

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010662.D
 Acq On : 04 Jul 2019 02:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 04 05:39:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	236088	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	353333	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174533	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	112098	50.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.28%	
35) Dibromofluoromethane	5.49	113	107299	49.63	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	396293	47.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.13	95	148275	49.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	96648	58.883	ug/l	96
3) Chloromethane	1.32	50	100273	52.464	ug/l	100
4) Vinyl Chloride	1.41	62	109648	52.378	ug/l	99
5) Bromomethane	1.64	94	56473	55.373	ug/l	97
6) Chloroethane	1.71	64	68907	55.792	ug/l	97
7) Trichlorofluoromethane	1.92	101	182858	55.102	ug/l	98
8) Diethyl Ether	2.18	74	64276	54.010	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	104234	51.831	ug/l	98
10) Methyl Iodide	2.51	142	138401	48.223	ug/l	97
11) Tert butyl alcohol	3.04	59	129910	224.286	ug/l	100
12) 1,1-Dichloroethene	2.37	96	105352	51.483	ug/l	94
13) Acrolein	2.29	56	82446	214.570	ug/l	99
14) Allyl chloride	2.73	41	145038	49.923	ug/l	97
15) Acrylonitrile	3.14	53	290296	253.139	ug/l	100
16) Acetone	2.44	43	233664	210.628	ug/l	97
17) Carbon Disulfide	2.57	76	273457	49.809	ug/l	99
18) Methyl Acetate	2.77	43	116169	52.541	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	330337	51.313	ug/l	100
20) Methylene Chloride	2.85	84	117208	51.339	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	111862	50.826	ug/l	95
22) Diisopropyl ether	3.85	45	314862	51.836	ug/l	98
23) Vinyl Acetate	3.81	43	1368359	260.766	ug/l	99
24) 1,1-Dichloroethane	3.69	63	181223	51.614	ug/l	100
25) 2-Butanone	4.67	43	390426	239.922	ug/l	99
26) 2,2-Dichloropropane	4.58	77	104888	34.389	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	127214	50.019	ug/l	99
28) Bromochloromethane	5.01	49	80425	47.908	ug/l	95
29) Tetrahydrofuran	5.12	42	252206	250.213	ug/l	99
30) Chloroform	5.21	83	195317	51.702	ug/l	98
31) Cyclohexane	5.57	56	166530	52.084	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	171574	51.435	ug/l	99
36) 1,1-Dichloropropene	5.79	75	143030	50.941	ug/l	99
37) Ethyl Acetate	4.82	43	147356	51.014	ug/l	98
38) Carbon Tetrachloride	5.78	117	152047	50.008	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185159	50.168	ug/l	99
40) Benzene	6.14	78	441244	50.442	ug/l	98
41) Methacrylonitrile	5.04	41	81391	51.355	ug/l	99
42) 1,2-Dichloroethane	6.19	62	145889	54.789	ug/l	99
43) Isopropyl Acetate	6.44	43	242912	50.829	ug/l	98
44) Trichloroethene	7.21	130	130759	49.956	ug/l	99
45) 1,2-Dichloropropane	7.51	63	111290	50.380	ug/l	98
46) Dibromomethane	7.66	93	81405	51.363	ug/l	96
47) Bromodichloromethane	7.89	83	147449	50.765	ug/l	100
48) Methyl methacrylate	7.77	41	117952	53.099	ug/l	98
49) 1,4-Dioxane	7.74	88	61354	958.783	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	788194	257.877	ug/l	98
52) Toluene	8.78	92	293019	50.866	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	154810	47.540	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	172207	48.663	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	121419	51.107	ug/l	98
56) Ethyl methacrylate	9.18	69	184080	51.148	ug/l	95
57) 1,3-Dichloropropane	9.37	76	188065	50.995	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	402074	235.232	ug/l	99
59) 2-Hexanone	9.49	43	598155	248.655	ug/l	98
60) Dibromochloromethane	9.58	129	131710	49.513	ug/l	99
61) 1,2-Dibromoethane	9.67	107	131139	51.139	ug/l	100
64) Tetrachloroethene	9.34	164	127248	48.169	ug/l	98
65) Chlorobenzene	10.13	112	327901	49.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	120018	49.691	ug/l	99
67) Ethyl Benzene	10.25	91	569749	50.897	ug/l	100
68) m/p-Xylenes	10.36	106	442794	102.085	ug/l	98
69) o-Xylene	10.69	106	213393	50.027	ug/l	98
70) Styrene	10.71	104	364882	51.008	ug/l	98
71) Bromoform	10.85	173	98584	46.936	ug/l #	99
73) Isopropylbenzene	11.02	105	576376	48.717	ug/l	98
74) N-amyl acetate	10.90	43	223148	49.907	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	182176	46.495	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	197196	62.003	ug/l	80
77) Bromobenzene	11.25	156	155506	47.072	ug/l	98
78) n-propylbenzene	11.36	91	651675	50.117	ug/l	99
79) 2-Chlorotoluene	11.42	91	376777	48.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	481370	49.354	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51118	37.496	ug/l	92
82) 4-Chlorotoluene	11.51	91	440624	50.010	ug/l	99
83) tert-Butylbenzene	11.77	119	473771	48.397	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	486325	49.629	ug/l	99
85) sec-Butylbenzene	11.94	105	571506	49.722	ug/l	100
86) p-Isopropyltoluene	12.06	119	521961	49.095	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	274443	47.591	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	274501	46.757	ug/l	100
89) n-Butylbenzene	12.38	91	450280	49.842	ug/l	99
90) Hexachloroethane	12.59	117	85287	46.393	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	268563	46.859	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38096	45.096	ug/l	90

