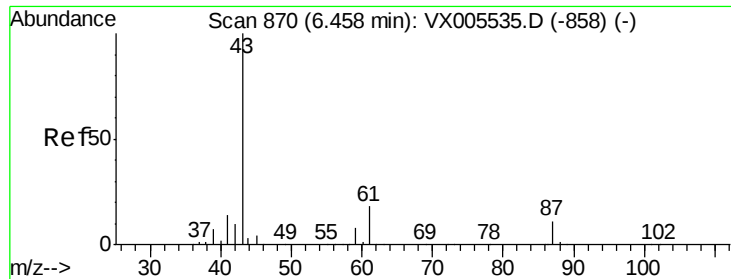
#42
1,2-Dichloroethane
Concen: 47.537 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:	62	Resp:	163676
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 51.227 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

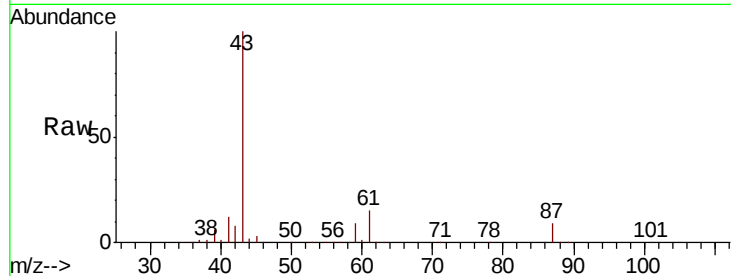
Tot Ion: 43 Resp: 309718

Ion Ratio Lower Upper

43 100

61 18.8 14.6 22.0

87 12.4 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX005535.D (-858) (-)

Ion 61.00 (60.70 to 61.70): VX005535.D (-858) (-)

Ion 87.00 (86.70 to 87.70): VX005535.D (-858) (-)

6.45

150000

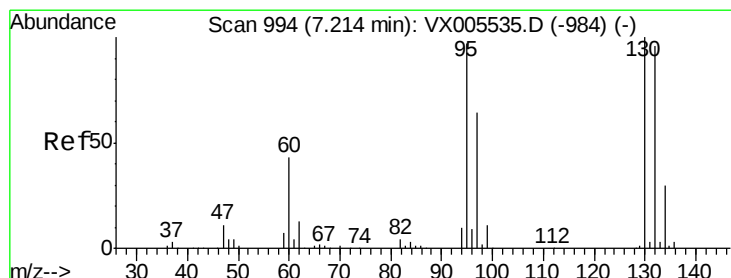
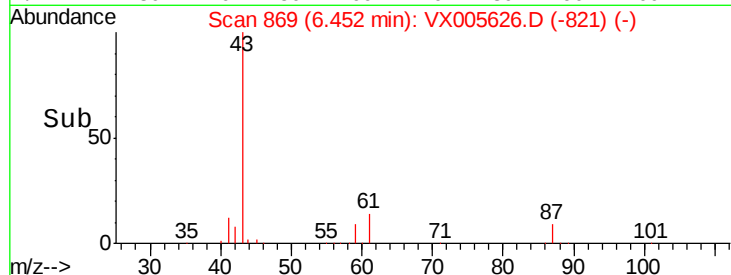
100000

50000

0

6.30 6.40 6.50 6.60 6.70

Time-->



#44

Trichloroethene

Concen: 49.377 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005626.D

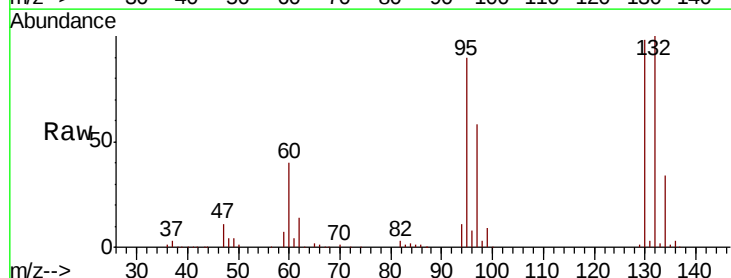
Acq: 27 Oct 2018 01:08

Tgt Ion:130 Resp: 121918

Ion Ratio Lower Upper

130 100

95 91.9 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): VX005535.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX005535.D (-984) (-)

7.21

60000

50000

40000

30000

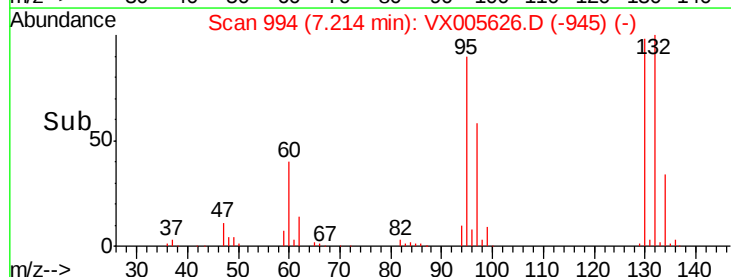
20000

10000

0

7.10 7.20 7.30 7.40

Time-->





#45

1,2-Dichloropropane

Concen: 49.161 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

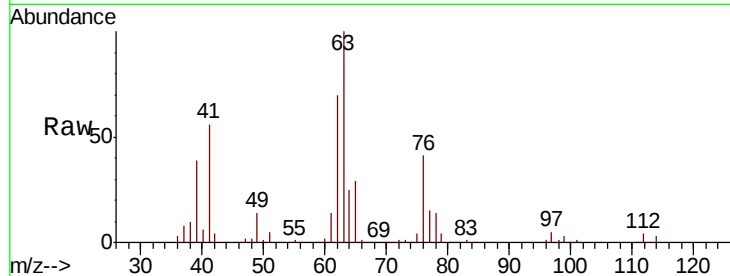
VSTDCCC050

Tot Ion: 63 Resp: 119794

Ion Ratio Lower Upper

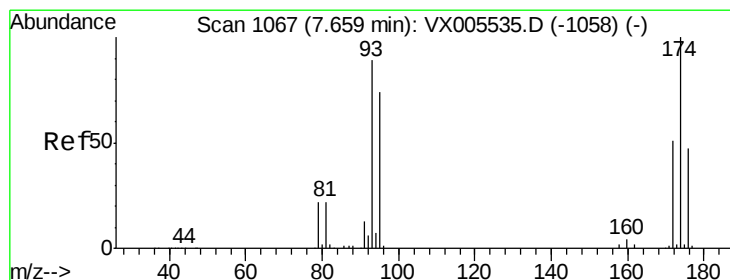
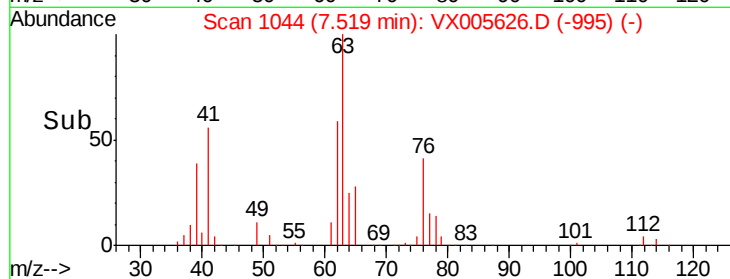
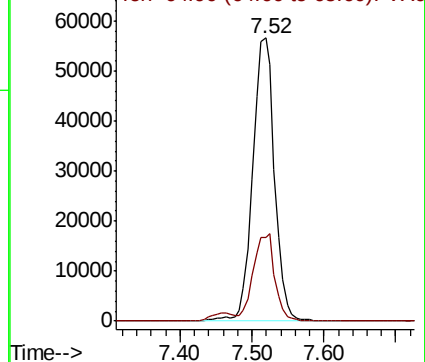
63 100

65 29.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.971 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

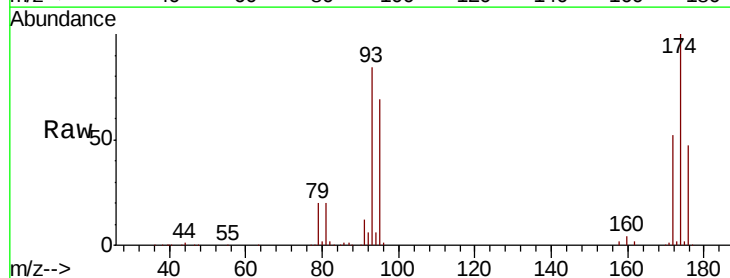
Tgt Ion: 93 Resp: 75498

Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

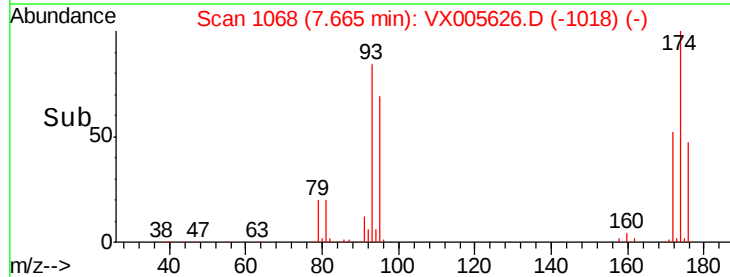
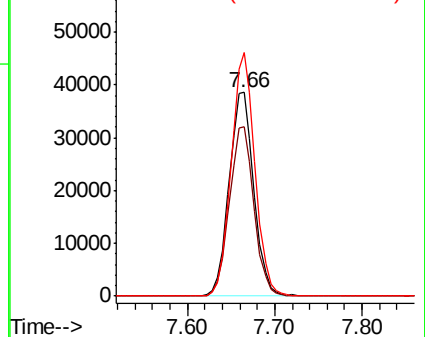
174 115.0 91.5 137.3

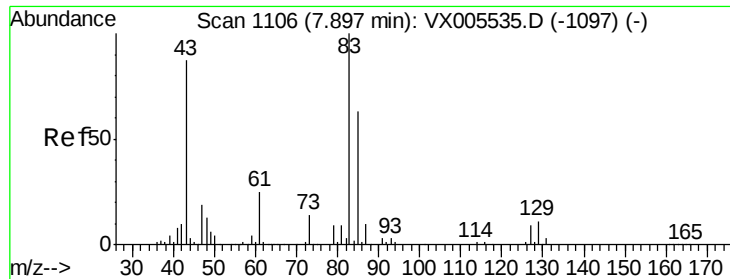


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.408 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

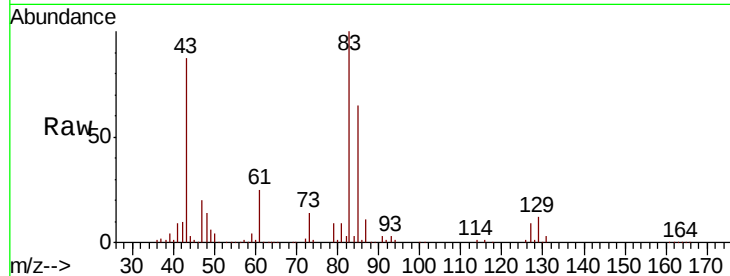
Tot Ion: 83 Resp: 147865

Ion Ratio Lower Upper

83 100

85 64.4 50.2 75.4

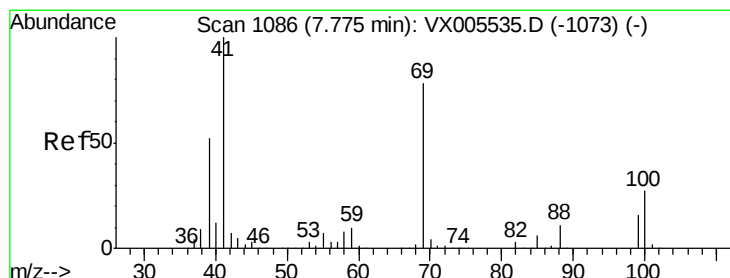
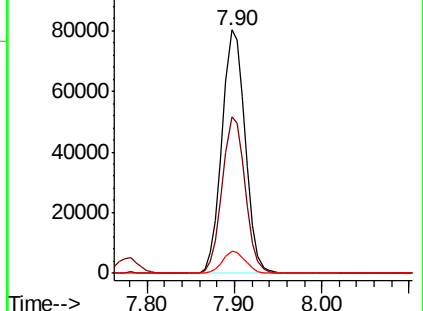
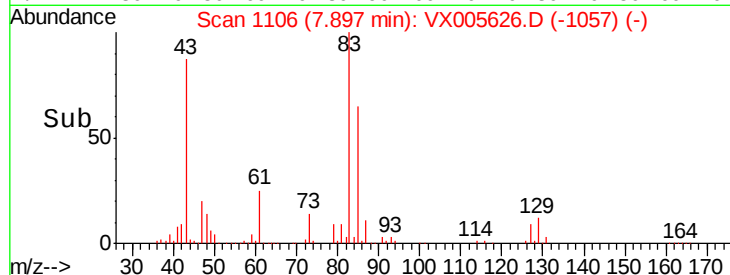
127 9.0 6.9 10.3



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: 51.496 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

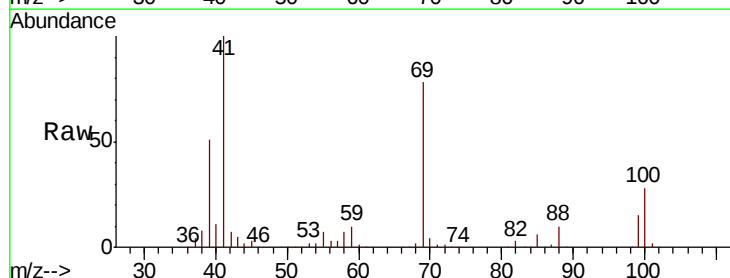
Tgt Ion: 41 Resp: 151677

Ion Ratio Lower Upper

41 100

69 79.4 63.2 94.8

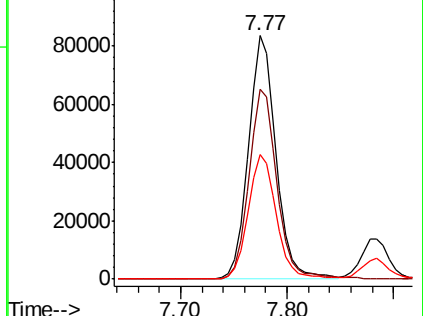
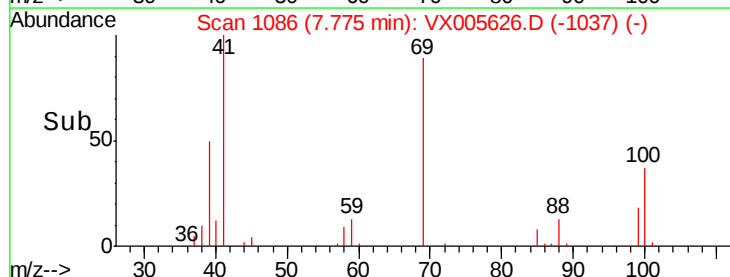
39 52.3 42.2 63.2

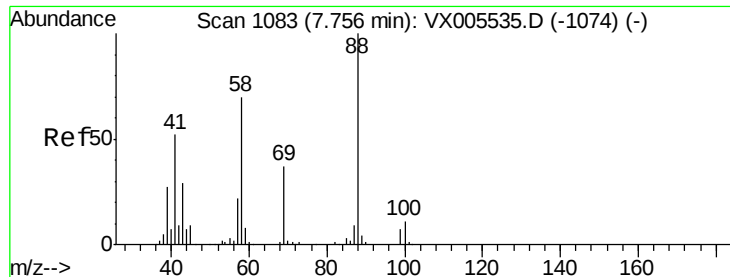


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1006.654 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

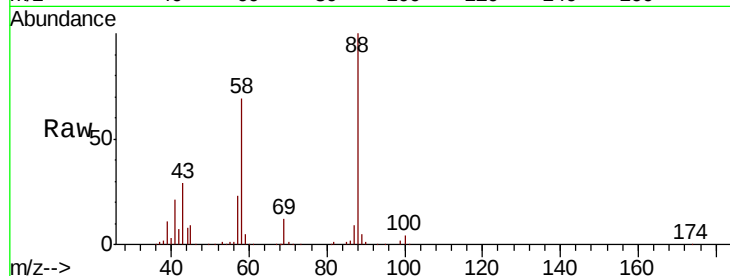
Tot Ion: 88 Resp: 64795

Ion Ratio Lower Upper

88 100

43 33.7 27.4 41.0

58 73.7 59.4 89.2



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

200000

150000

100000

50000

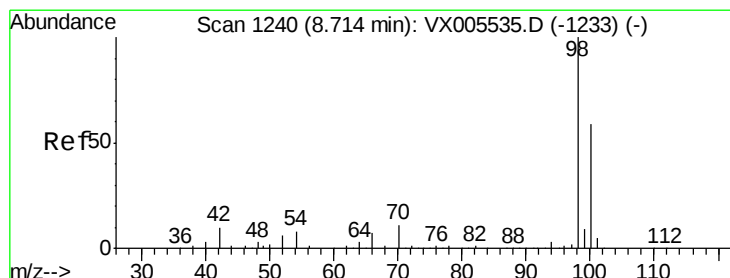
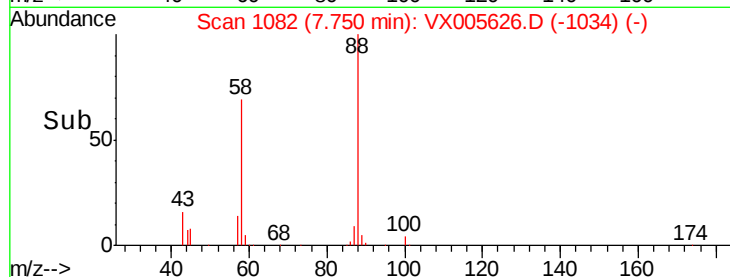
0

