

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101018\
 Data File : VX005207.D
 Acq On : 10 Oct 2018 15:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 11 06:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358725	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195132	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	130744	35.45	ug/l	0.00
Spiked Amount			Recovery	=	70.90%	
35) Dibromofluoromethane	5.51	113	105468	34.69	ug/l	0.00
Spiked Amount			Recovery	=	69.38%	
50) Toluene-d8	8.72	98	387576	38.35	ug/l	0.00
Spiked Amount			Recovery	=	76.70%	
62) 4-Bromofluorobenzene	11.14	95	150271	41.27	ug/l	0.00
Spiked Amount			Recovery	=	82.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	186729	53.049	ug/l	98
3) Chloromethane	1.32	50	193625	45.339	ug/l	99
4) Vinyl Chloride	1.40	62	189268	47.253	ug/l	100
5) Bromomethane	1.64	94	115352	48.566	ug/l	93
6) Chloroethane	1.71	64	108957	49.911	ug/l	95
7) Trichlorofluoromethane	1.92	101	250219	50.461	ug/l	96
8) Diethyl Ether	2.19	74	100073	46.456	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140451	49.725	ug/l	100
10) Methyl Iodide	2.51	142	161320	42.680	ug/l	92
11) Tert butyl alcohol	3.08	59	227325	220.456	ug/l	99
12) 1,1-Dichloroethene	2.37	96	131912	47.157	ug/l	93
13) Acrolein	2.29	56	121841	166.072	ug/l	92
14) Allyl chloride	2.72	41	293023	48.010	ug/l	94
15) Acrylonitrile	3.15	53	519033	228.652	ug/l	95
16) Acetone	2.45	43	528170	245.314	ug/l	94
17) Carbon Disulfide	2.56	76	387208	46.066	ug/l	99
18) Methyl Acetate	2.78	43	266001	48.763	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	464818	48.174	ug/l	96
20) Methylene Chloride	2.85	84	148705	47.461	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	138889	45.357	ug/l #	76
22) Diisopropyl ether	3.87	45	471219	45.849	ug/l	97
23) Vinyl Acetate	3.82	43	2111931	224.490	ug/l	100
24) 1,1-Dichloroethane	3.70	63	270726	44.159	ug/l	98
25) 2-Butanone	4.71	43	733370	231.082	ug/l	96
26) 2,2-Dichloropropane	4.58	77	210562	49.322	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	146492	42.824	ug/l	92
28) Bromochloromethane	5.02	49	102414	35.474	ug/l	99
29) Tetrahydrofuran	5.16	42	453965	230.143	ug/l	96
30) Chloroform	5.21	83	246587	42.558	ug/l	99
31) Cyclohexane	5.57	56	233998	49.869	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	217725	46.012	ug/l	96
36) 1,1-Dichloropropene	5.80	75	194968	47.003	ug/l	95
37) Ethyl Acetate	4.86	43	241324	43.828	ug/l	99
38) Carbon Tetrachloride	5.78	117	198233	45.463	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	234781	55.431	ug/l #	84
40) Benzene	6.14	78	561005	43.200	ug/l	97
41) Methacrylonitrile	5.06	41	134543	44.061	ug/l	97
42) 1,2-Dichloroethane	6.20	62	198711	43.285	ug/l	98
43) Isopropyl Acetate	6.46	43	357401	44.972	ug/l	96
44) Trichloroethene	7.21	130	149272	46.759	ug/l	96
45) 1,2-Dichloropropane	7.52	63	149173	46.842	ug/l	98
46) Dibromomethane	7.66	93	96141	48.037	ug/l	100
47) Bromodichloromethane	7.90	83	185395	49.476	ug/l	100
48) Methyl methacrylate	7.78	41	190611	52.843	ug/l	100
49) 1,4-Dioxane	7.76	88	80318	896.257	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1266874	253.176	ug/l	99
52) Toluene	8.79	92	350788	49.160	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	214251	50.597	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	232089	52.328	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	143487	45.906	ug/l	96
56) Ethyl methacrylate	9.18	69	230516	45.708	ug/l	97
57) 1,3-Dichloropropane	9.37	76	240669	46.264	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	499931	189.294	ug/l	99
59) 2-Hexanone	9.50	43	1025967	246.043	ug/l	95
60) Dibromochloromethane	9.59	129	152250	48.706	ug/l	99
61) 1,2-Dibromoethane	9.68	107	148475	44.355	ug/l	94
64) Tetrachloroethene	9.34	164	150626	45.226	ug/l	95
65) Chlorobenzene	10.14	112	395478	45.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	145185	47.592	ug/l	98
67) Ethyl Benzene	10.26	91	684007	49.650	ug/l	96
68) m/p-Xylenes	10.36	106	536581	99.672	ug/l	95
69) o-Xylene	10.70	106	255051	51.581	ug/l	100
70) Styrene	10.71	104	431047	46.755	ug/l	99
71) Bromoform	10.86	173	126846	48.568	ug/l #	97
73) Isopropylbenzene	11.02	105	701087	57.002	ug/l	100
74) N-amyl acetate	10.90	43	328244	48.605	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	239628	47.862	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	277536	63.457	ug/l	85
77) Bromobenzene	11.26	156	184459	51.634	ug/l	100
78) n-propylbenzene	11.36	91	817883	57.956	ug/l	99
79) 2-Chlorotoluene	11.42	91	480796	54.659	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	602005	53.416	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	72728	45.538	ug/l	98
82) 4-Chlorotoluene	11.51	91	575414	55.576	ug/l	99
83) tert-Butylbenzene	11.77	119	603723	59.618	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	624492	53.733	ug/l	99
85) sec-Butylbenzene	11.94	105	728985	59.102	ug/l	100
86) p-Isopropyltoluene	12.07	119	663267	59.352	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	348966	52.312	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	356548	51.777	ug/l	99
89) n-Butylbenzene	12.39	91	604667	59.579	ug/l	100
90) Hexachloroethane	12.60	117	104301	56.057	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	351096	50.363	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	57935	52.701	ug/l	99

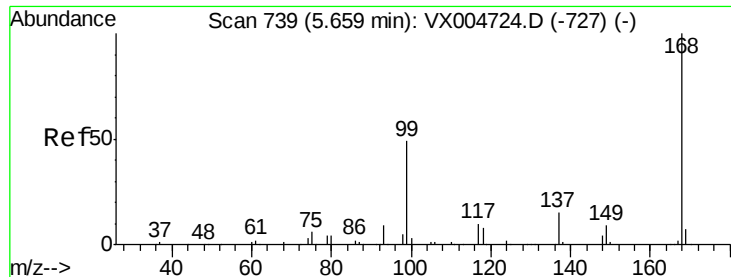
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101018\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277538	56.753	ug/l	99
94) Hexachlorobutadiene	13.79	225	142085	56.030	ug/l	99
95) Naphthalene	13.83	128	831678	51.222	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	277271	54.887	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. 0.01 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

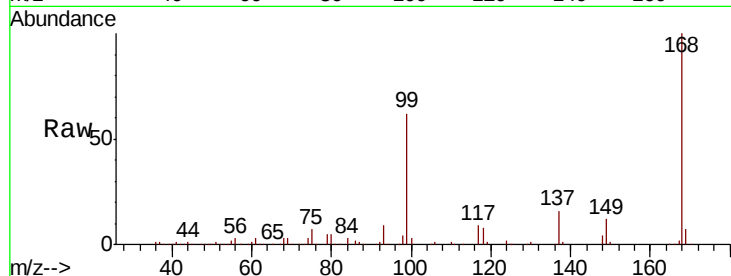
VSTDCCC050

Tot Ion:168 Resp: 258162

Ion Ratio Lower Upper

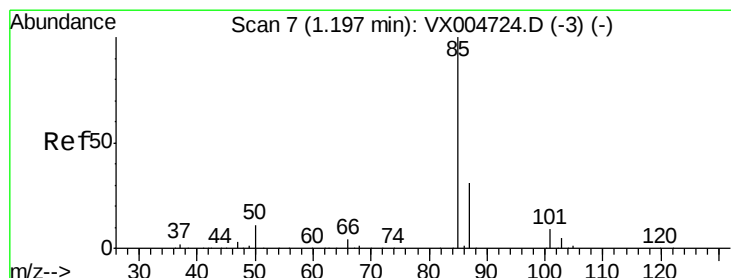
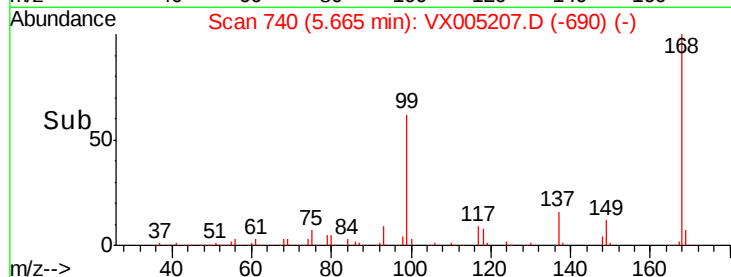
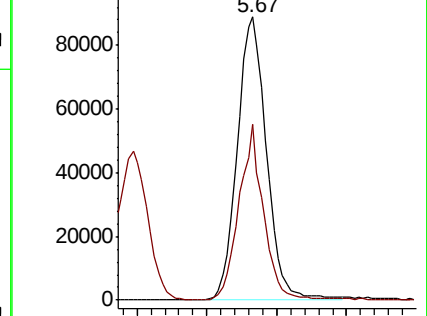
168 100

99 62.0 39.3 58.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.049 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005207.D

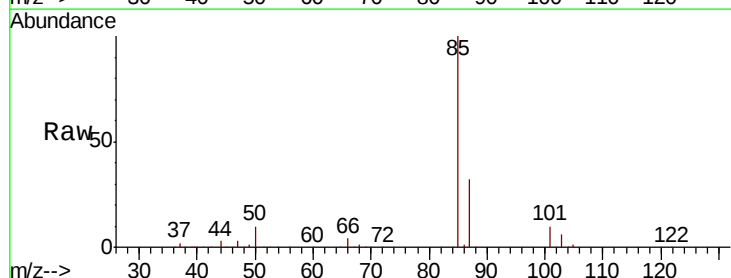
Acq: 10 Oct 2018 15:33

Tgt Ion: 85 Resp: 186729

Ion Ratio Lower Upper

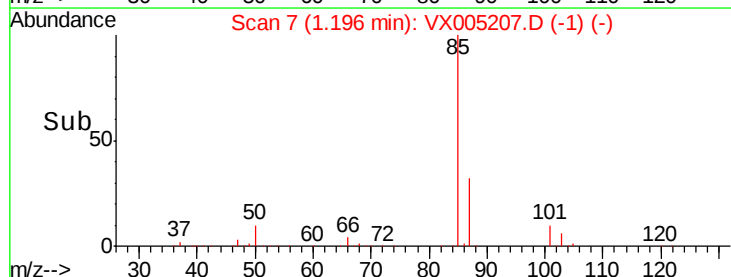
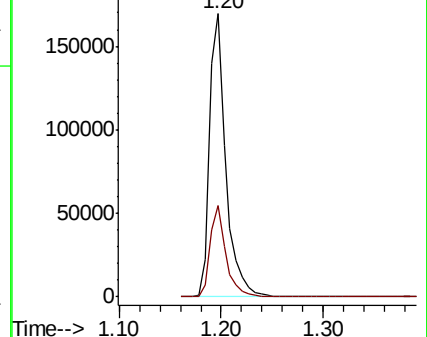
85 100

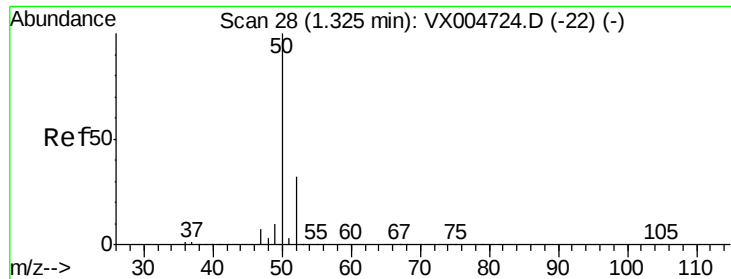
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

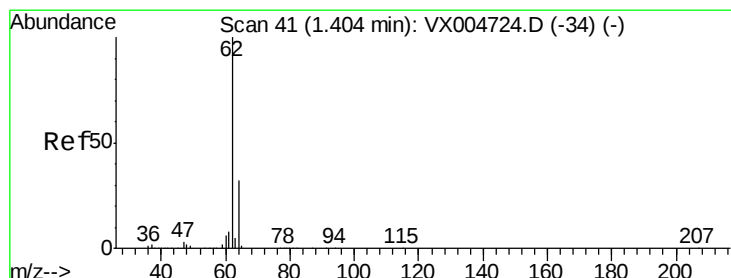
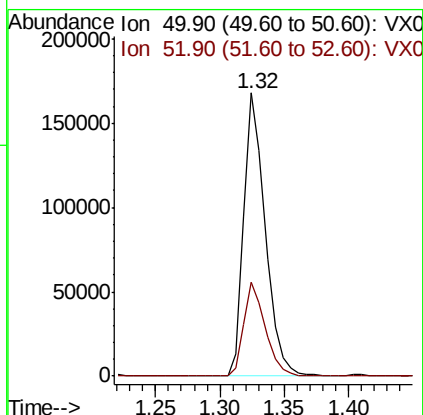
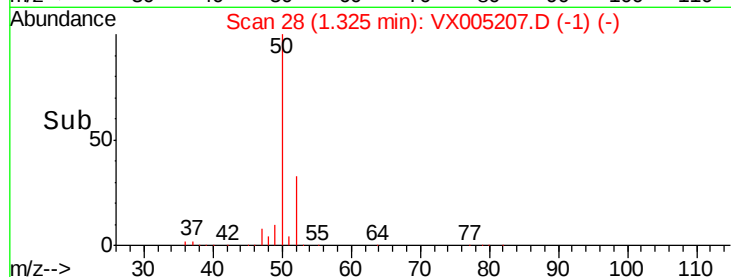
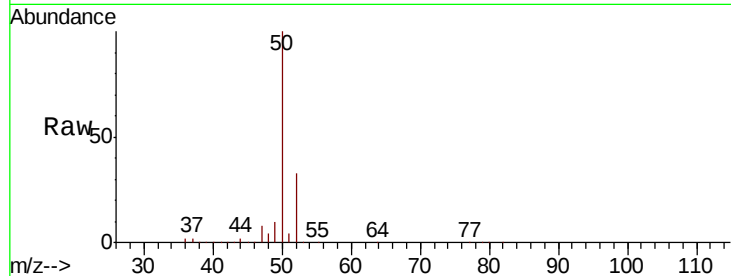




#3
 Chloromethane
 Concen: 45.339 ug/l
 RT: 1.32 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

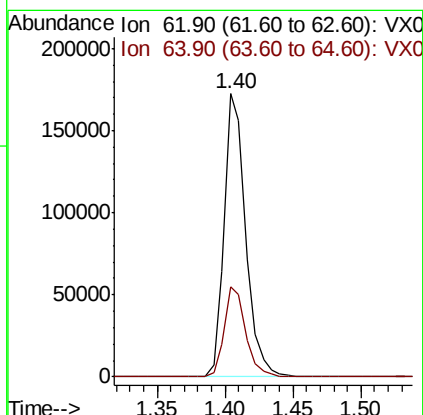
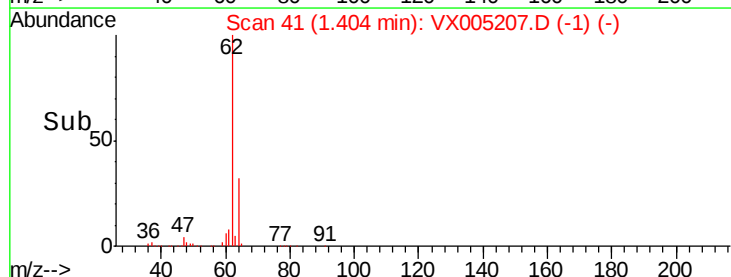
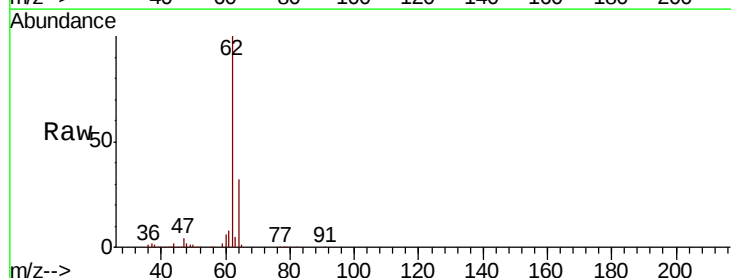
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

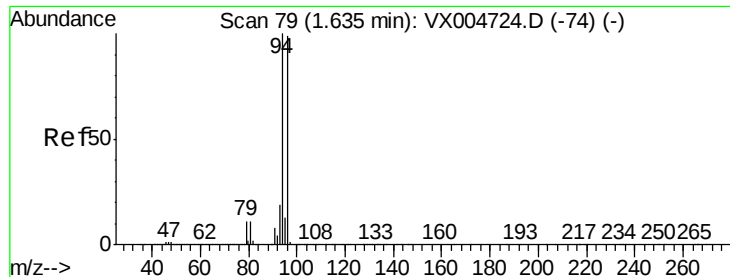
Tot Ion: 50 Resp: 193625
 Ion Ratio Lower Upper
 50 100
 52 33.0 25.8 38.6



#4
 Vinyl Chloride
 Concen: 47.253 ug/l
 RT: 1.40 min Scan# 41
 Delta R.T. 0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Tgt Ion: 62 Resp: 189268
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.5 38.3





#5

Bromomethane

Concen: 48.566 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

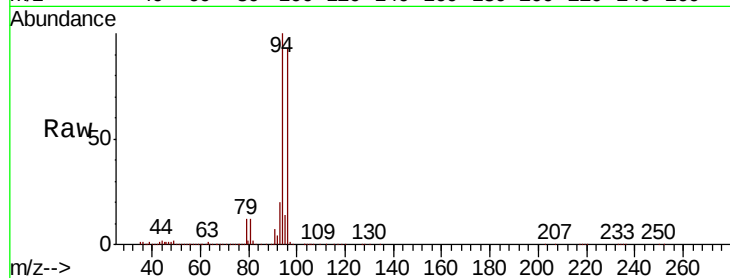
VSTDCCC050

Tot Ion: 94 Resp: 115352

Ion Ratio Lower Upper

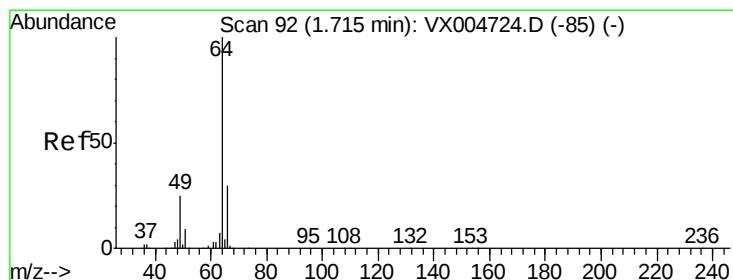
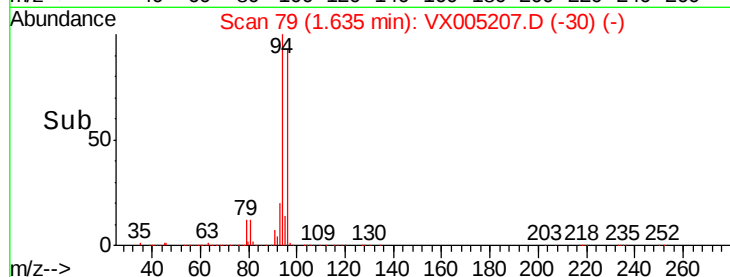
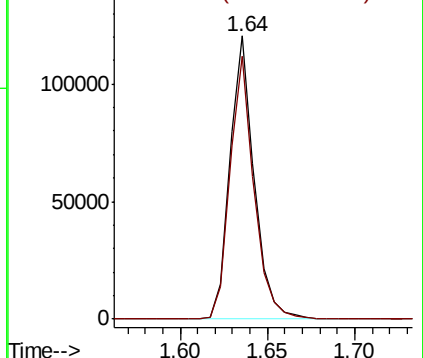
94 100

96 92.8 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.911 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005207.D

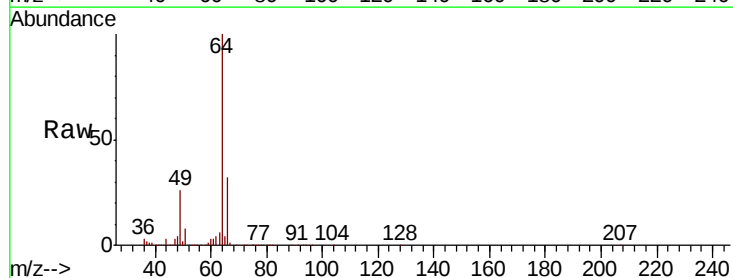
Acq: 10 Oct 2018 15:33

Tgt Ion: 64 Resp: 108957

Ion Ratio Lower Upper

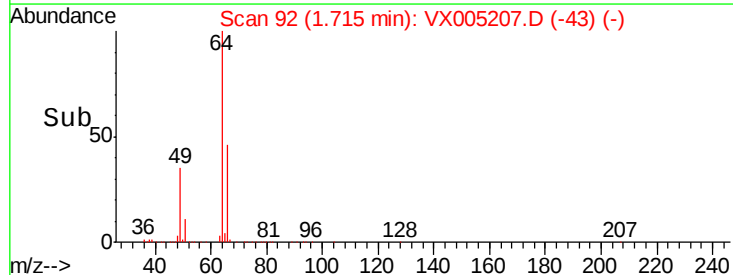
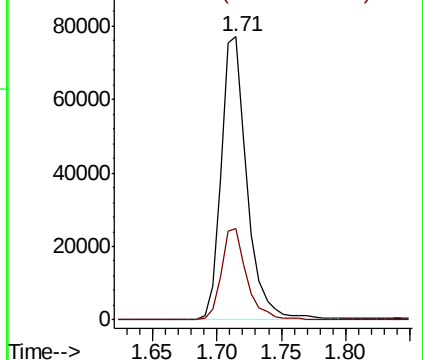
64 100

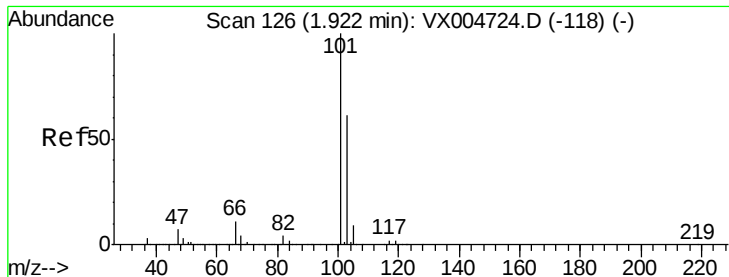
66 32.3 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



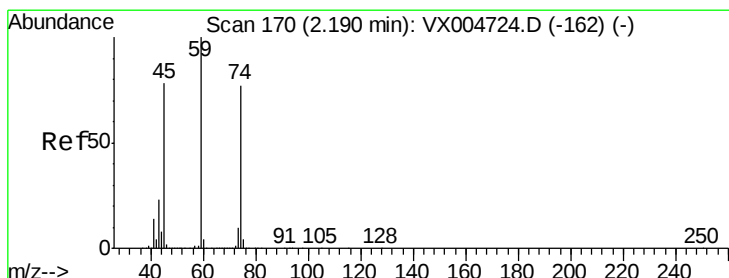
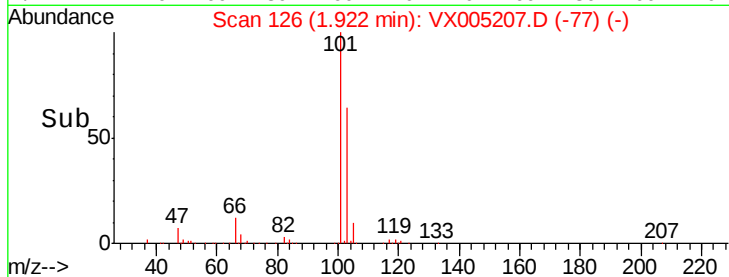
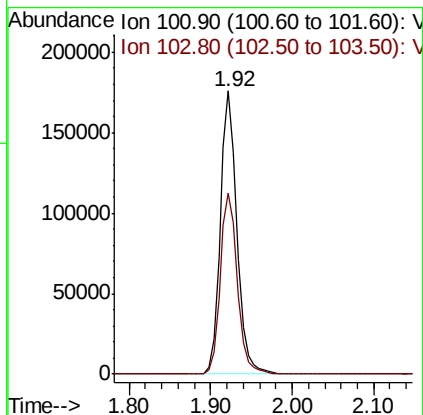
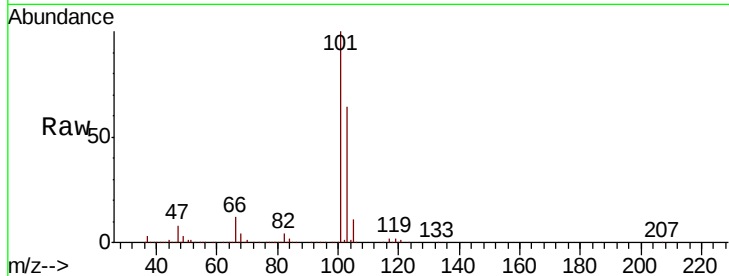


#7

Trichlorofluoromethane
 Concen: 50.461 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Instrument :
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 ClientSampleId :
 VSTDCCC050

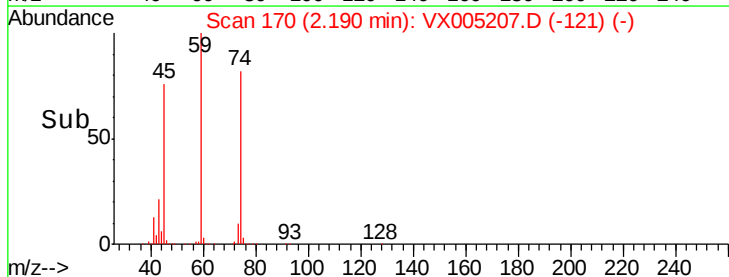
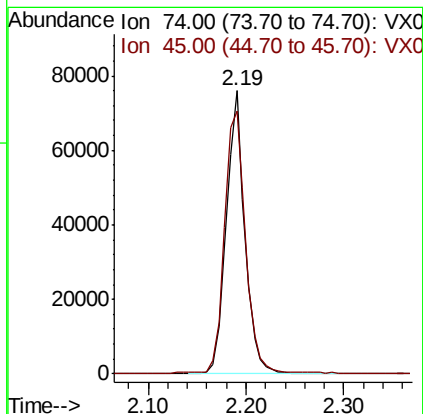
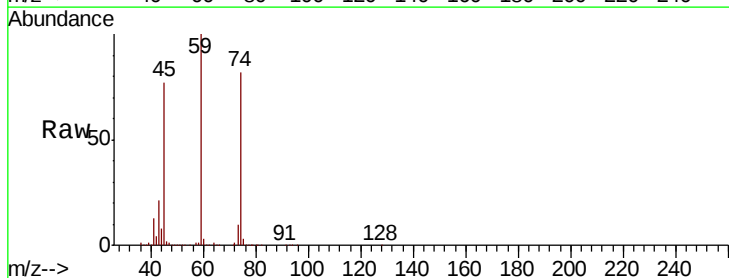
Tot Ion:101 Resp: 250219
 Ion Ratio Lower Upper
 101 100
 103 63.8 48.4 72.6

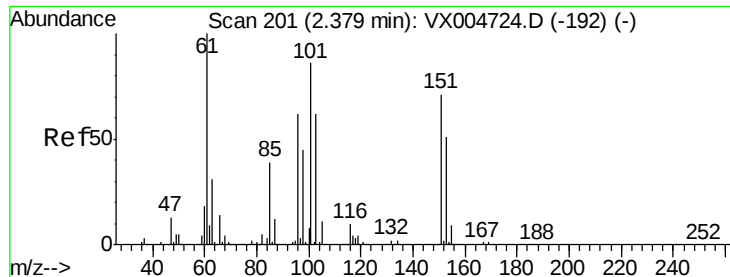


#8

Diethyl Ether
 Concen: 46.456 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Tgt Ion: 74 Resp: 100073
 Ion Ratio Lower Upper
 74 100
 45 103.7 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.725 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

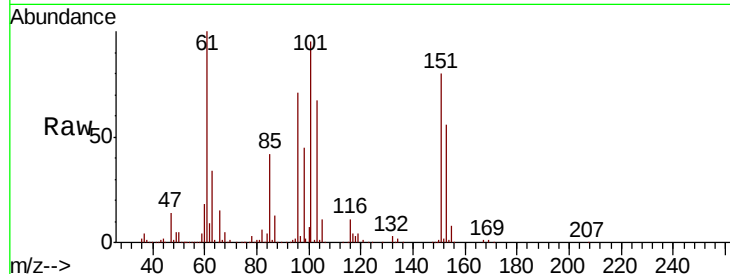
Tot Ion:101 Resp: 140451

Ion Ratio Lower Upper

101 100

85 44.2 35.9 53.9

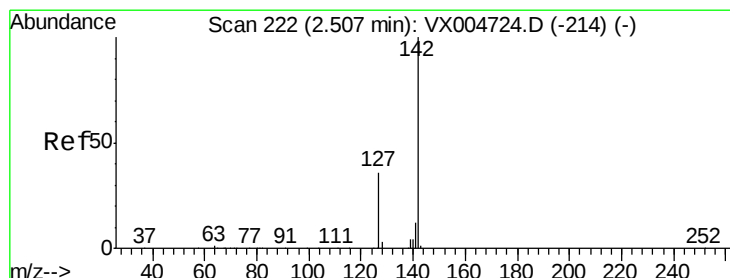
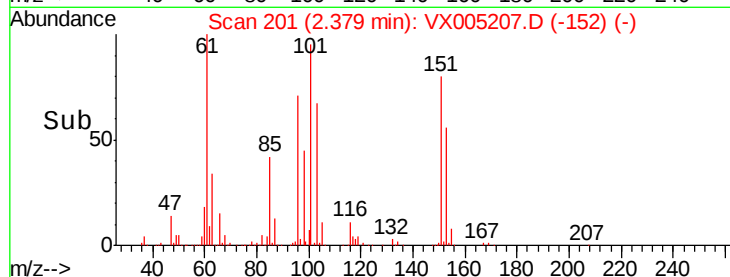
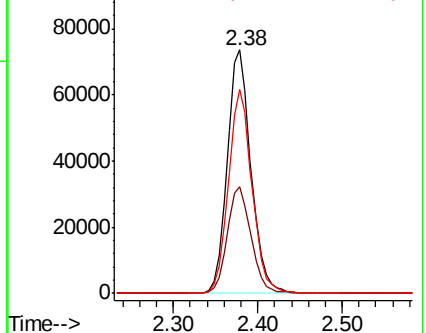
151 83.3 66.6 100.0



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: 42.680 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

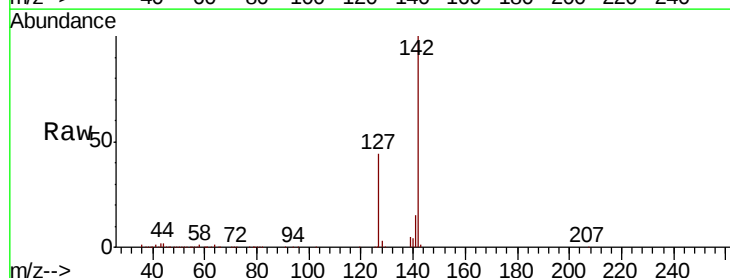
Tgt Ion:142 Resp: 161320

Ion Ratio Lower Upper

142 100

127 43.1 30.1 45.1

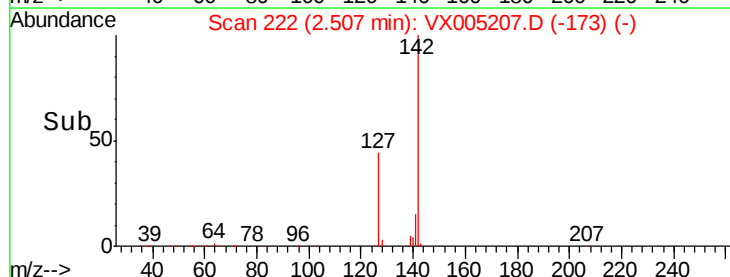
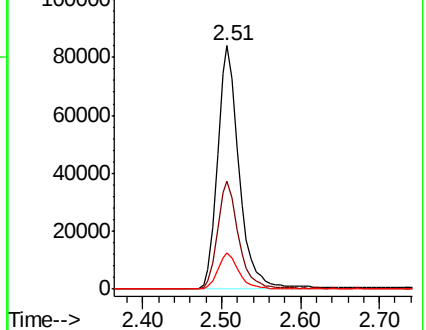
141 14.3 10.1 15.1