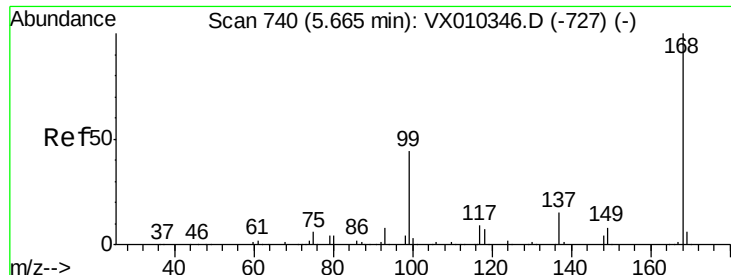
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	186967	47.041	ug/l	99
94) Hexachlorobutadiene	13.78	225	91556	47.133	ug/l	100
95) Naphthalene	13.83	128	575324	47.103	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	189674	47.997	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

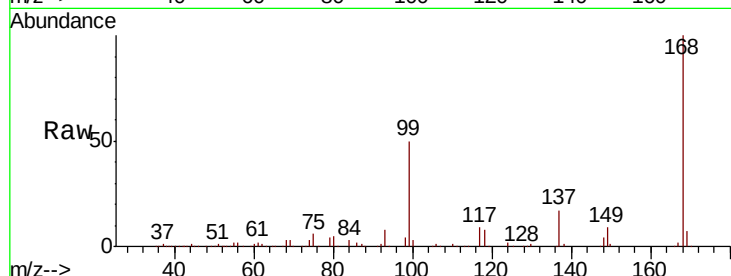
VSTDCCC050

Tot Ion:168 Resp: 236088

Ion Ratio Lower Upper

168 100

99 49.6 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

40000

20000

0

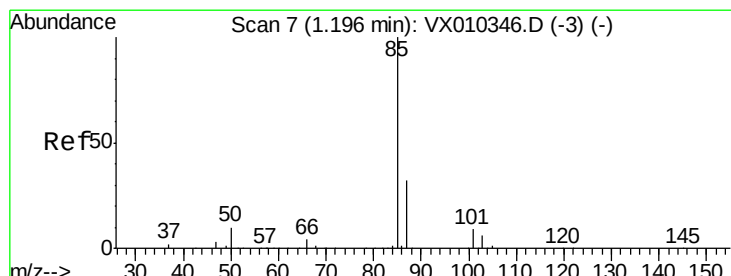
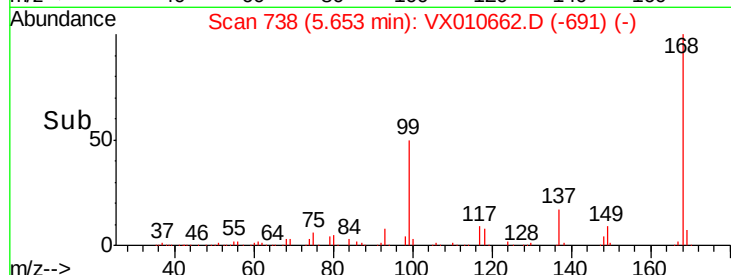
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 58.883 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010662.D