7.75

7.80

7.90

Time-->



#50

Toluene-d8

Concen: 48.727 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005626.D

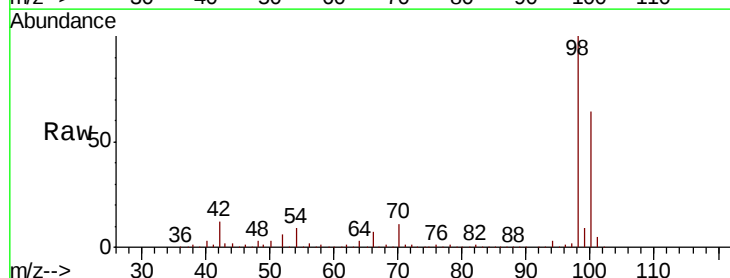
Acq: 27 Oct 2018 01:08

Tgt Ion: 98 Resp: 386249

Ion Ratio Lower Upper

98 100

100 64.4 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

50000

0

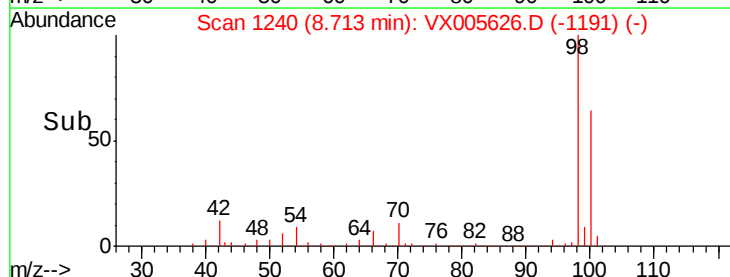
8.71

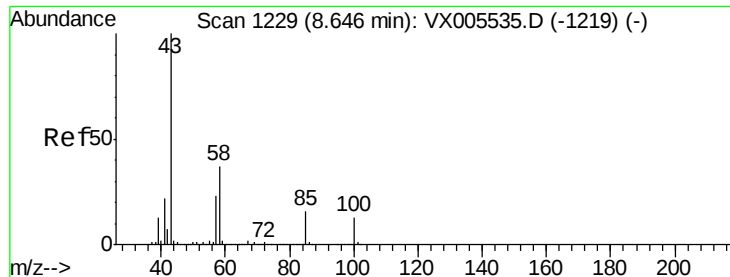
8.80

8.90

9.00

Time-->

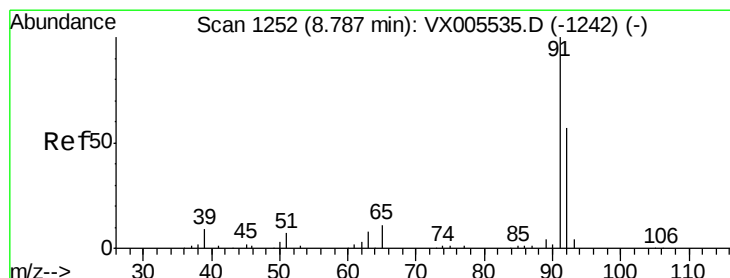
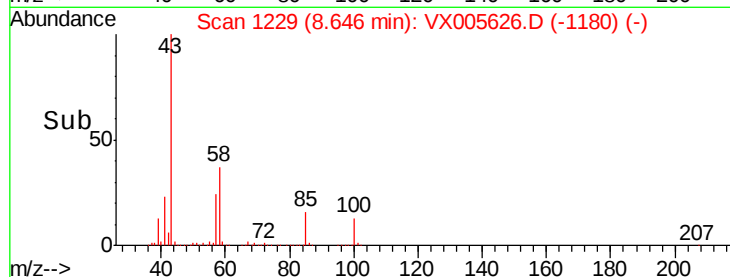
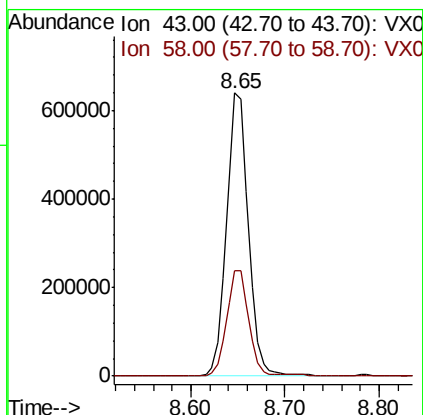
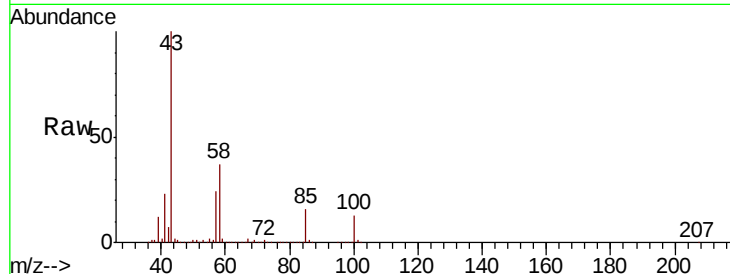




#51
 4-Methyl-2-Pentanone
 Concen: 253.115 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

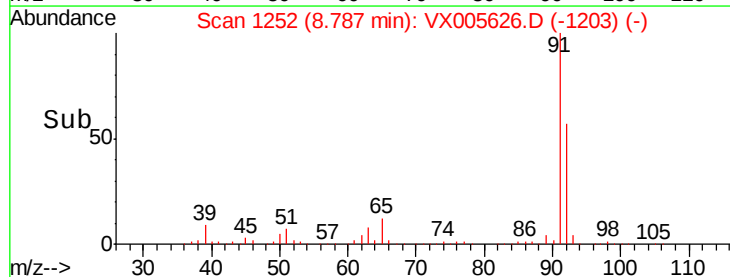
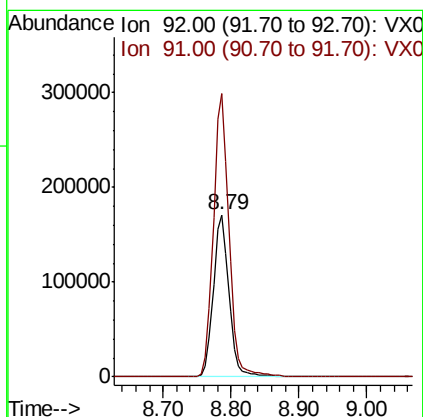
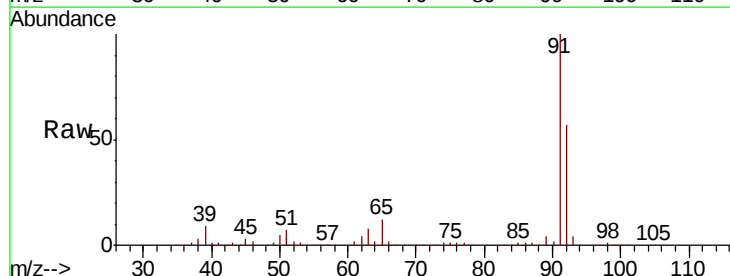
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

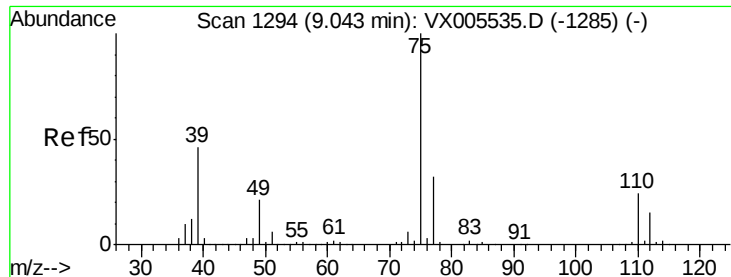
Tot Ion: 43 Resp: 1028483
 Ion Ratio Lower Upper
 43 100
 58 38.1 29.7 44.5



#52
 Toluene
 Concen: 49.679 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

Tgt Ion: 92 Resp: 273650
 Ion Ratio Lower Upper
 92 100
 91 174.3 140.4 210.6

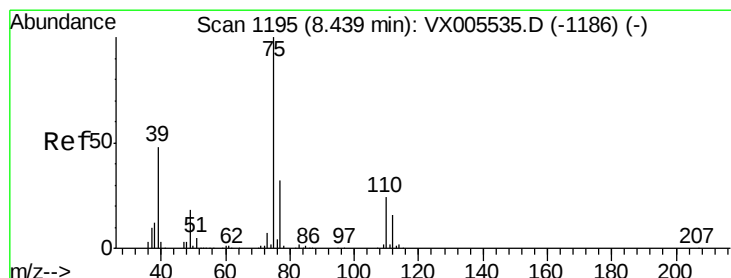
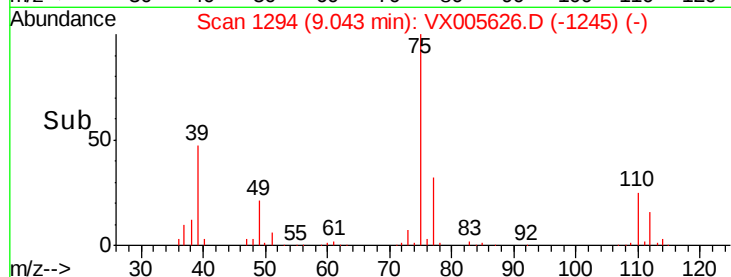
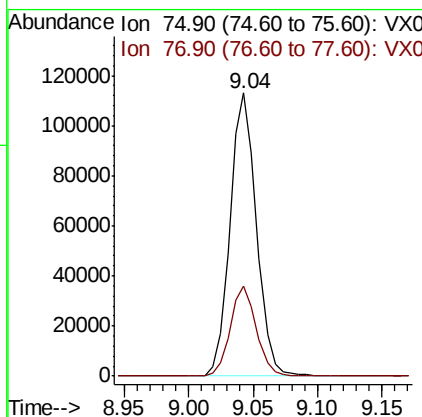
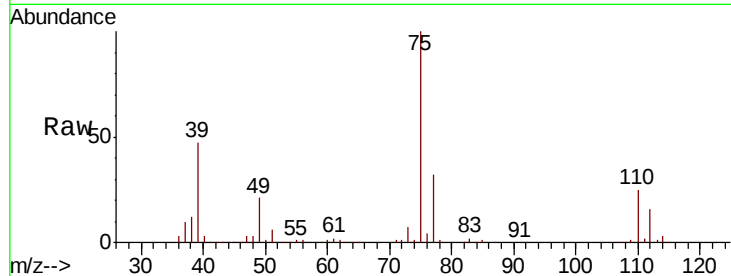




#53
t-1,3-Dichloropropene
Concen: 48.952 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

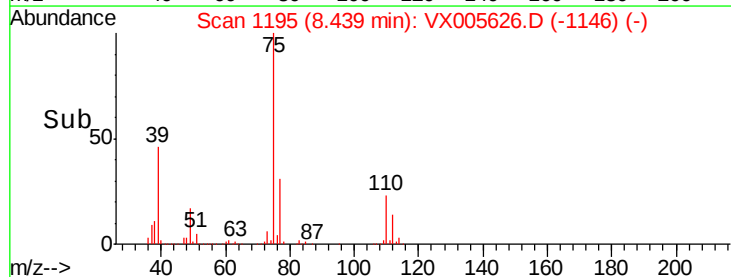
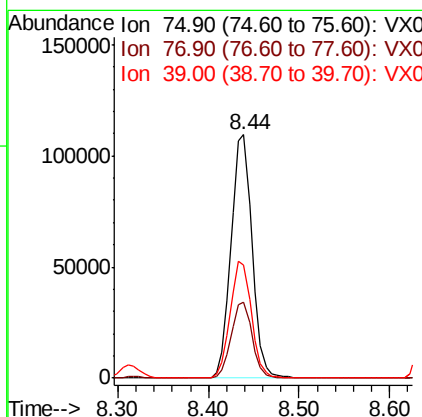
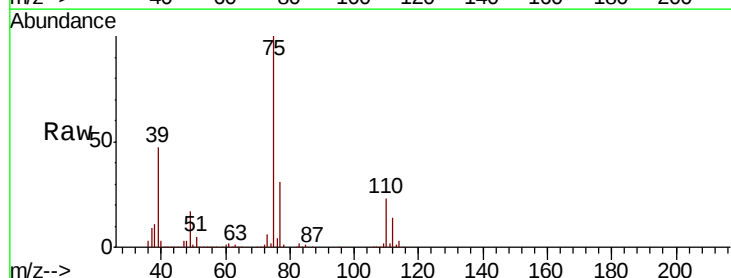
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

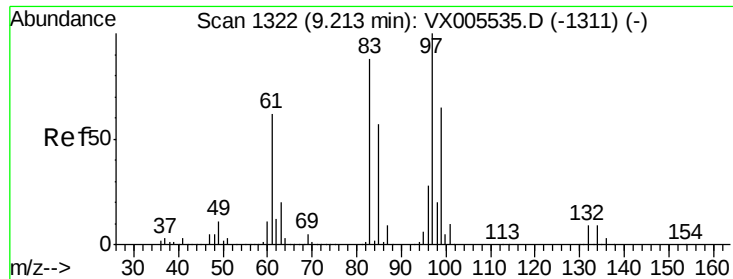
Tot Ion: 75 Resp: 161603
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.759 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 75 Resp: 176857
Ion Ratio Lower Upper
75 100
77 31.2 25.2 37.8
39 46.5 38.2 57.2

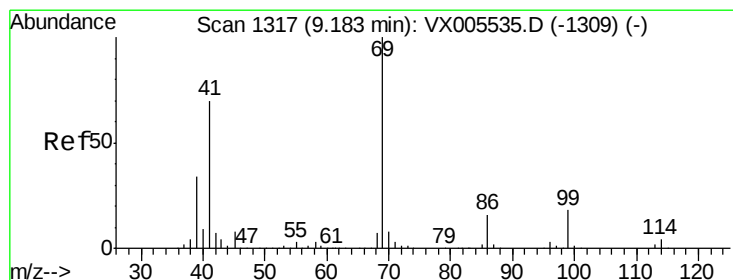
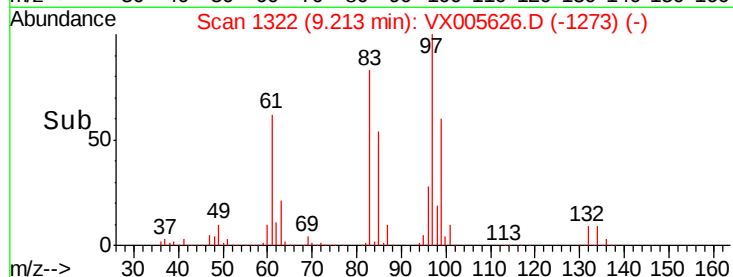
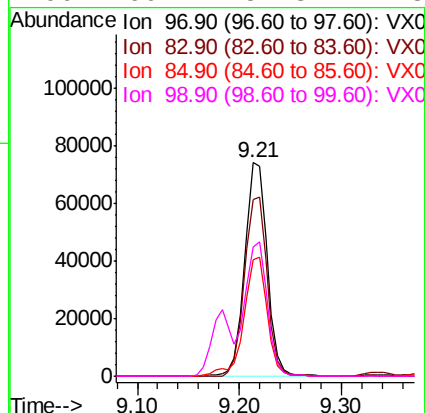
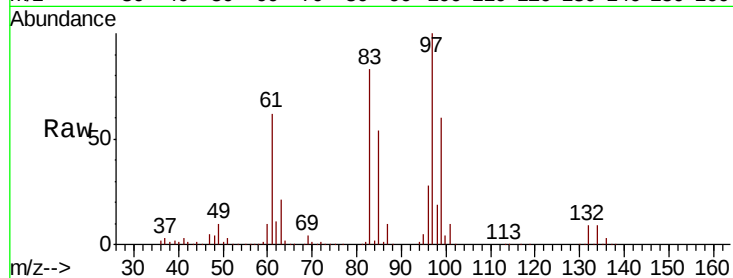




#55
 1,1,2-Trichloroethane
 Concen: 48.766 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

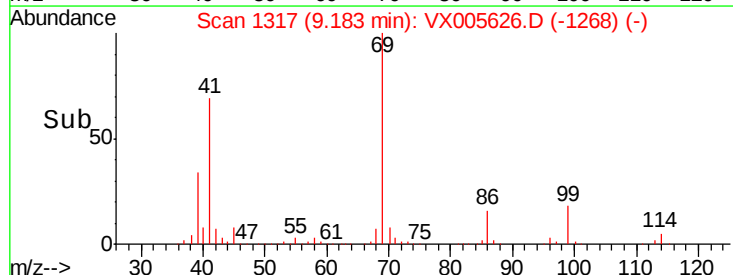
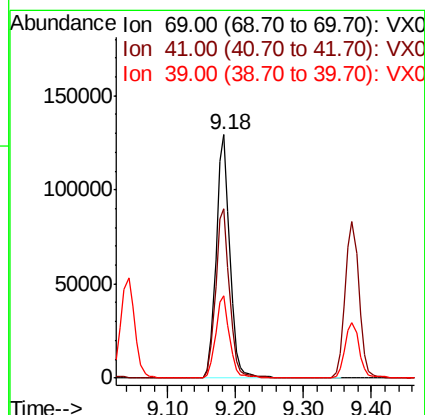
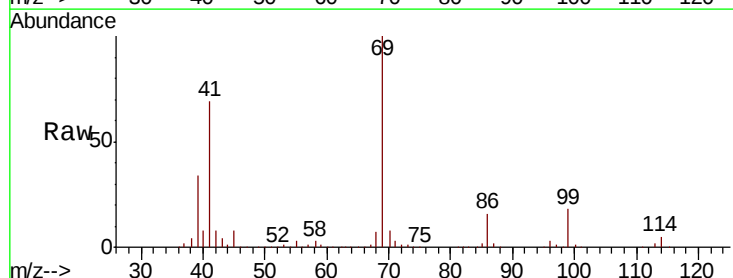
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