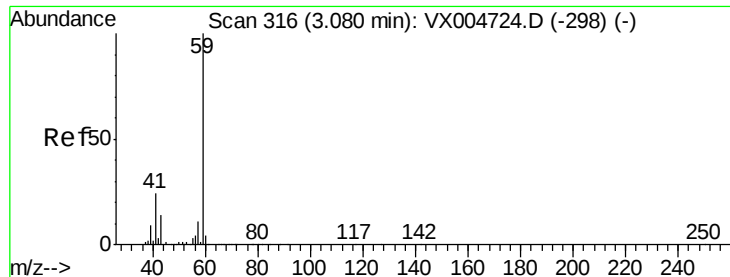


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



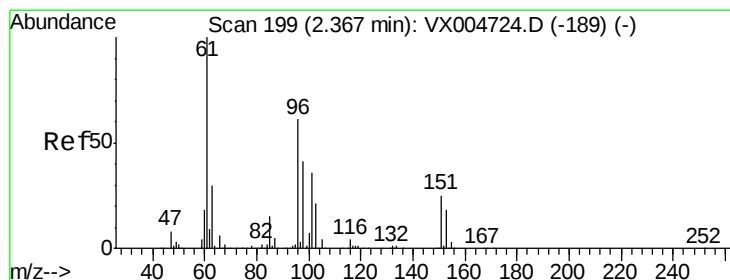
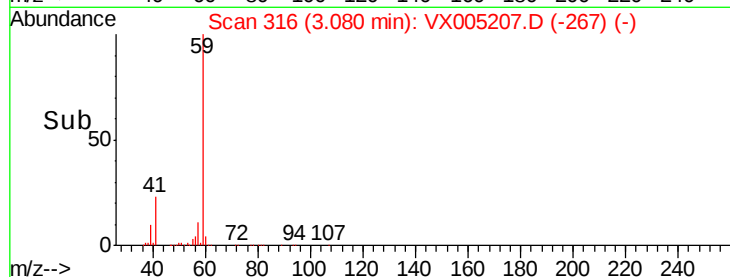
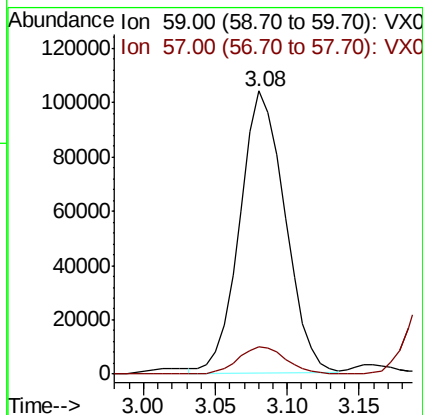
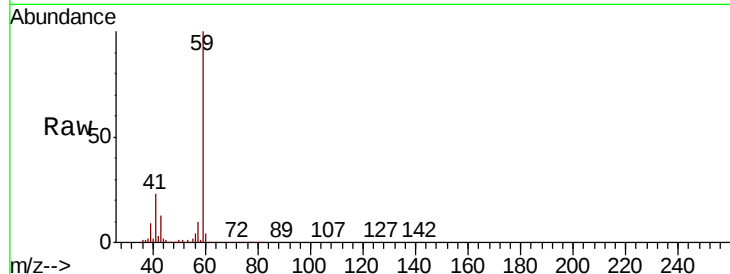


#11

Tert butyl alcohol
 Concen: 220.456 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

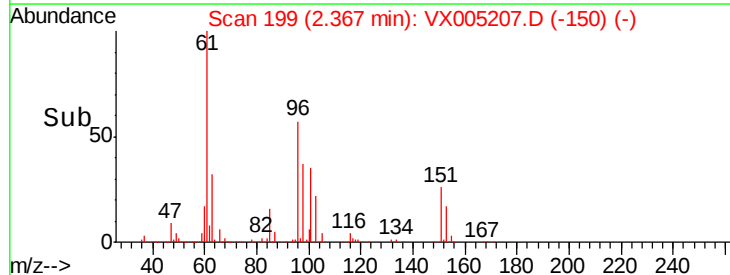
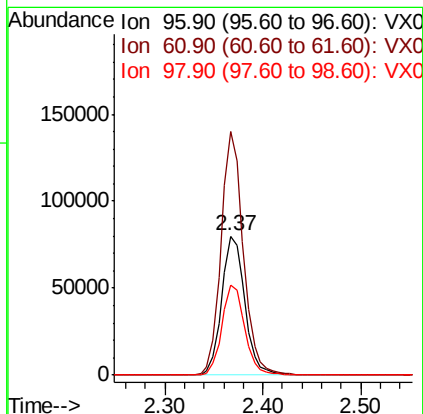
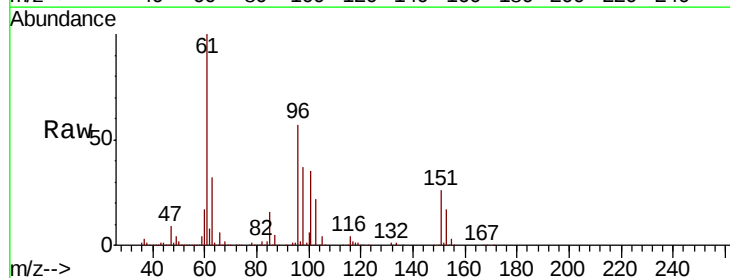
Tot Ion: 59 Resp: 227325
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.6 12.8

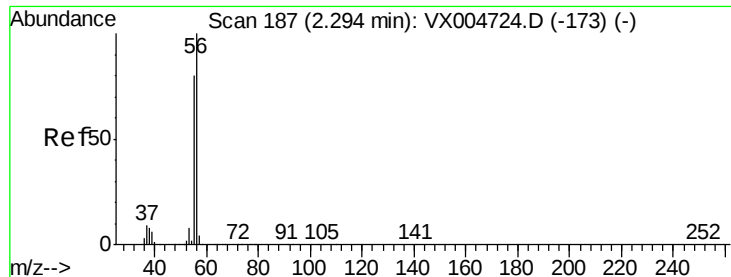


#12

1,1-Dichloroethene
 Concen: 47.157 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Tgt Ion: 96 Resp: 131912
 Ion Ratio Lower Upper
 96 100
 61 175.5 130.2 195.4
 98 64.8 53.4 80.0





#13

Acrolein

Concen: 166.072 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

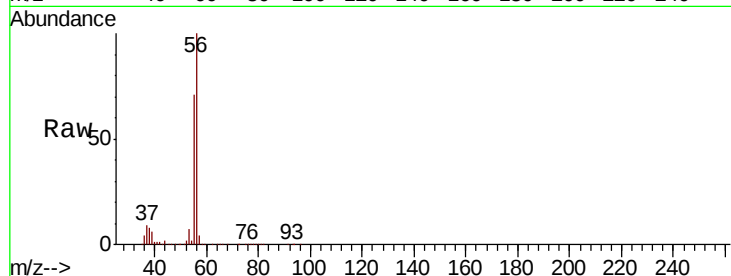
VSTDCCC050

Tot Ion: 56 Resp: 121841

Ion Ratio Lower Upper

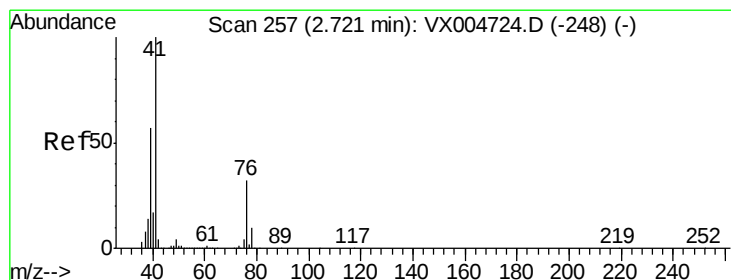
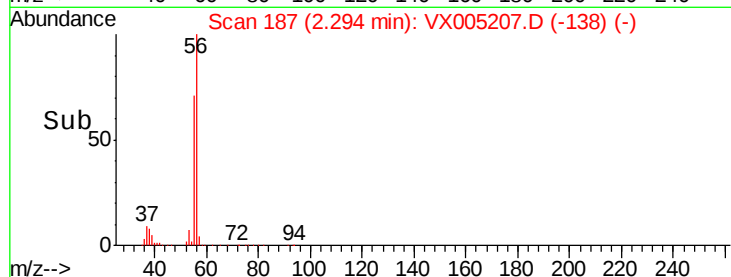
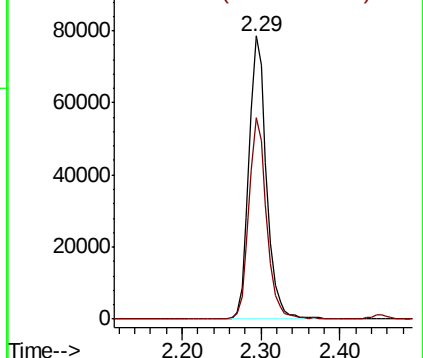
56 100

55 71.9 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.010 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

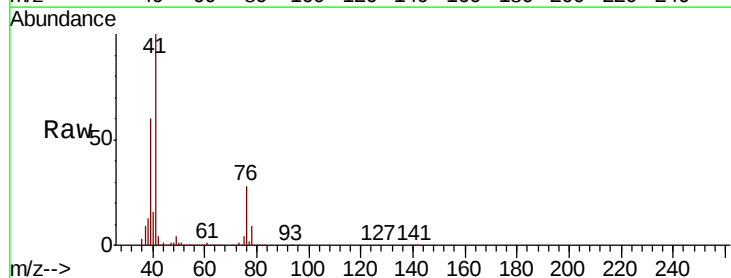
Tgt Ion: 41 Resp: 293023

Ion Ratio Lower Upper

41 100

39 60.4 44.1 66.1

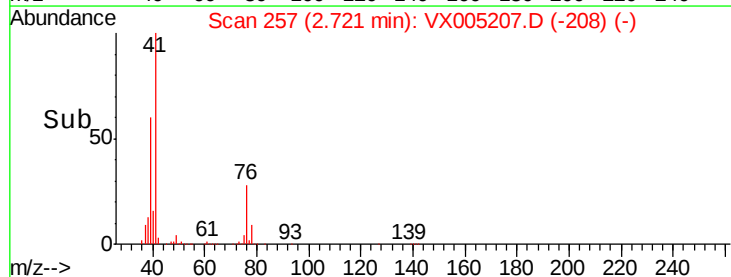
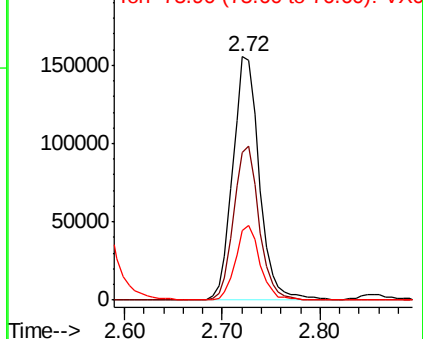
76 28.4 25.0 37.4

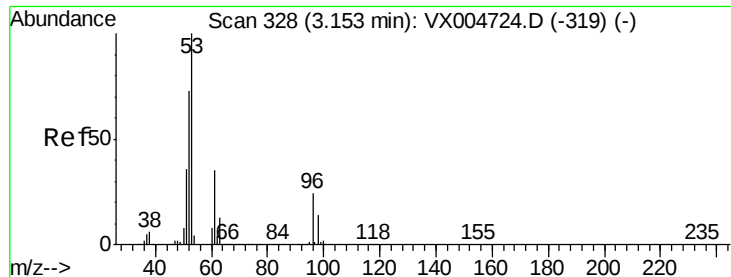


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 228.652 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

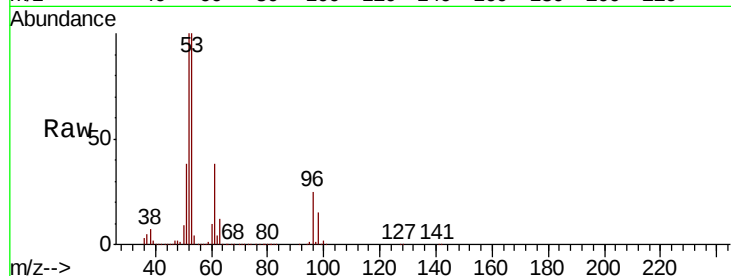
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 519033

Ion	Ratio	Lower	Upper
53	100		
52	85.2	63.0	94.4
51	36.0	28.6	42.8

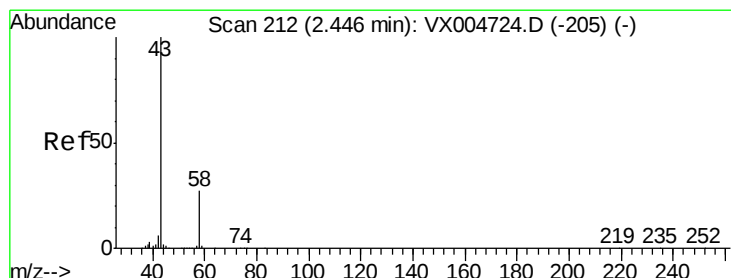
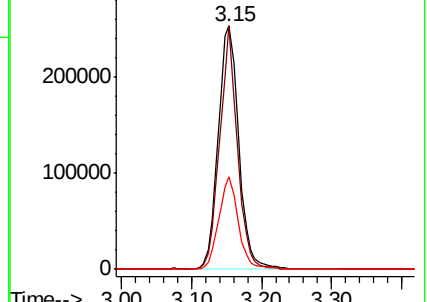
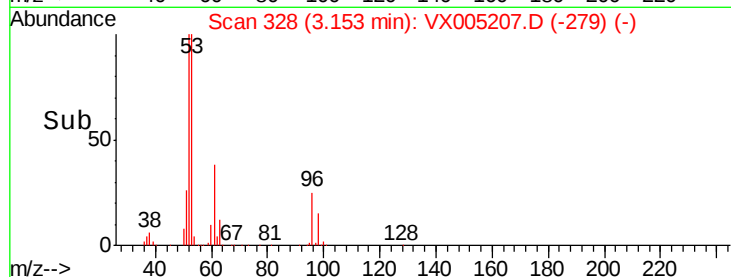


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 245.314 ug/l

RT: 2.45 min Scan# 213

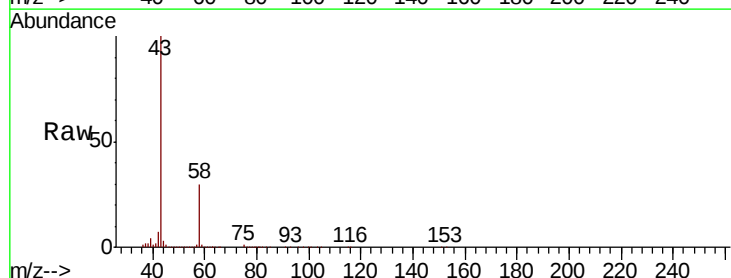
Delta R.T. 0.01 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Tgt Ion: 43 Resp: 528170

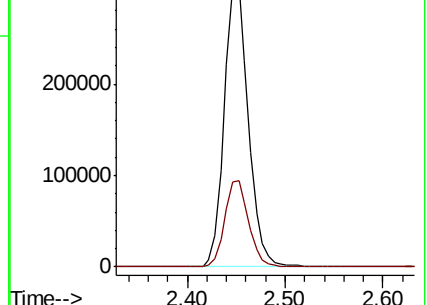
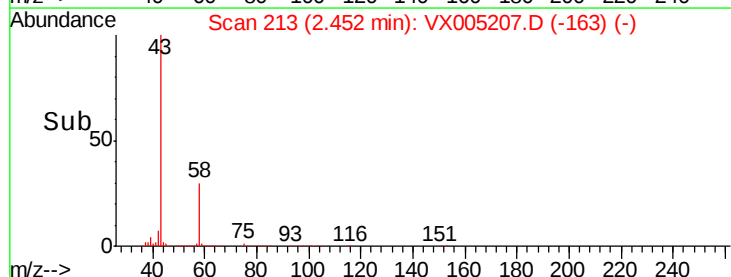
Ion	Ratio	Lower	Upper
43	100		
58	30.3	21.8	32.6

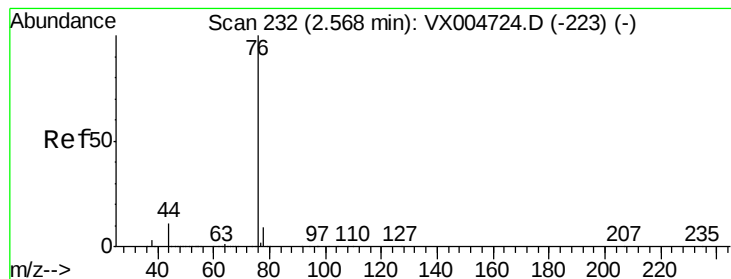


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.066 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

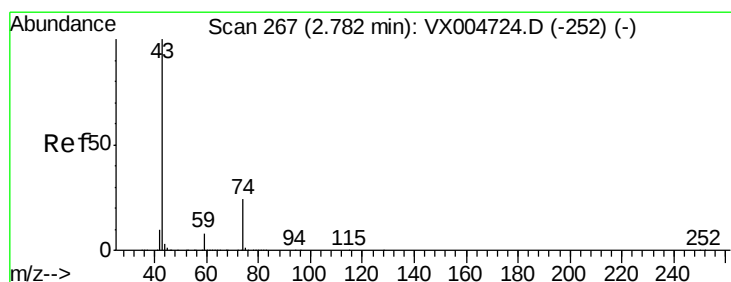
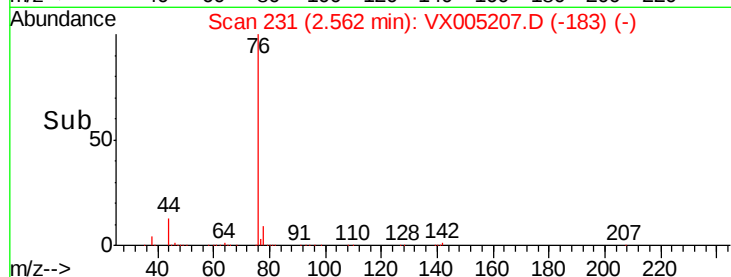
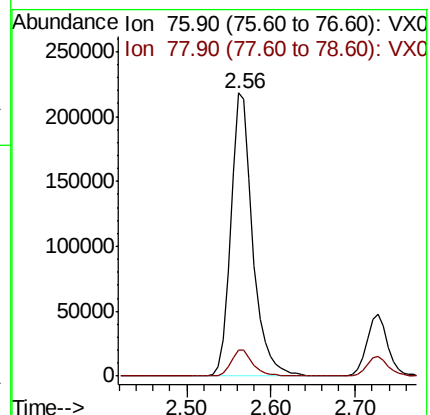
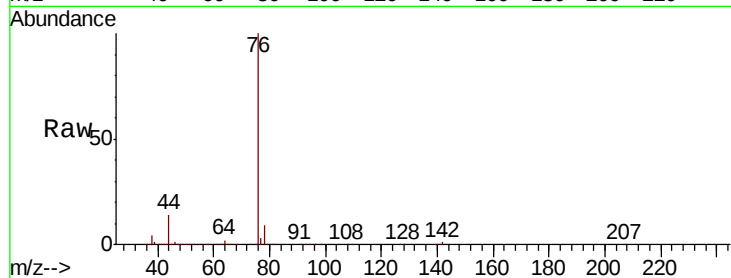
VSTDCCC050

Tot Ion: 76 Resp: 387208

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 48.763 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005207.D

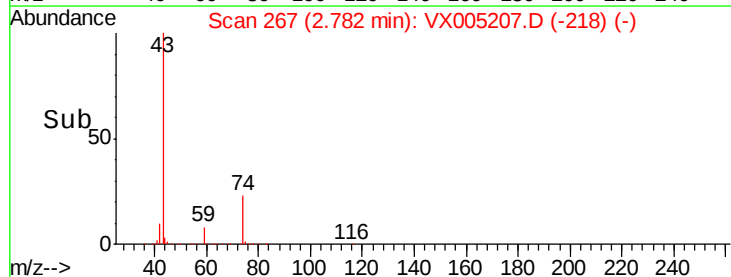
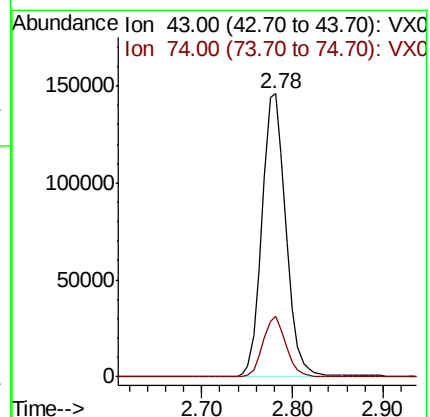
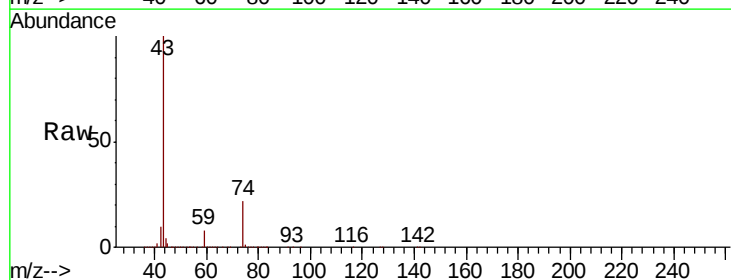
Acq: 10 Oct 2018 15:33

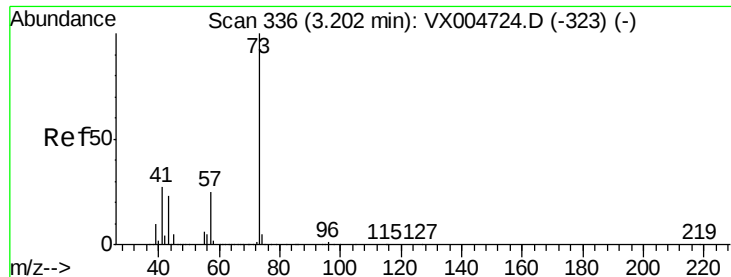
Tgt Ion: 43 Resp: 266001

Ion Ratio Lower Upper

43 100

74 20.9 17.8 26.8



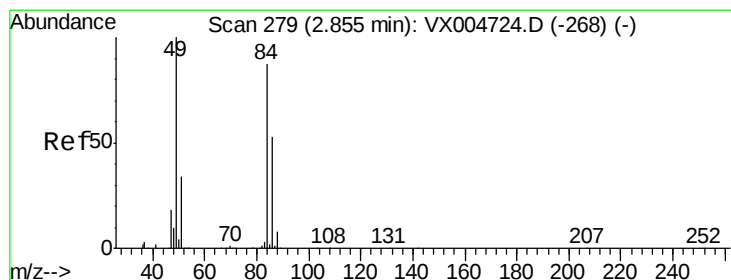
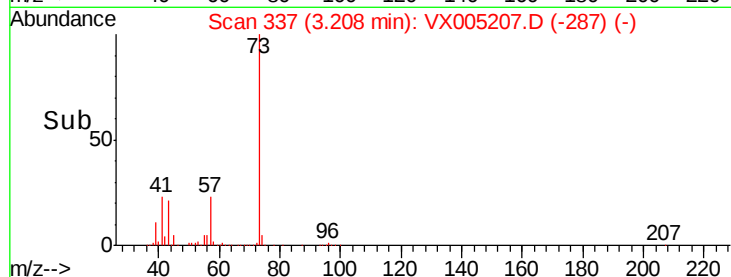
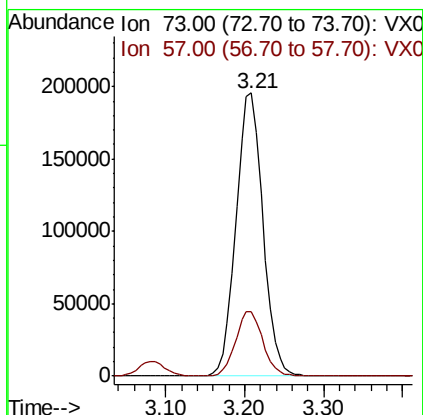
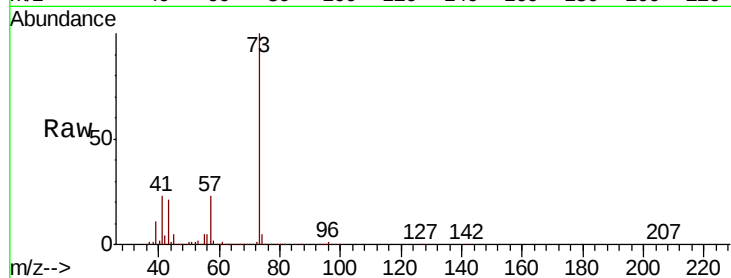


#19

Methyl tert-butyl Ether
 Concen: 48.174 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

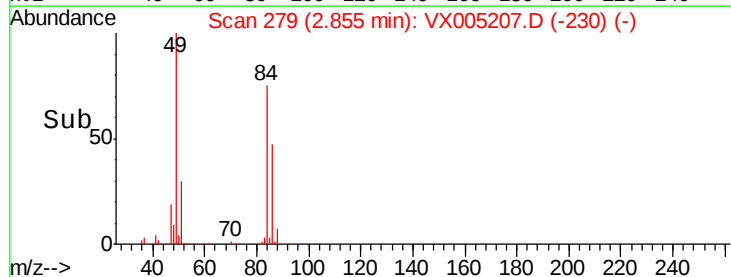
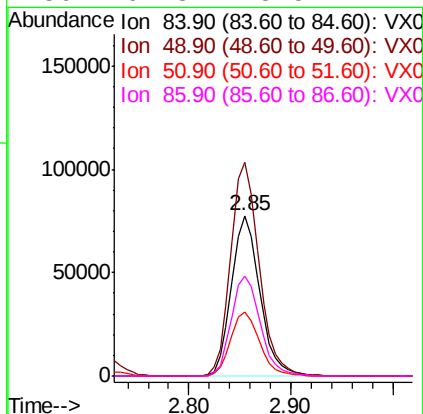
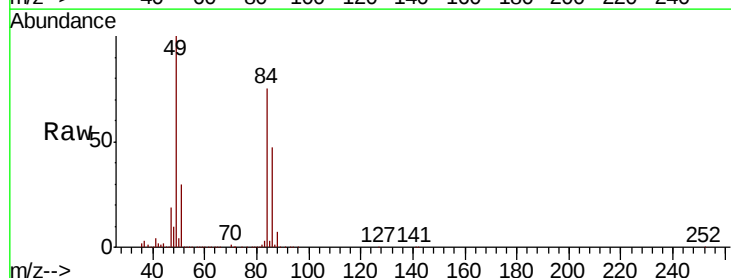
Tot Ion: 73 Resp: 464818
 Ion Ratio Lower Upper
 73 100
 57 22.8 19.9 29.9

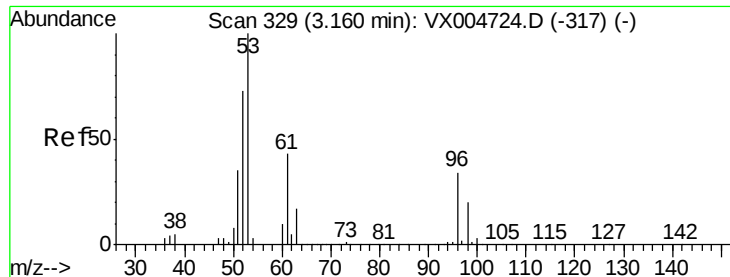


#20

Methylene Chloride
 Concen: 47.461 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Tgt Ion: 84 Resp: 148705
 Ion Ratio Lower Upper
 84 100
 49 133.3 92.3 138.5
 51 39.9 31.8 47.6
 86 62.3 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 45.357 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

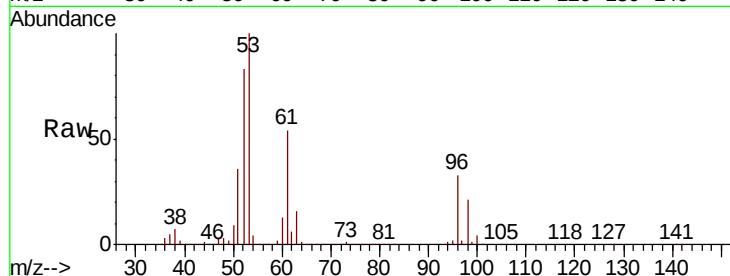
Tot Ion: 96 Resp: 138889

Ion Ratio Lower Upper

96 100

61 162.6 101.0 151.6#

98 64.3 47.2 70.8

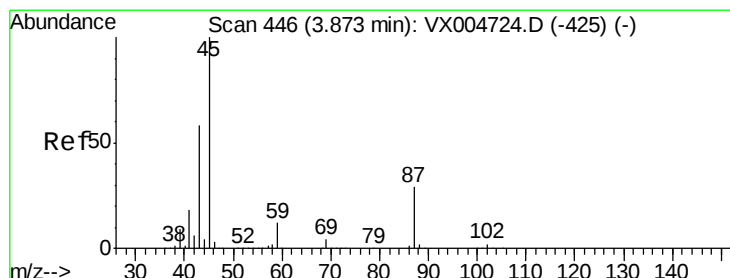
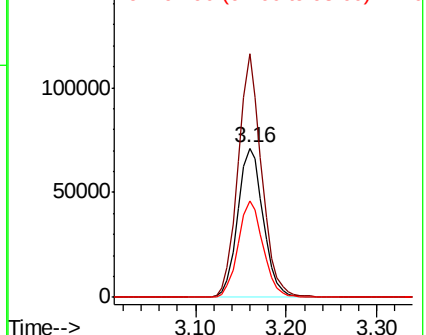
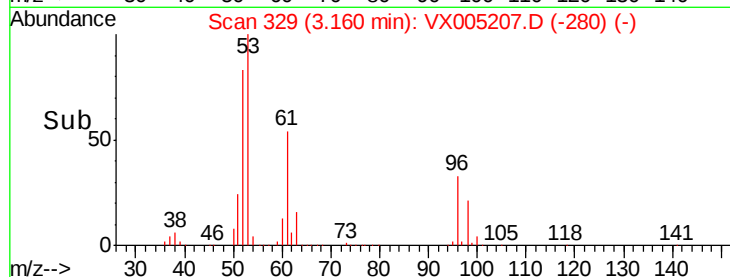


Abundance

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: 45.849 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Tgt Ion: 45 Resp: 471219

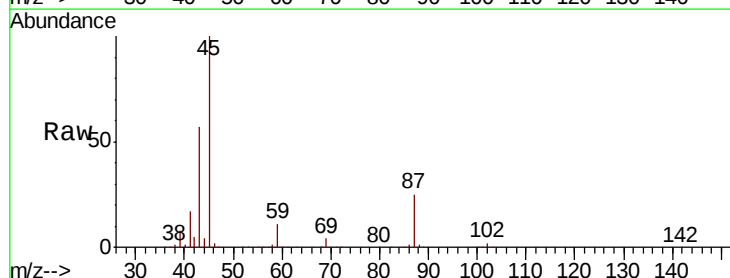
Ion Ratio Lower Upper

45 100

43 57.2 46.7 70.1

87 25.4 22.9 34.3

59 11.0 9.3 13.9



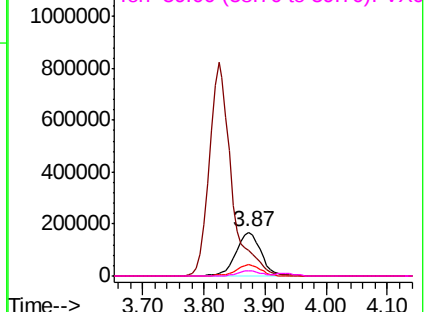
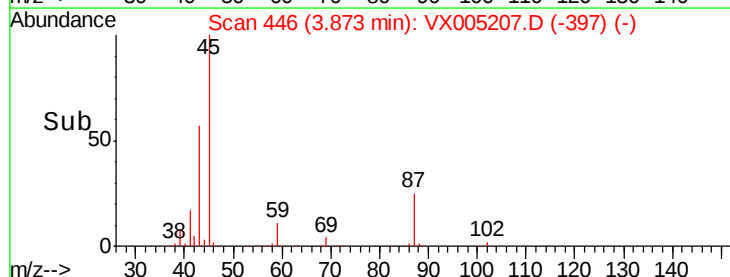
Abundance