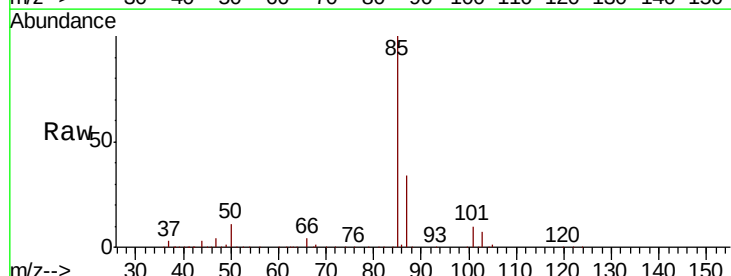
Acq: 04 Jul 2019 02:05

Tgt Ion: 85 Resp: 96648

Ion Ratio Lower Upper

85 100

87 34.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

40000

20000

0

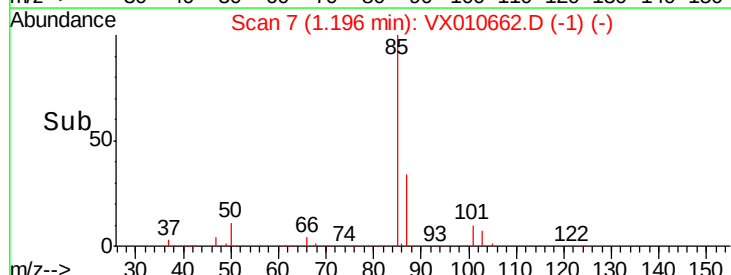
Time-->

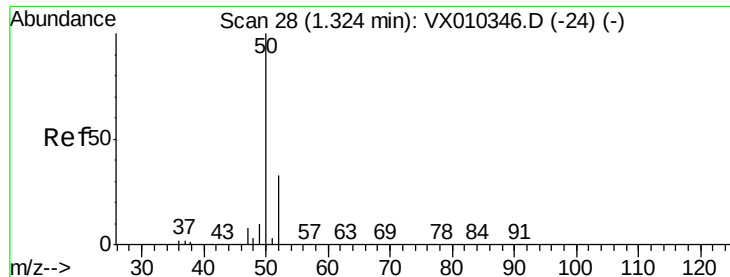
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 52.464 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

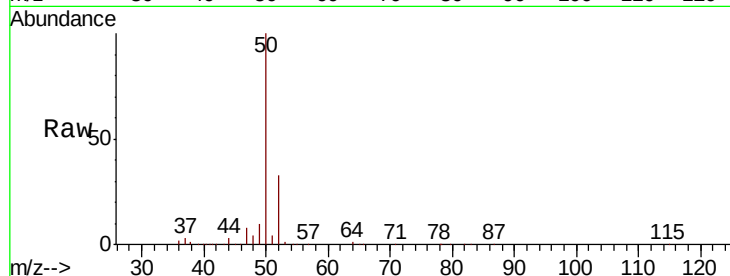
VSTDCCC050

Tot Ion: 50 Resp: 100273

Ion Ratio Lower Upper

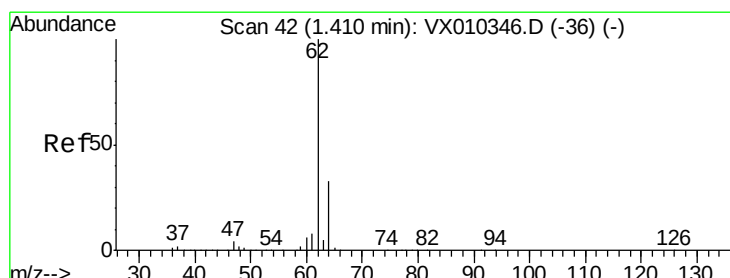
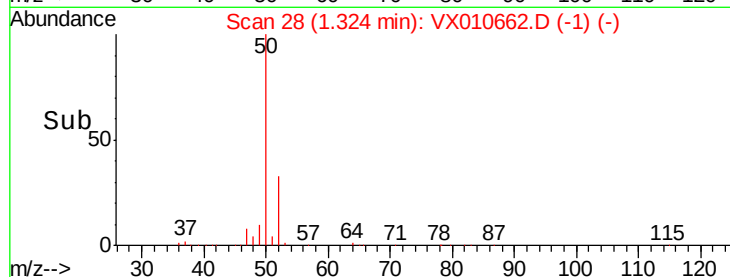
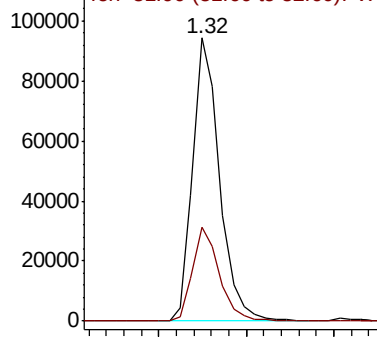
50 100

52 32.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.378 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010662.D