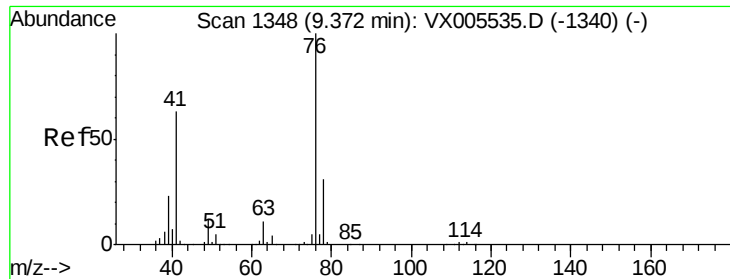
Tot Ion: 97 Resp: 113253
 Ion Ratio Lower Upper
 97 100
 83 82.9 70.7 106.1
 85 54.4 45.8 68.6
 99 60.2 51.8 77.8



#56
 Ethyl methacrylate
 Concen: 52.138 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

Tgt Ion: 69 Resp: 180607
 Ion Ratio Lower Upper
 69 100
 41 70.9 57.0 85.6
 39 34.2 28.3 42.5





#57

1,3-Dichloropropane

Concen: 48.218 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

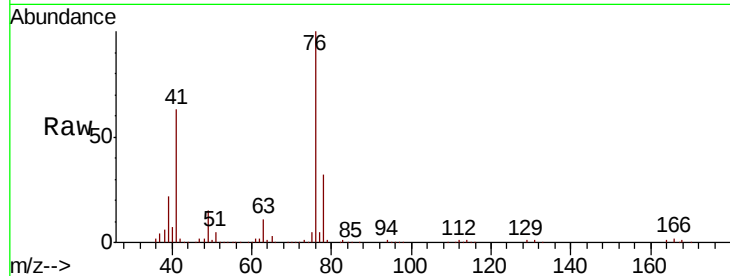
VSTDCCC050

Tot Ion: 76 Resp: 189475

Ion Ratio Lower Upper

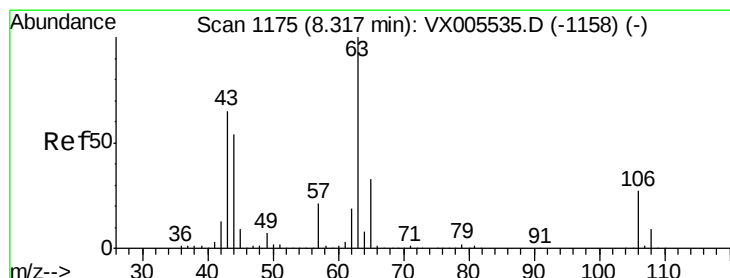
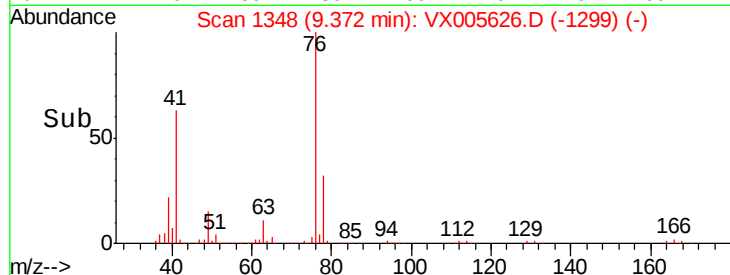
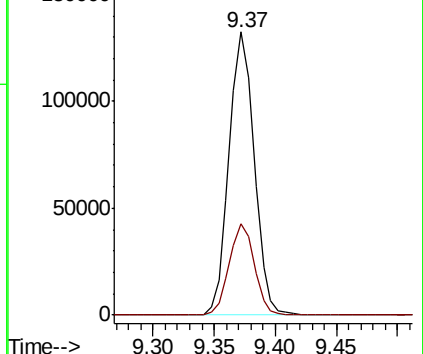
76 100

78 32.3 25.3 37.9



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: 244.929 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005626.D

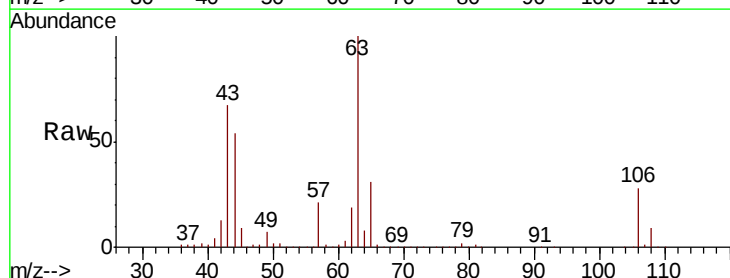
Acq: 27 Oct 2018 01:08

Tgt Ion: 63 Resp: 473860

Ion Ratio Lower Upper

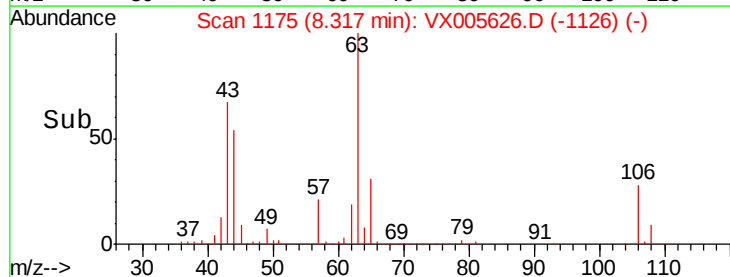
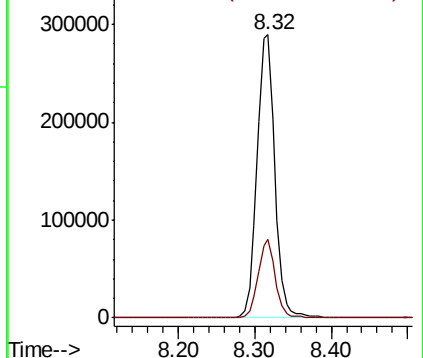
63 100

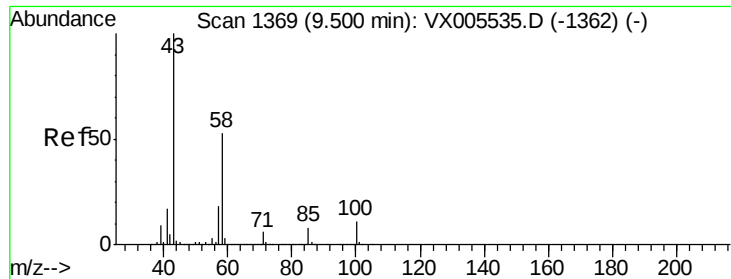
106 26.8 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

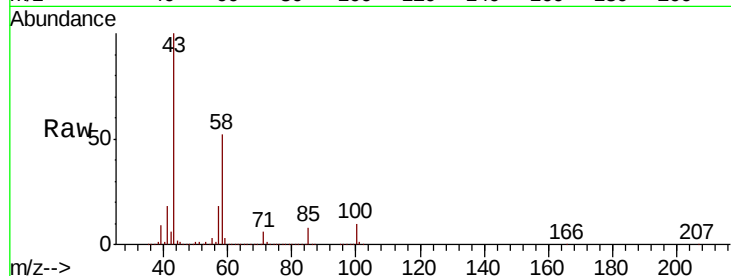




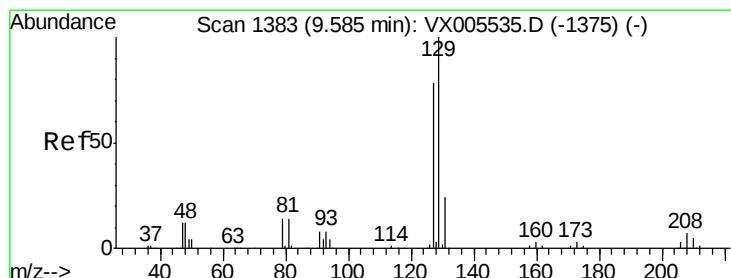
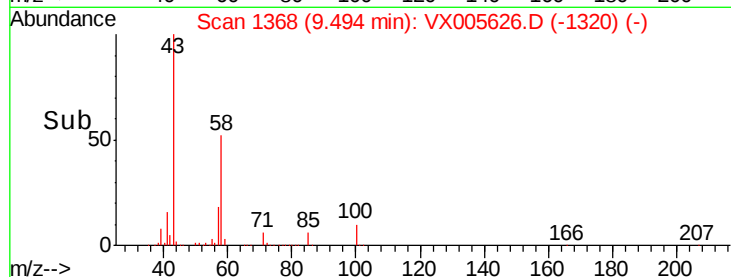
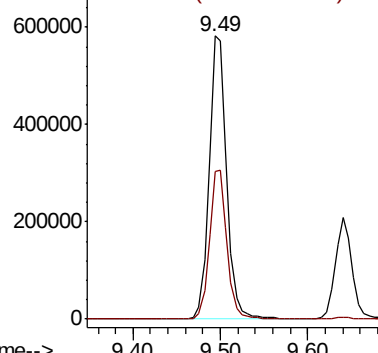
#59
2-Hexanone
Concen: 254.826 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 816387
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8

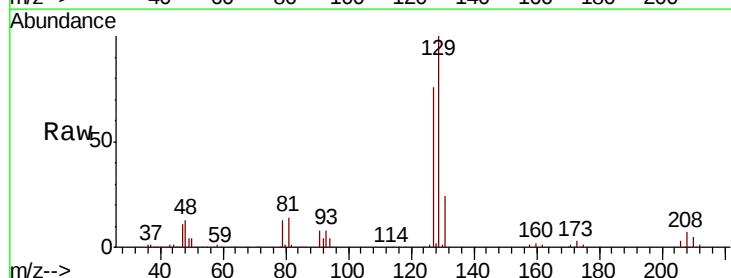


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

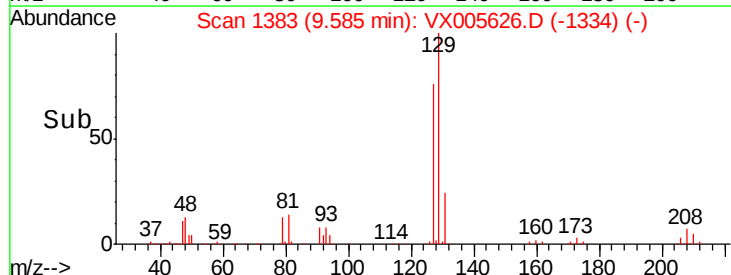
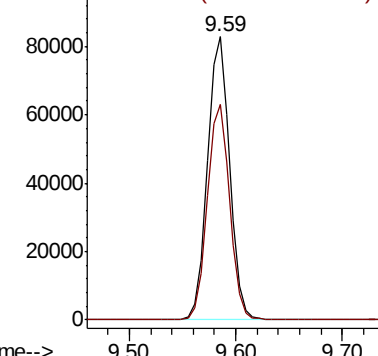


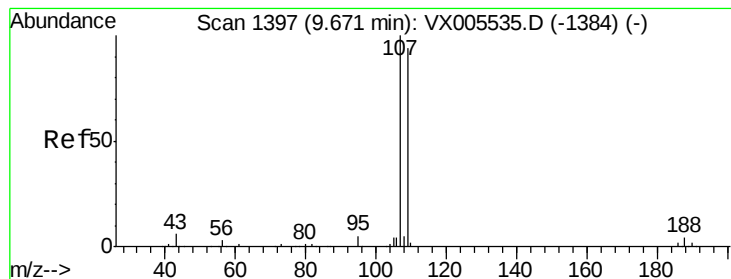
#60
Dibromochloromethane
Concen: 49.964 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:129 Resp: 121063
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 49.728 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

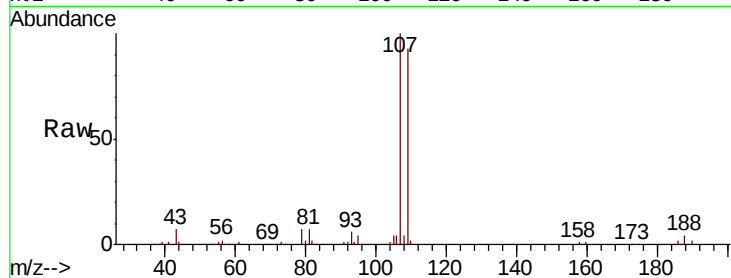
VSTDCCC050

Tot Ion:107 Resp: 119475

Ion Ratio Lower Upper

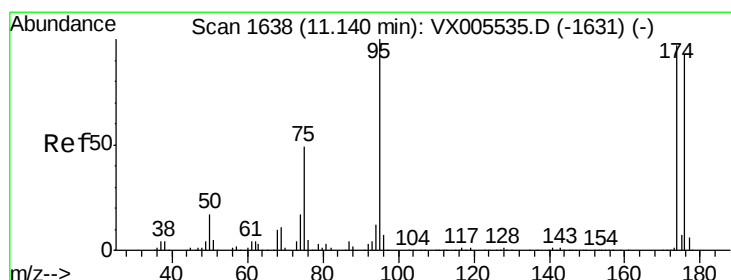
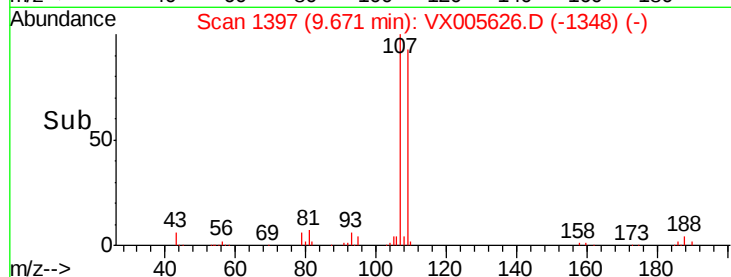
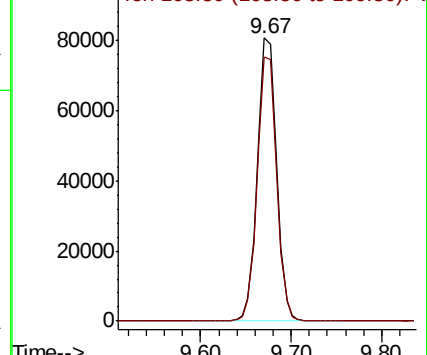
107 100

109 94.1 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.610 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

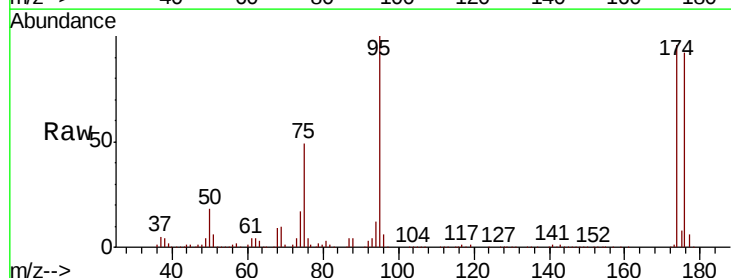
Tgt Ion: 95 Resp: 145515

Ion Ratio Lower Upper

95 100

174 92.0 0.0 184.4

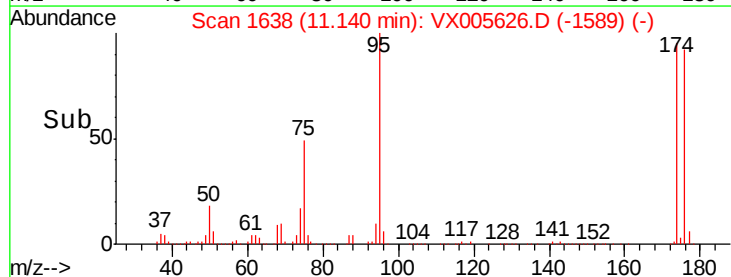
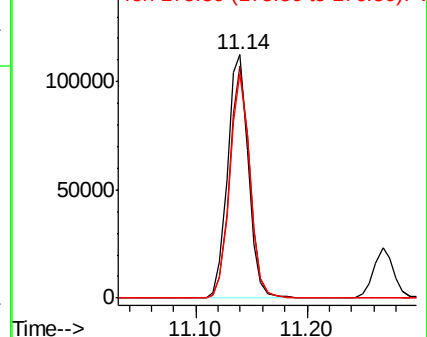
176 89.3 0.0 177.4