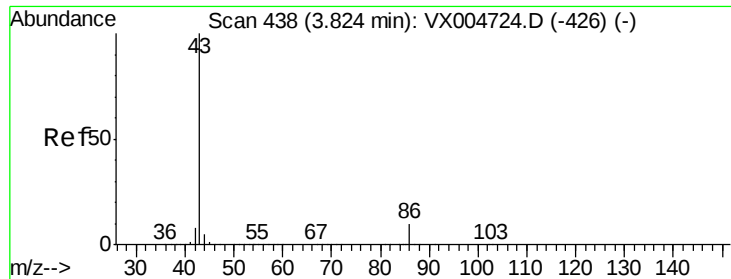
Ion 45.00 (44.70 to 45.70): VX0

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: 224.490 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

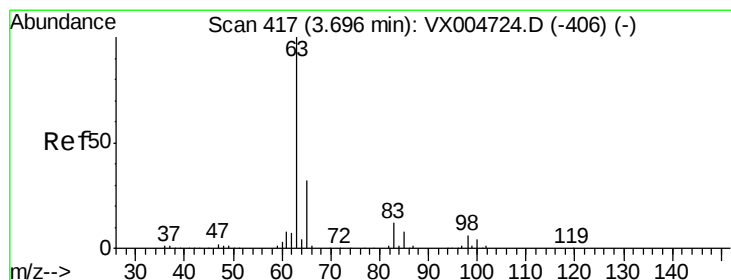
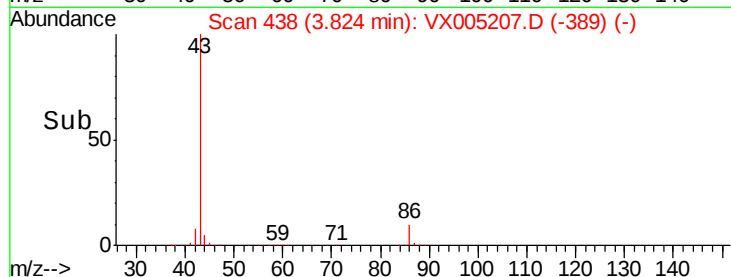
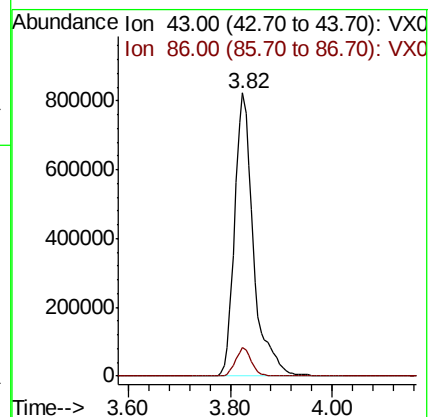
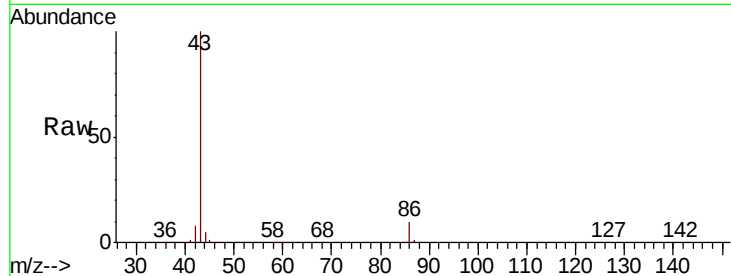
VSTDCCC050

Tot Ion: 43 Resp: 2111931

Ion Ratio Lower Upper

43 100

86 10.2 8.1 12.1



#24

1,1-Dichloroethane

Concen: 44.159 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

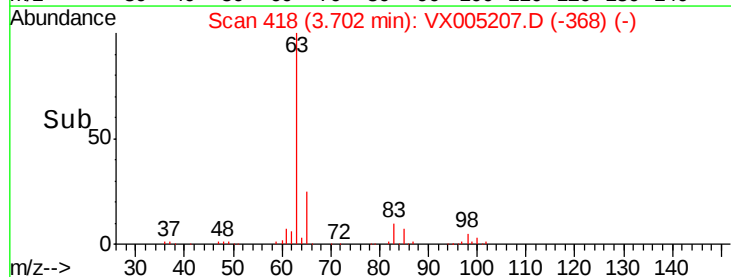
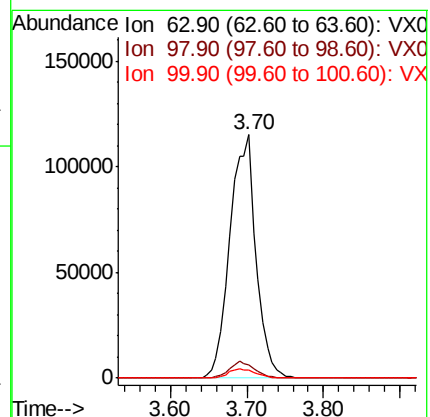
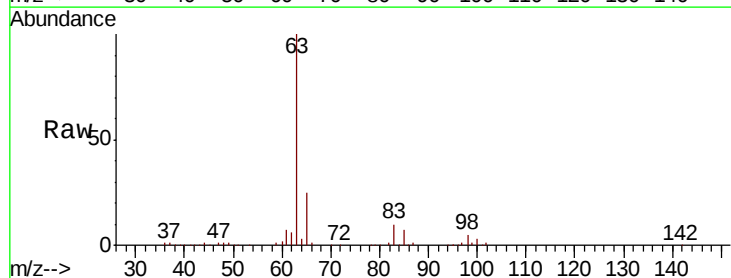
Tgt Ion: 63 Resp: 270726

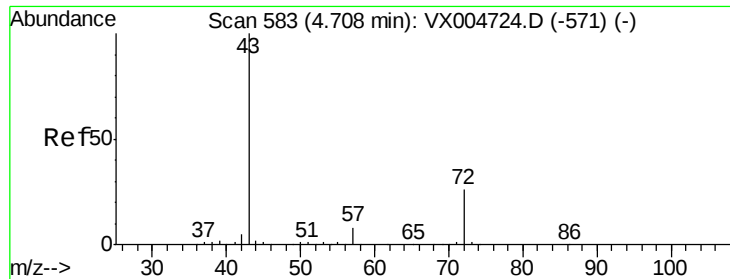
Ion Ratio Lower Upper

63 100

98 5.2 3.0 9.2

100 3.2 2.0 5.8





#25

2-Butanone

Concen: 231.082 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

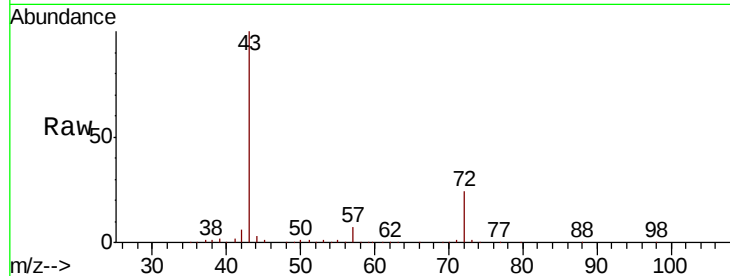
VSTDCCC050

Tot Ion: 43 Resp: 733370

Ion Ratio Lower Upper

43 100

72 23.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

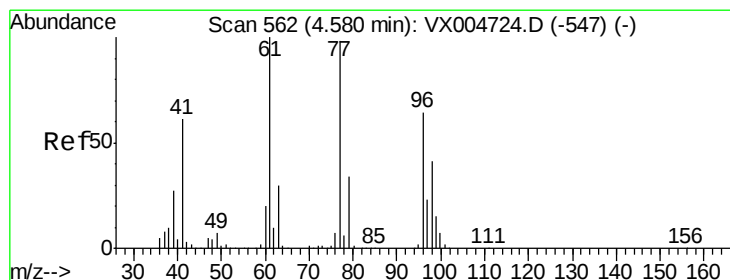
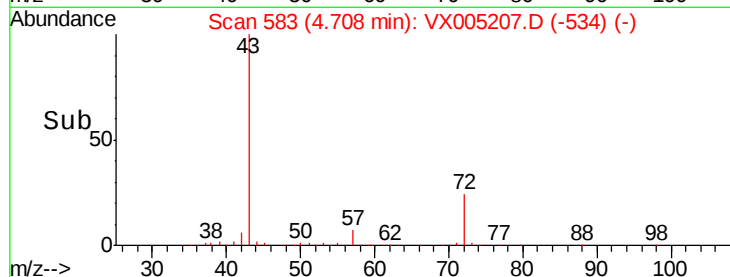
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 49.322 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005207.D

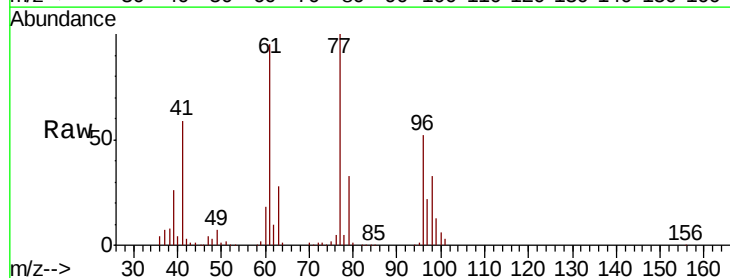
Acq: 10 Oct 2018 15:33

Tgt Ion: 77 Resp: 210562

Ion Ratio Lower Upper

77 100

97 22.9 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

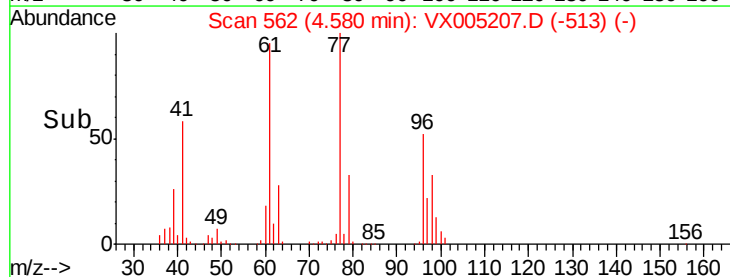
40000

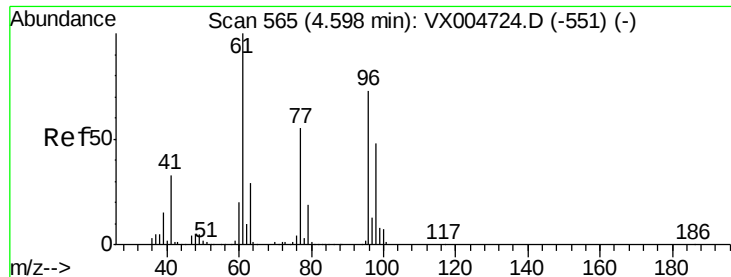
20000

0

4.50 4.60 4.70

Time-->



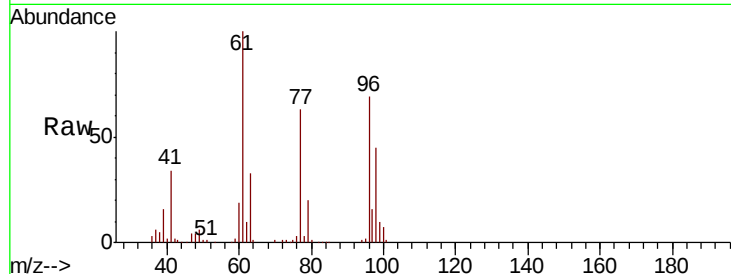


#27

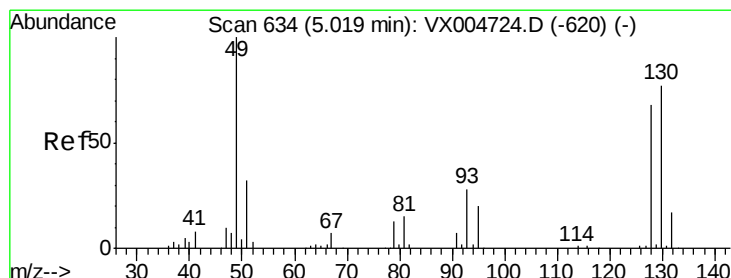
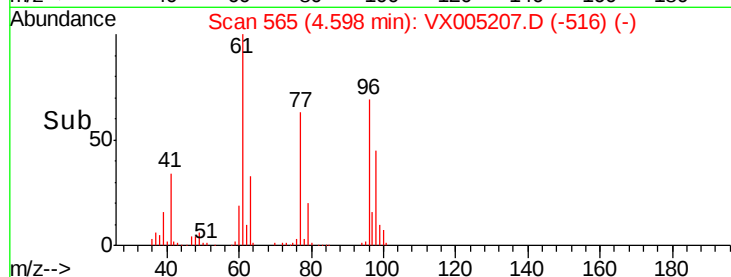
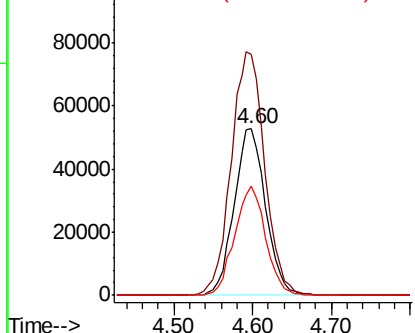
cis-1,2-Dichloroethene
Concen: 42.824 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 146492
Ion Ratio Lower Upper
96 100
61 154.9 0.0 285.8
98 64.4 0.0 136.2



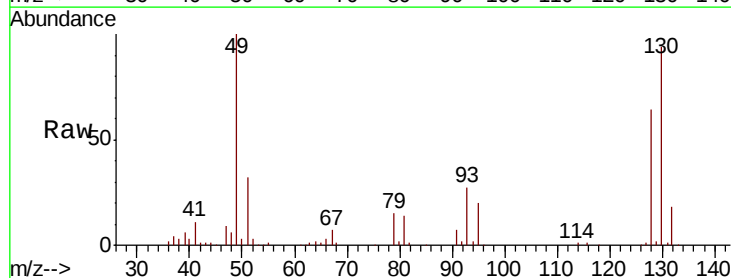
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



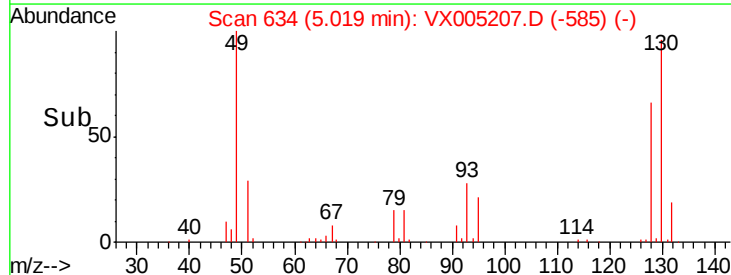
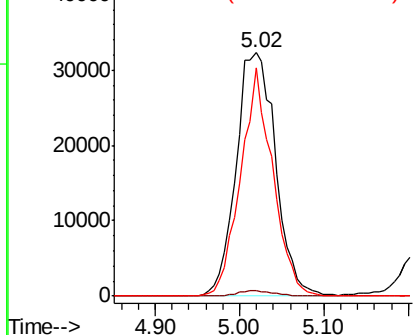
#28

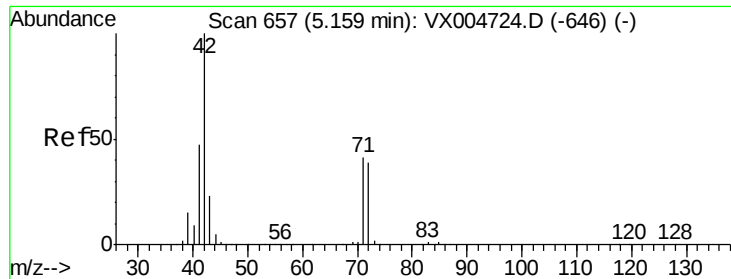
Bromochloromethane
Concen: 35.474 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 49 Resp: 102414
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 76.2 62.0 93.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

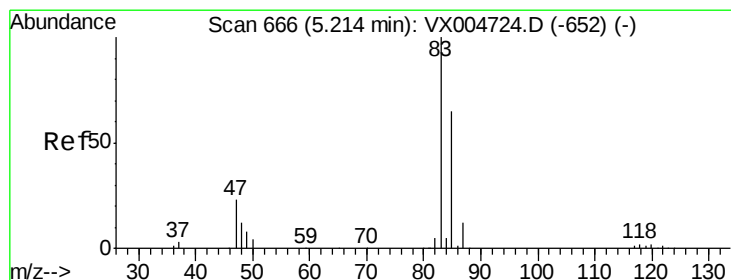
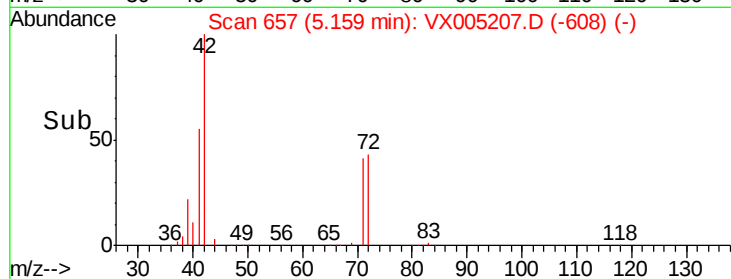
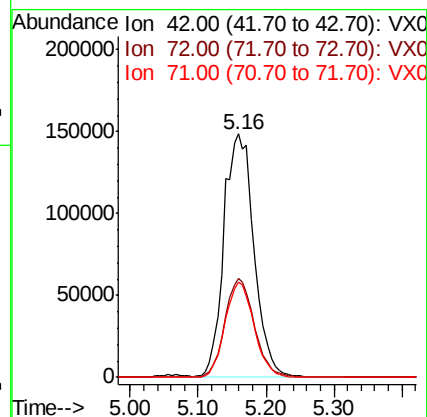
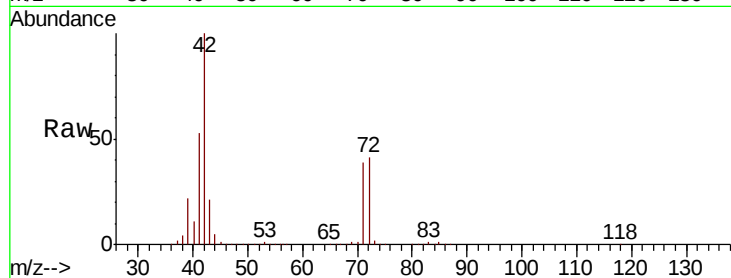




#29
Tetrahydrofuran
Concen: 230.143 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

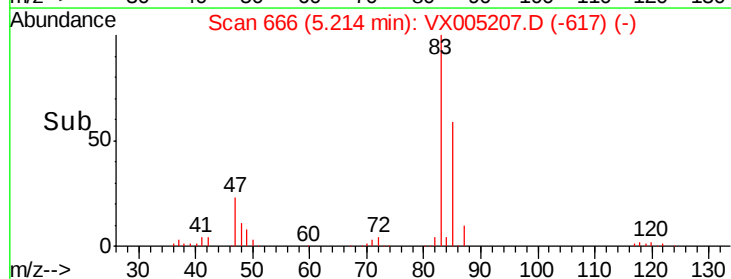
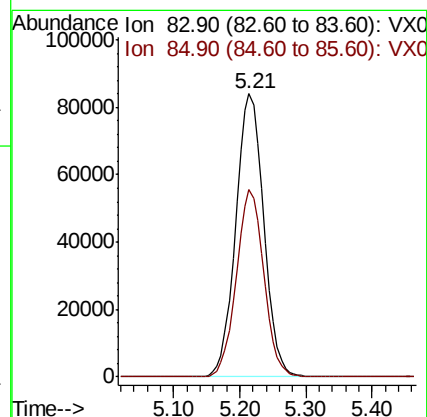
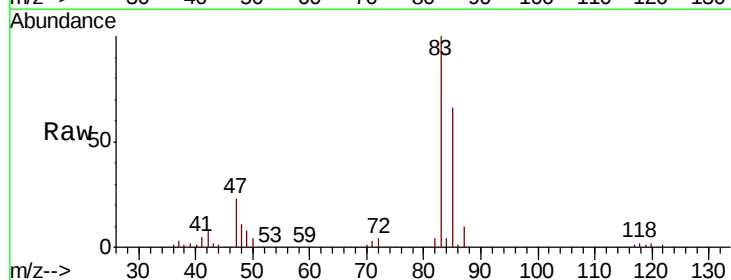
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

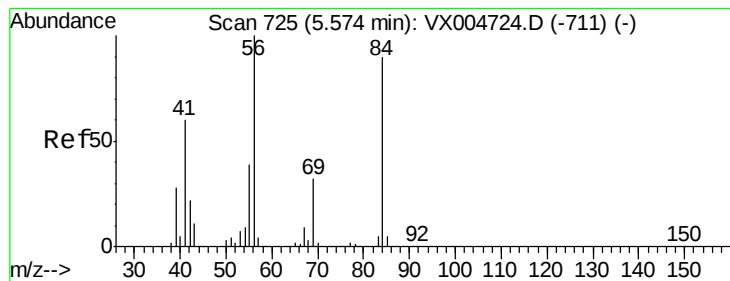
Tot Ion: 42 Resp: 453965
Ion Ratio Lower Upper
42 100
72 39.8 33.7 50.5
71 37.8 32.2 48.4



#30
Chloroform
Concen: 42.558 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 83 Resp: 246587
Ion Ratio Lower Upper
83 100
85 66.2 52.4 78.6





#31

Cyclohexane

Concen: 49.869 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

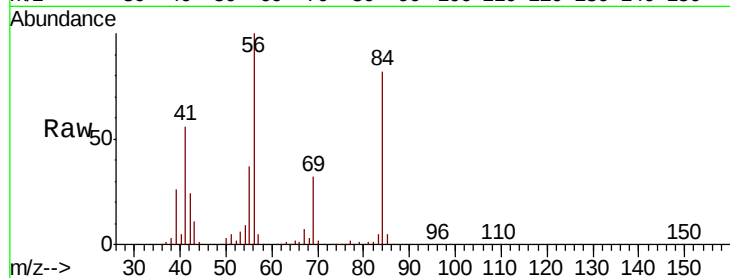
Tot Ion: 56 Resp: 233998

Ion Ratio Lower Upper

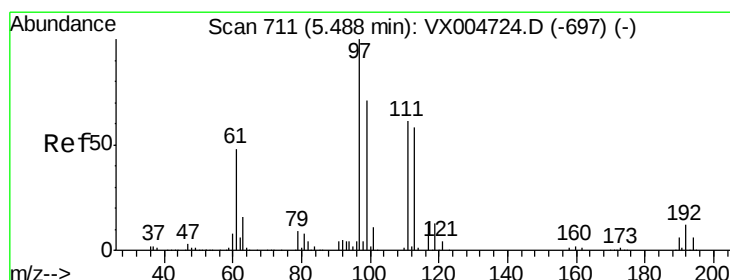
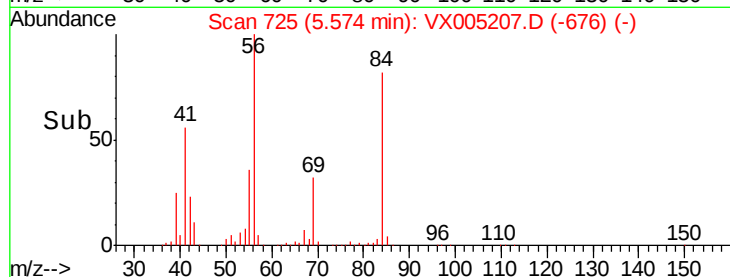
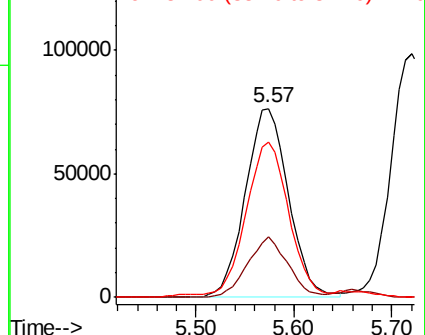
56 100

69 32.2 25.9 38.9

84 81.1 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 46.012 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

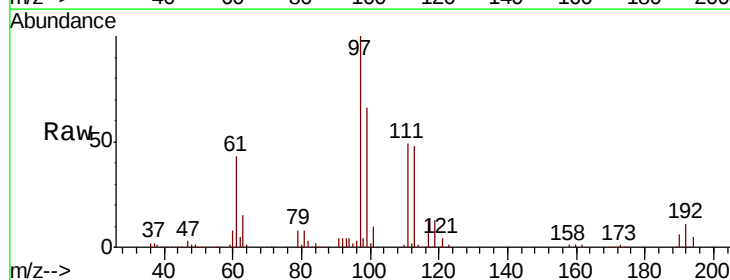
Tgt Ion: 97 Resp: 217725

Ion Ratio Lower Upper

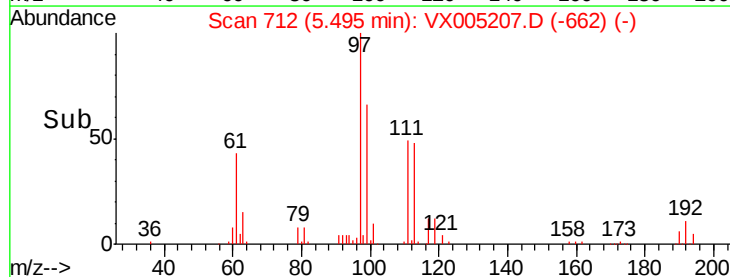
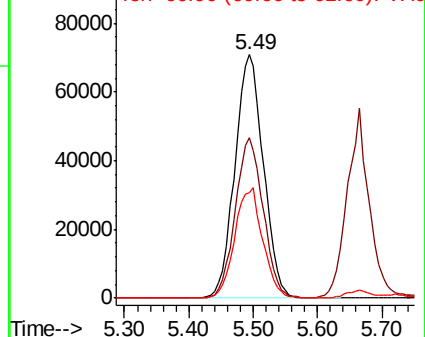
97 100

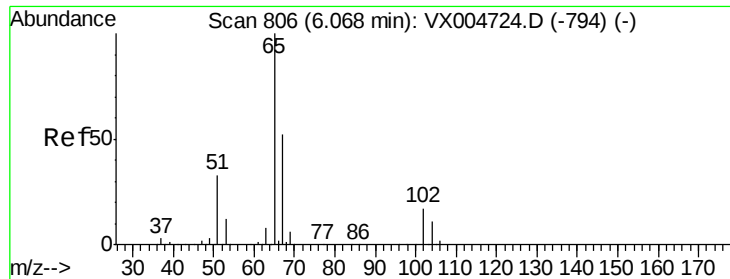
99 64.4 54.6 82.0

61 44.7 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 35.453 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

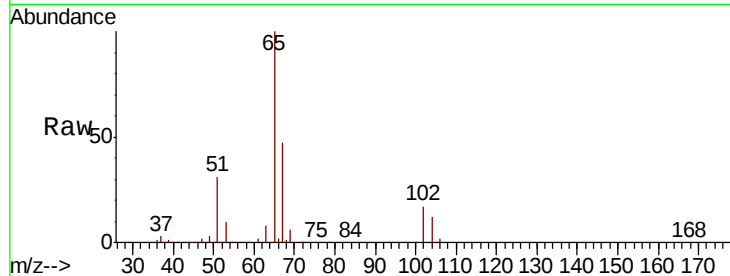
VSTDCCC050

Tot Ion: 65 Resp: 130744

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

60000

40000

20000

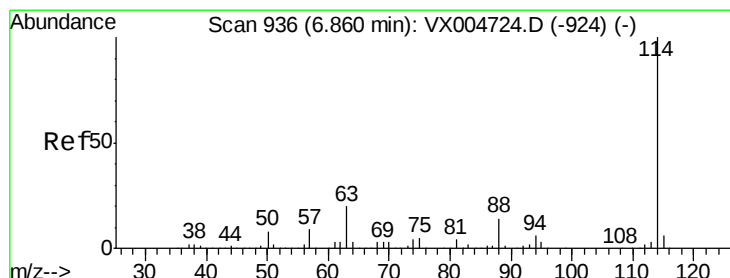
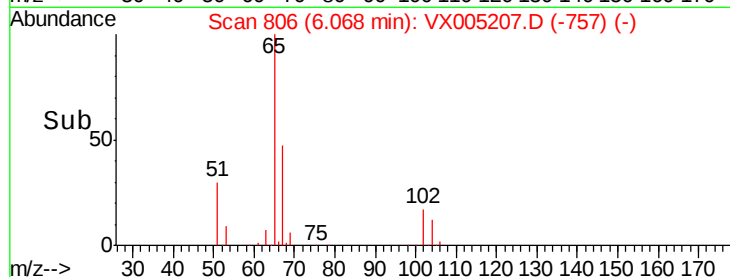
0

Time-->

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

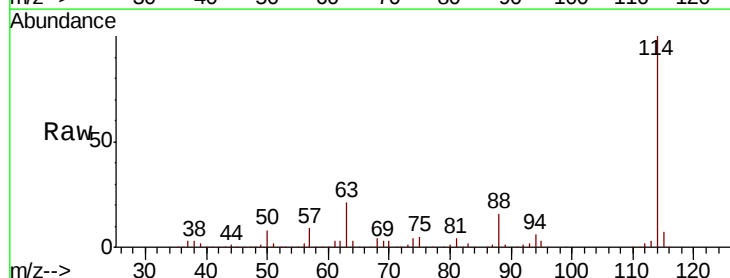
Tgt Ion: 114 Resp: 358725

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.8

88 16.1 0.0 27.0



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

200000

150000

100000

50000

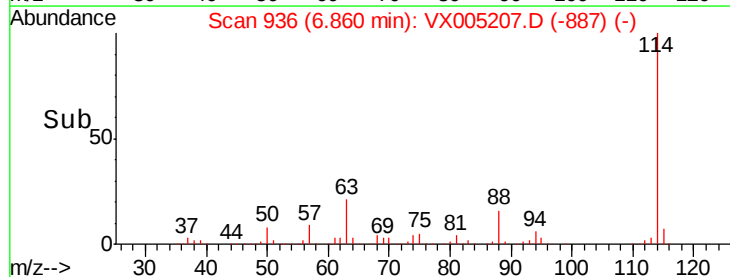
0

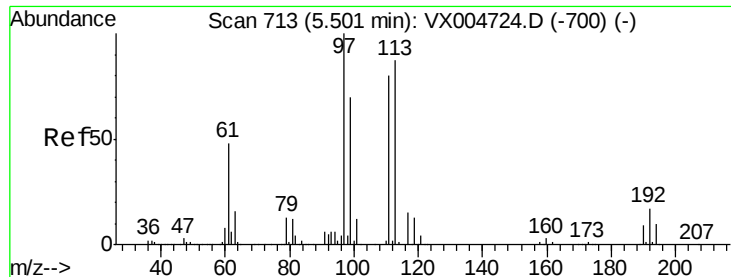
Time-->

6.80

7.00

7.20





#35

Dibromofluoromethane

Concen: 34.691 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

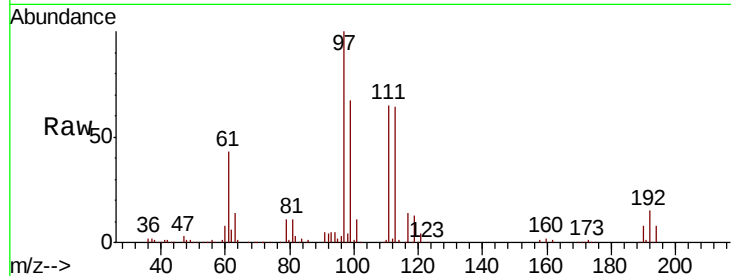
Tot Ion:113 Resp: 105468

Ion Ratio Lower Upper

113 100

111 101.8 77.0 115.4

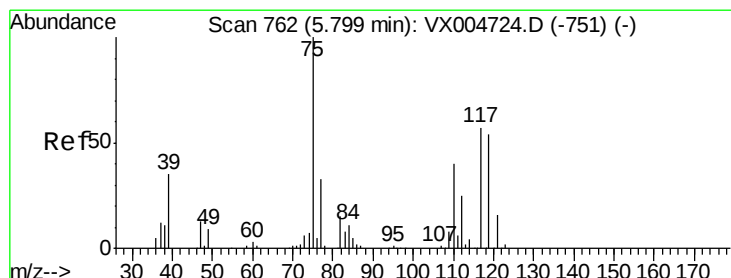
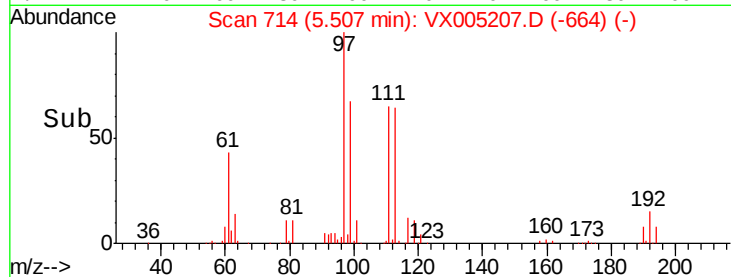
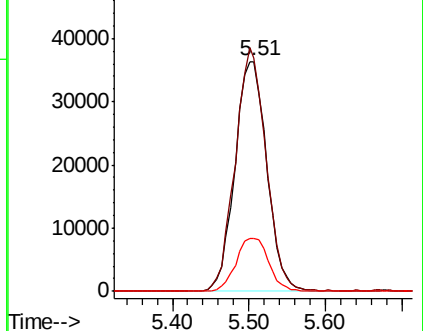
192 23.7 17.0 25.6