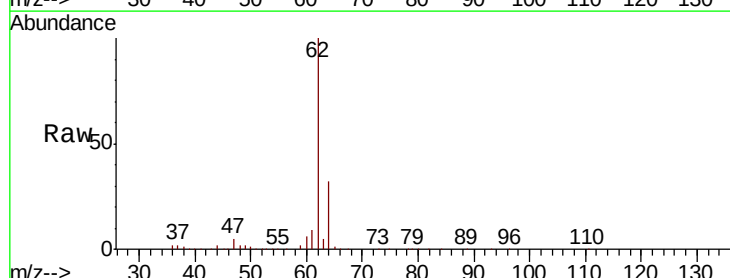
Acq: 04 Jul 2019 02:05

Tgt Ion: 62 Resp: 109648

Ion Ratio Lower Upper

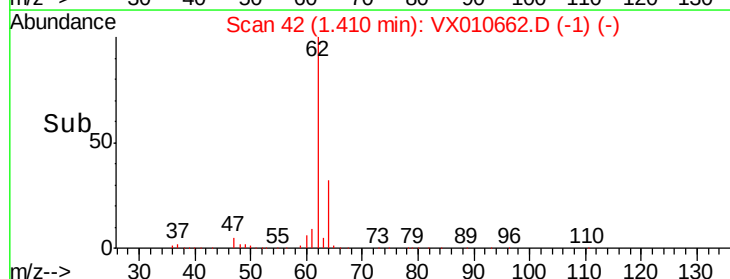
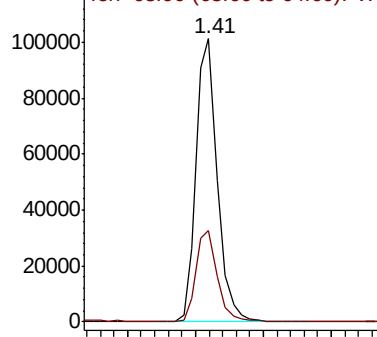
62 100

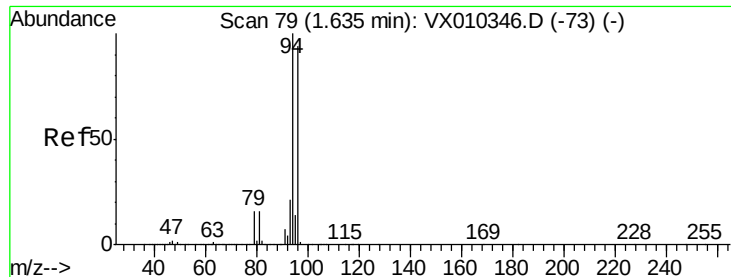
64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.373 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

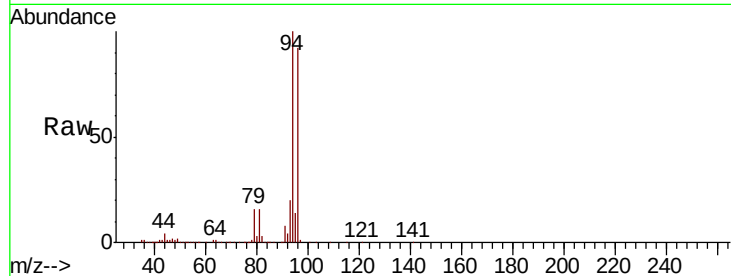
VSTDCCC050

Tot Ion: 94 Resp: 56473

Ion Ratio Lower Upper

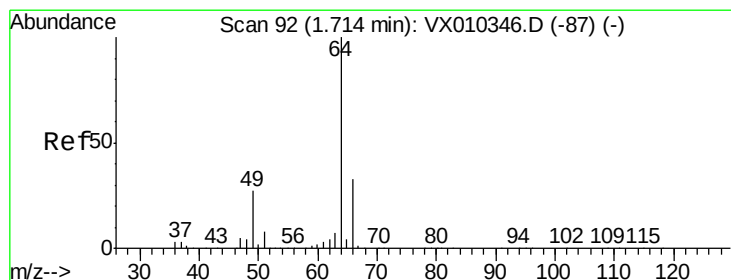
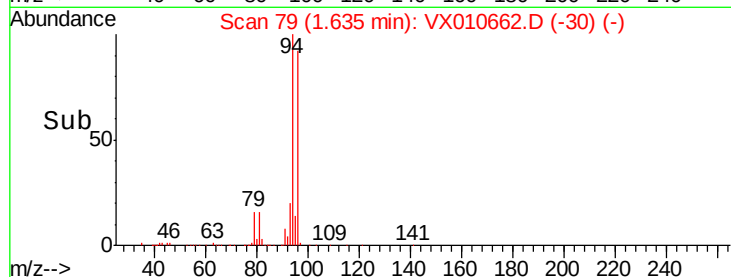
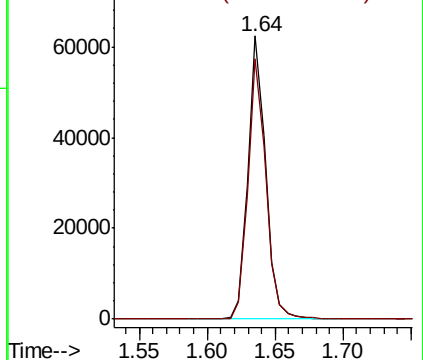
94 100