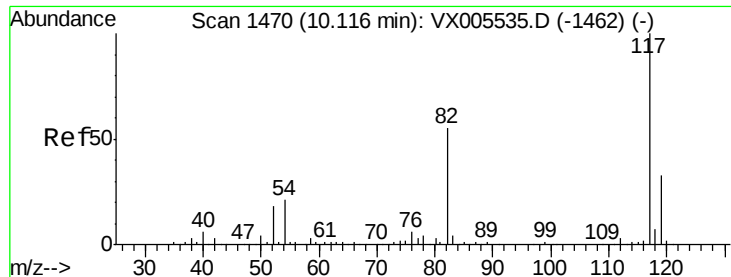


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

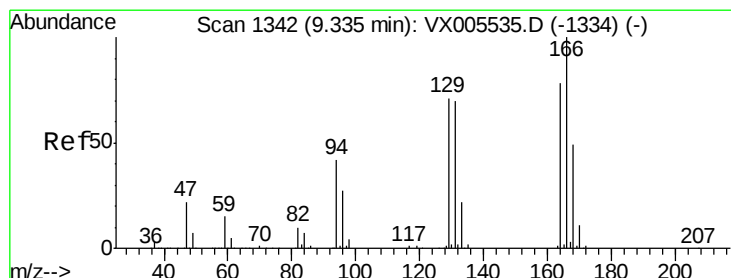
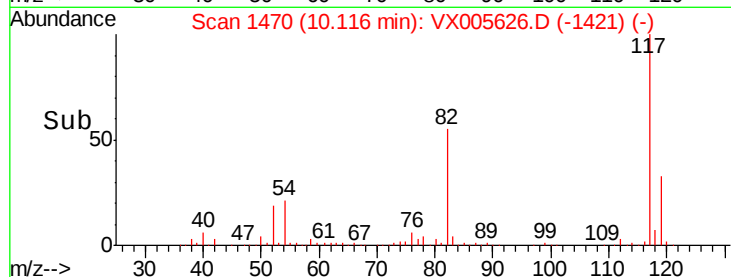
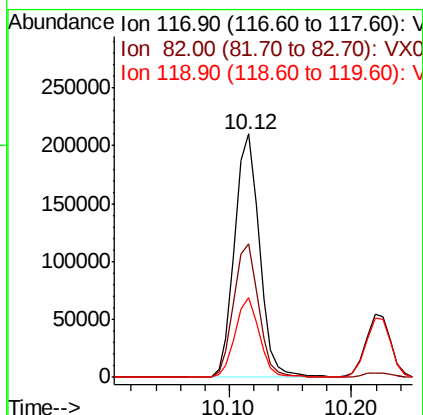
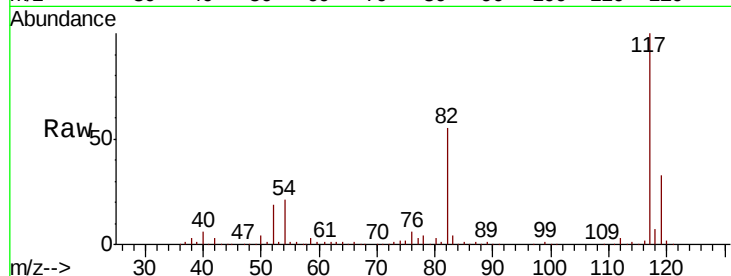




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

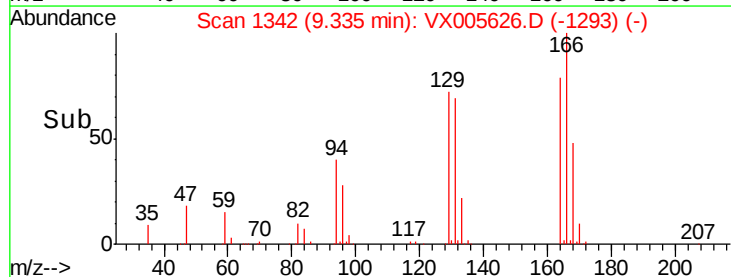
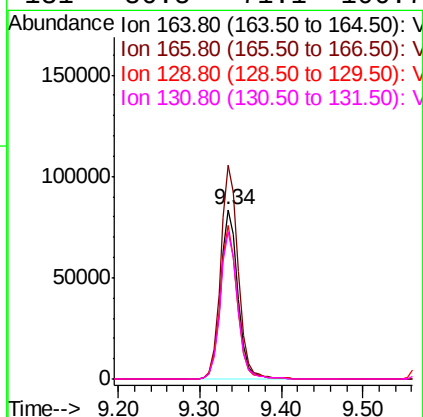
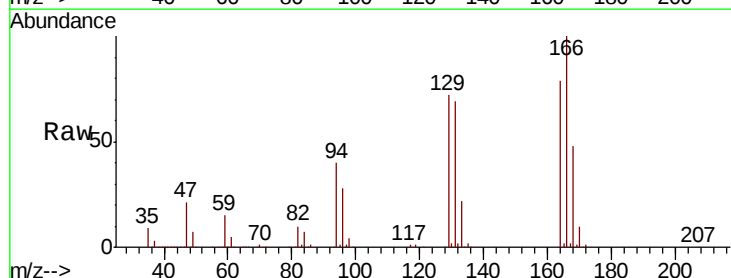
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

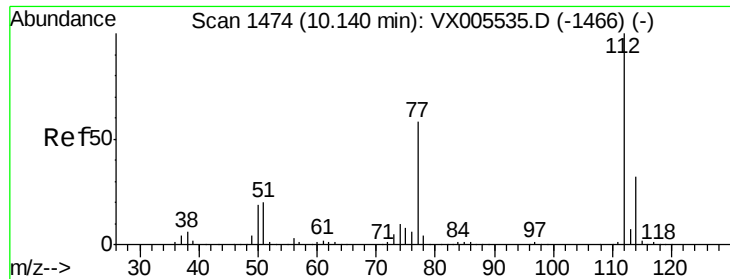
Tot Ion:117 Resp: 295247
Ion Ratio Lower Upper
117 100
82 54.8 44.1 66.1
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 50.281 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:164 Resp: 123236
Ion Ratio Lower Upper
164 100
166 126.0 101.9 152.9
129 90.8 72.6 109.0
131 86.5 71.1 106.7





#65

Chlorobenzene

Concen: 48.996 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

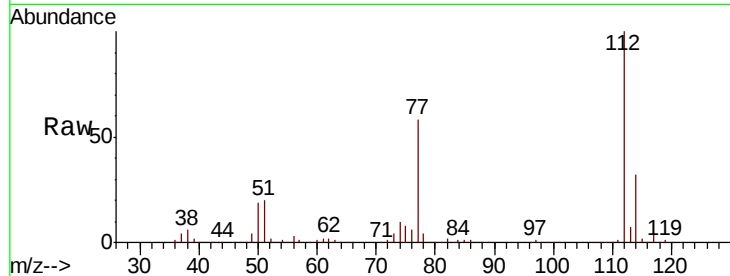
VSTDCCC050

Tot Ion:112 Resp: 308040

Ion Ratio Lower Upper

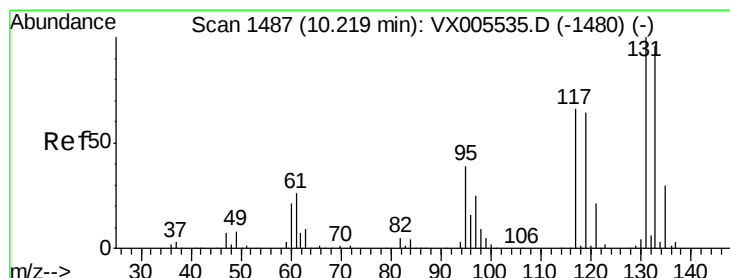
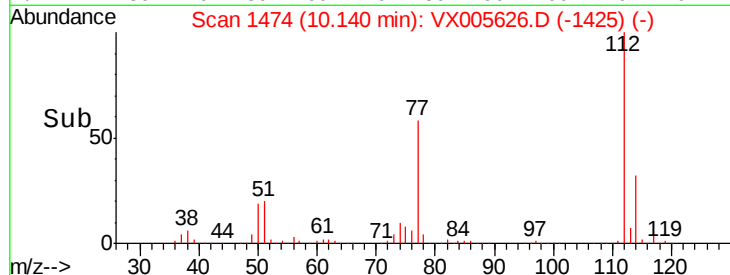
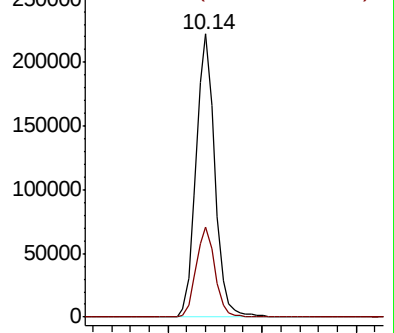
112 100

114 32.0 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.649 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.01 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

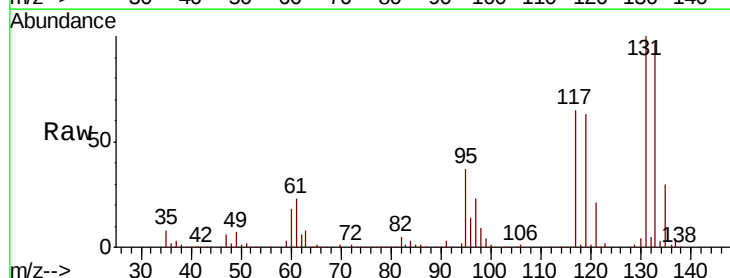
Tgt Ion:131 Resp: 113818

Ion Ratio Lower Upper

131 100

133 96.3 47.5 142.5

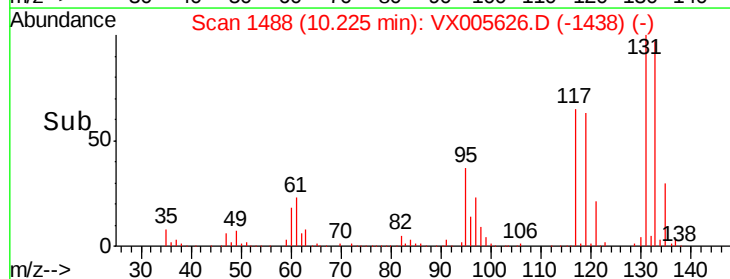
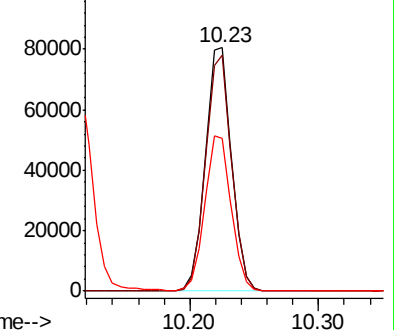
119 64.4 31.8 95.3

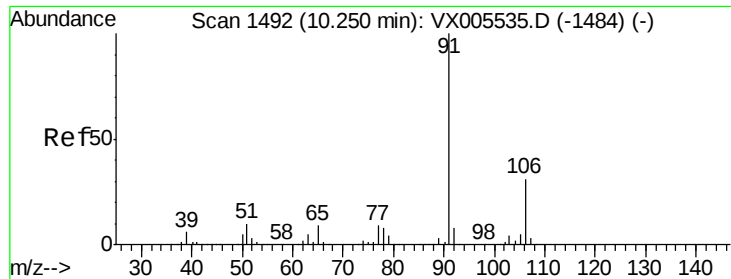


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

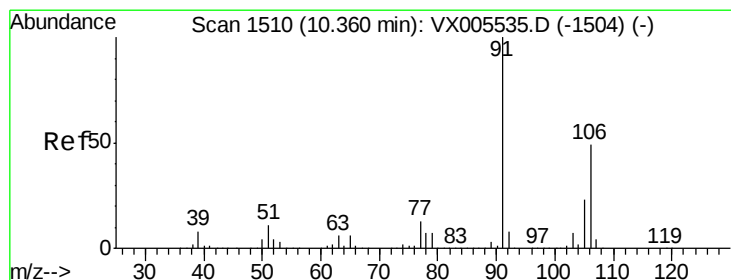
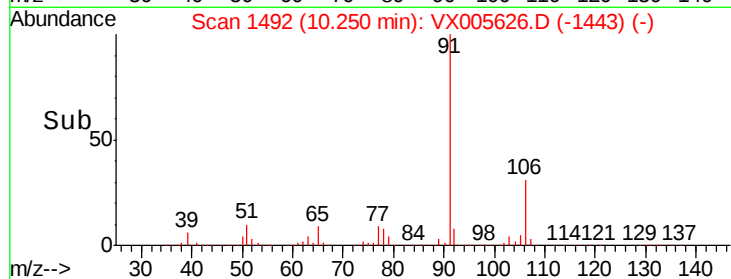
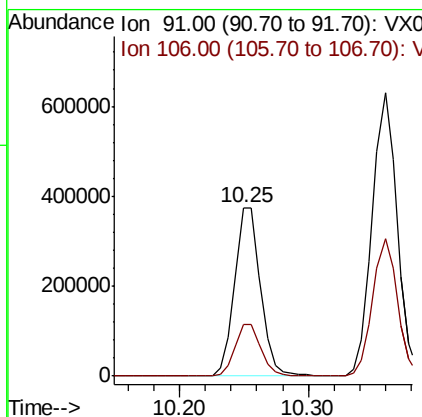
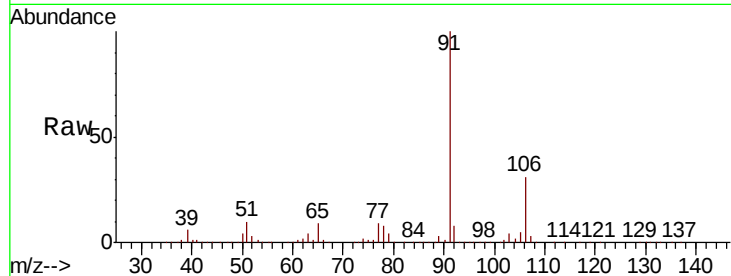




#67
Ethyl Benzene
Concen: 51.235 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

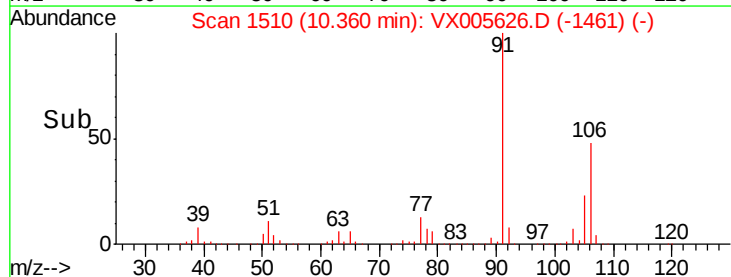
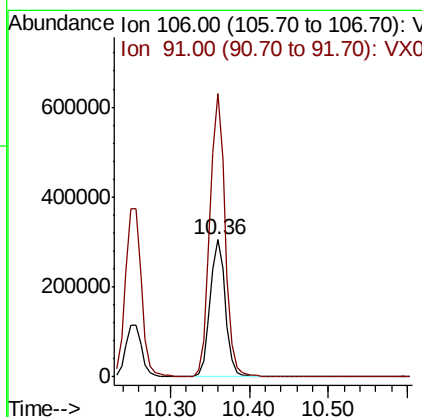
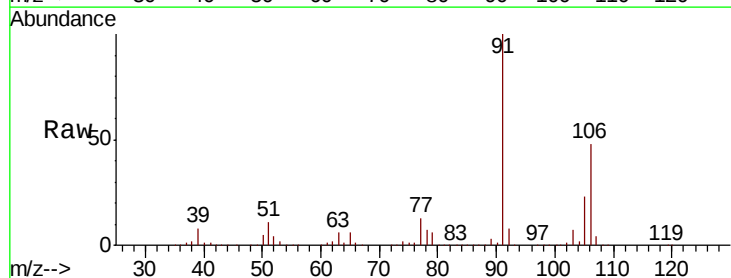
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

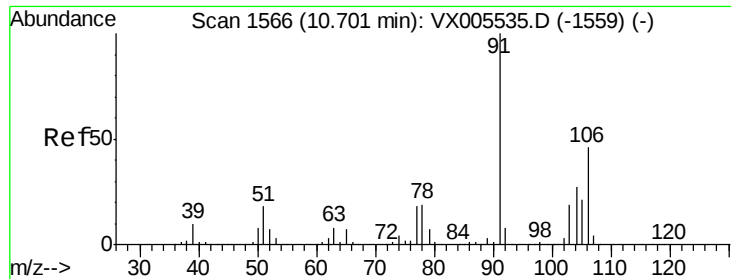
Tot Ion: 91 Resp: 529981
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6



#68
m/p-Xylenes
Concen: 102.490 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 106 Resp: 411315
Ion Ratio Lower Upper
106 100
91 205.3 164.2 246.4

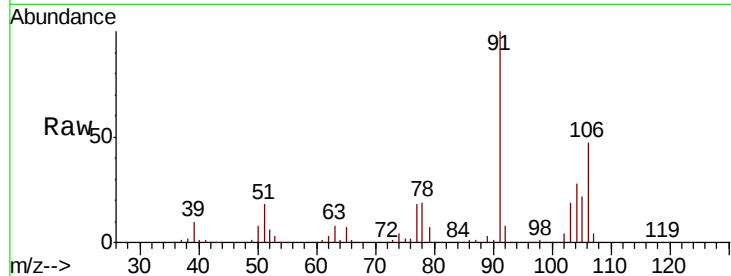




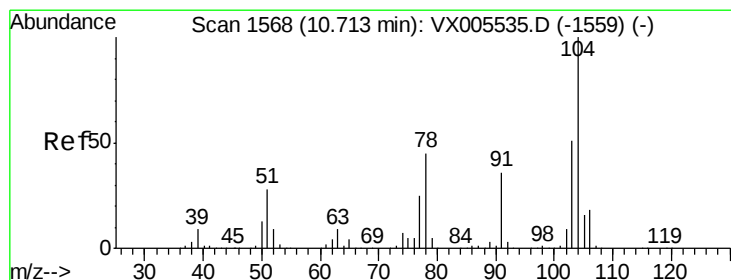
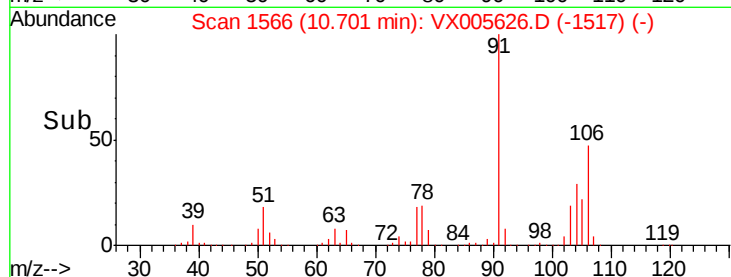
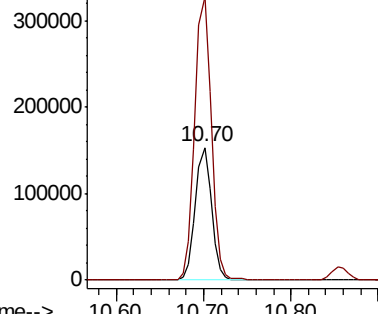
#69
o-Xylene
Concen: 52.436 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 197984
Ion Ratio Lower Upper
106 100
91 216.6 108.5 325.5