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: 47.003 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

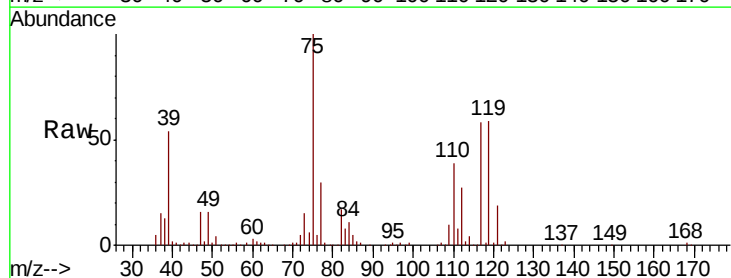
Tgt Ion: 75 Resp: 194968

Ion Ratio Lower Upper

75 100

110 37.2 20.0 59.9

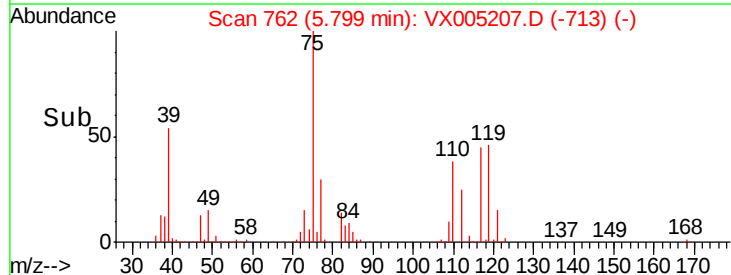
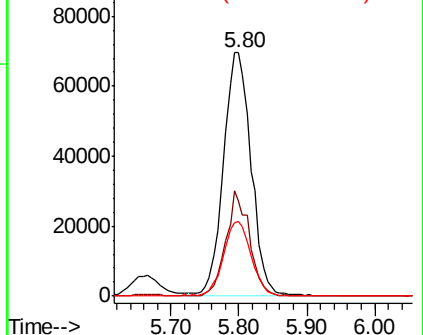
77 30.7 27.1 40.7

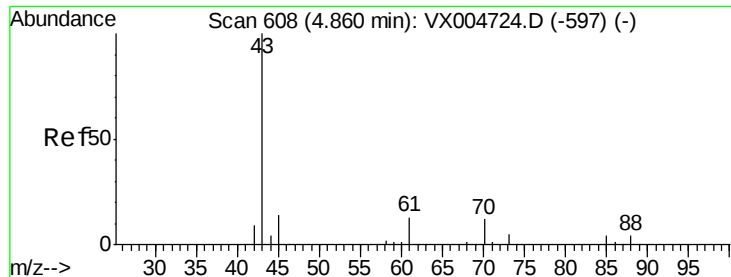


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

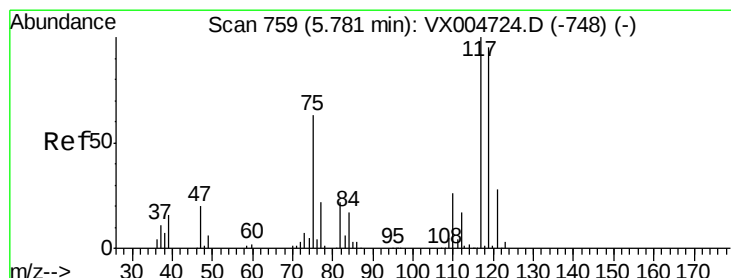
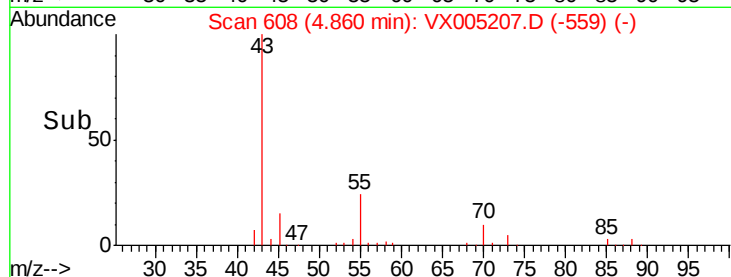
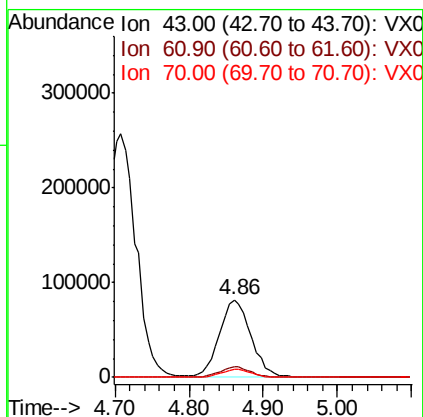
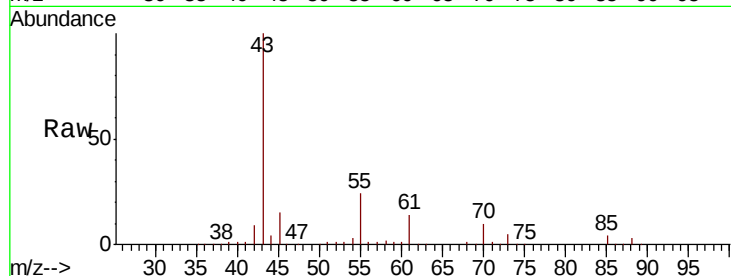




#37
Ethyl Acetate
Concen: 43.828 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

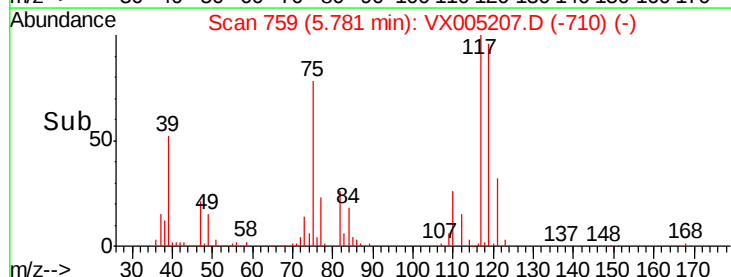
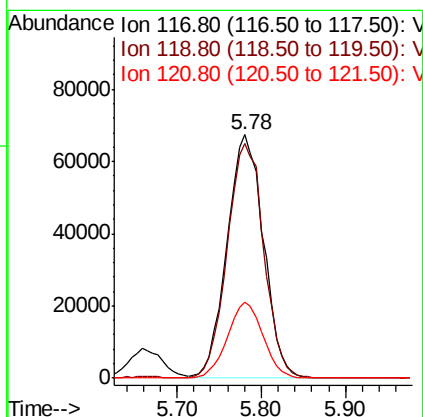
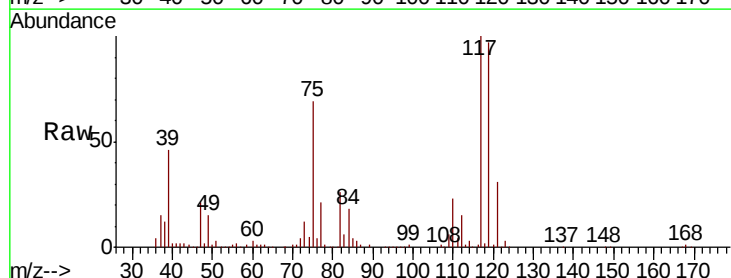
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

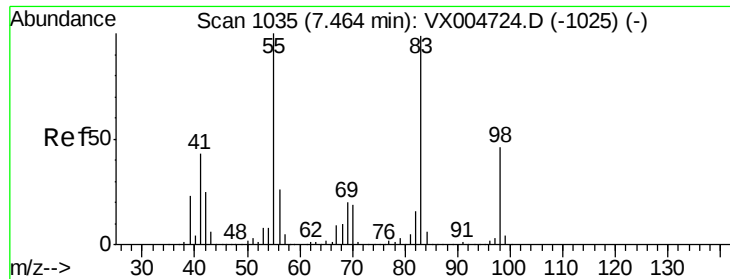
Tot Ion: 43 Resp: 241324
Ion Ratio Lower Upper
43 100
61 13.3 10.4 15.6
70 10.1 8.7 13.1



#38
Carbon Tetrachloride
Concen: 45.463 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 117 Resp: 198233
Ion Ratio Lower Upper
117 100
119 96.6 75.2 112.8
121 31.2 22.5 33.7

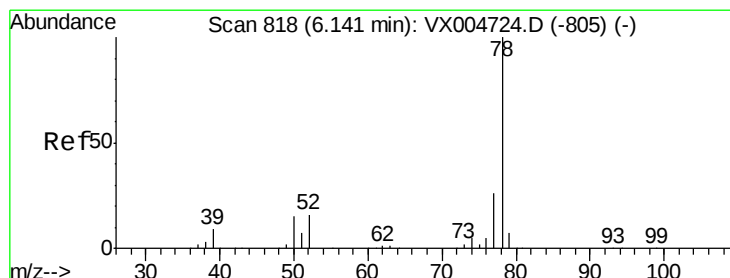
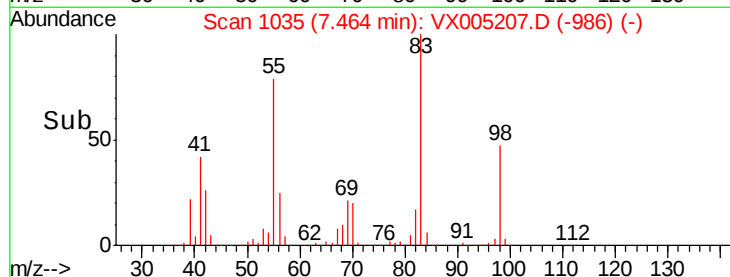
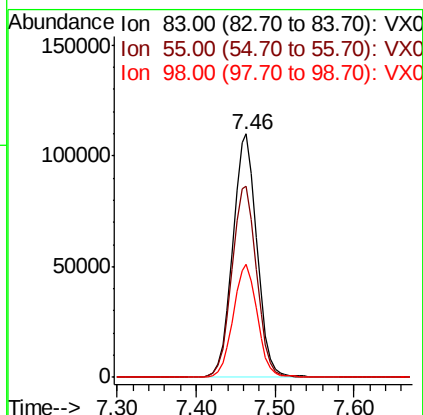
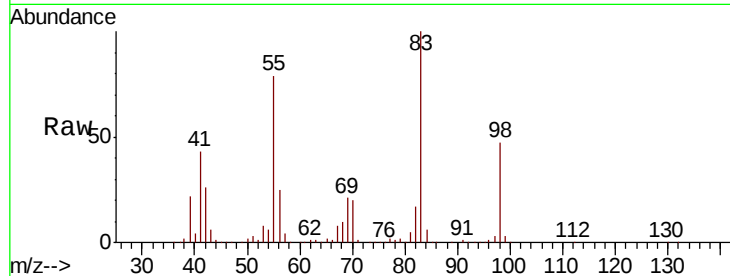




#39
Methylvlcyclohexane
Concen: 55.431 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

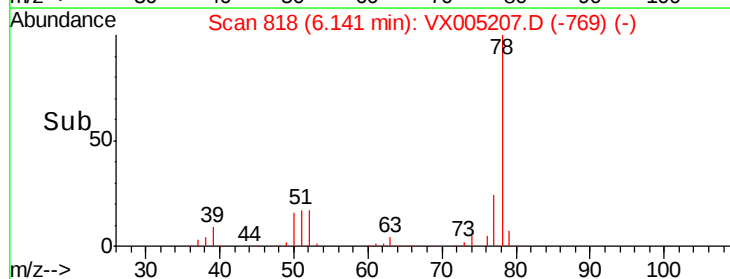
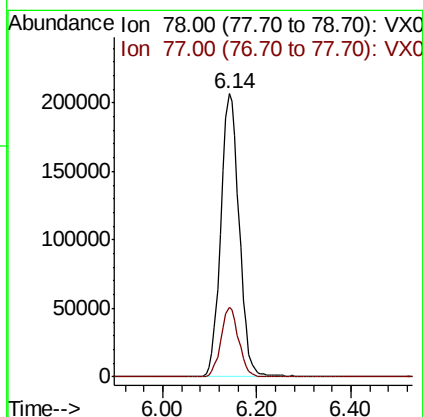
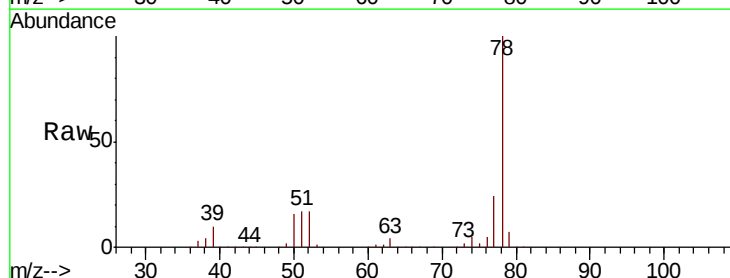
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

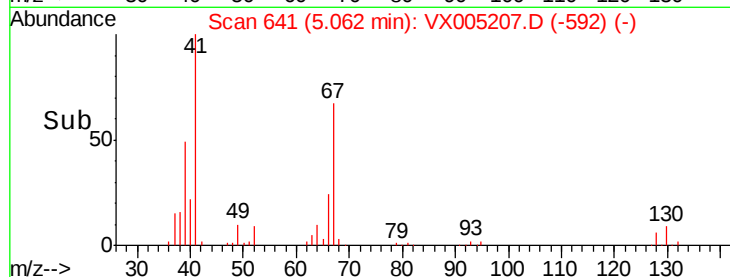
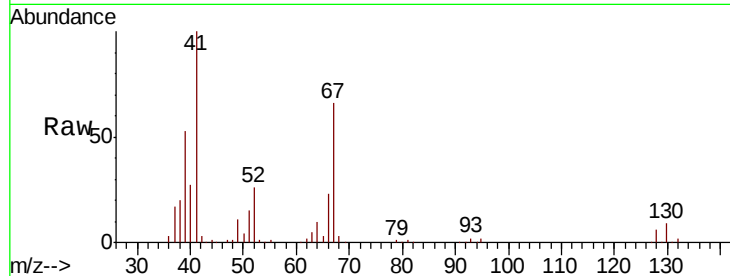
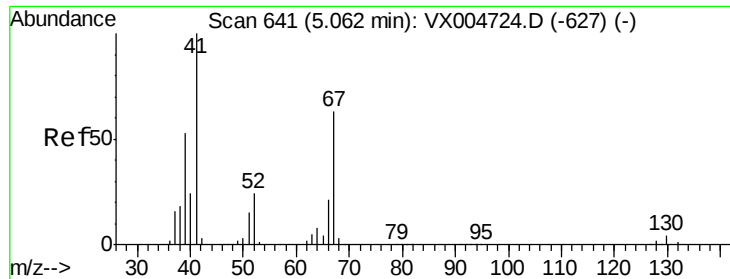
Tot Ion: 83 Resp: 234781
Ion Ratio Lower Upper
83 100
55 78.5 81.1 121.7#
98 46.6 37.3 55.9



#40
Benzene
Concen: 43.200 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 78 Resp: 561005
Ion Ratio Lower Upper
78 100
77 24.4 21.0 31.4

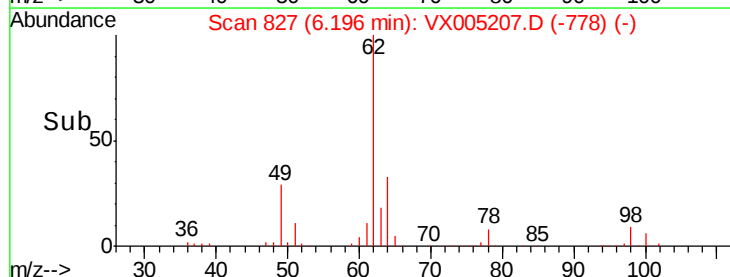
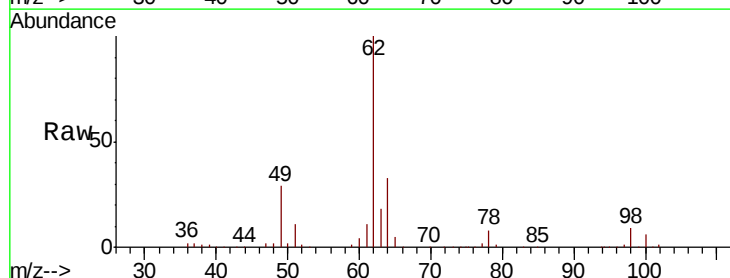
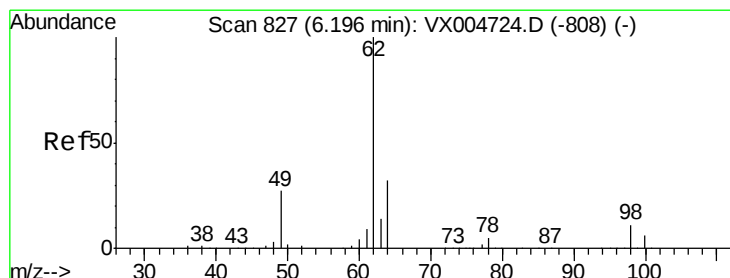
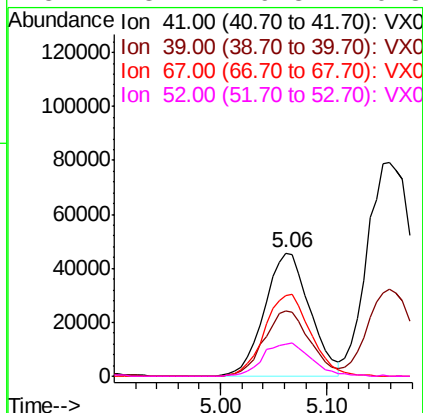




#41
Methacrylonitrile
Concen: 44.061 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

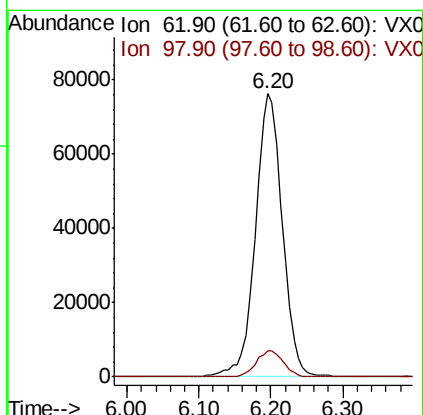
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

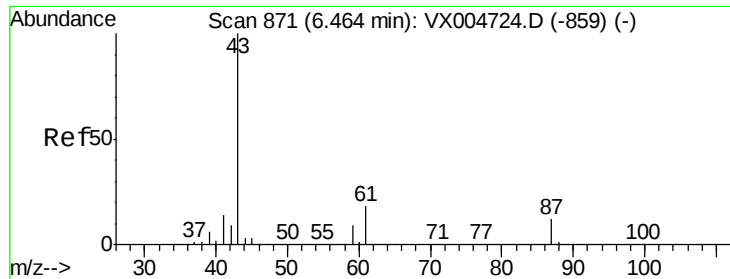
Tot Ion:	41	Resp:	134543
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.5	63.7
67	68.2	53.0	79.6
52	28.1	19.8	29.8



#42
1,2-Dichloroethane
Concen: 43.285 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion:	62	Resp:	198711
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 44.972 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

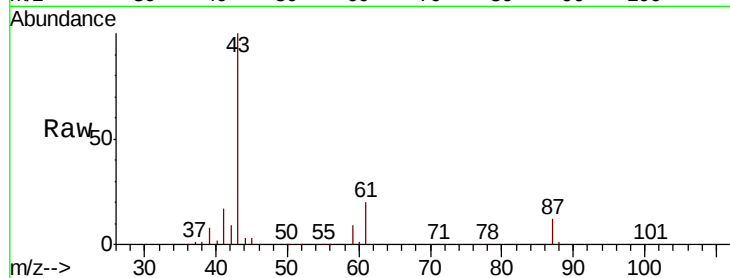
Tot Ion: 43 Resp: 357401

Ion Ratio Lower Upper

43 100

61 19.9 14.2 21.4

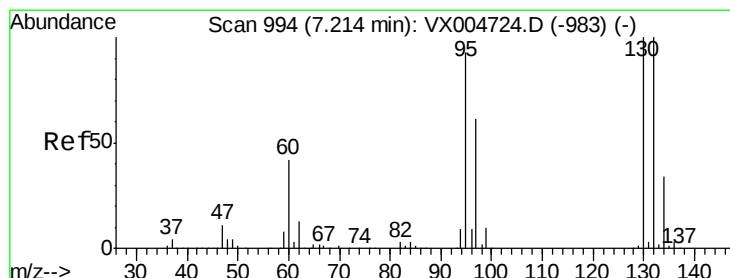
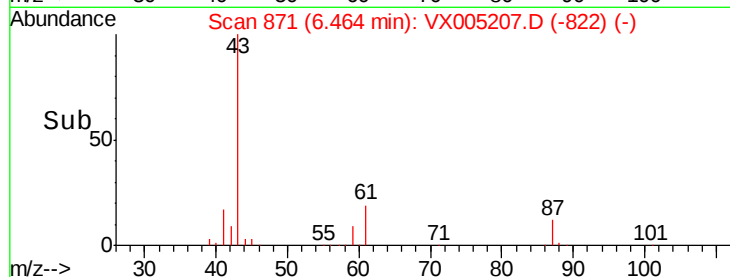
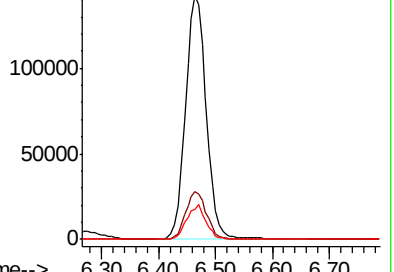
87 13.1 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 46.759 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005207.D

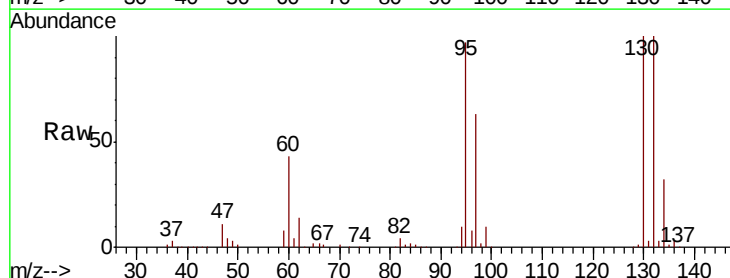
Acq: 10 Oct 2018 15:33

Tgt Ion:130 Resp: 149272

Ion Ratio Lower Upper

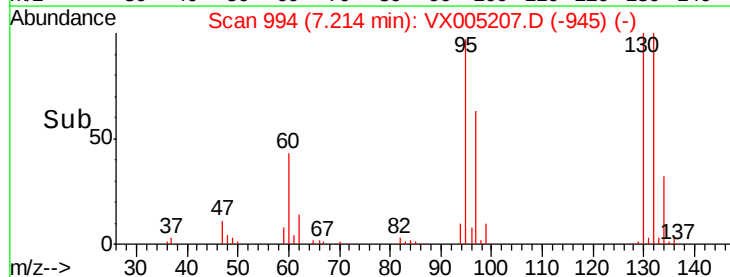
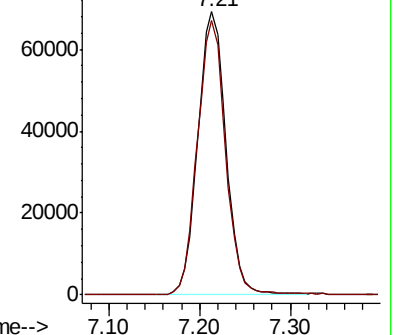
130 100

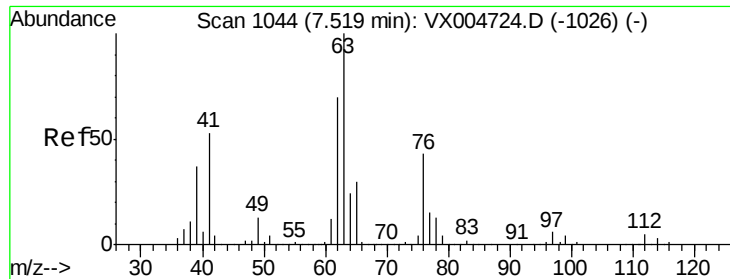
95 96.9 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)

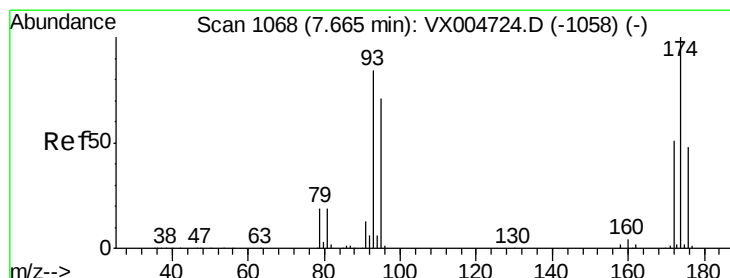
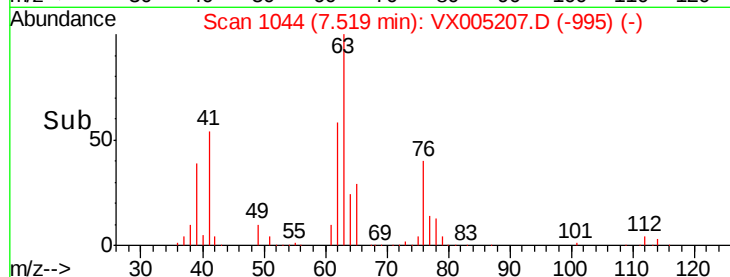
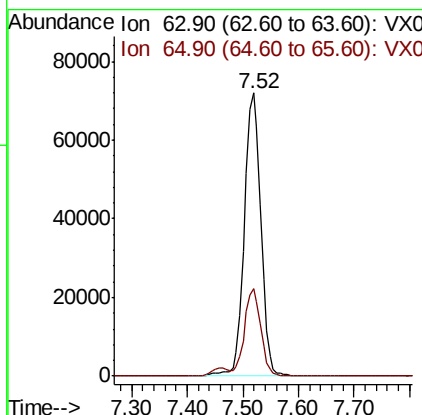
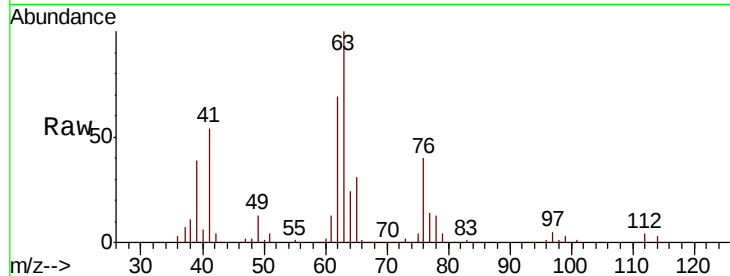




#45
 1,2-Dichloropropane
 Concen: 46.842 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

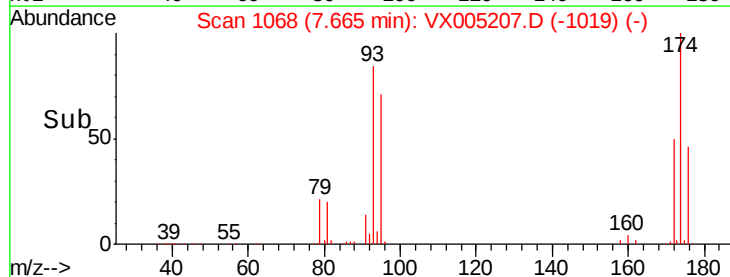
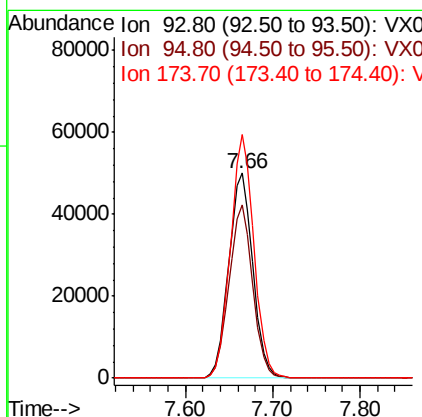
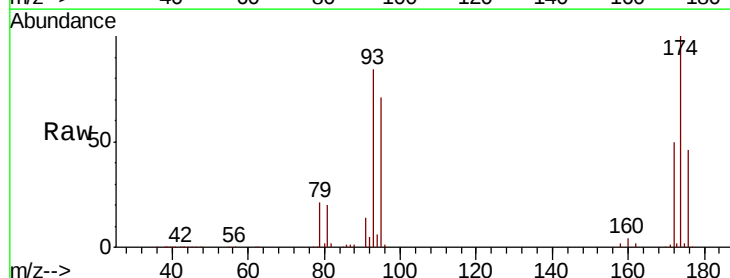
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

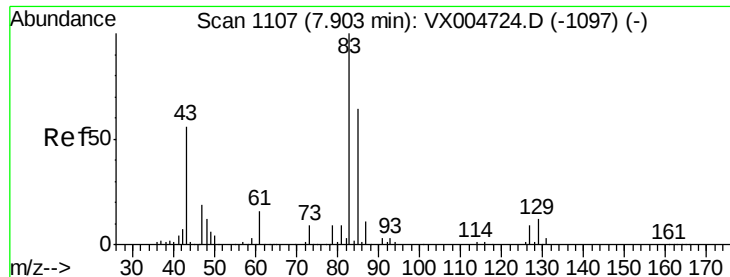
Tot Ion: 63 Resp: 149173
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9



#46
 Dibromomethane
 Concen: 48.037 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Tgt Ion: 93 Resp: 96141
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.7 100.1
 174 115.7 92.7 139.1