96 91.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 55.792 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010662.D

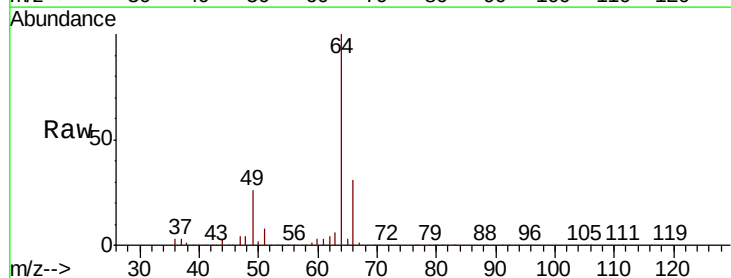
Acq: 04 Jul 2019 02:05

Tgt Ion: 64 Resp: 68907

Ion Ratio Lower Upper

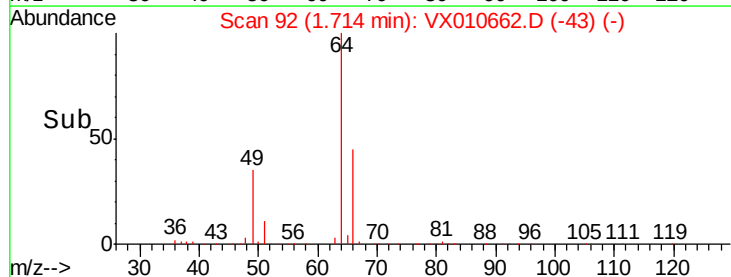
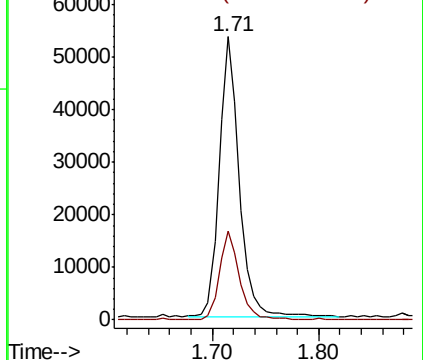
64 100

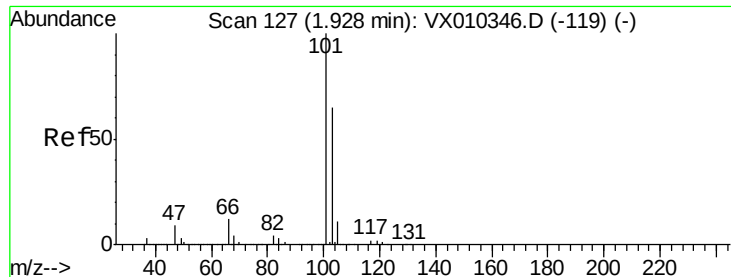
66 31.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



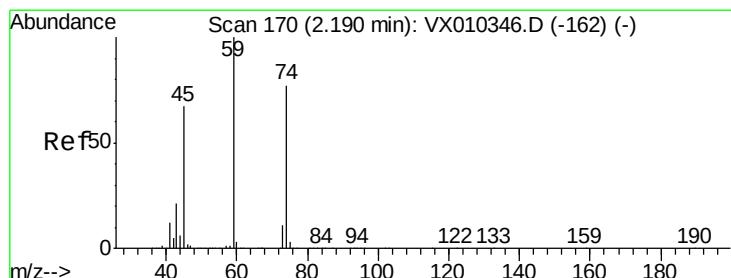
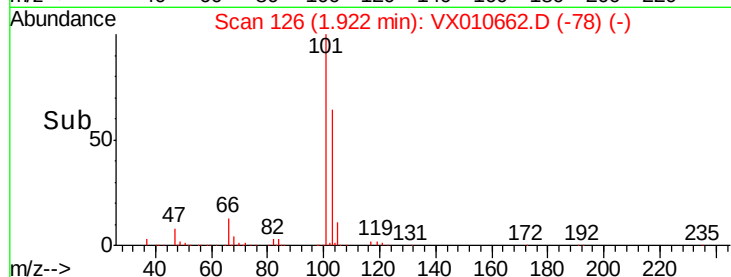
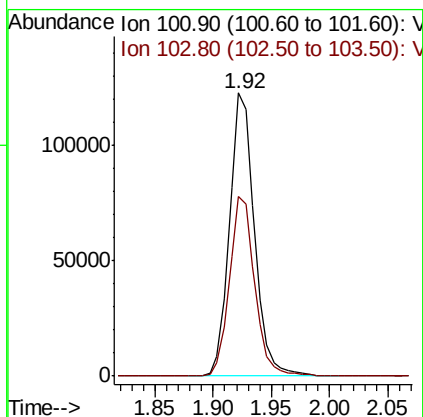
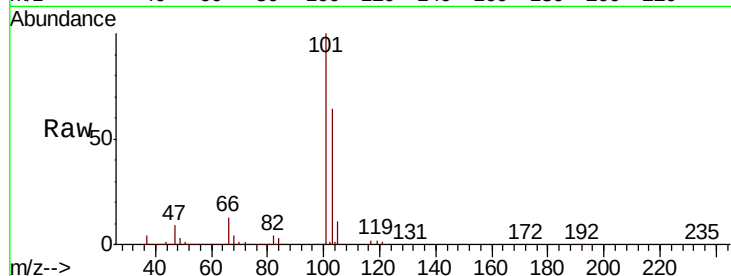