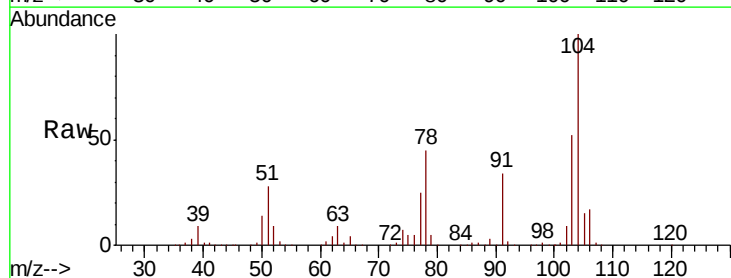


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

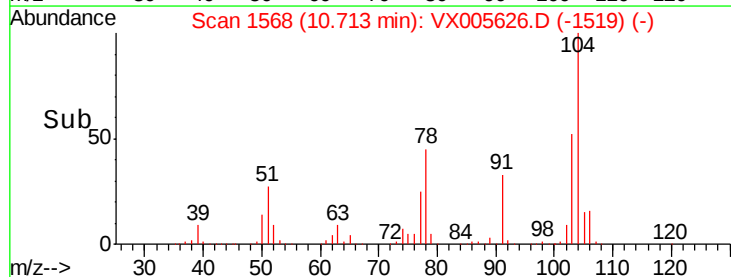
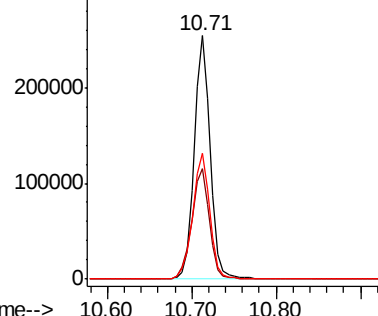


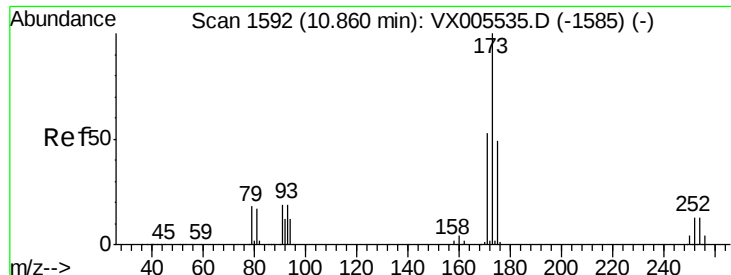
#70
Styrene
Concen: 52.707 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:104 Resp: 333141
Ion Ratio Lower Upper
104 100
78 50.8 40.2 60.4
103 55.9 44.9 67.3



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

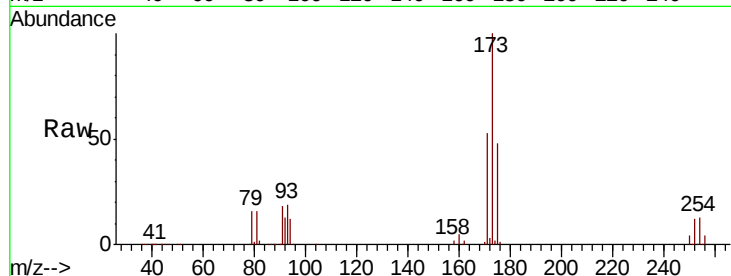




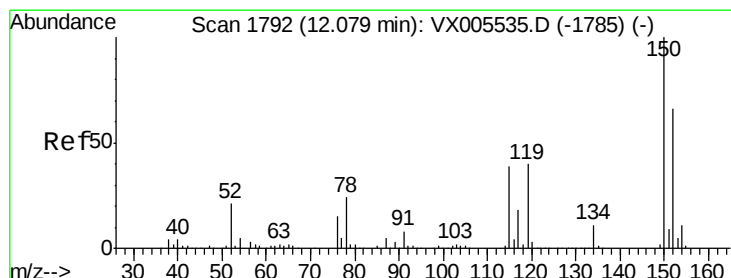
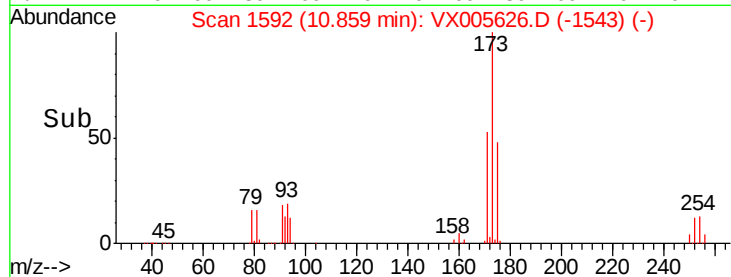
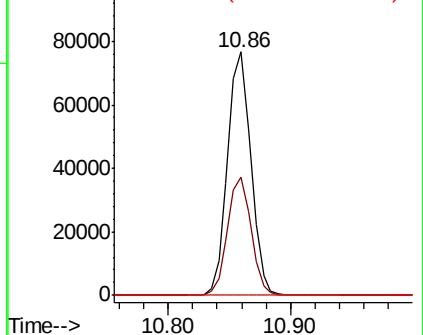
#71
Bromoform
Concen: 49.532 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 101326
Ion Ratio Lower Upper
173 100
175 48.8 24.8 74.3
254 0.2 0.2 0.2

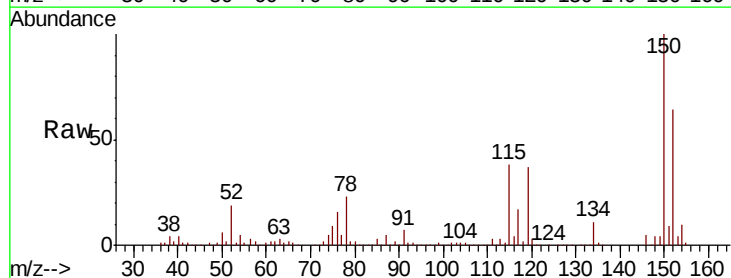


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

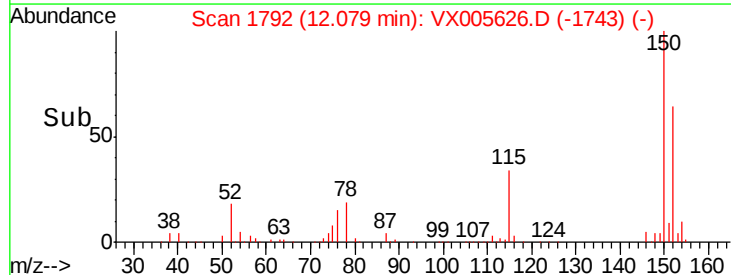
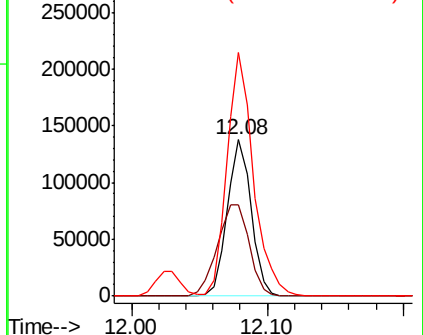


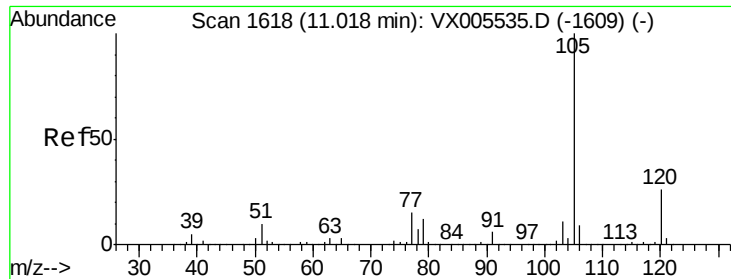
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion:152 Resp: 168018
Ion Ratio Lower Upper
152 100
115 77.9 39.4 118.1
150 171.6 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.479 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

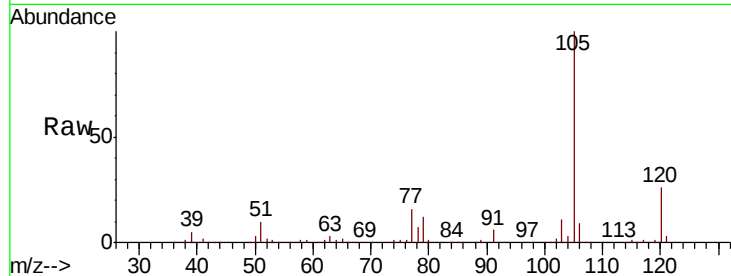
VSTDCCC050

Tot Ion:105 Resp: 538998

Ion Ratio Lower Upper

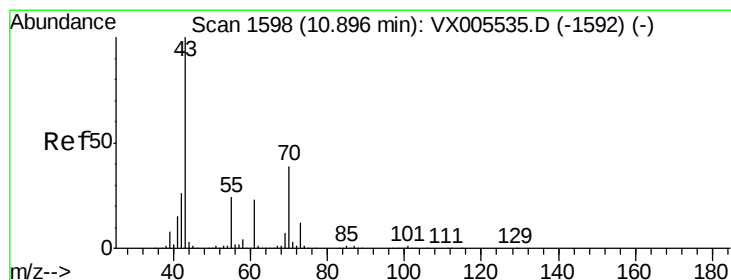
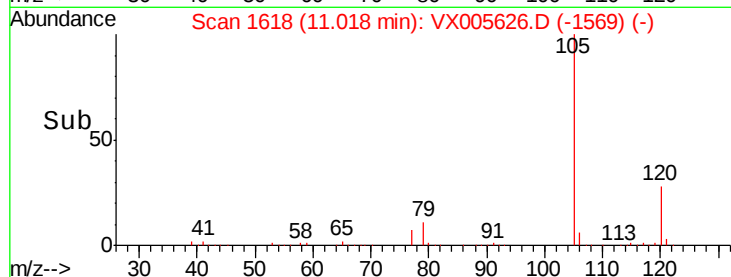
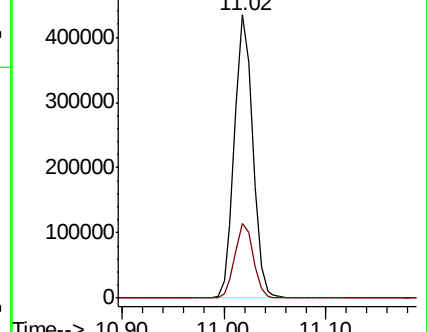
105 100

120 26.6 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.518 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Tgt Ion: 43 Resp: 267273

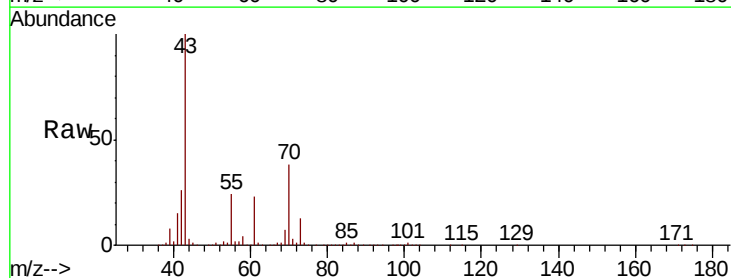
Ion Ratio Lower Upper

43 100

70 39.9 31.6 47.4

55 24.2 19.7 29.5

61 23.3 18.3 27.5

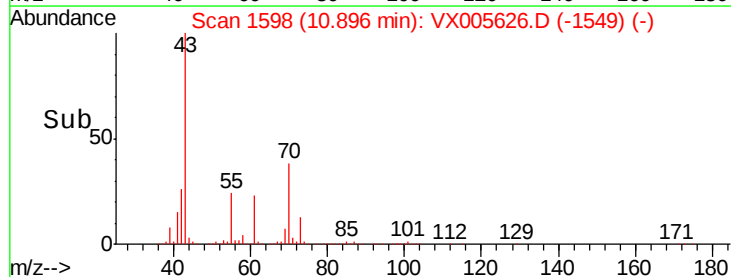
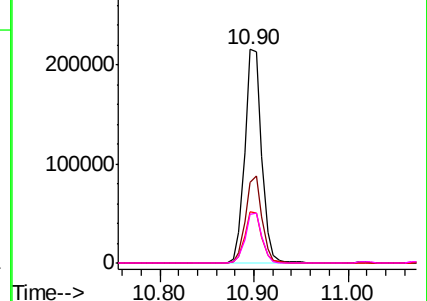


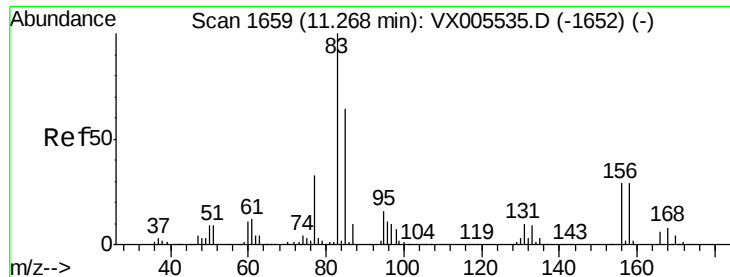
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.682 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

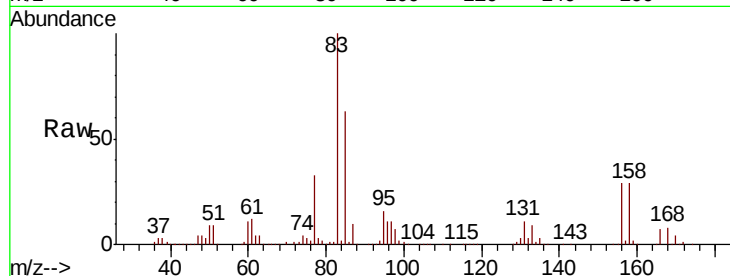
Tot Ion: 83 Resp: 184463

Ion Ratio Lower Upper

83 100

131 10.7 5.3 15.9

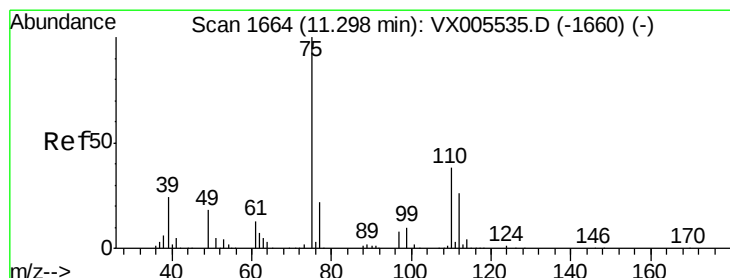
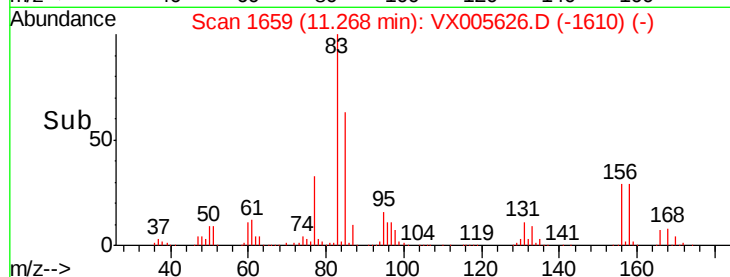
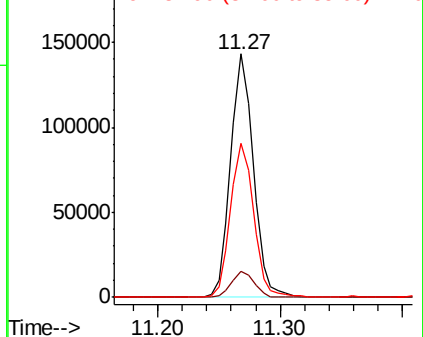
85 64.7 32.0 96.2



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: 61.922 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005626.D