#47

Bromodichloromethane

Concen: 49.476 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

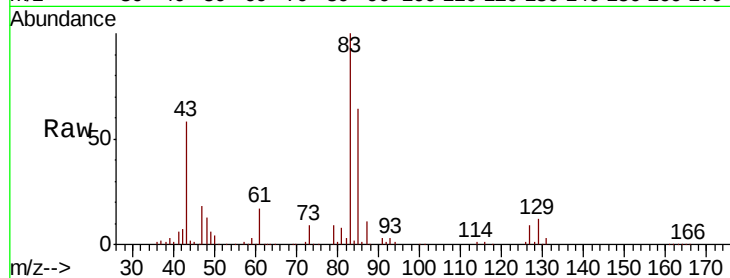
Tot Ion: 83 Resp: 185395

Ion Ratio Lower Upper

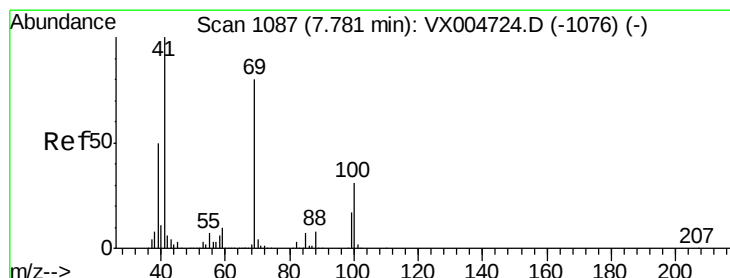
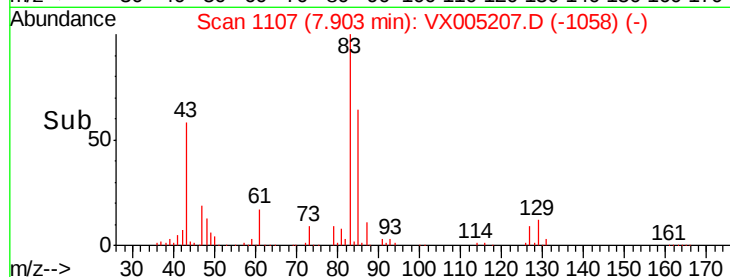
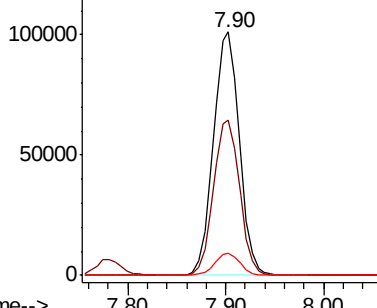
83 100

85 63.8 51.2 76.8

127 9.1 7.0 10.6



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: 52.843 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

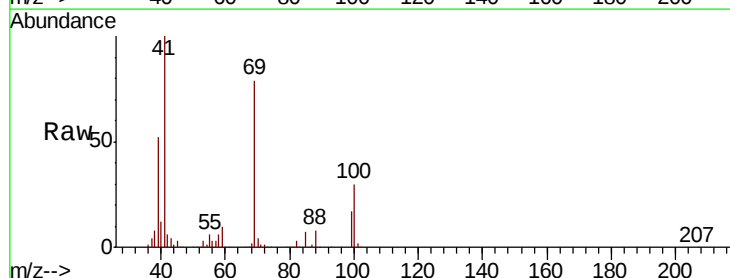
Tgt Ion: 41 Resp: 190611

Ion Ratio Lower Upper

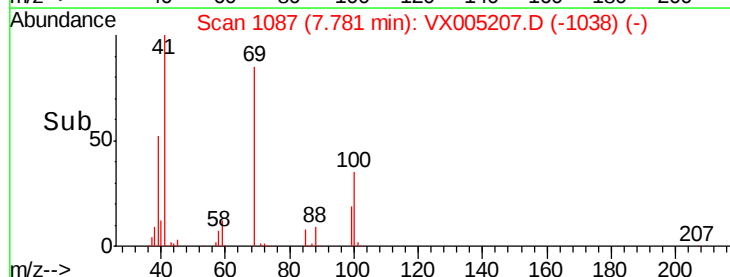
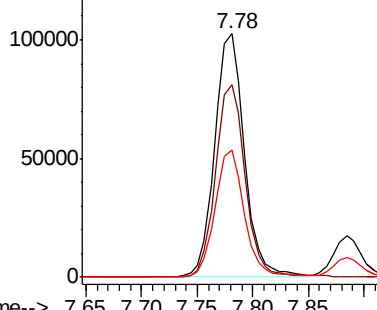
41 100

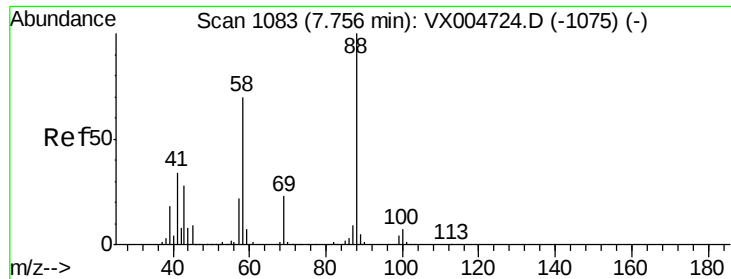
69 79.8 63.8 95.6

39 51.3 40.7 61.1



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

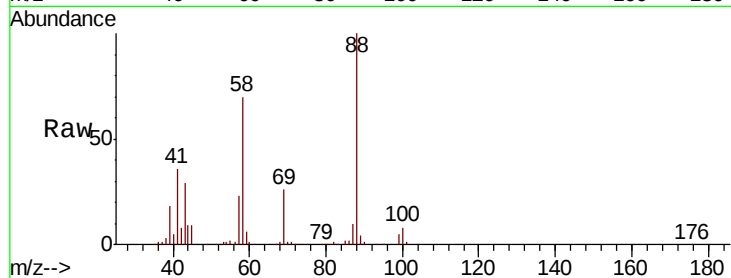




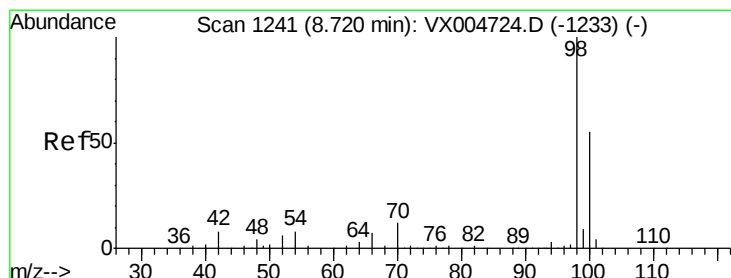
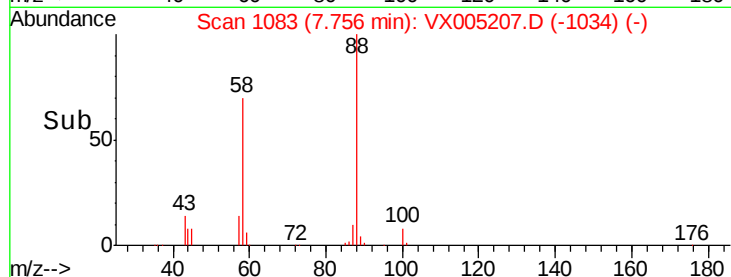
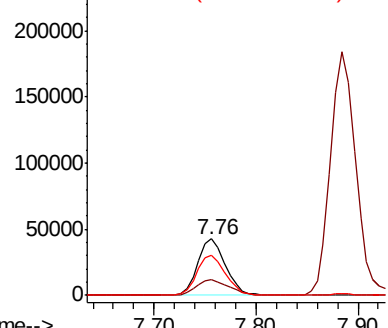
#49
1,4-Dioxane
Concen: 896.257 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 80318
Ion Ratio Lower Upper
88 100
43 32.9 25.1 37.7
58 73.9 56.2 84.2

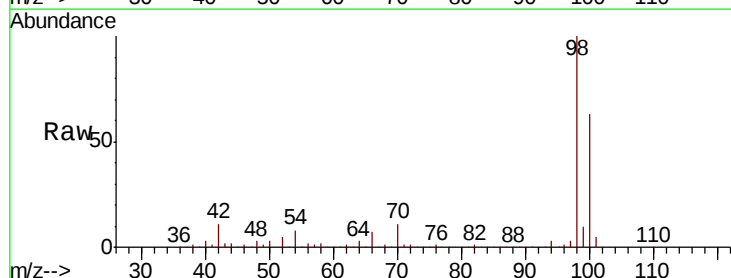


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

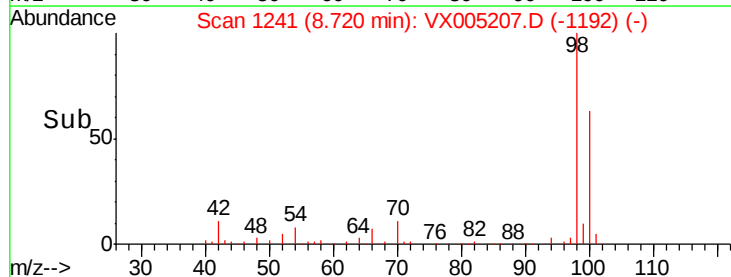
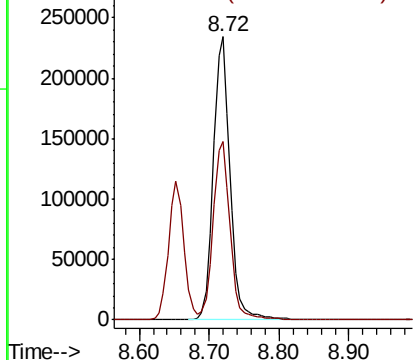


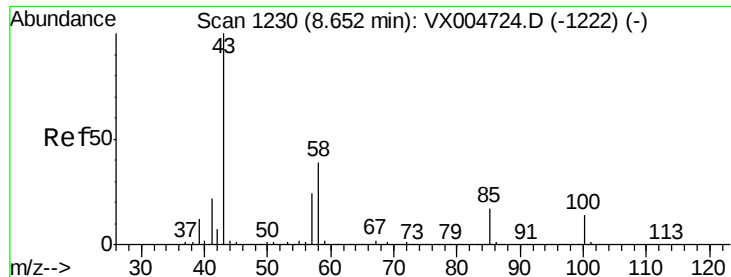
#50
Toluene-d8
Concen: 38.346 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 98 Resp: 387576
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



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

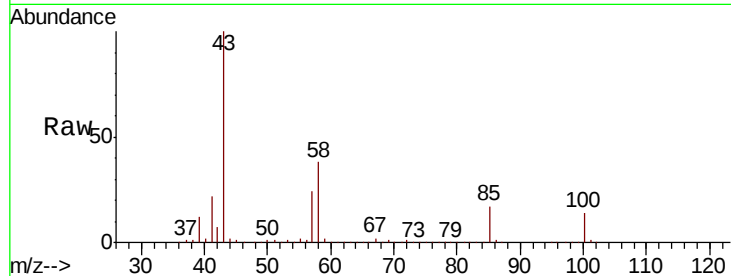




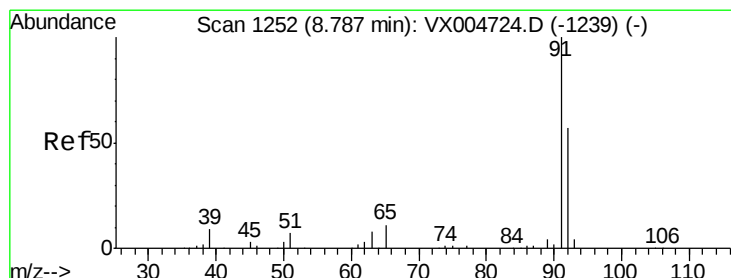
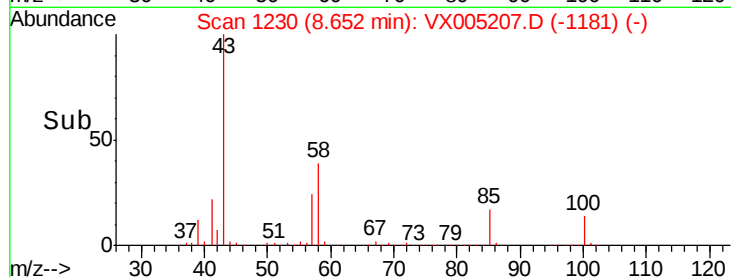
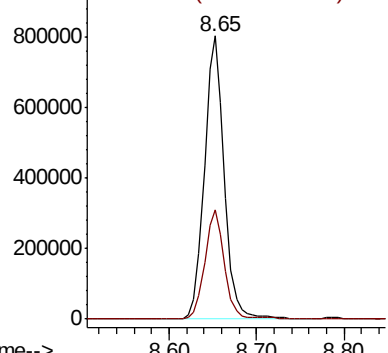
#51
4-Methyl-2-Pentanone
Concen: 253.176 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1266874
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7

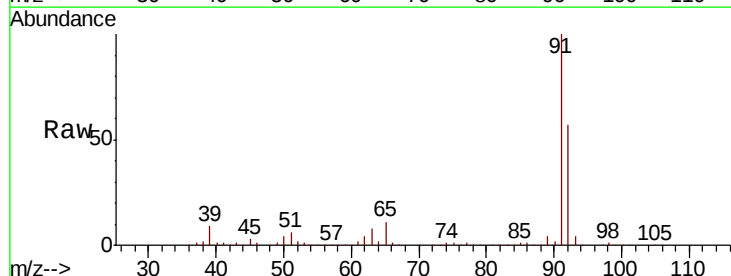


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

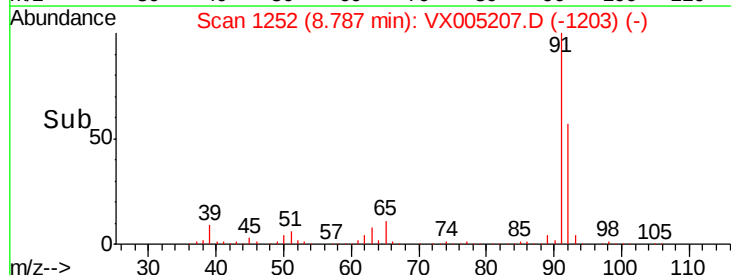
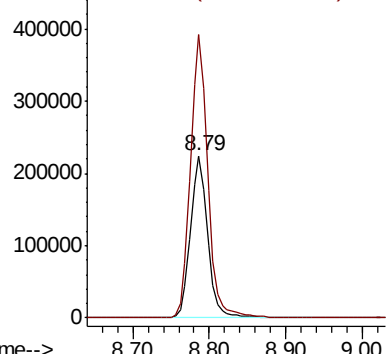


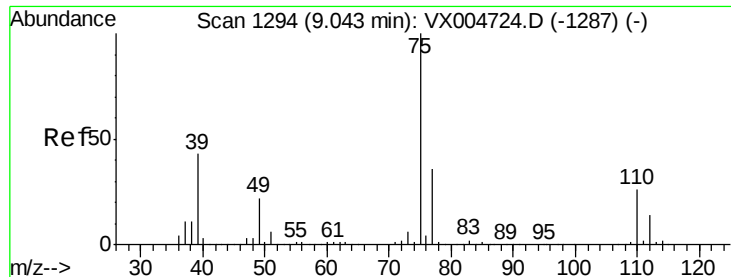
#52
Toluene
Concen: 49.160 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 92 Resp: 350788
Ion Ratio Lower Upper
92 100
91 175.5 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.597 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

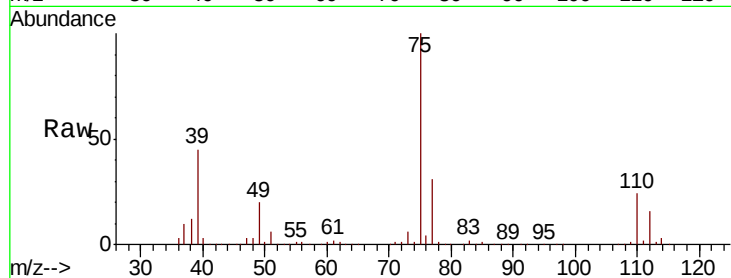
VSTDCCC050

Tot Ion: 75 Resp: 214251

Ion Ratio Lower Upper

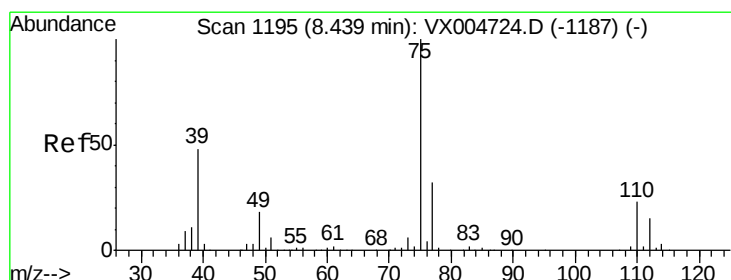
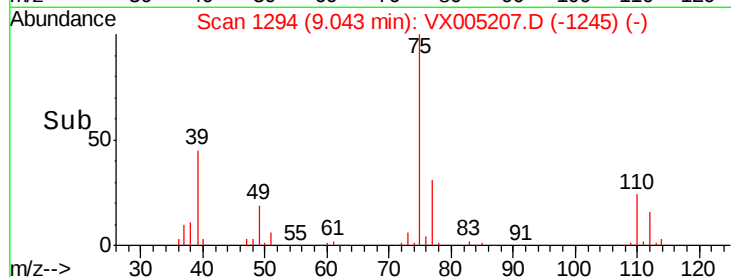
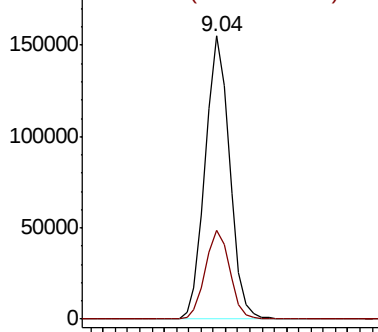
75 100

77 31.2 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.328 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

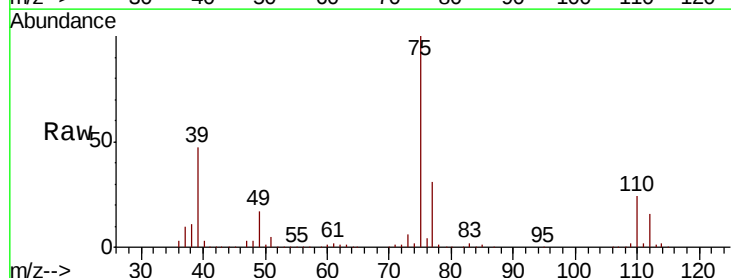
Tgt Ion: 75 Resp: 232089

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5

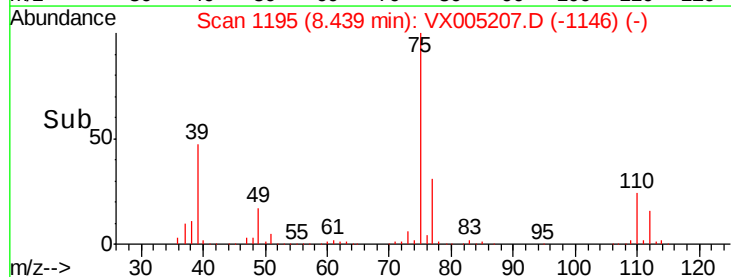
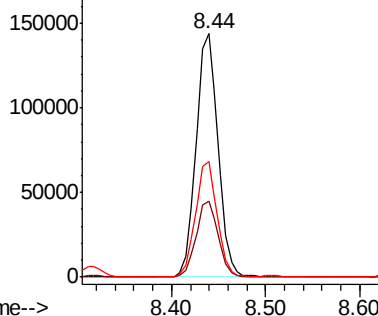
39 47.2 38.3 57.5

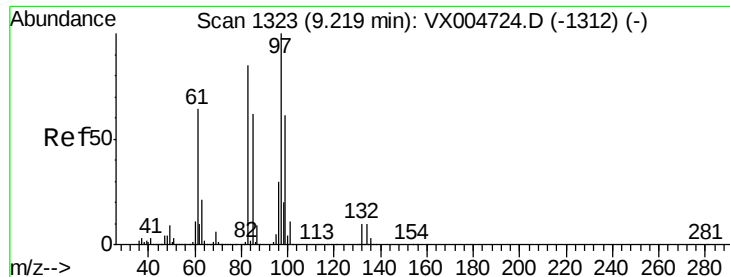


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

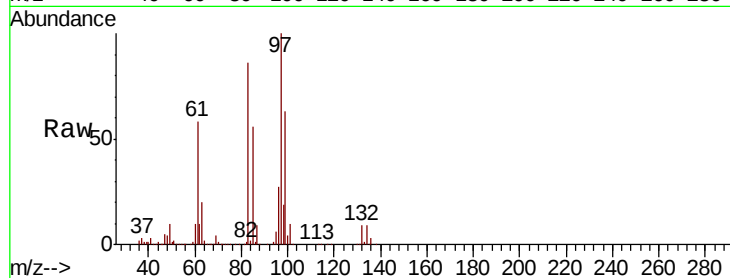




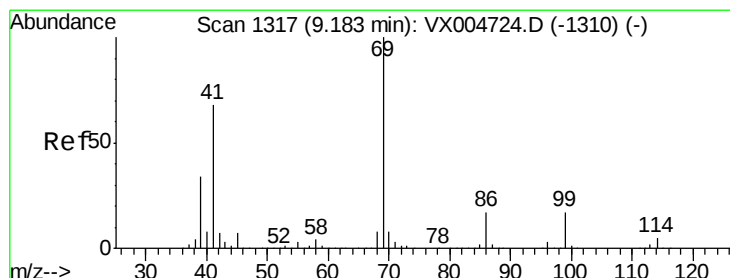
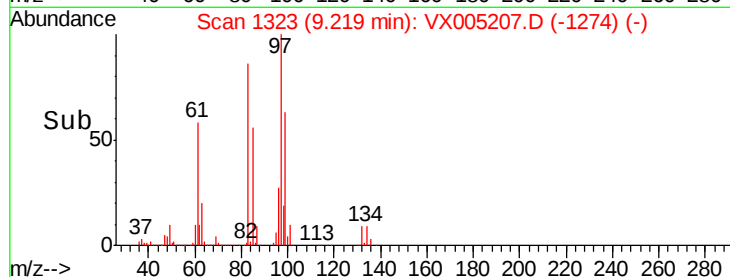
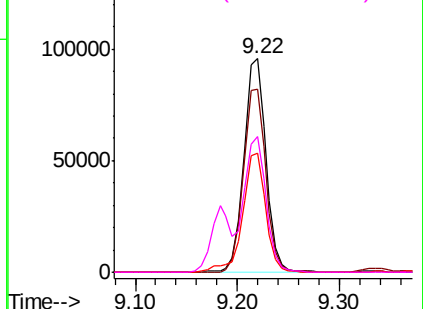
#55
 1,1,2-Trichloroethane
 Concen: 45.906 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	143487
Ion	Ratio	Lower	Upper
97	100		
83	85.7	68.2	102.2
85	55.6	49.9	74.9
99	63.2	48.9	73.3

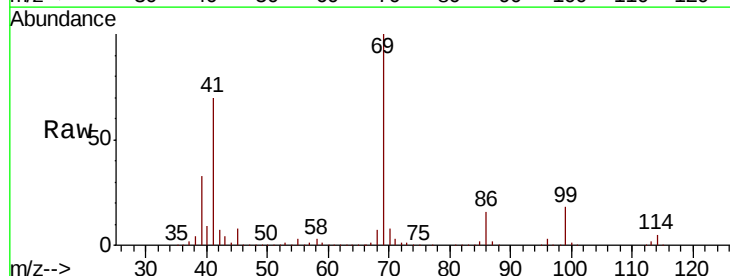


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

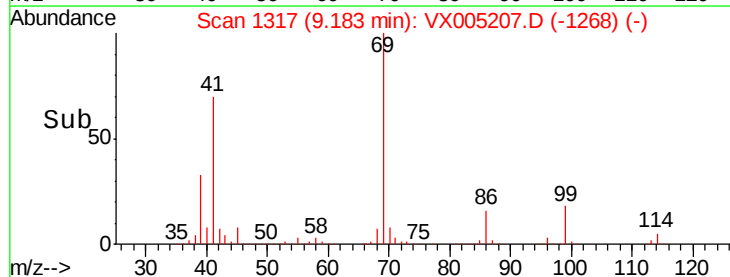
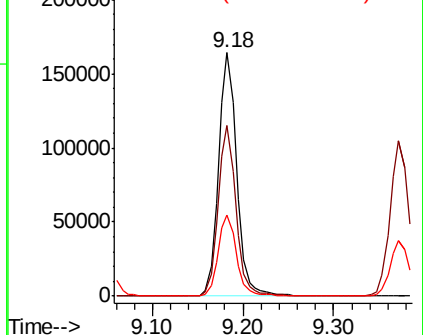


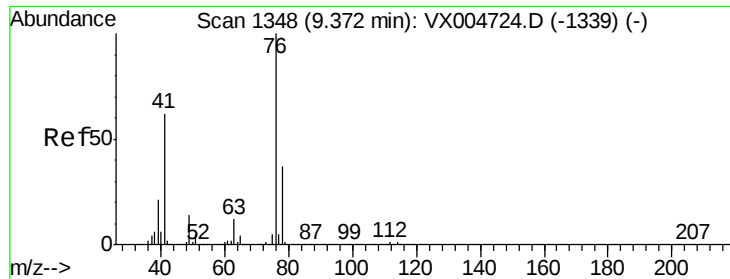
#56
 Ethyl methacrylate
 Concen: 45.708 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Tgt Ion:	69	Resp:	230516
Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.9	85.3
39	33.7	28.4	42.6



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





#57

1,3-Dichloropropane

Concen: 46.264 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

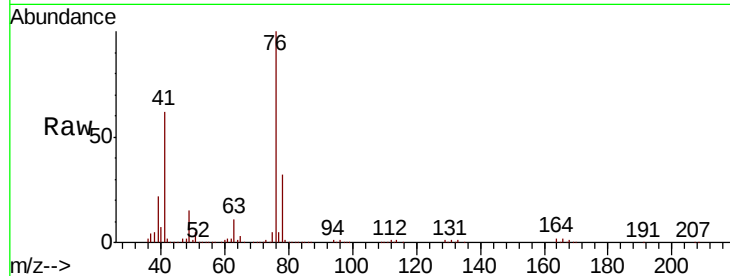
VSTDCCC050

Tot Ion: 76 Resp: 240669

Ion Ratio Lower Upper

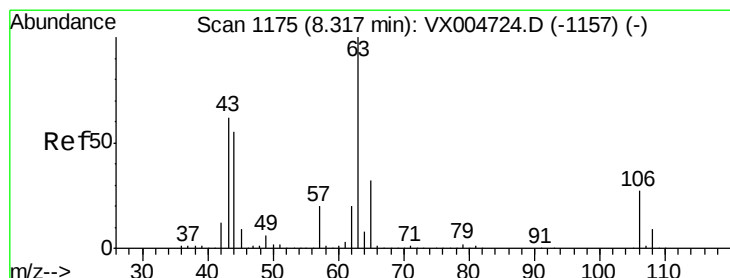
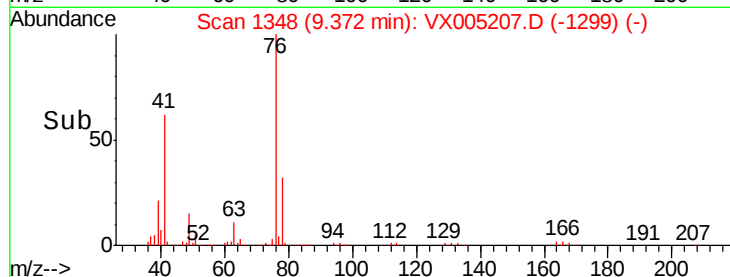
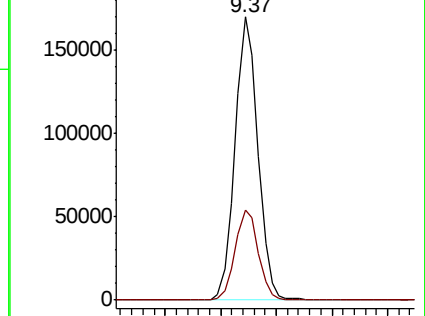
76 100

78 32.3 26.6 40.0



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: 189.294 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005207.D

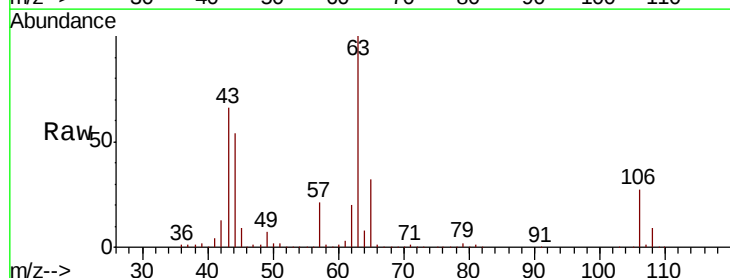
Acq: 10 Oct 2018 15:33

Tgt Ion: 63 Resp: 499931

Ion Ratio Lower Upper

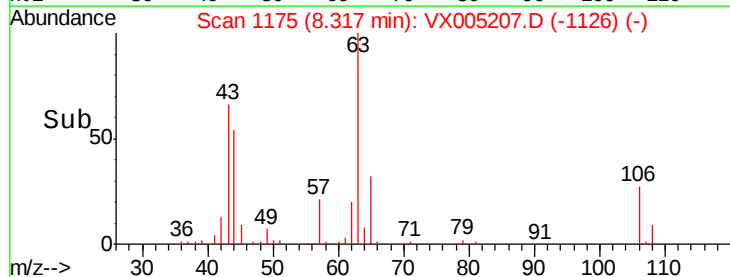
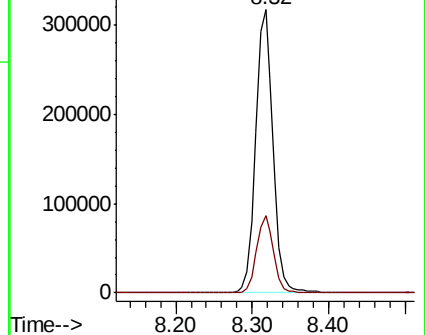
63 100

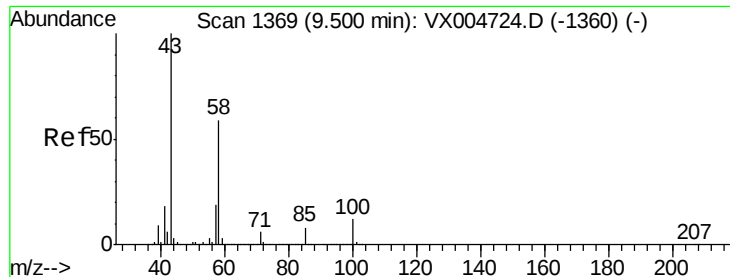
106 26.8 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

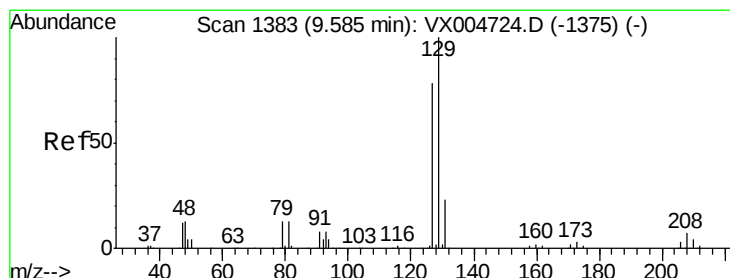
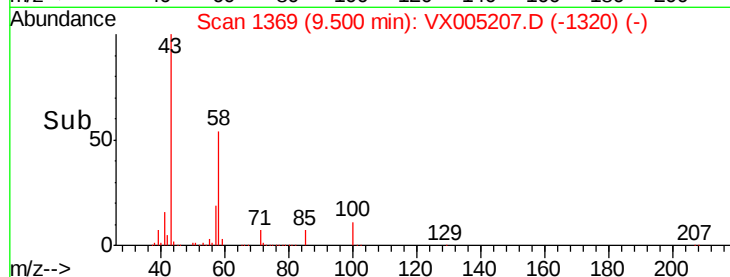
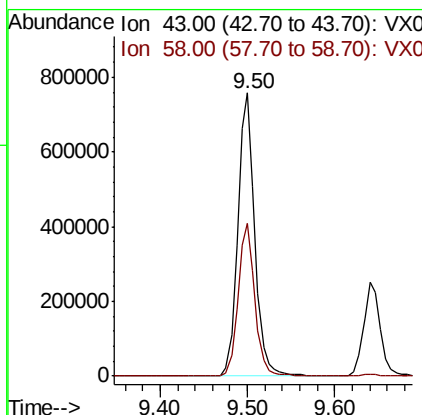
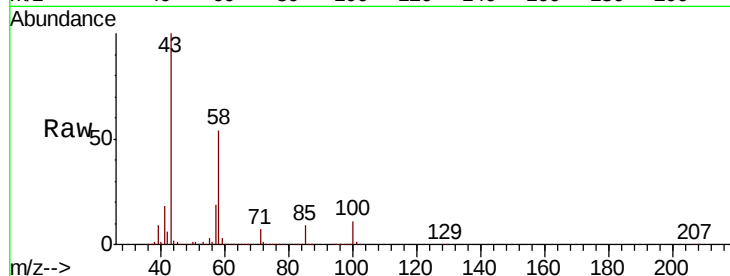