#7

Trichlorofluoromethane
Concen: 55.102 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

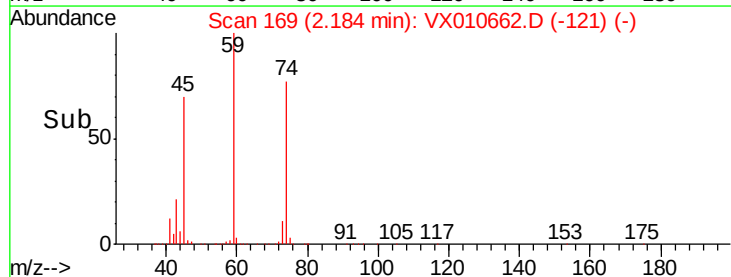
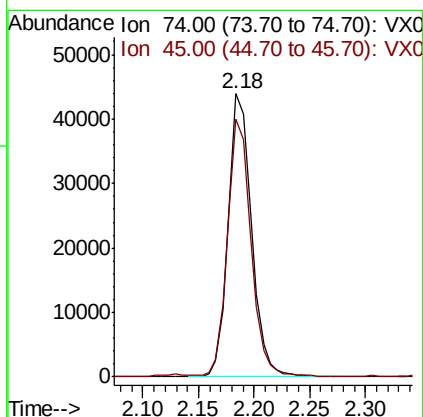
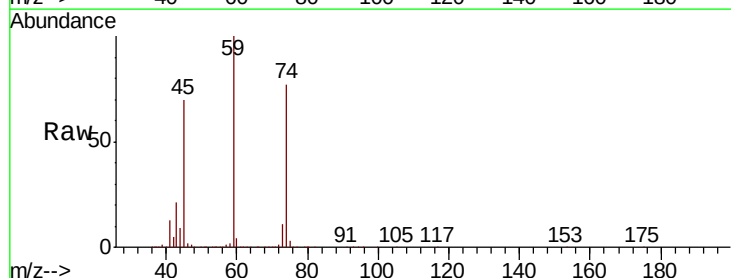
Tot Ion:101 Resp: 182858
Ion Ratio Lower Upper
101 100
103 63.7 52.3 78.5

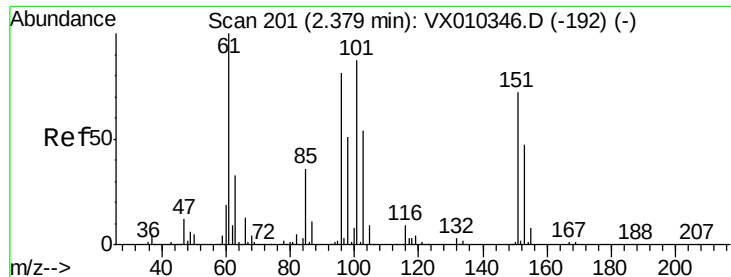


#8

Diethyl Ether
Concen: 54.010 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 74 Resp: 64276
Ion Ratio Lower Upper
74 100
45 91.6 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.831 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