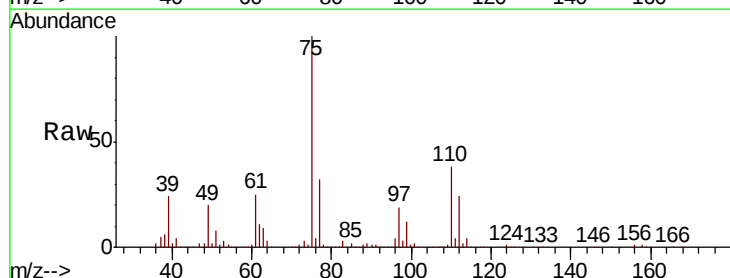
Acq: 27 Oct 2018 01:08

Tgt Ion: 75 Resp: 220438

Ion Ratio Lower Upper

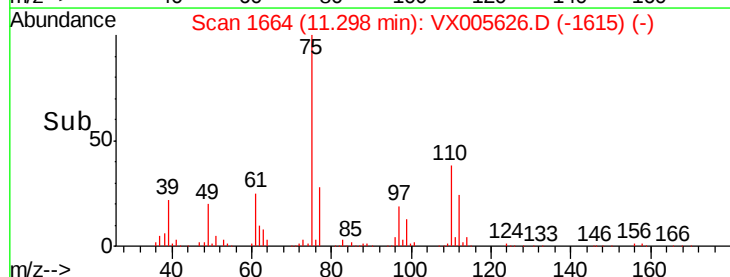
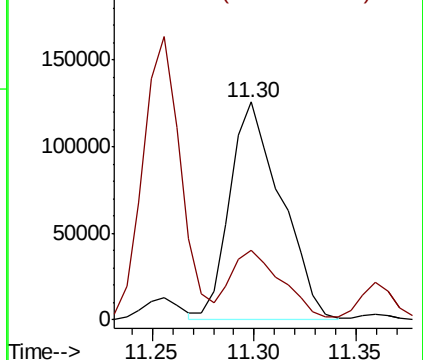
75 100

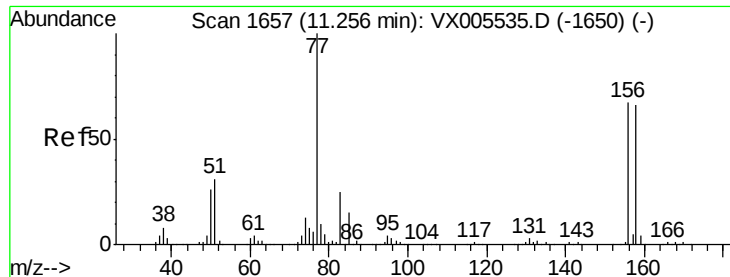
77 31.8 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.547 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

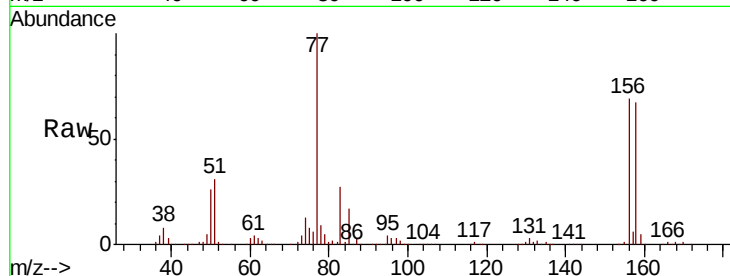
Tot Ion:156 Resp: 144681

Ion Ratio Lower Upper

156 100

77 145.6 74.8 224.4

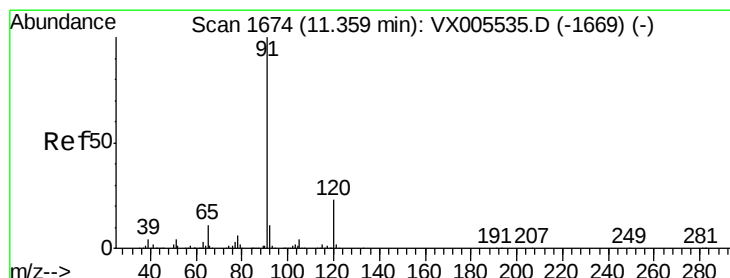
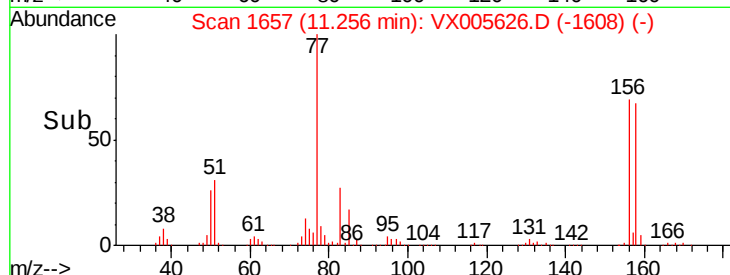
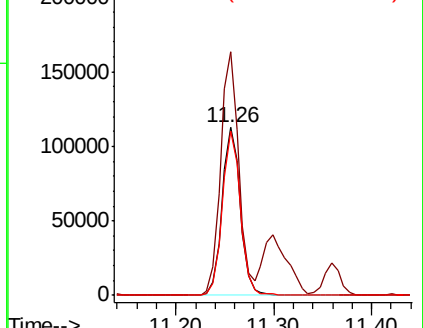
158 97.3 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.062 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005626.D

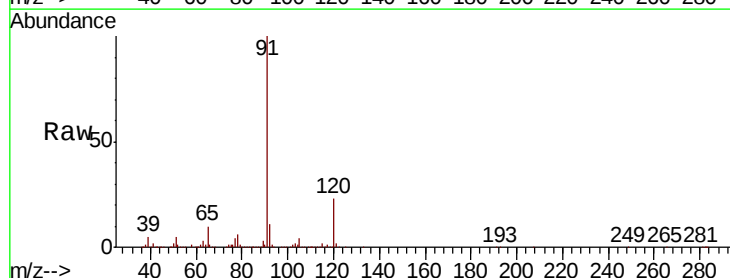
Acq: 27 Oct 2018 01:08

Tgt Ion: 91 Resp: 623167

Ion Ratio Lower Upper

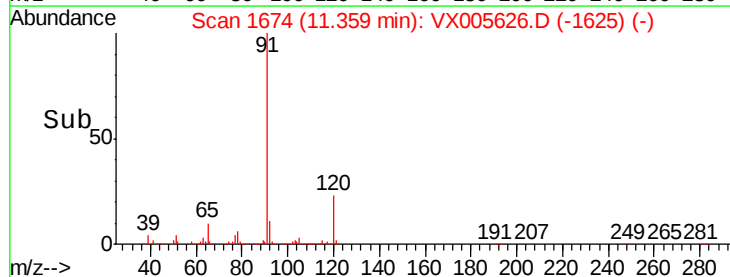
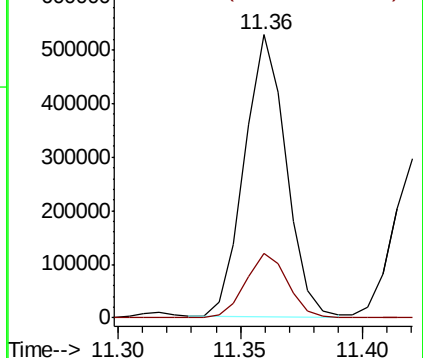
91 100

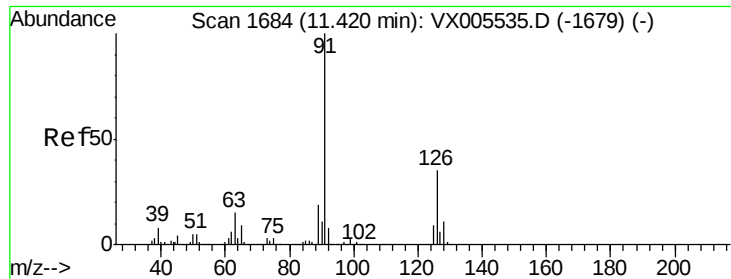
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.793 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

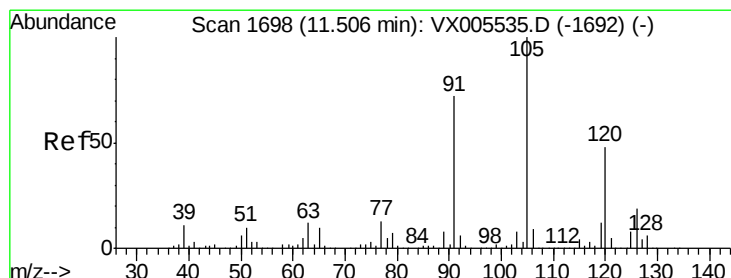
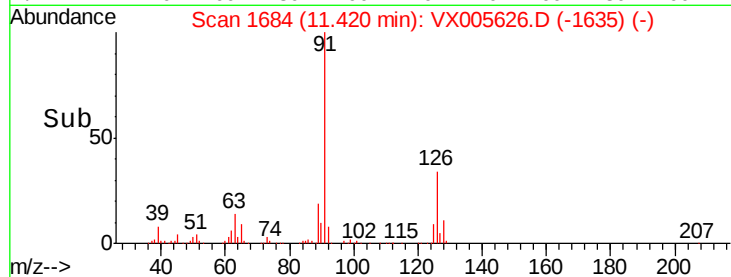
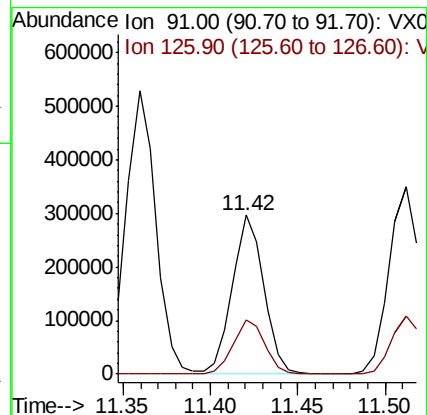
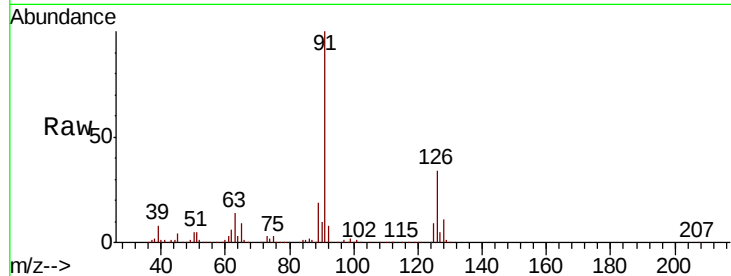
VSTDCCC050

Tot Ion: 91 Resp: 369857

Ion Ratio Lower Upper

91 100

126 34.8 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 52.444 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005626.D

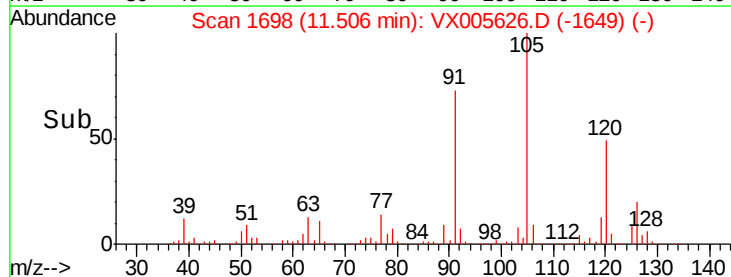
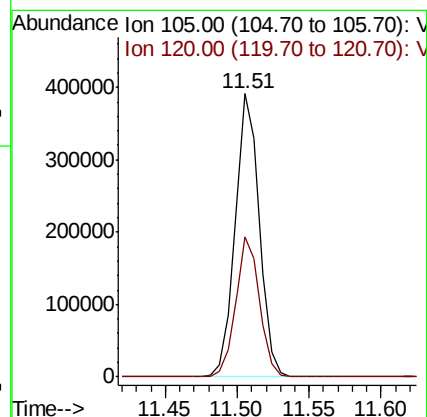
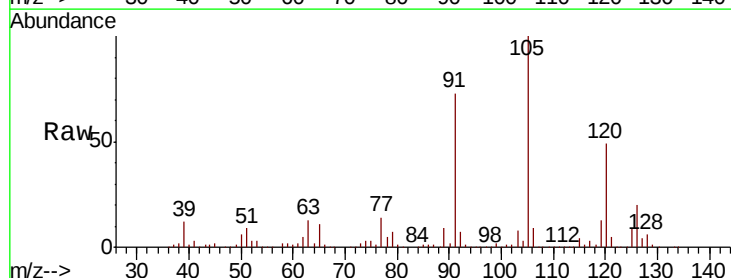
Acq: 27 Oct 2018 01:08

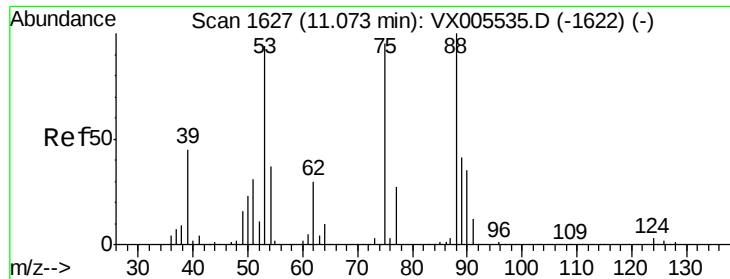
Tgt Ion: 105 Resp: 460773

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 48.748 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

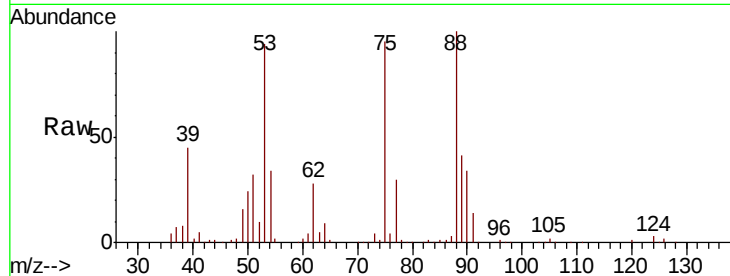
Tot Ion: 75 Resp: 53110

Ion Ratio Lower Upper

75 100

53 97.8 80.2 120.2

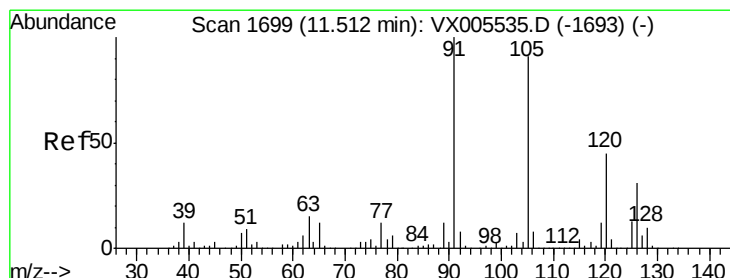
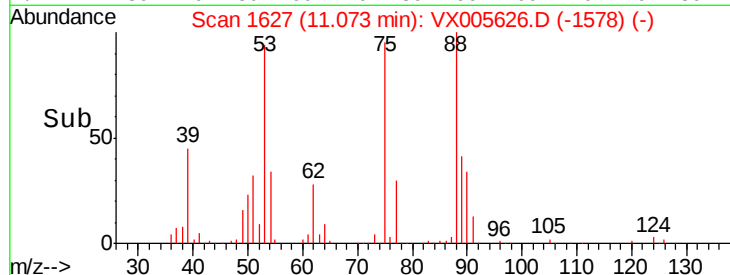
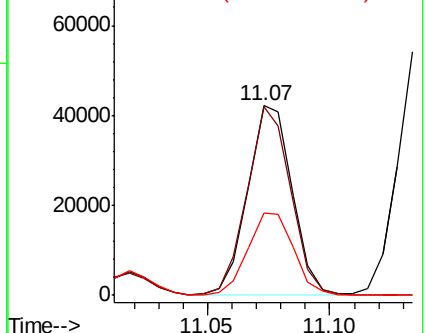
89 44.9 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.913 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005626.D

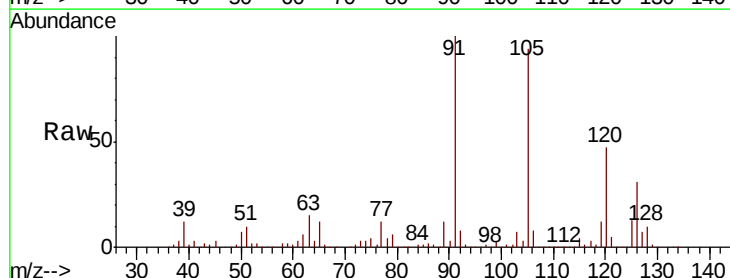
Acq: 27 Oct 2018 01:08

Tgt Ion: 91 Resp: 437150

Ion Ratio Lower Upper

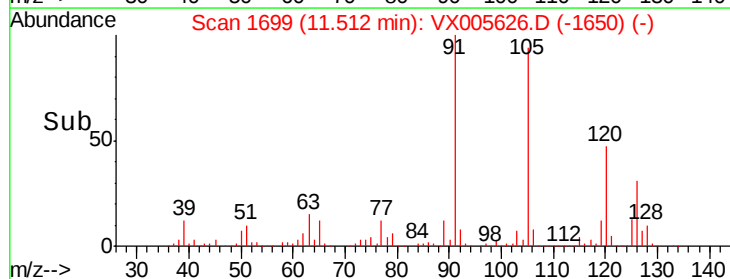
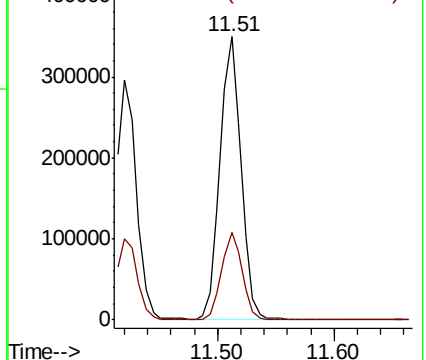
91 100