#59
2-Hexanone
Concen: 246.043 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

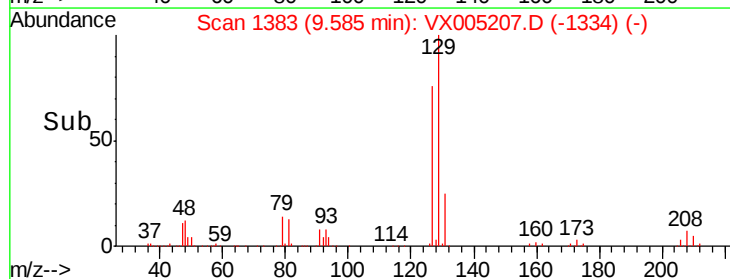
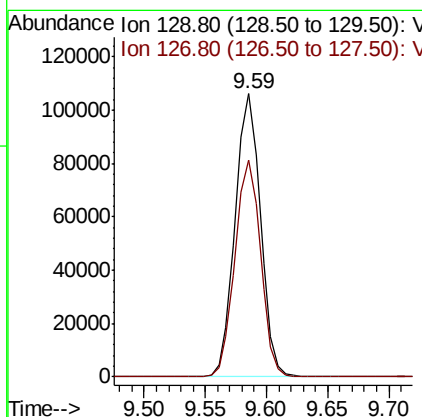
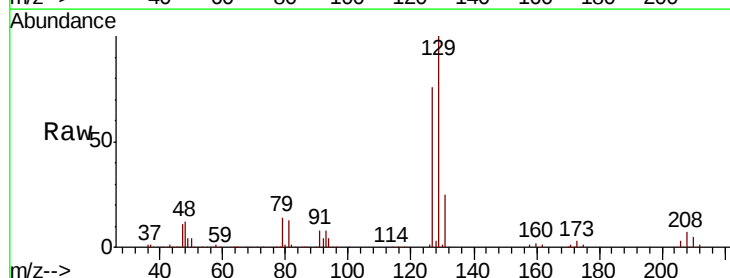
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

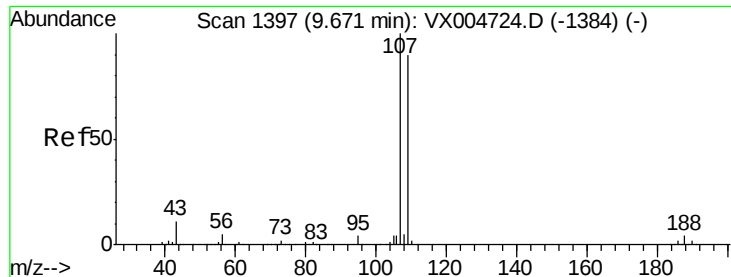
Tot Ion: 43 Resp: 1025967
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3



#60
Dibromochloromethane
Concen: 48.706 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 129 Resp: 152250
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2

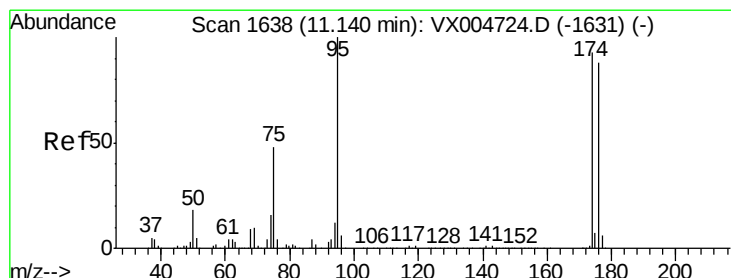
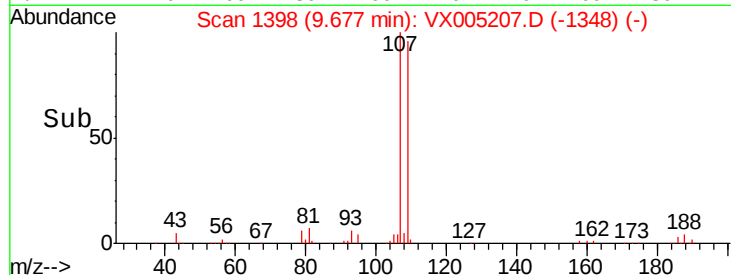
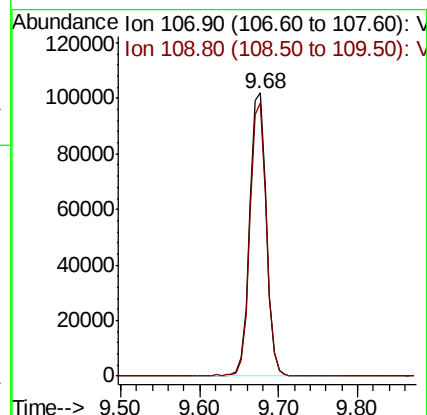
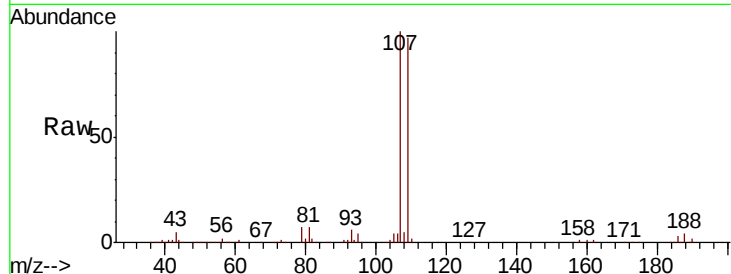




#61
 1,2-Dibromoethane
 Concen: 44.355 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

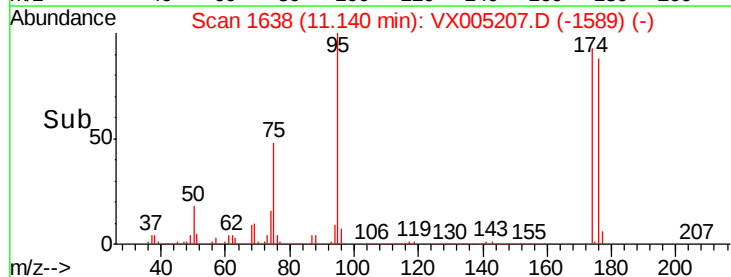
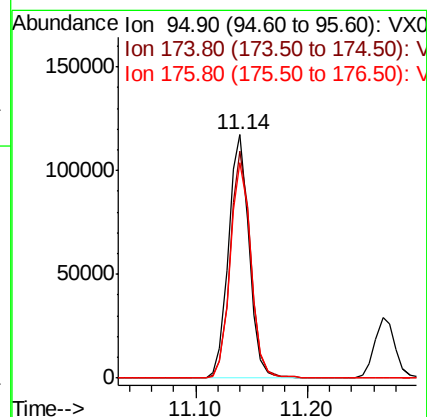
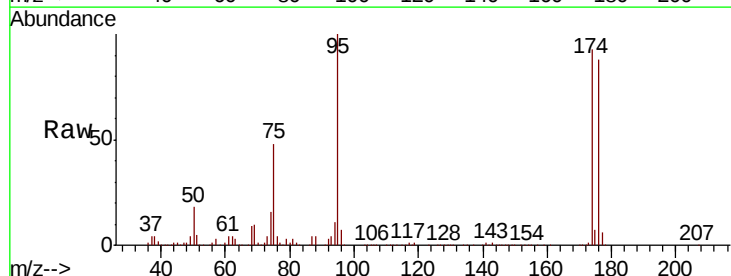
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

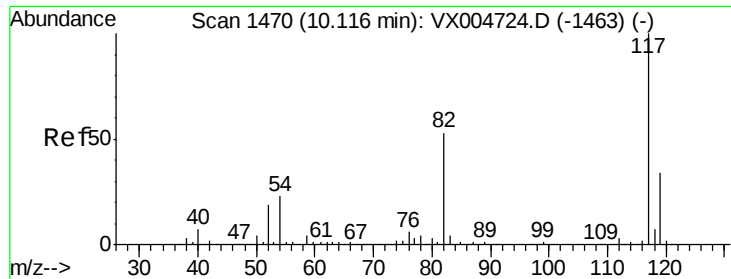
Tot Ion:107 Resp: 148475
 Ion Ratio Lower Upper
 107 100
 109 95.8 72.1 108.1



#62
 4-Bromofluorobenzene
 Concen: 41.270 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Tgt Ion: 95 Resp: 150271
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 185.0
 176 89.4 0.0 180.2

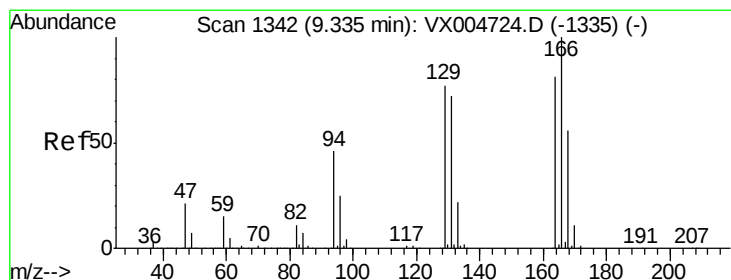
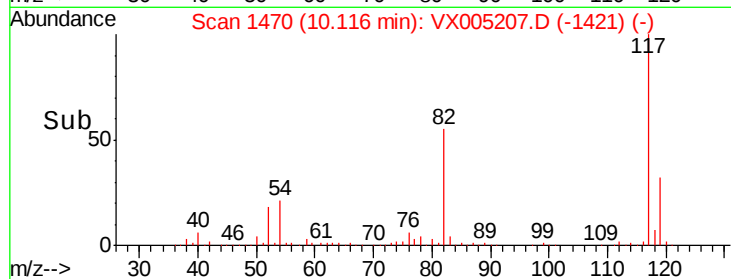
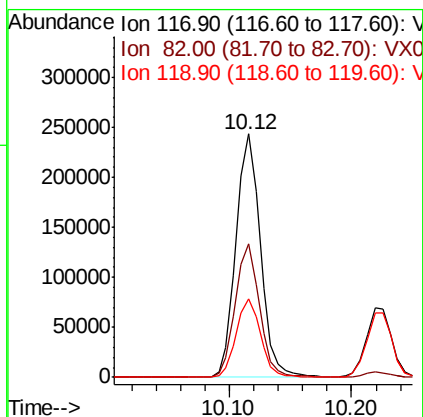
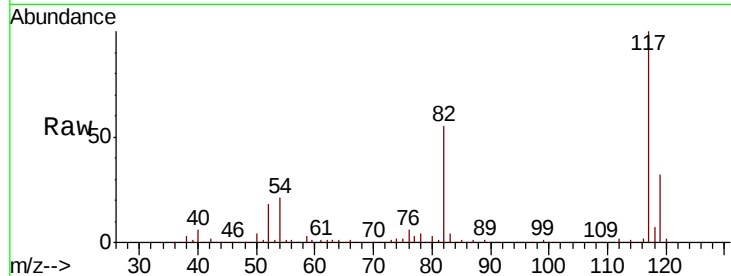




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

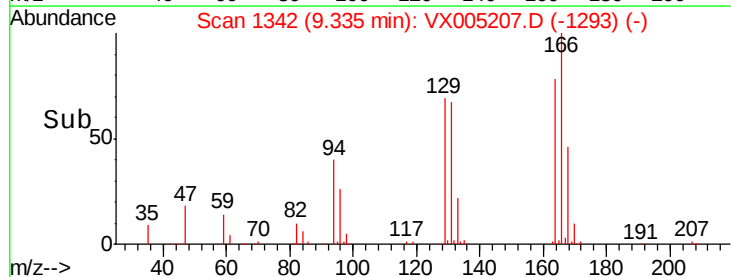
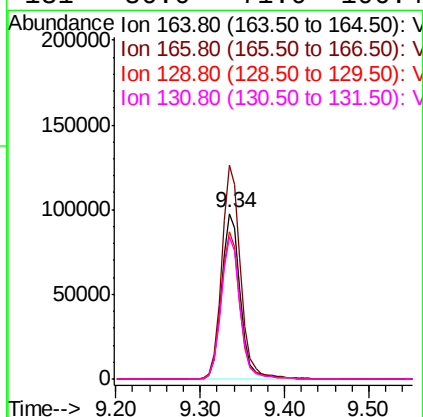
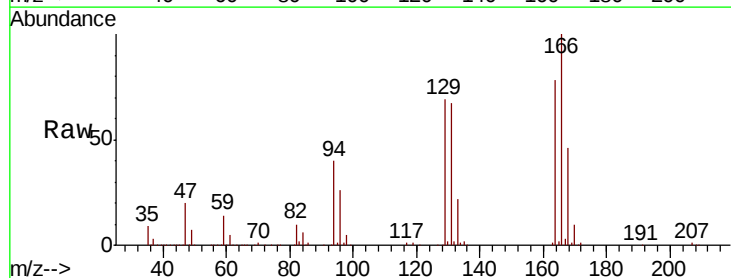
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

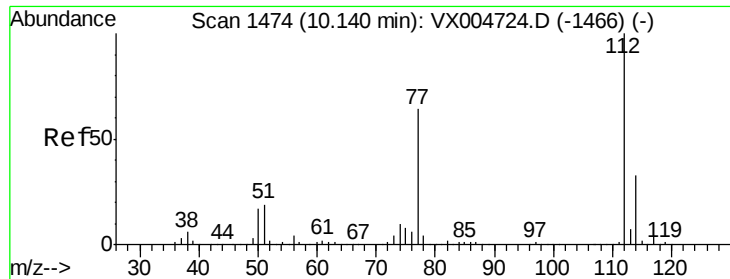
Tot Ion:117 Resp: 338396
Ion Ratio Lower Upper
117 100
82 54.7 42.2 63.4
119 32.0 27.4 41.0



#64
Tetrachloroethene
Concen: 45.226 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion:164 Resp: 150626
Ion Ratio Lower Upper
164 100
166 129.0 98.4 147.6
129 89.3 76.1 114.1
131 86.0 71.0 106.4

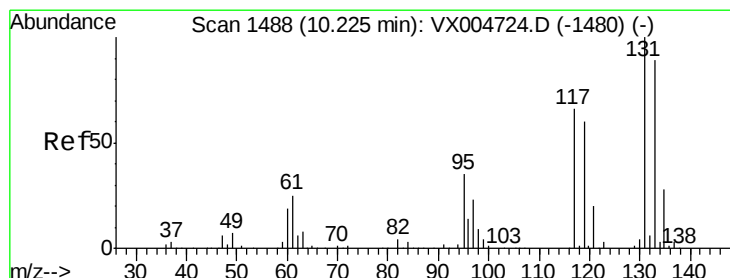
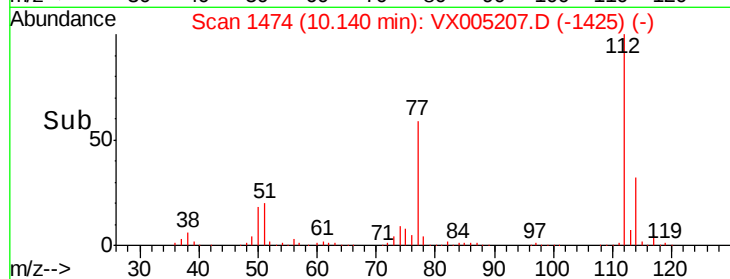
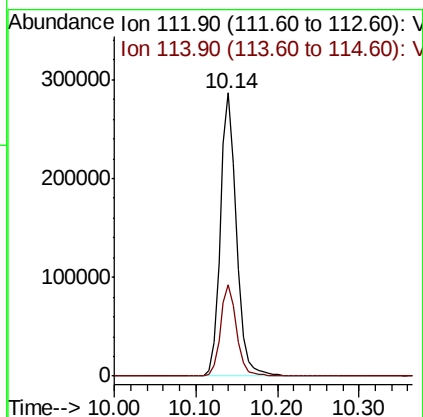
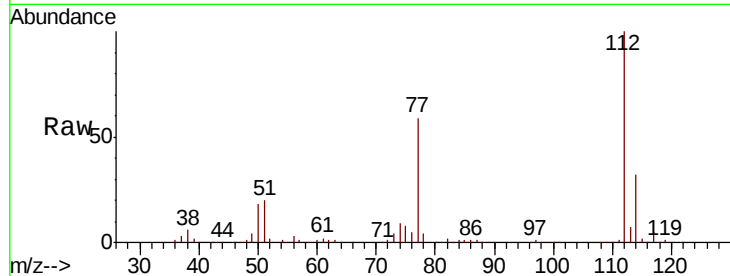




#65
Chlorobenzene
Concen: 45.575 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

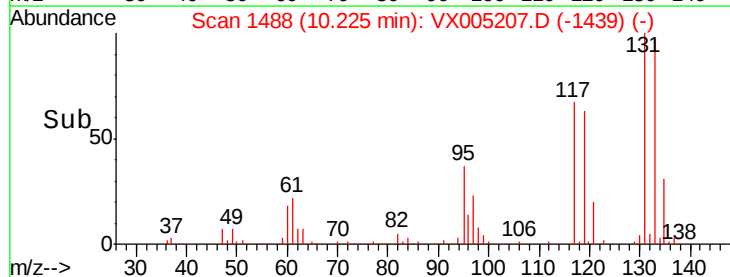
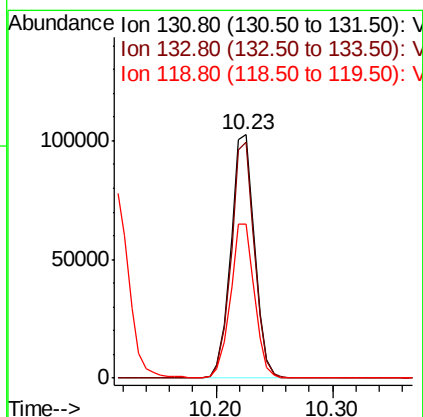
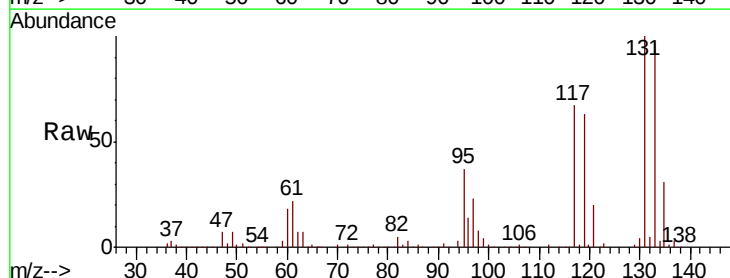
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

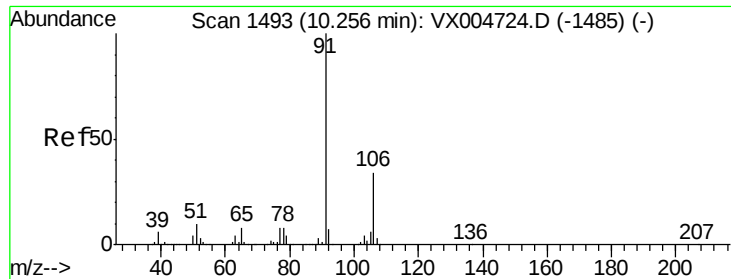
Tot Ion:112 Resp: 395478
Ion Ratio Lower Upper
112 100
114 32.3 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 47.592 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion:131 Resp: 145185
Ion Ratio Lower Upper
131 100
133 94.6 48.4 145.0
119 64.0 32.3 96.8

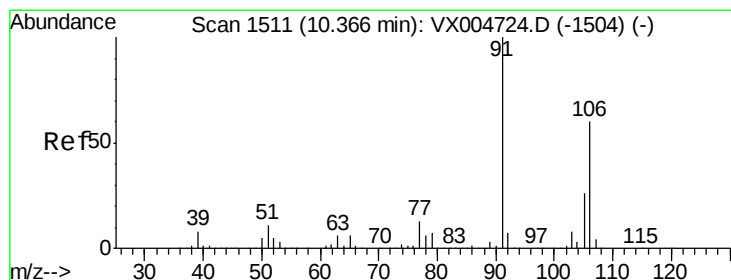
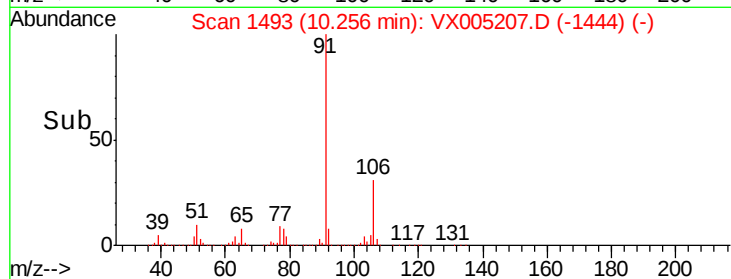
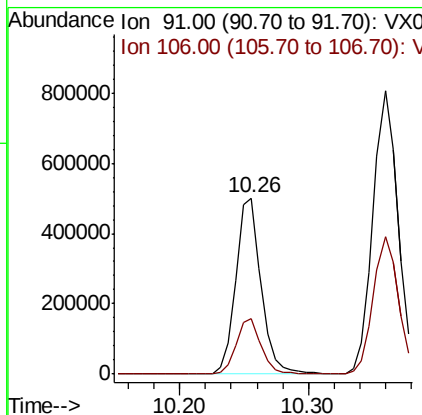
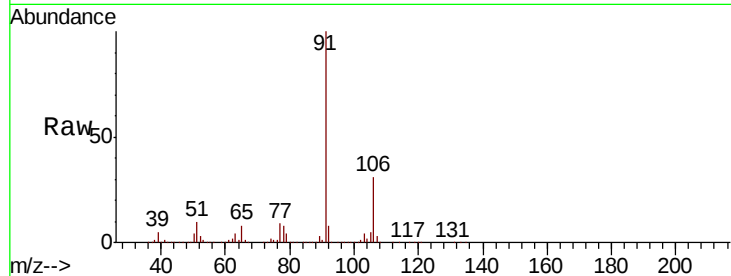




#67
Ethyl Benzene
Concen: 49.650 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

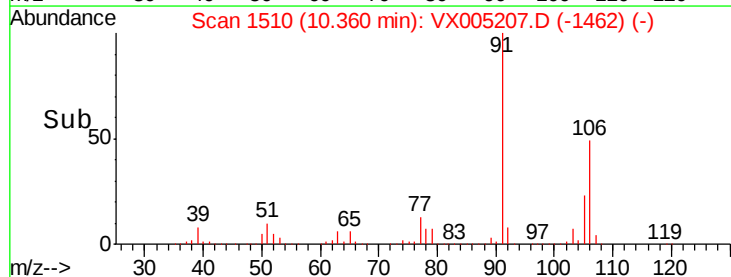
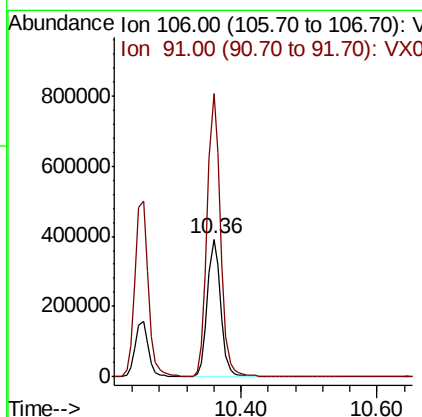
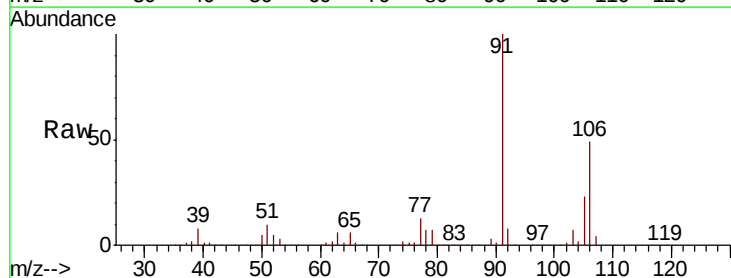
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

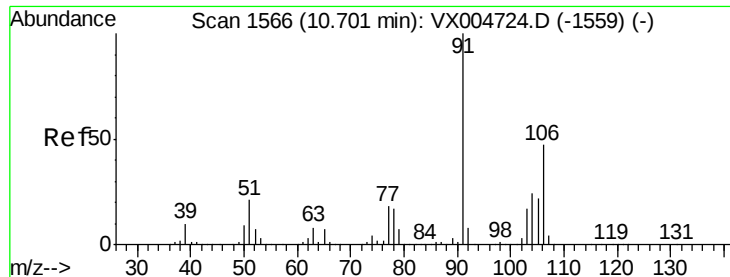
Tot Ion: 91 Resp: 684007
Ion Ratio Lower Upper
91 100
106 31.4 26.9 40.3



#68
m/p-Xylenes
Concen: 99.672 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 106 Resp: 536581
Ion Ratio Lower Upper
106 100
91 204.2 157.5 236.3

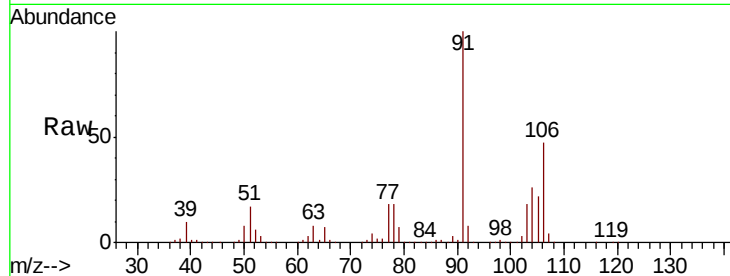




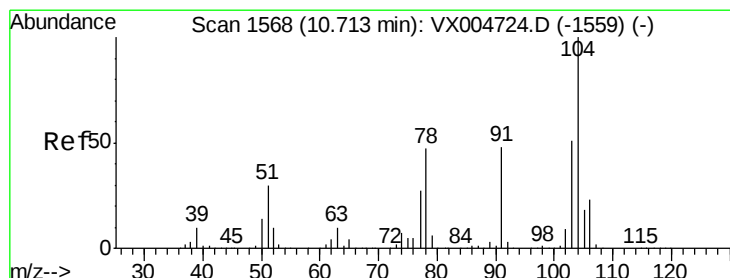
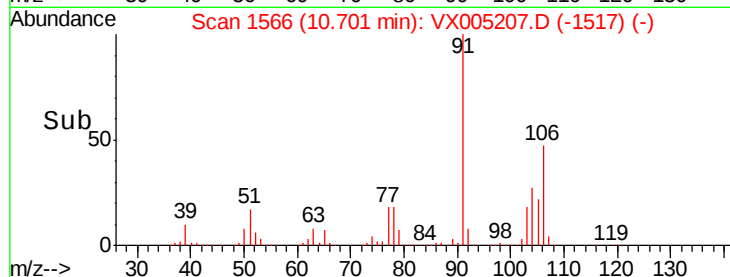
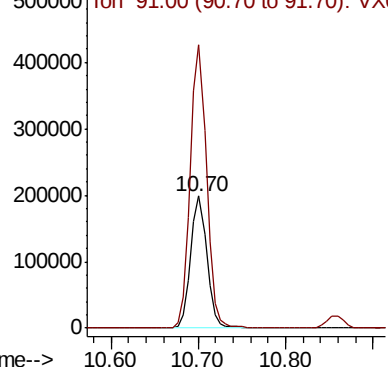
#69
o-Xylene
Concen: 51.581 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 255051
Ion Ratio Lower Upper
106 100
91 215.7 108.3 324.8

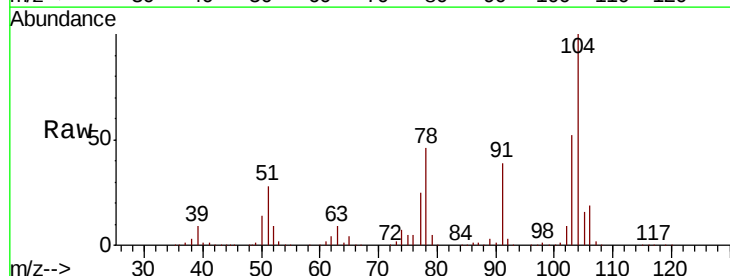


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

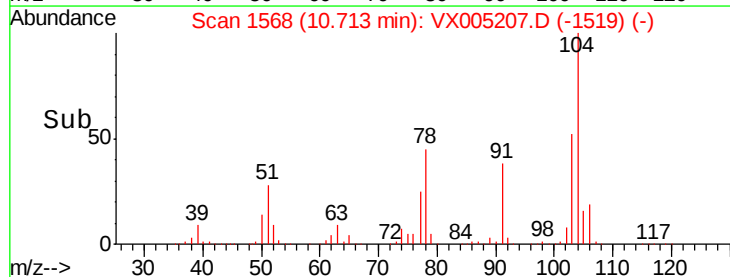
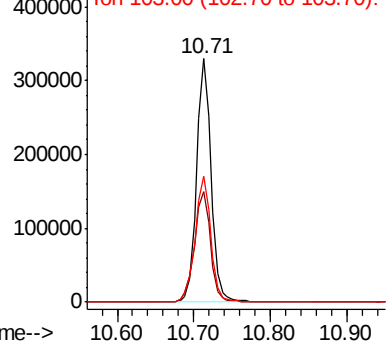


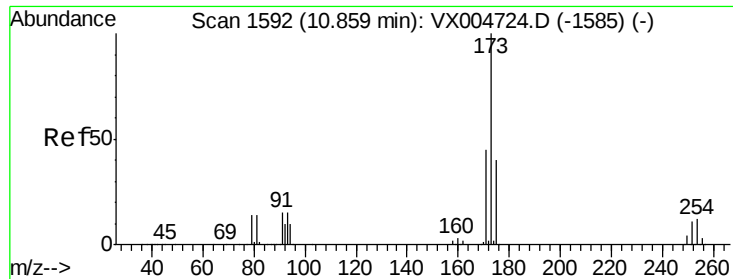
#70
Styrene
Concen: 46.755 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion:104 Resp: 431047
Ion Ratio Lower Upper
104 100
78 50.7 40.0 60.0
103 56.1 44.3 66.5



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: 48.568 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

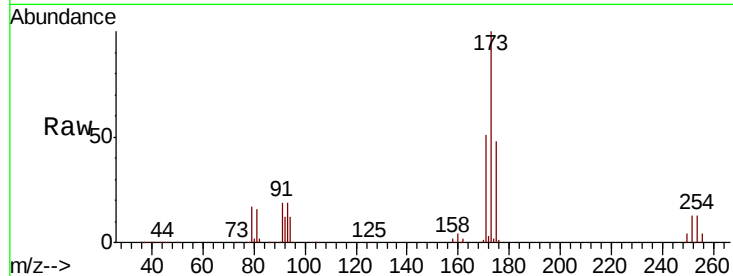
Tot Ion:173 Resp: 126846

Ion Ratio Lower Upper

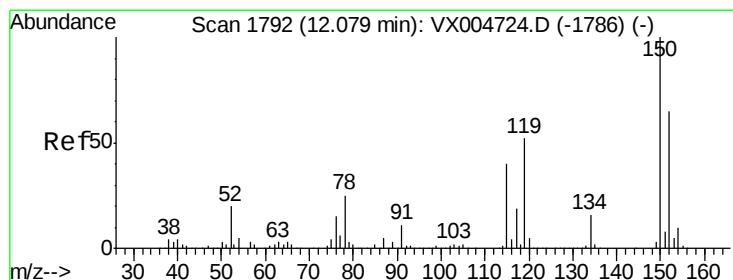
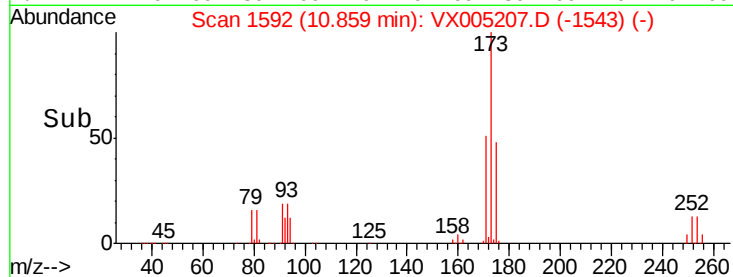
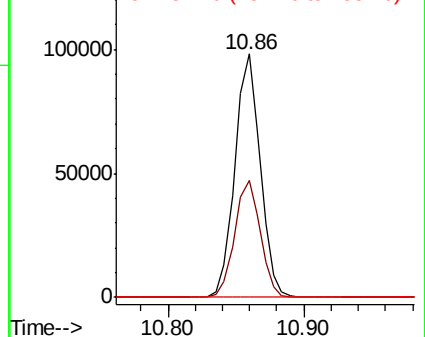
173 100