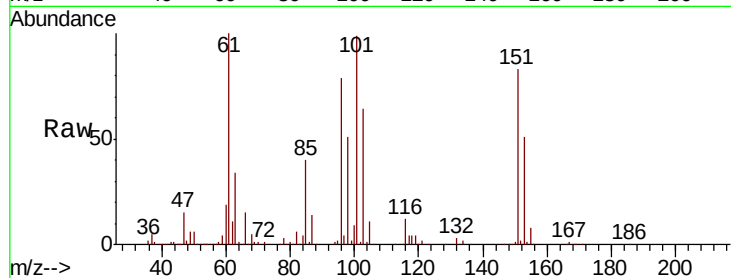
Tot Ion:101 Resp: 104234

Ion Ratio Lower Upper

101 100

85 42.4 33.7 50.5

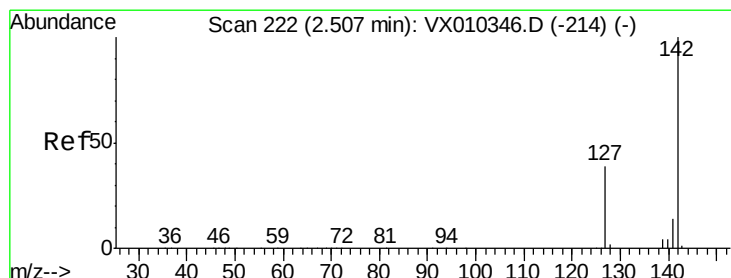
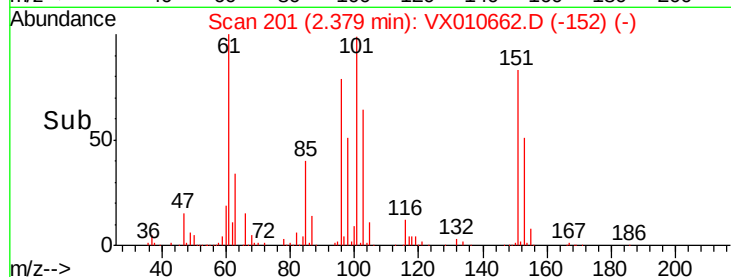
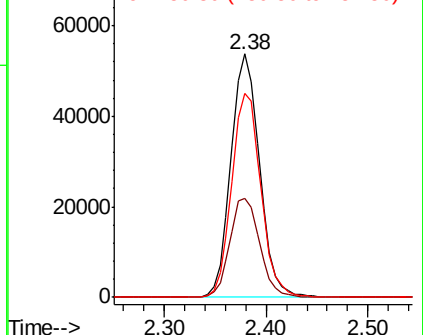
151 85.3 70.1 105.1



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: 48.223 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

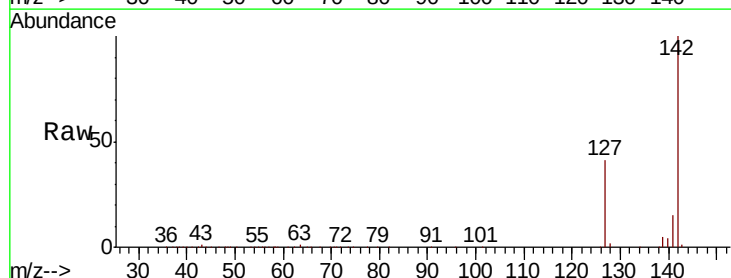
Tgt Ion:142 Resp: 138401

Ion Ratio Lower Upper

142 100

127 41.2 31.1 46.7

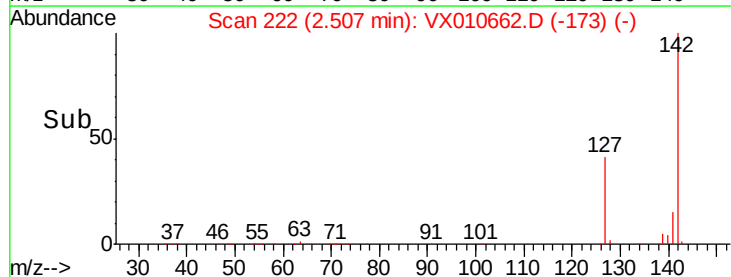
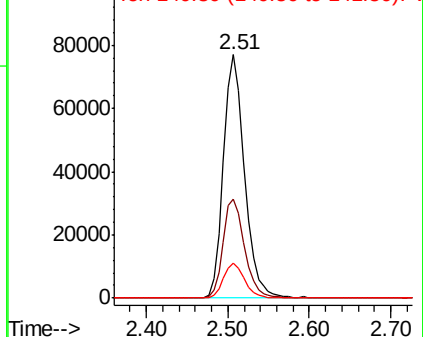
141 14.3 11.2 16.8