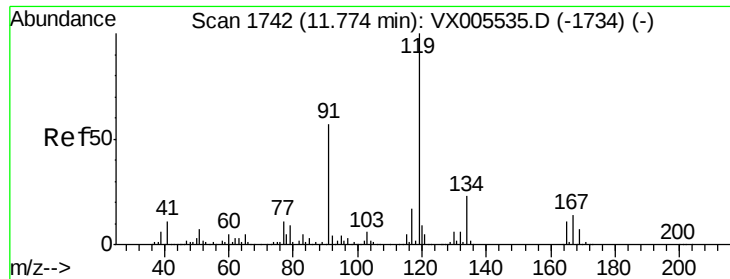
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

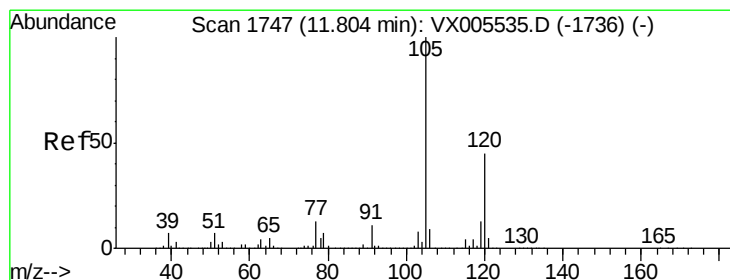
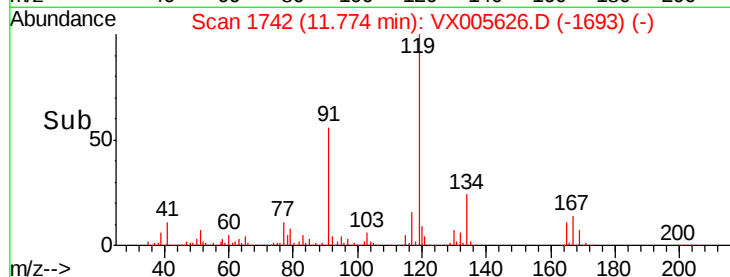
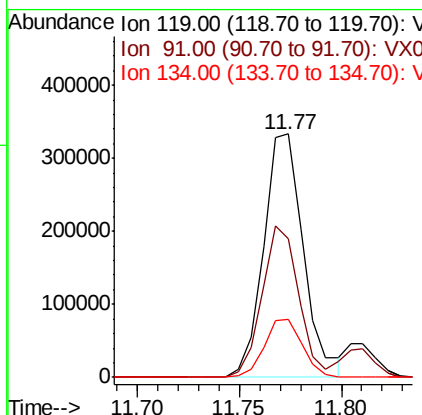
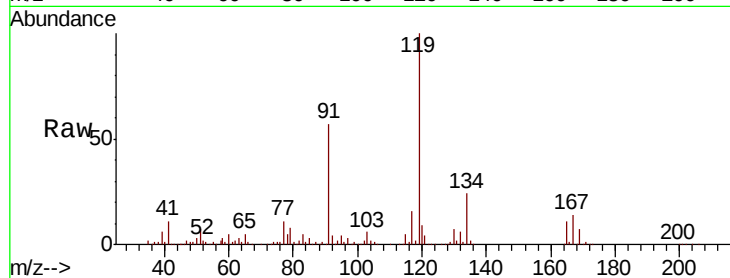




#83
 tert-Butylbenzene
 Concen: 51.973 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

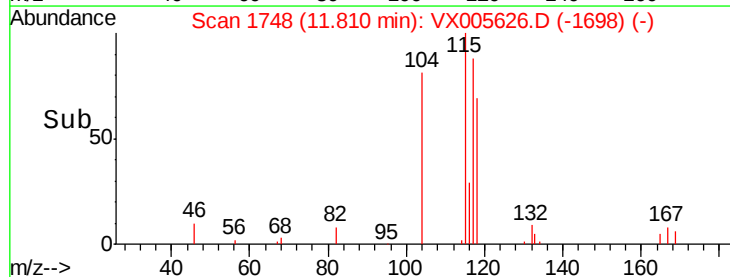
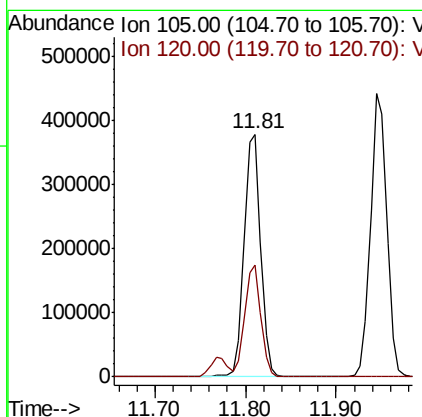
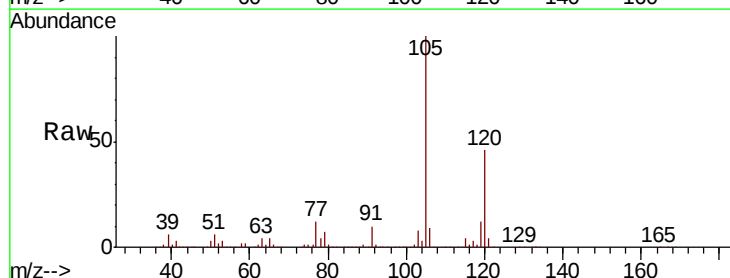
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

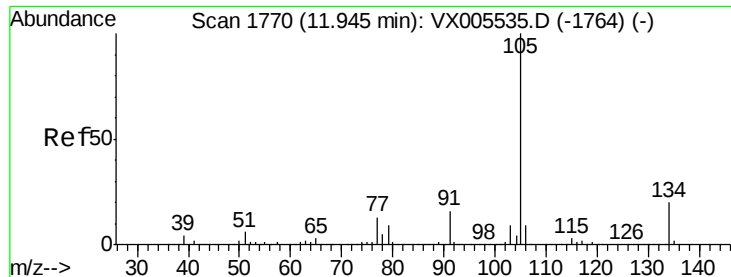
Tot Ion:119 Resp: 455177
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.5 85.5
 134 22.7 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.841 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

Tgt Ion:105 Resp: 479432
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 52.691 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

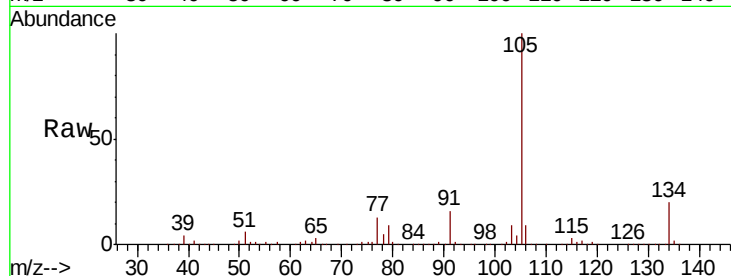
VSTDCCC050

Tot Ion:105 Resp: 550641

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

300000

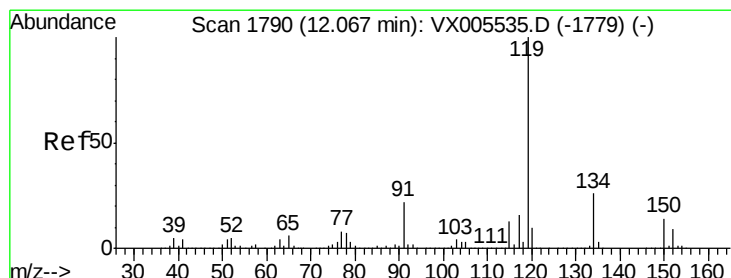
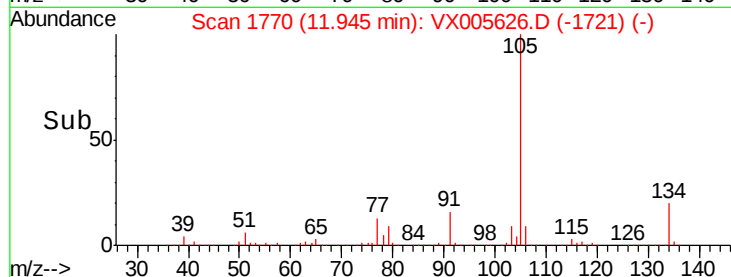
200000

100000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 53.543 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

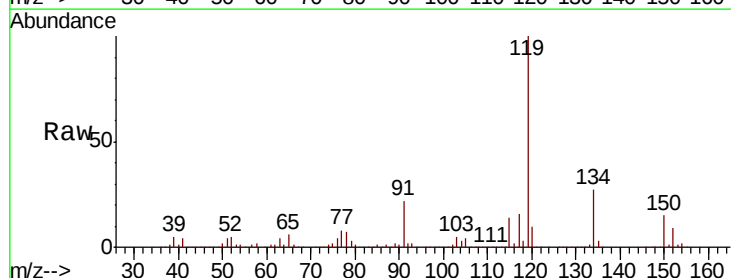
Tgt Ion:119 Resp: 500201

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.1 11.4 34.2



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

12.07

400000

300000

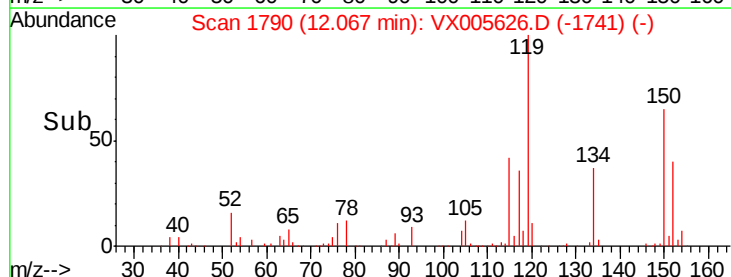
200000

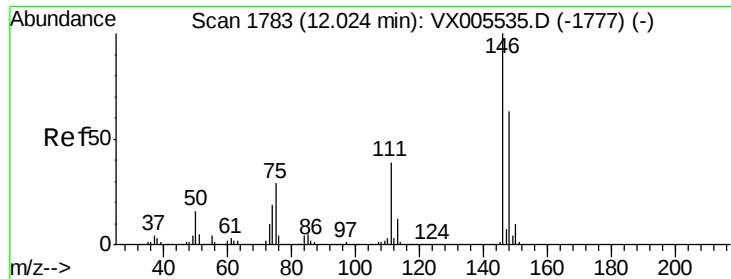
100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 49.417 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

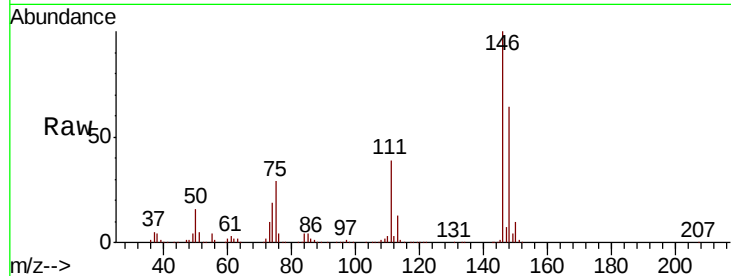
Tot Ion:146 Resp: 265989

Ion Ratio Lower Upper

146 100

111 38.0 19.0 57.0

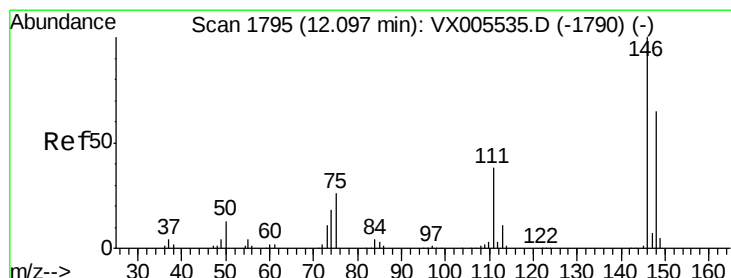
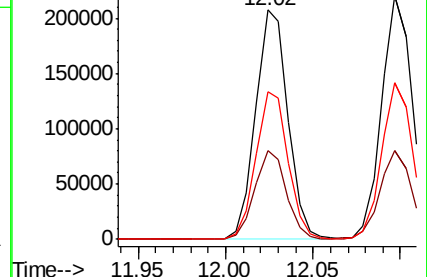
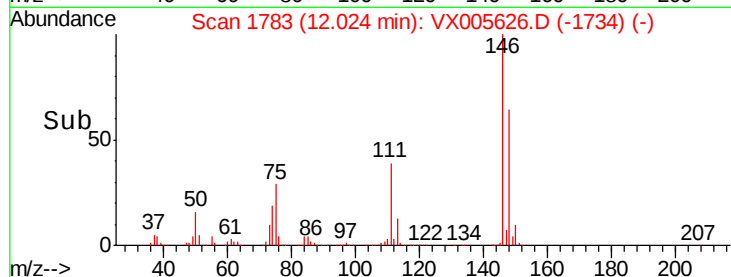
148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.113 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

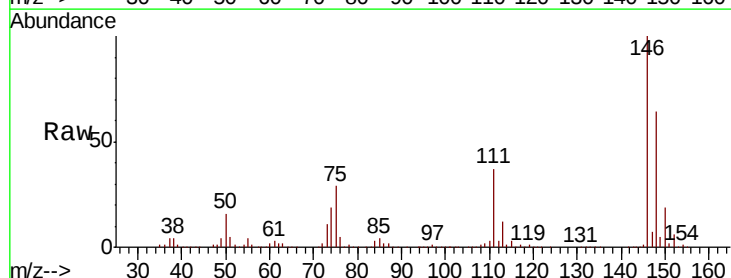
Tgt Ion:146 Resp: 270320

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

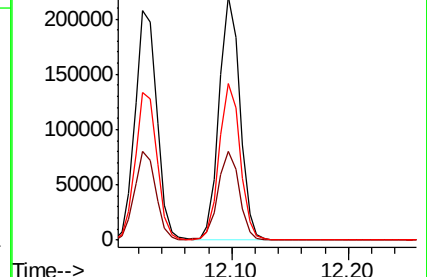
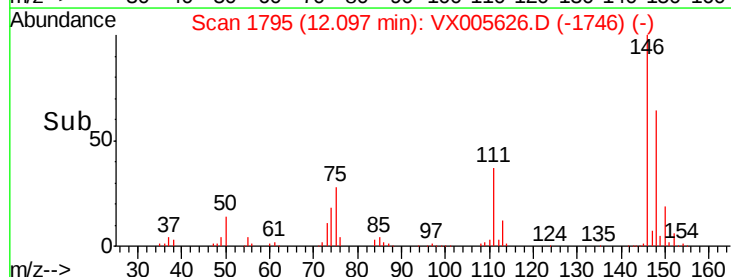
148 64.7 32.1 96.3

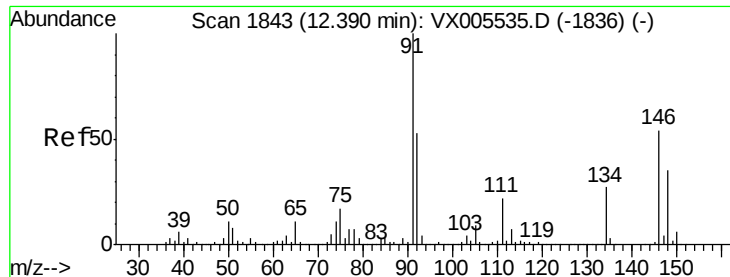


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

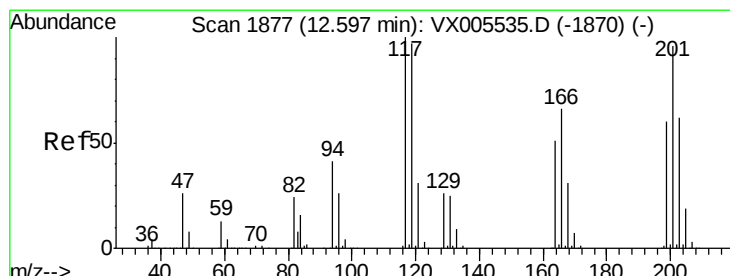
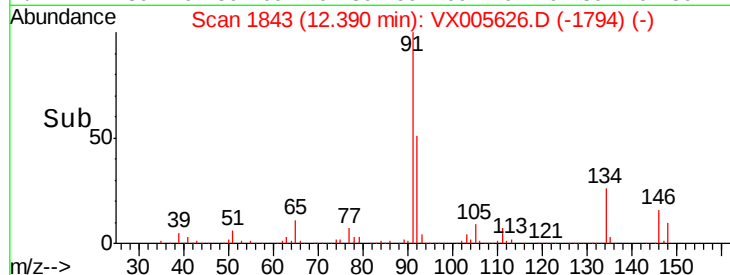
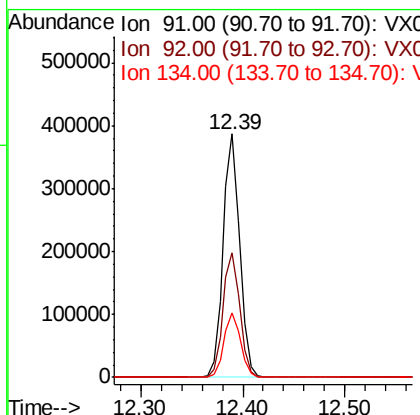
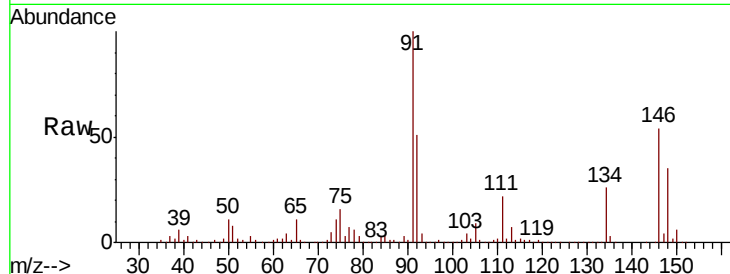