175 48.7 23.3 69.8

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: VX005207.D

Acq: 10 Oct 2018 15:33

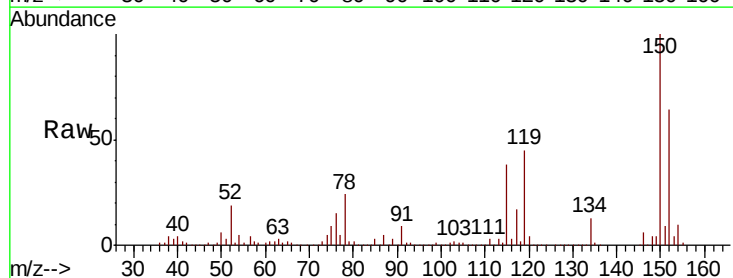
Tgt Ion:152 Resp: 195132

Ion Ratio Lower Upper

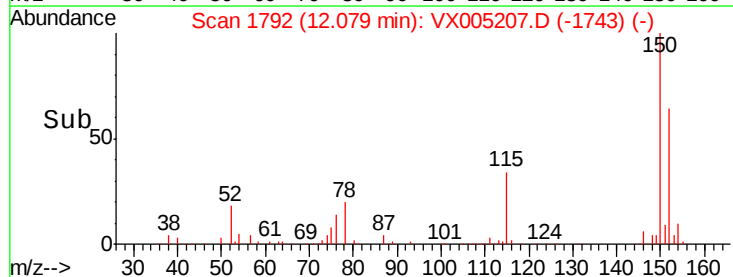
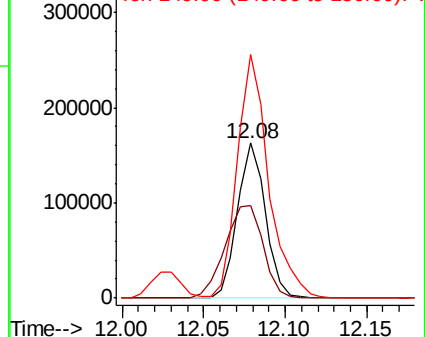
152 100

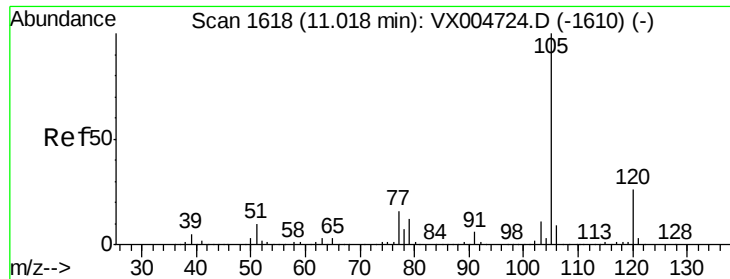
115 81.4 40.2 120.6

150 175.3 0.0 351.0



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: 57.002 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

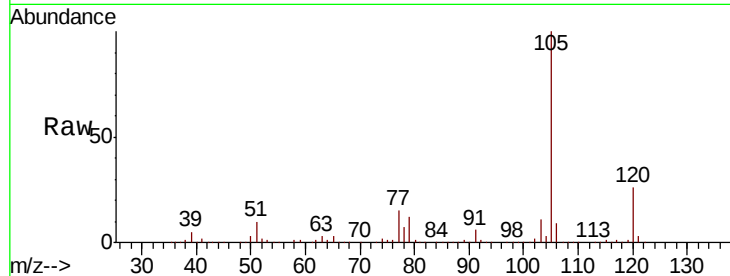
VSTDCCC050

Tot Ion: 105 Resp: 701087

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

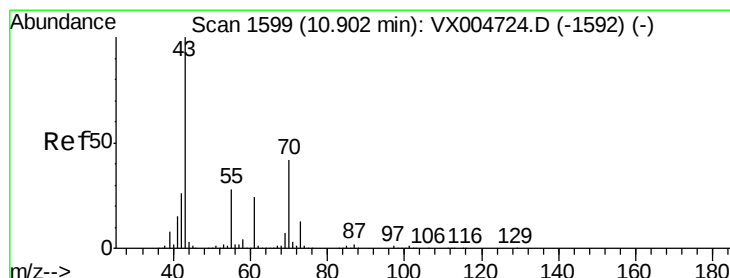
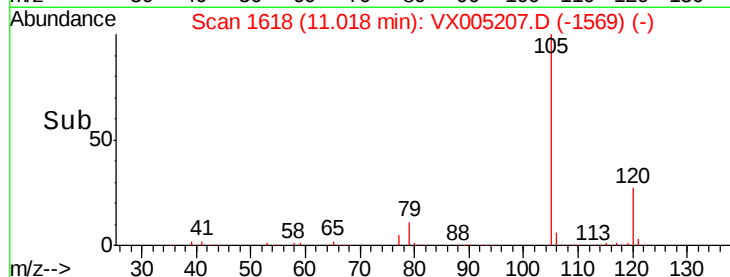
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 48.605 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Tgt Ion: 43 Resp: 328244

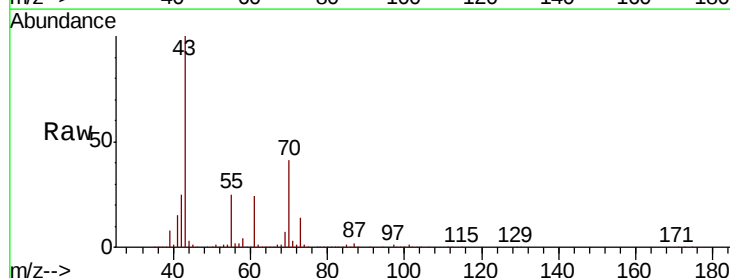
Ion Ratio Lower Upper

43 100

70 40.5 32.6 48.8

55 24.8 21.6 32.4

61 23.6 19.1 28.7



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

10.90

400000

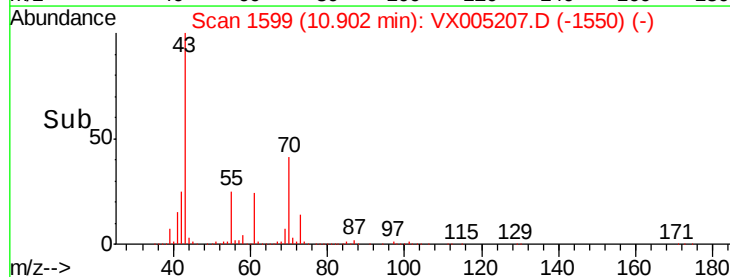
300000

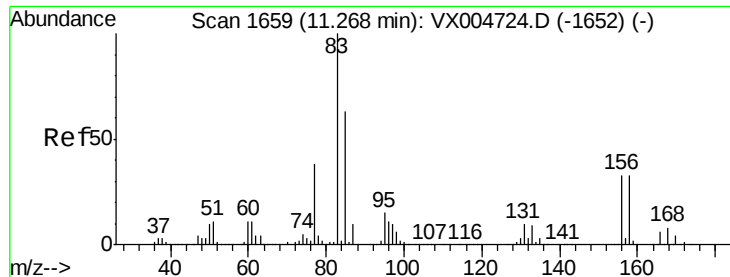
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 47.862 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

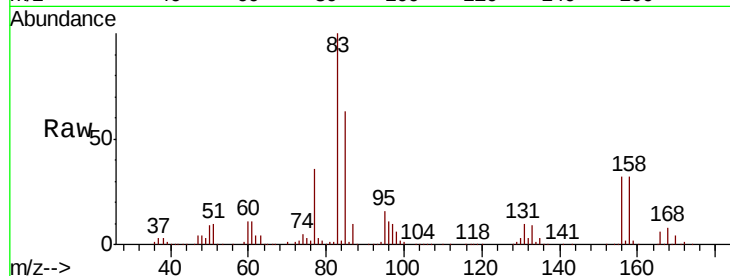
Tot Ion: 83 Resp: 239628

Ion Ratio Lower Upper

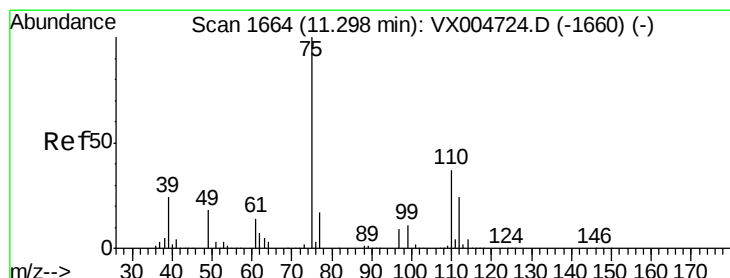
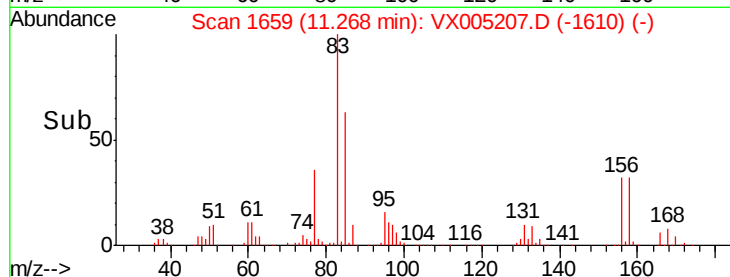
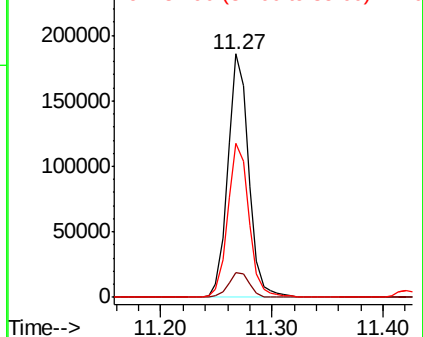
83 100

131 10.5 5.1 15.3

85 64.3 31.9 95.9



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: 63.457 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005207.D

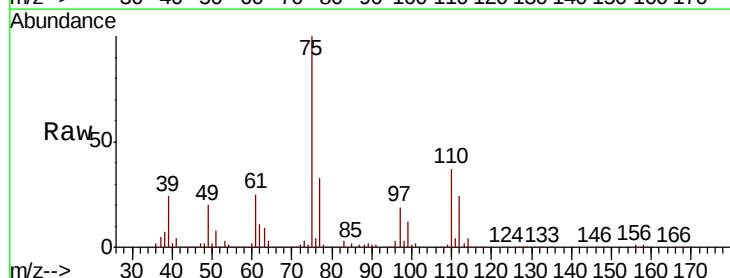
Acq: 10 Oct 2018 15:33

Tgt Ion: 75 Resp: 277536

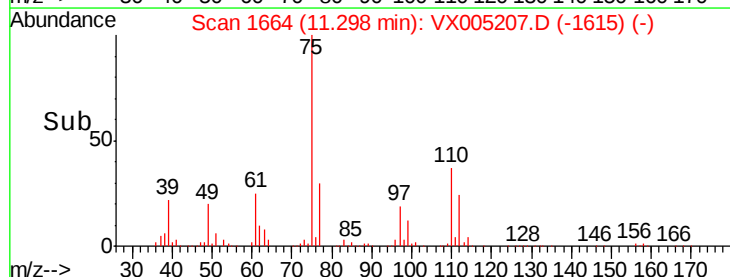
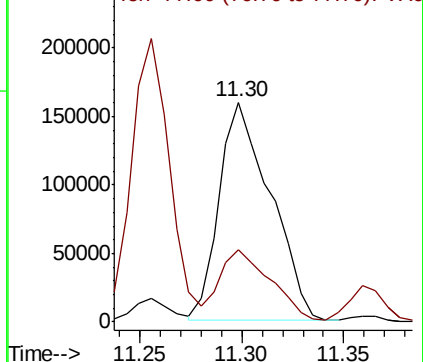
Ion Ratio Lower Upper

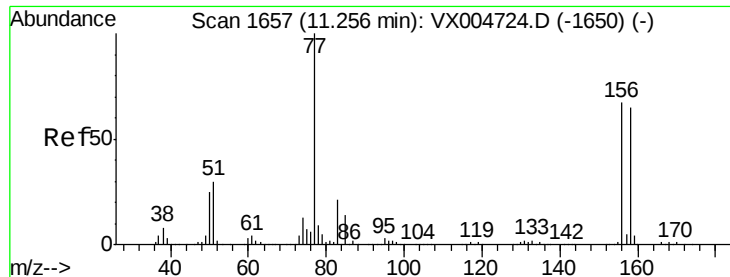
75 100

77 33.2 21.4 64.3



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





#77

Bromobenzene

Concen: 51.634 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

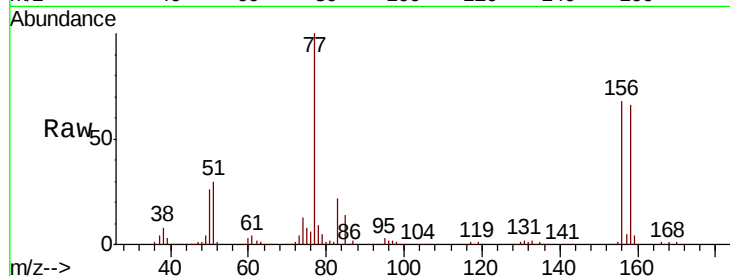
Tot Ion:156 Resp: 184459

Ion Ratio Lower Upper

156 100

77 146.6 73.4 220.2

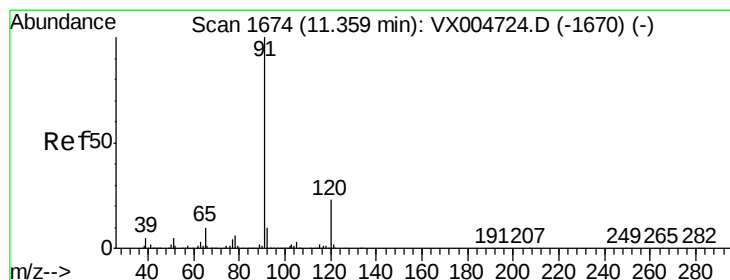
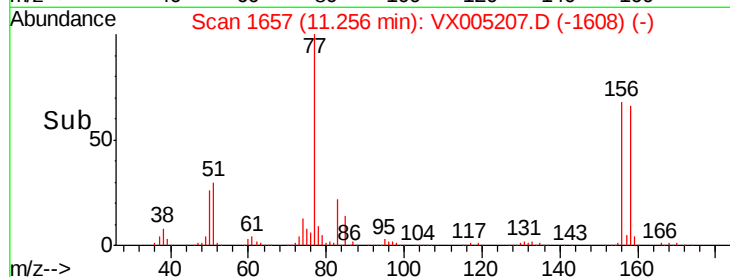
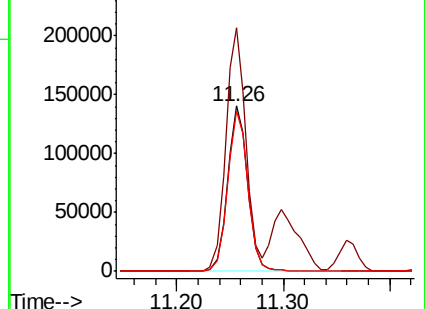
158 97.5 49.1 147.4



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: 57.956 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005207.D

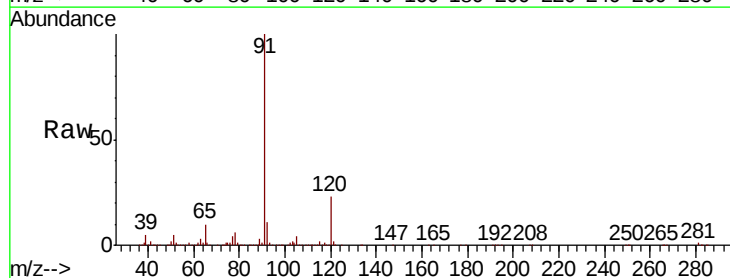
Acq: 10 Oct 2018 15:33

Tgt Ion: 91 Resp: 817883

Ion Ratio Lower Upper

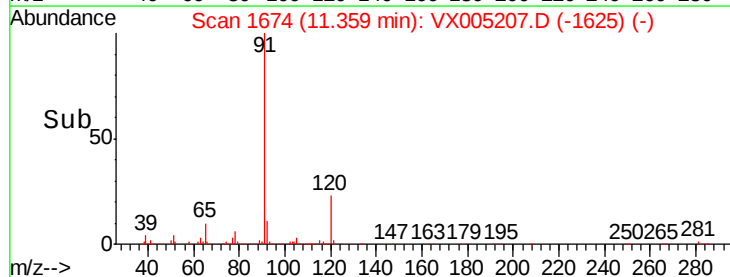
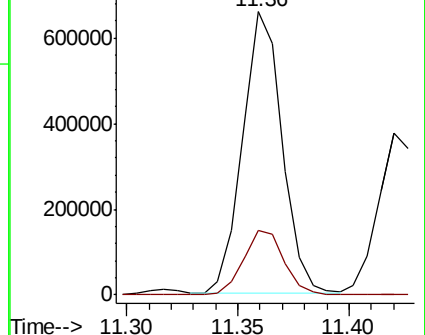
91 100

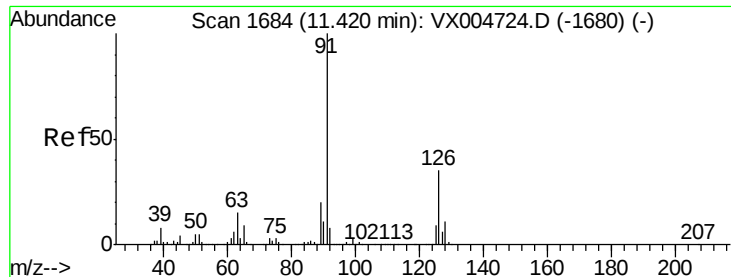
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.659 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

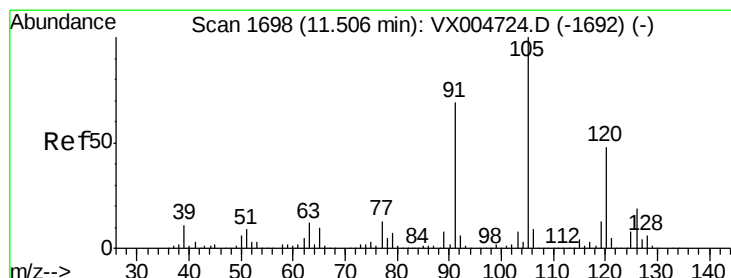
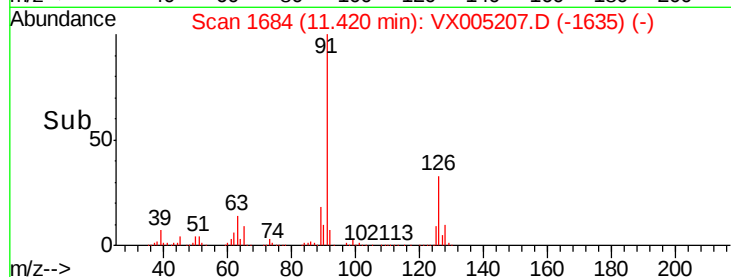
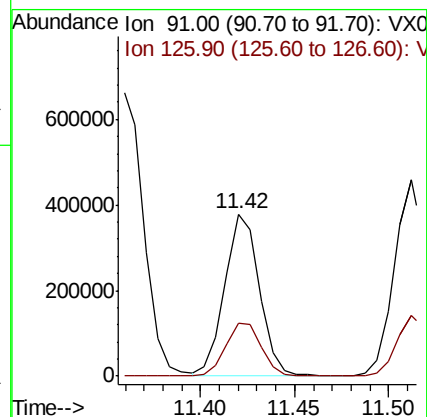
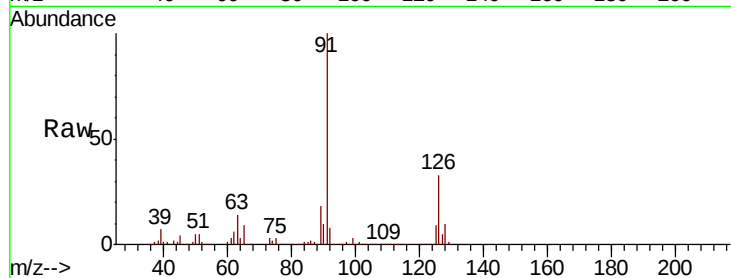
VSTDCCC050

Tot Ion: 91 Resp: 480796

Ion Ratio Lower Upper

91 100

126 34.6 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 53.416 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005207.D

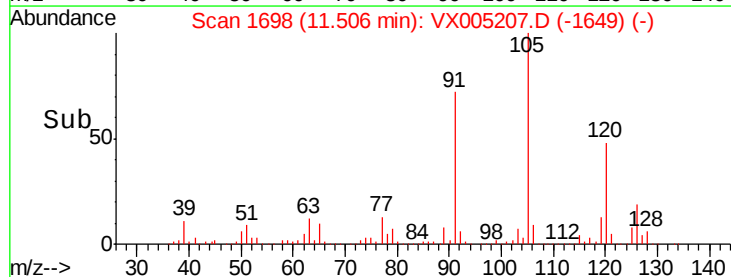
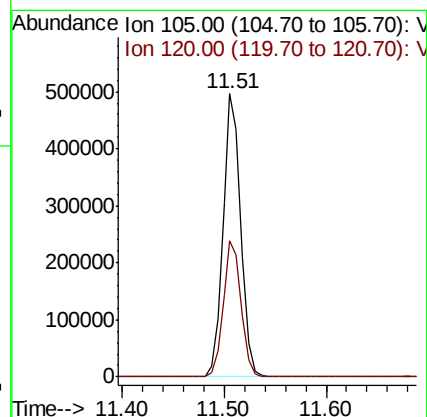
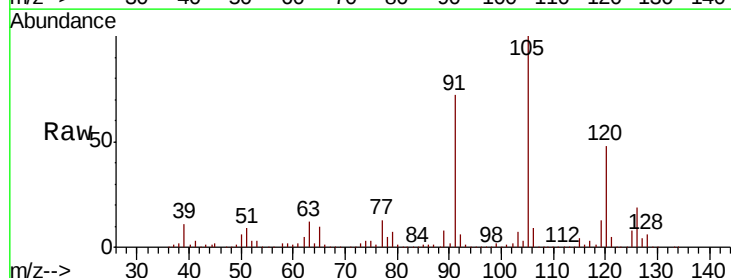
Acq: 10 Oct 2018 15:33

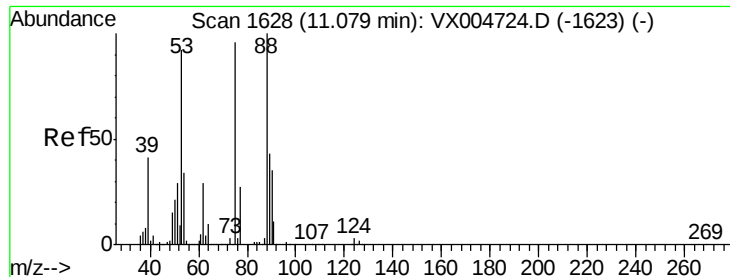
Tgt Ion:105 Resp: 602005

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.538 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

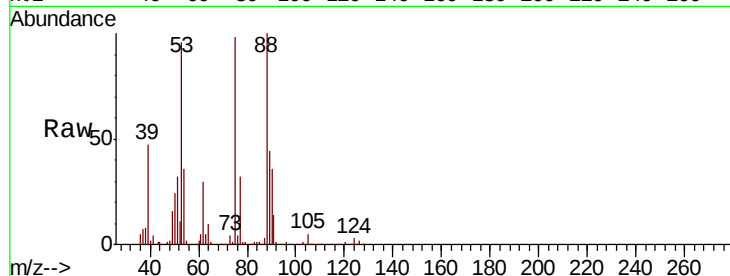
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 72728

Ion	Ratio	Lower	Upper
75	100		
53	97.3	80.2	120.4
89	45.6	37.1	55.7

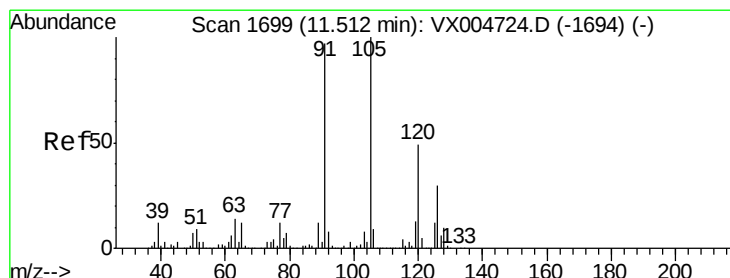
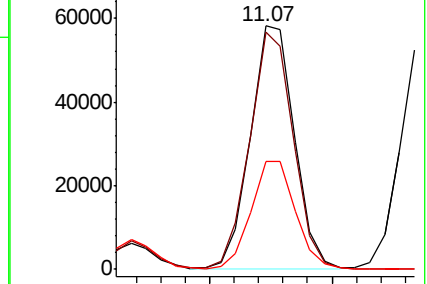
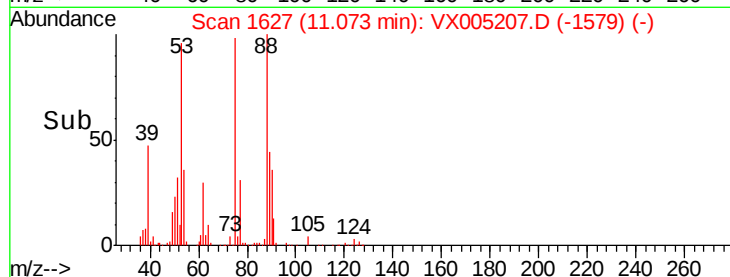


Abundance

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: 55.576 ug/l

RT: 11.51 min Scan# 1699

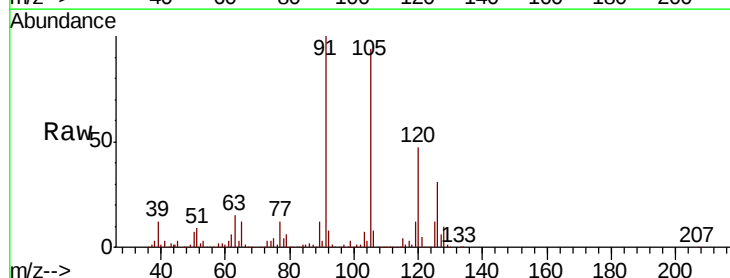
Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Tgt Ion: 91 Resp: 575414

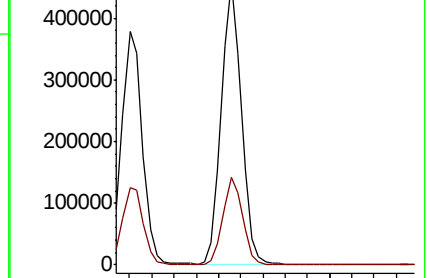
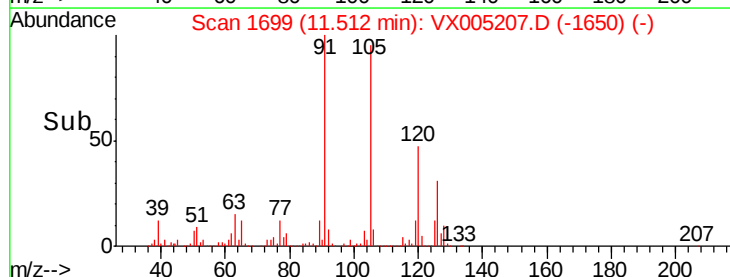
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.5	46.5

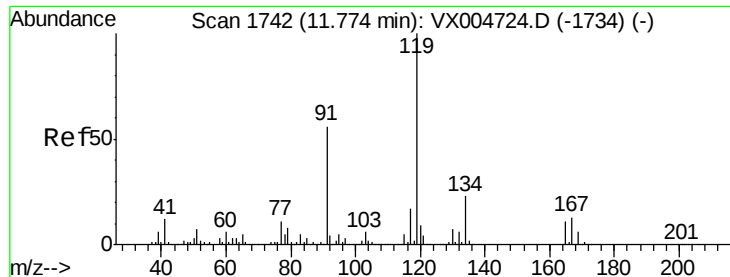


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

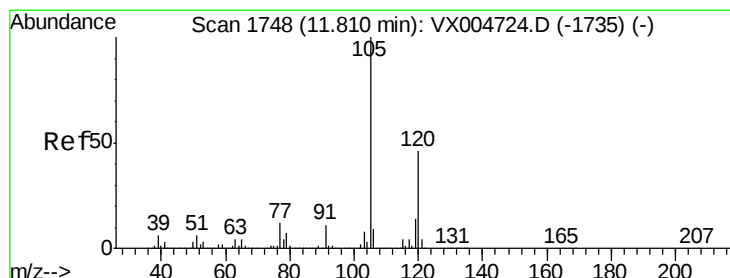
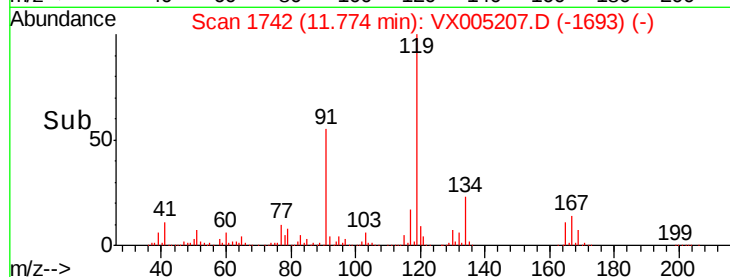
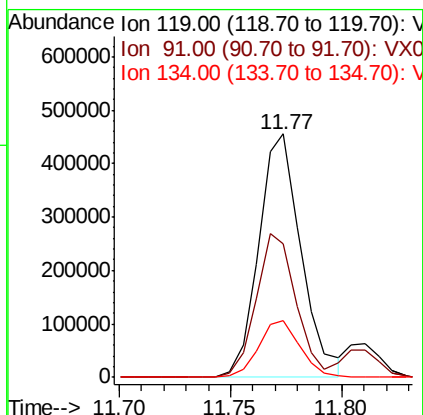
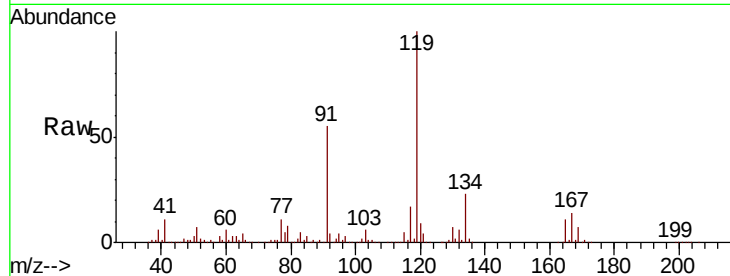




#83
tert-Butylbenzene
Concen: 59.618 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