#89
n-Butylbenzene
Concen: 52.026 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

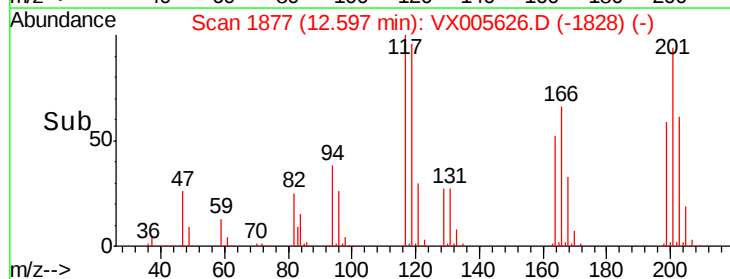
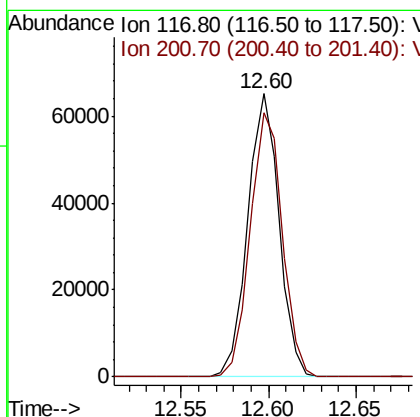
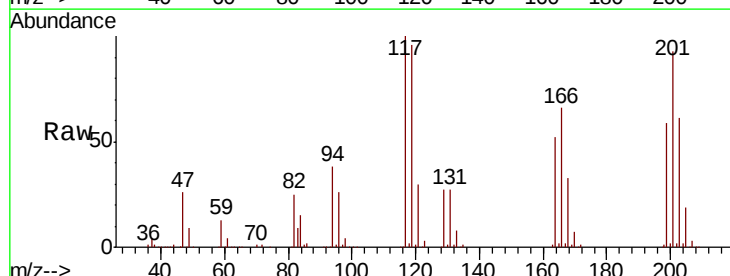
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

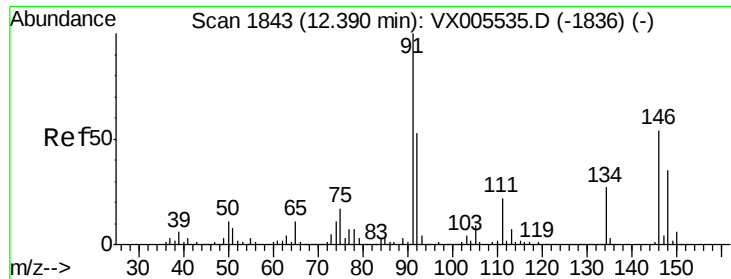
Tot Ion: 91 Resp: 438774
Ion Ratio Lower Upper
91 100
92 52.0 26.1 78.2
134 26.5 13.1 39.3



#90
Hexachloroethane
Concen: 50.178 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005626.D
Acq: 27 Oct 2018 01:08

Tgt Ion: 117 Resp: 80849
Ion Ratio Lower Upper
117 100
201 95.9 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 49.105 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

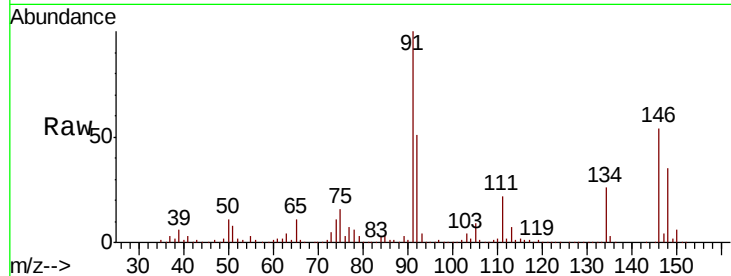
Tot Ion:146 Resp: 267411

Ion Ratio Lower Upper

146 100

111 39.7 20.0 59.9

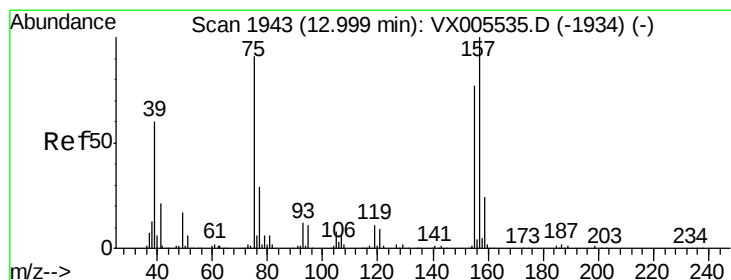
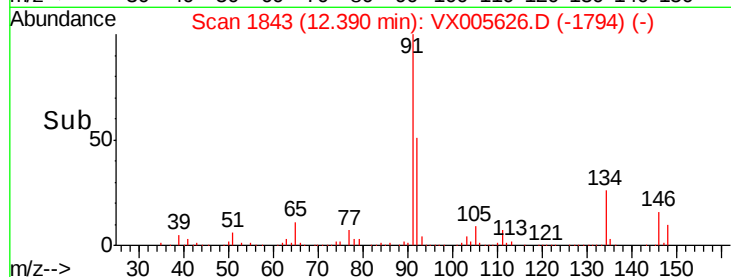
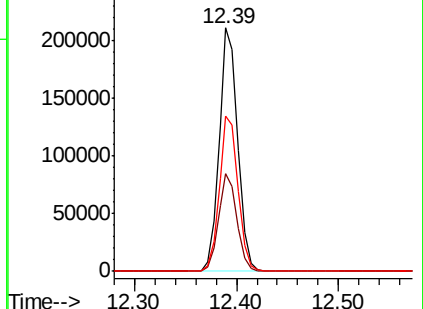
148 64.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.375 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

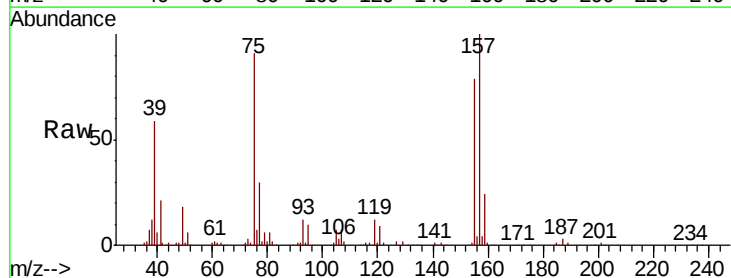
Tgt Ion: 75 Resp: 46153

Ion Ratio Lower Upper

75 100

155 92.7 45.4 136.1

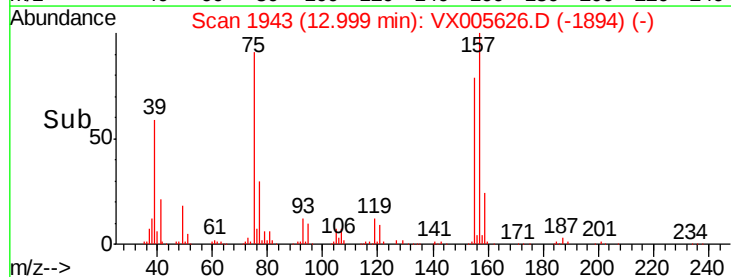
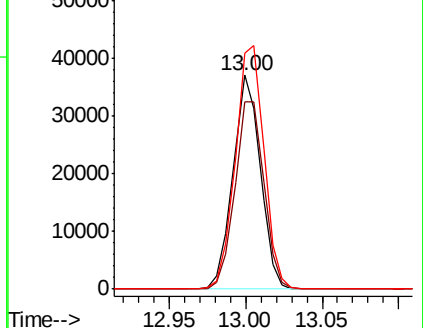
157 118.8 57.4 172.0

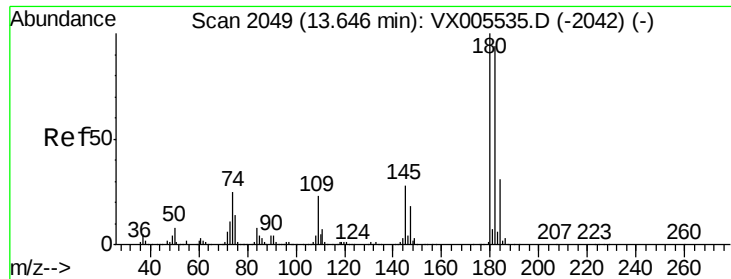


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

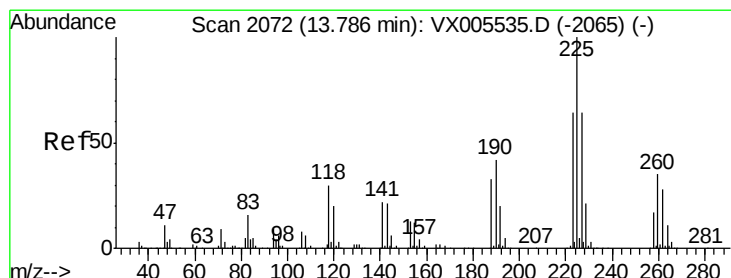
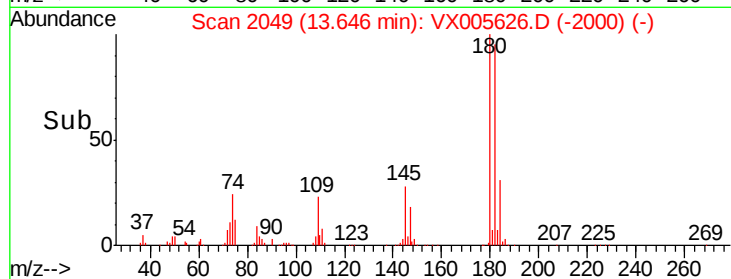
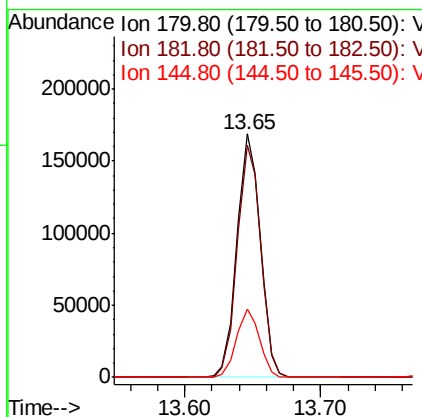
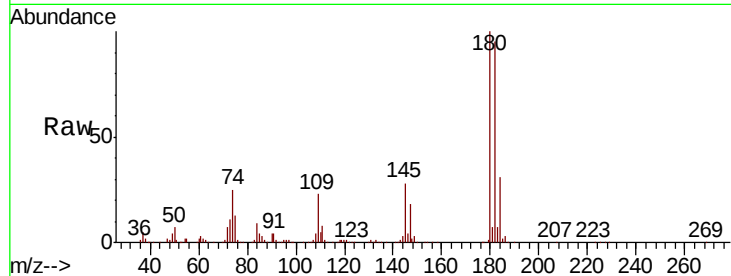




#93
 1,2,4-Trichlorobenzene
 Concen: 51.069 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

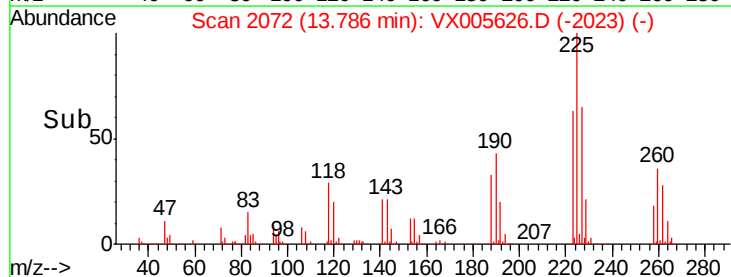
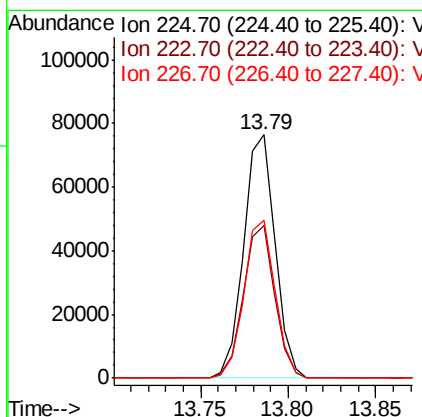
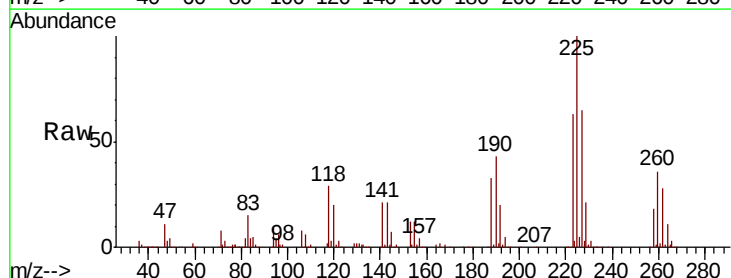
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

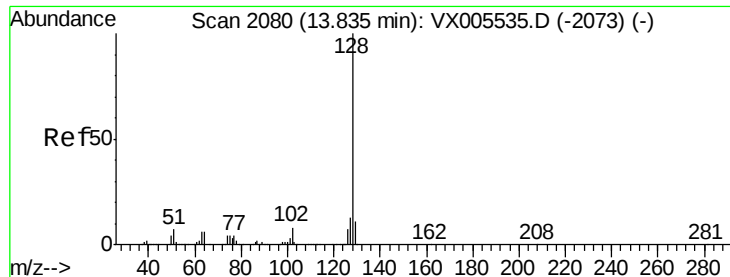
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.8
145	27.6	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 46.655 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005626.D
 Acq: 27 Oct 2018 01:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.7	95.1
227	64.5	32.3	96.9





#95

Naphthalene

Concen: 55.043 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

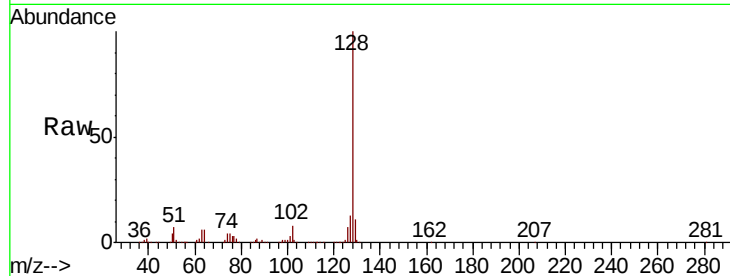
Tot Ion:128 Resp: 631603

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

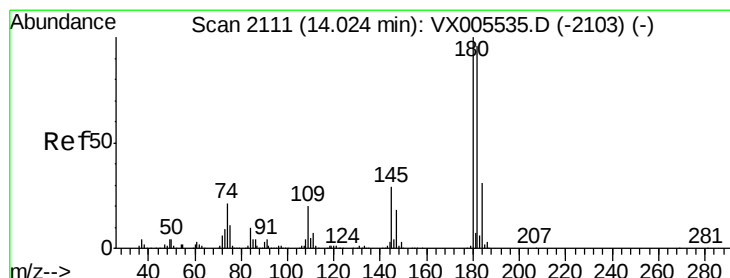
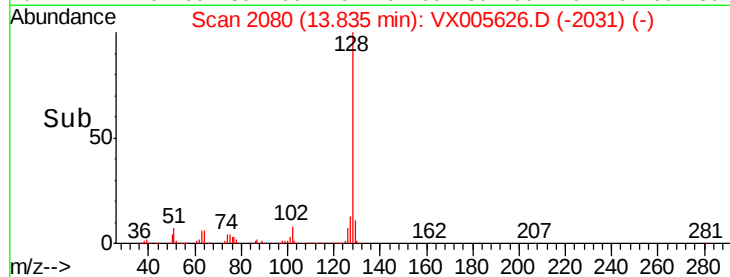
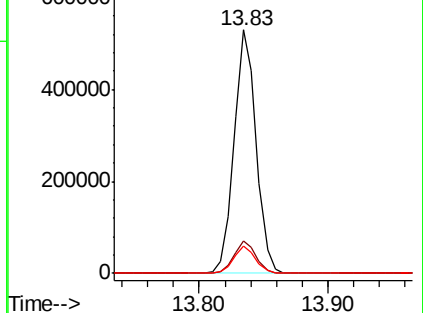
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.946 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005626.D

Acq: 27 Oct 2018 01:08

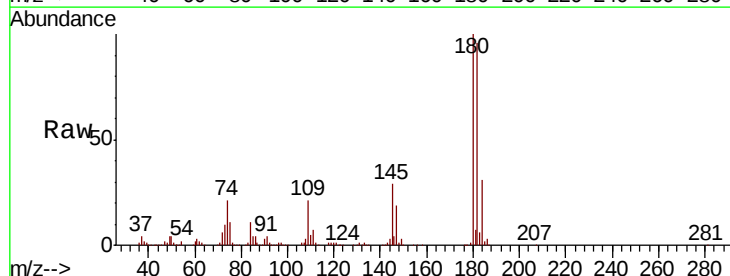
Tgt Ion:180 Resp: 207868

Ion Ratio Lower Upper

180 100

182 96.2 48.0 144.2

145 29.4 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