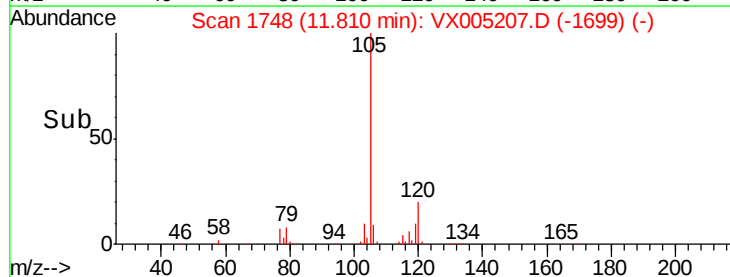
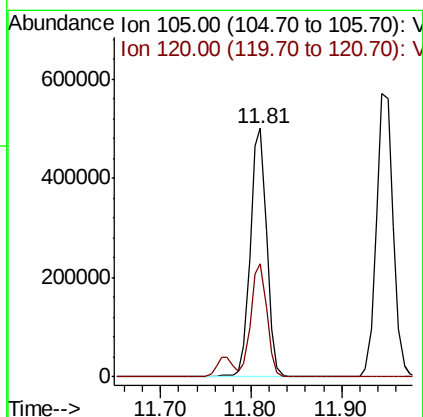
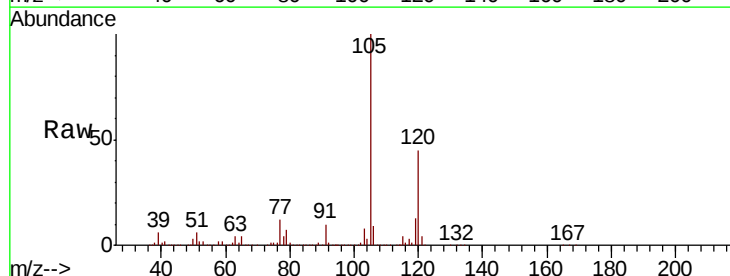
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

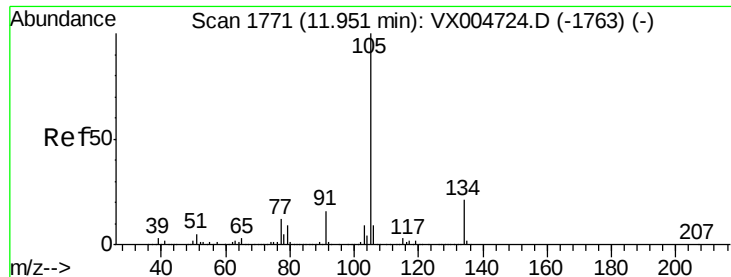
Tot Ion:119 Resp: 603723
Ion Ratio Lower Upper
119 100
91 55.6 27.5 82.5
134 22.7 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 53.733 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion:105 Resp: 624492
Ion Ratio Lower Upper
105 100
120 44.8 22.8 68.3





#85

sec-Butylbenzene

Concen: 59.102 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

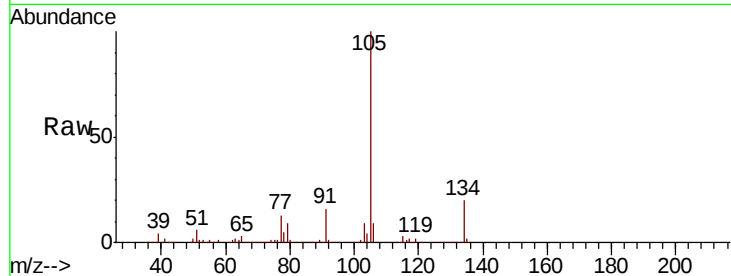
VSTDCCC050

Tot Ion:105 Resp: 728985

Ion Ratio Lower Upper

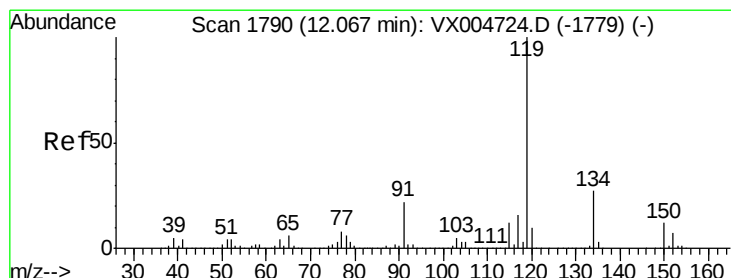
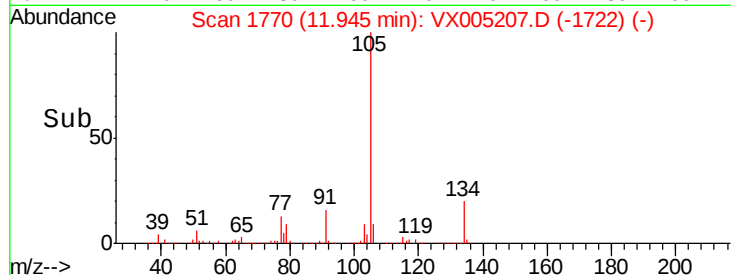
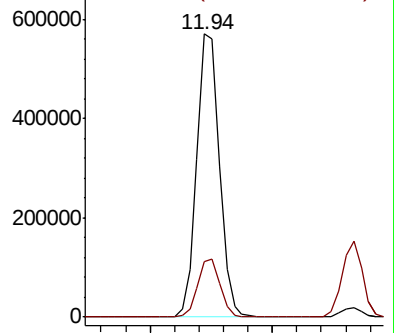
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 59.352 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

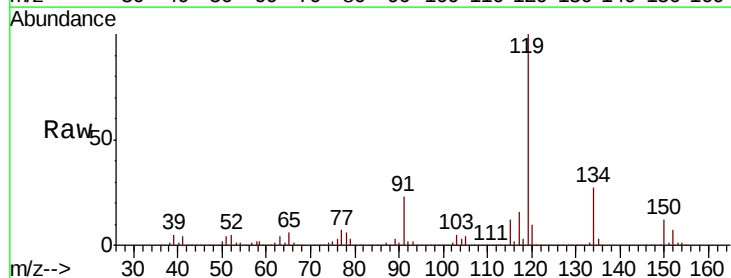
Tgt Ion:119 Resp: 663267

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

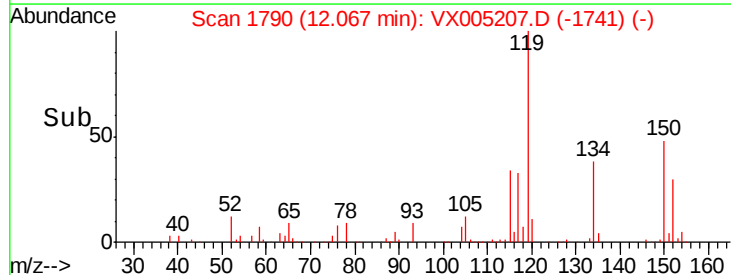
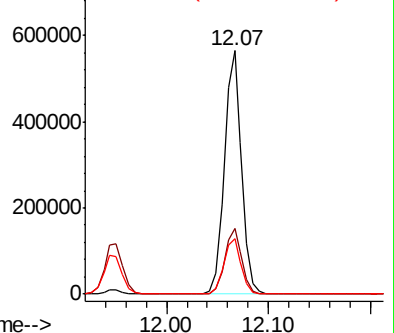
91 22.9 11.5 34.4

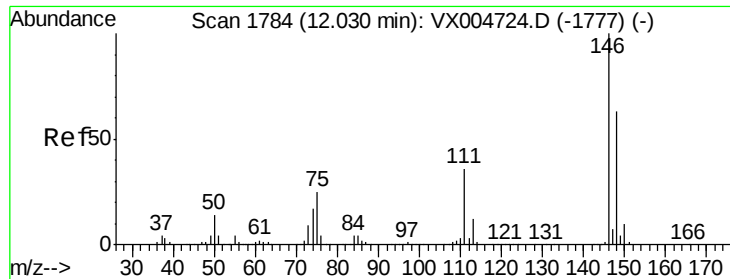


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

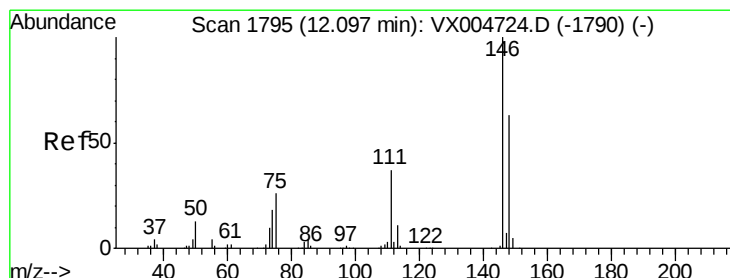
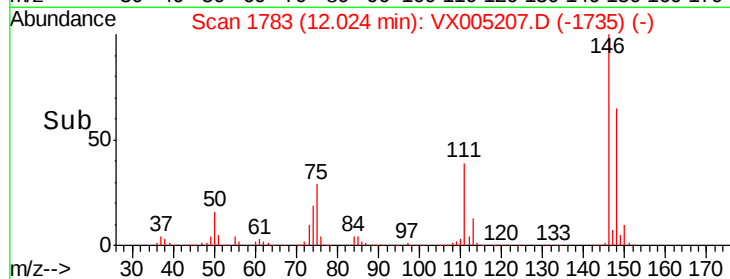
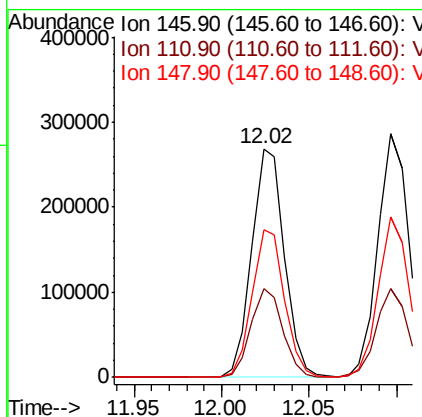
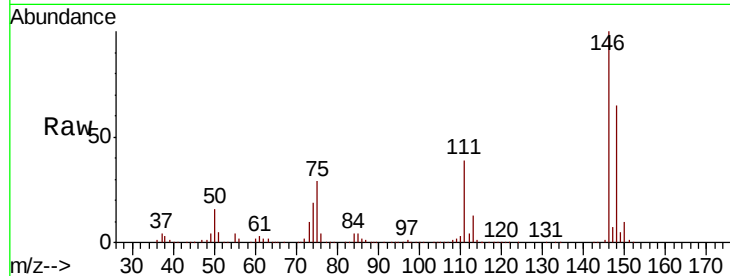




#87
 1,3-Dichlorobenzene
 Concen: 52.312 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

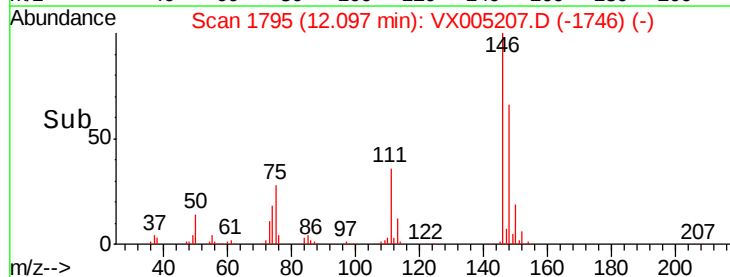
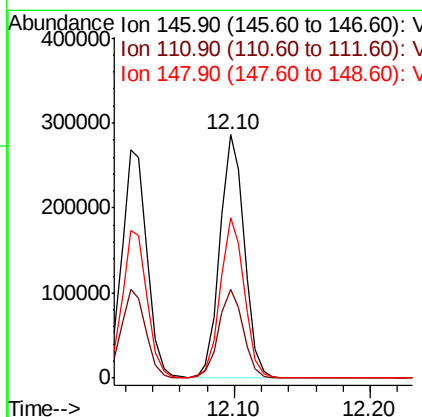
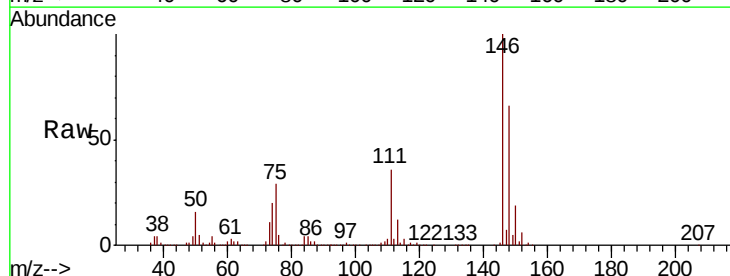
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

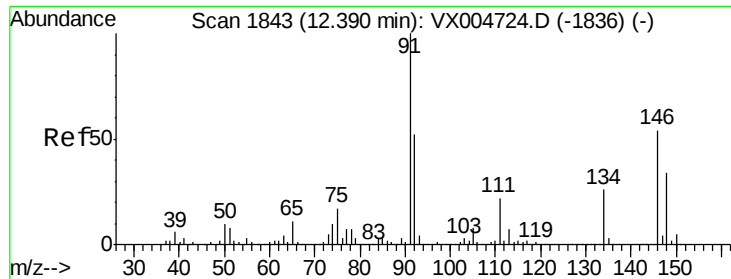
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.777 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.2
148	64.8	32.0	96.0

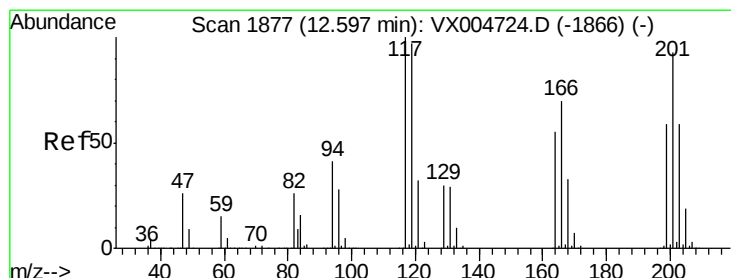
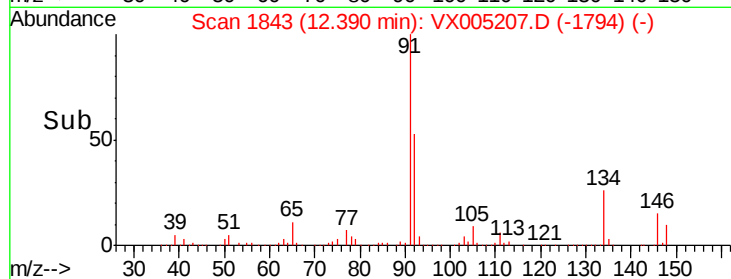
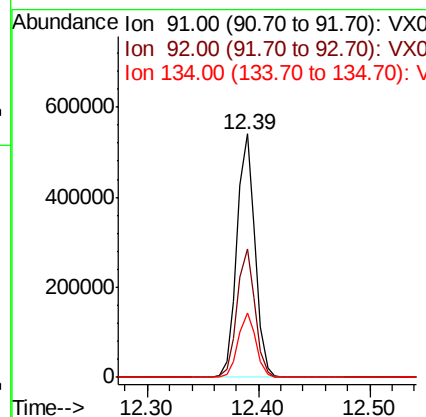
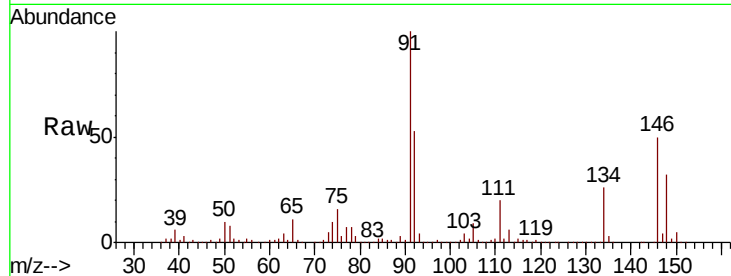




#89
n-Butylbenzene
Concen: 59.579 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

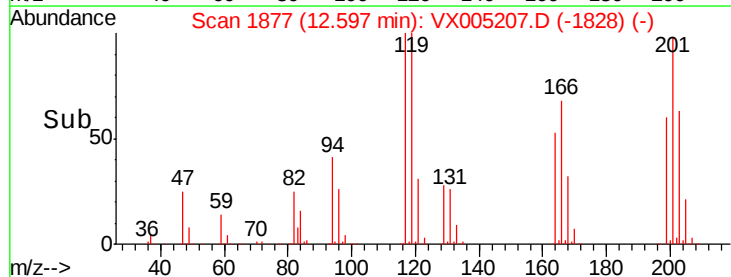
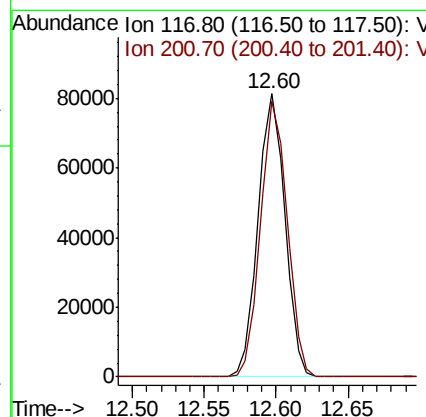
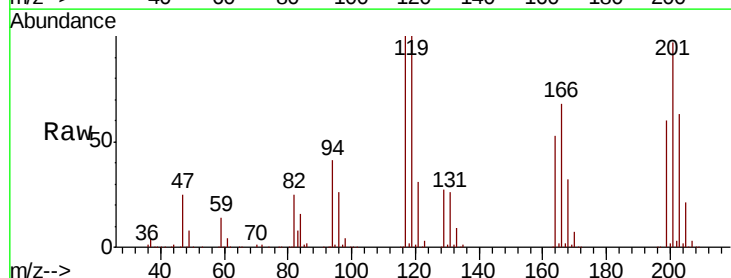
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

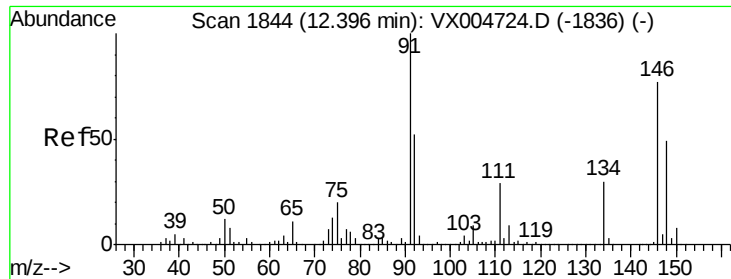
Tot Ion: 91 Resp: 604667
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.3 13.2 39.6



#90
Hexachloroethane
Concen: 56.057 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 117 Resp: 104301
Ion Ratio Lower Upper
117 100
201 96.7 48.4 145.0

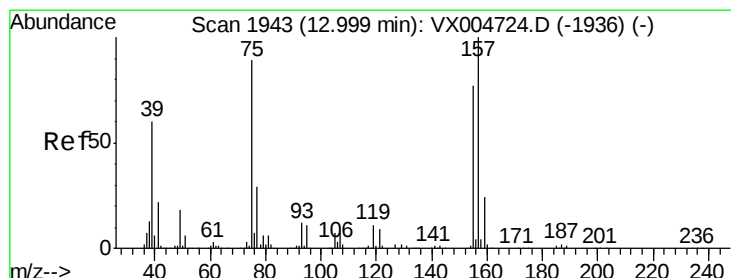
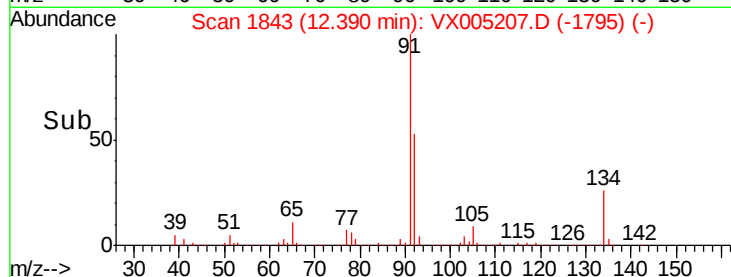
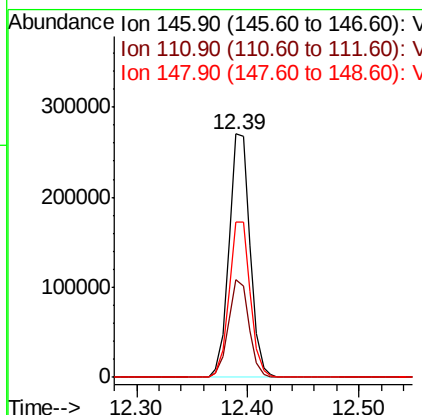
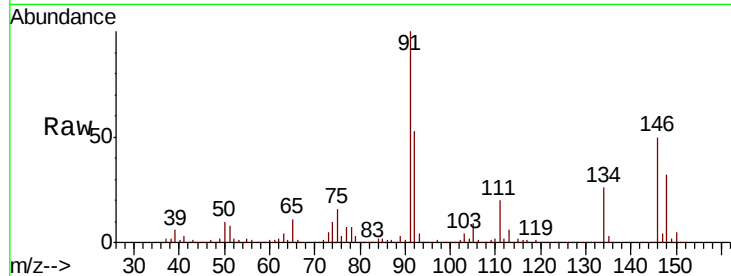




#91
1,2-Dichlorobenzene
Concen: 50.363 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

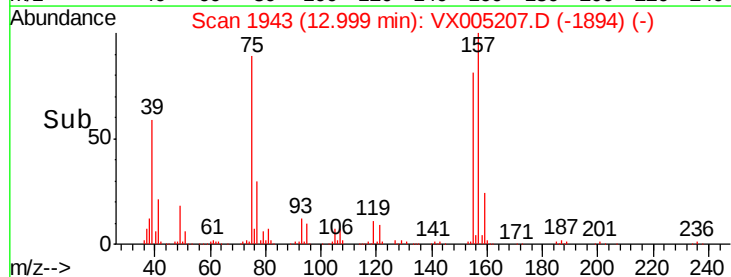
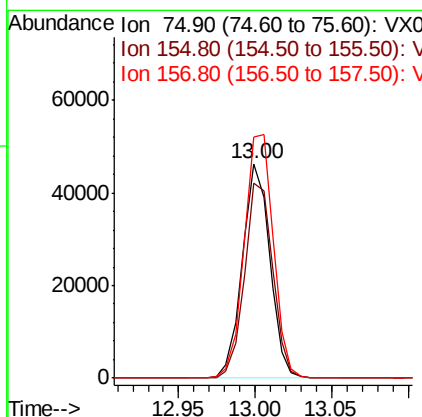
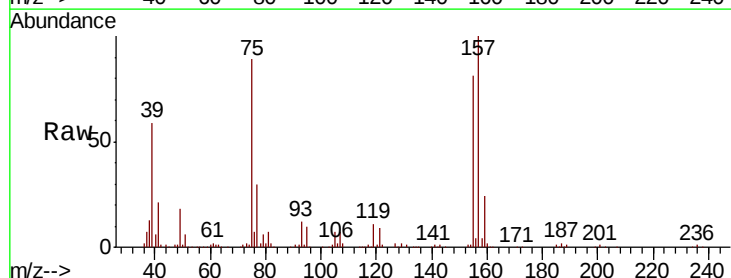
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

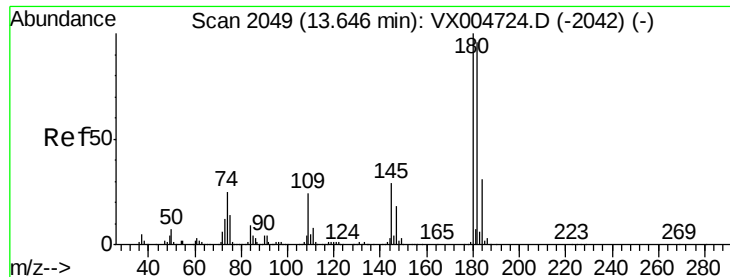
Tot Ion:146 Resp: 351096
Ion Ratio Lower Upper
146 100
111 39.3 19.6 58.7
148 64.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.701 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX005207.D
Acq: 10 Oct 2018 15:33

Tgt Ion: 75 Resp: 57935
Ion Ratio Lower Upper
75 100
155 93.0 46.1 138.3
157 119.8 60.2 180.6

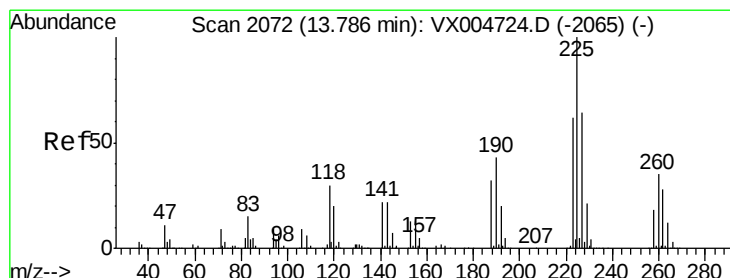
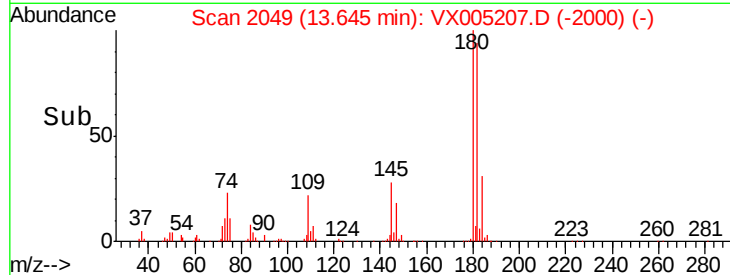
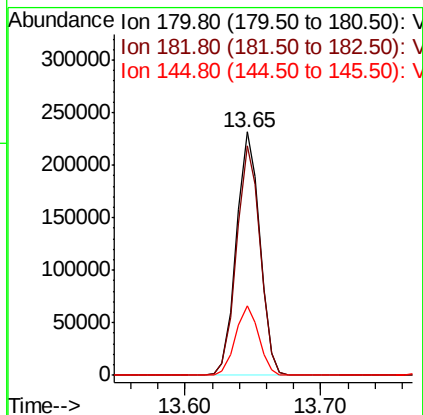
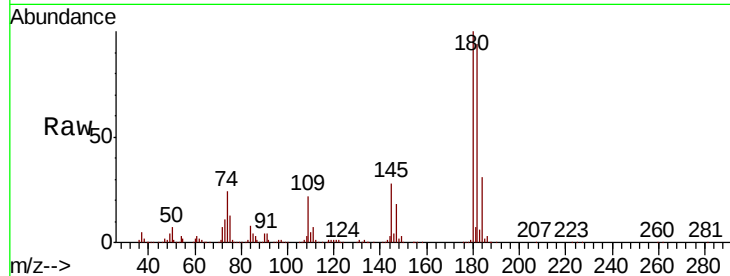




#93
 1,2,4-Trichlorobenzene
 Concen: 56.753 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

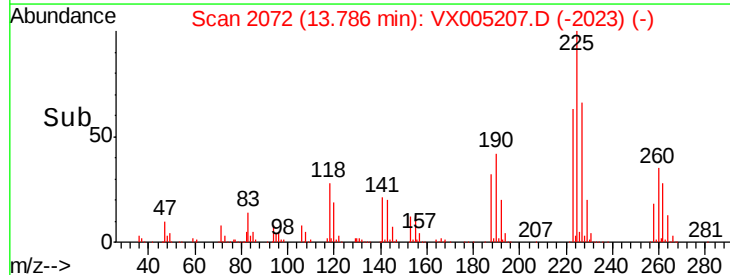
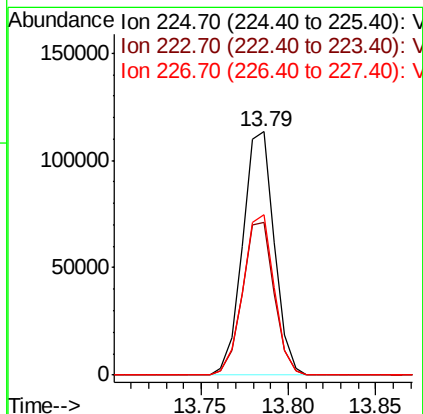
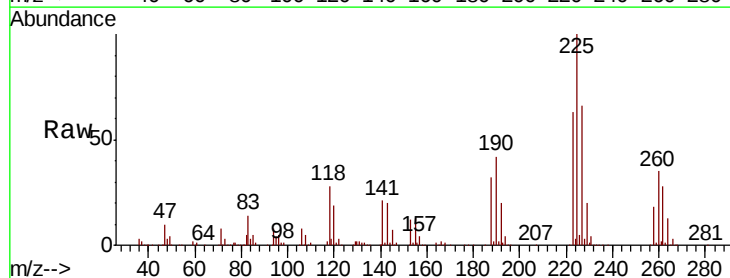
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

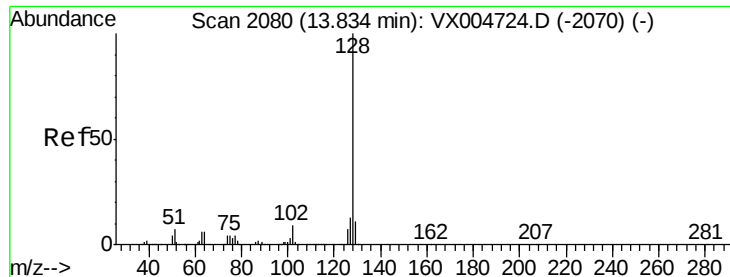
Tot Ion:180 Resp: 277538
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.4
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 56.030 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005207.D
 Acq: 10 Oct 2018 15:33

Tgt Ion:225 Resp: 142085
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 64.9 31.9 95.5





#95

Naphthalene

Concen: 51.222 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

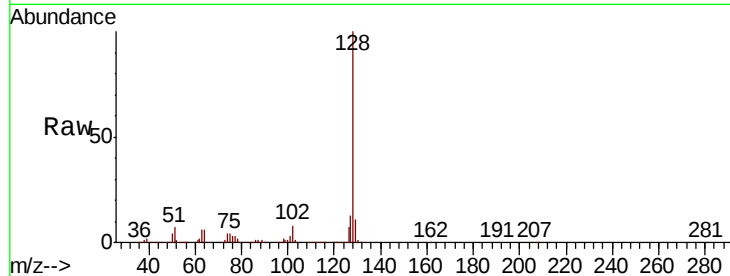
Tot Ion:128 Resp: 831678

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

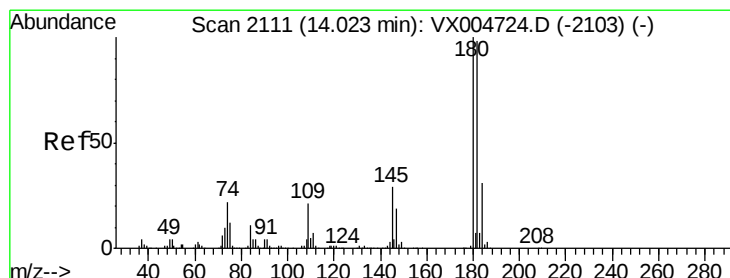
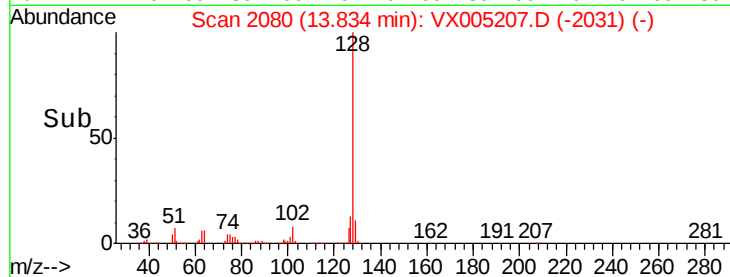
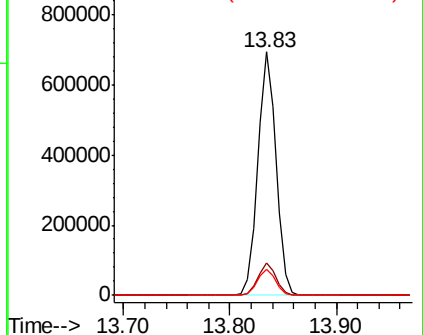
129 10.8 8.7 13.1



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: 54.887 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005207.D

Acq: 10 Oct 2018 15:33

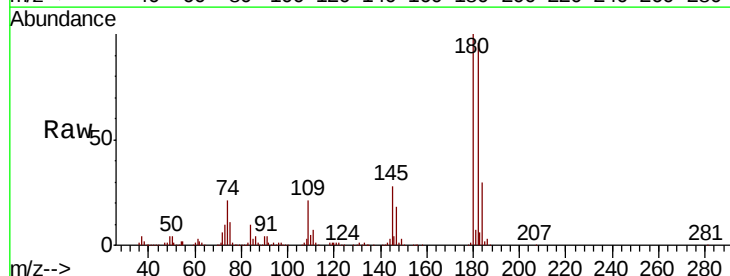
Tgt Ion:180 Resp: 277271

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.8

145 29.9 15.0 45.0



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