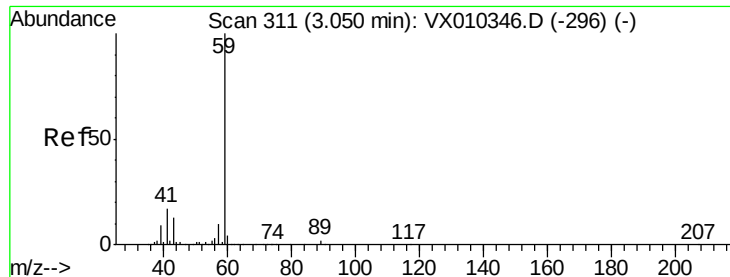


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

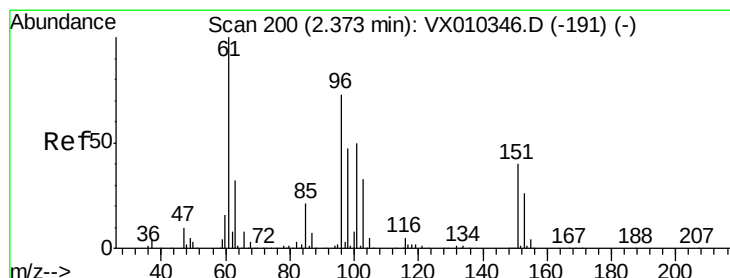
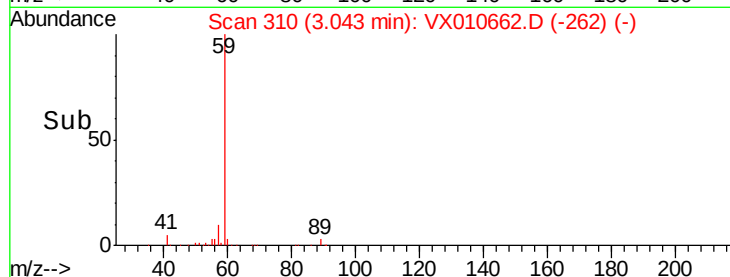
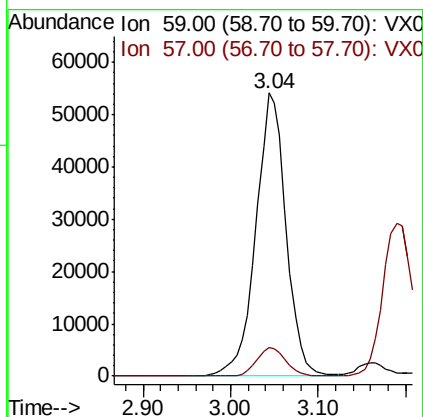
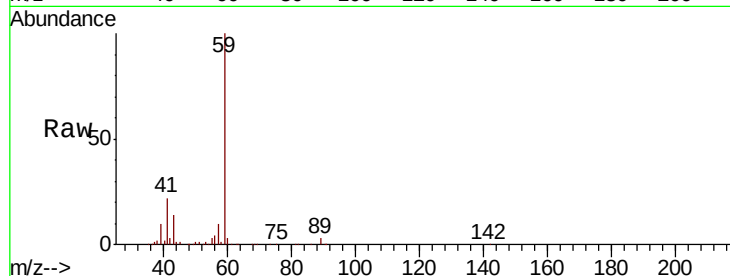




#11
Tert butyl alcohol
Concen: 224.286 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

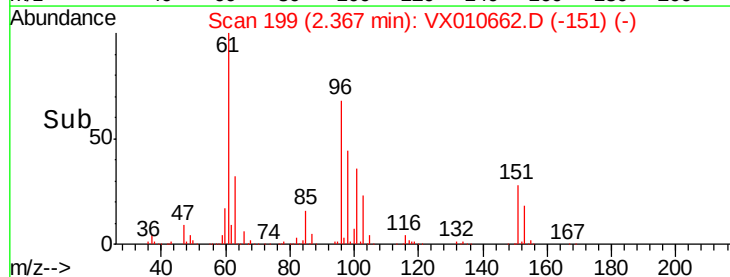
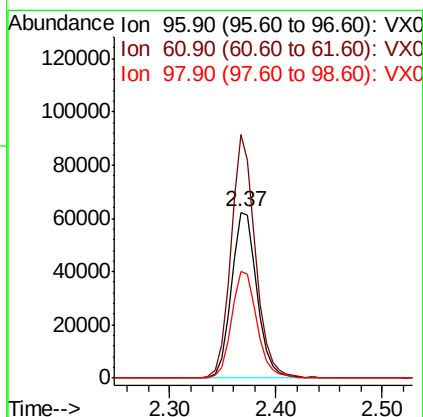
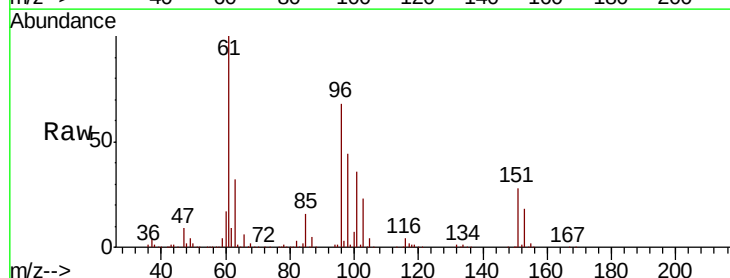
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

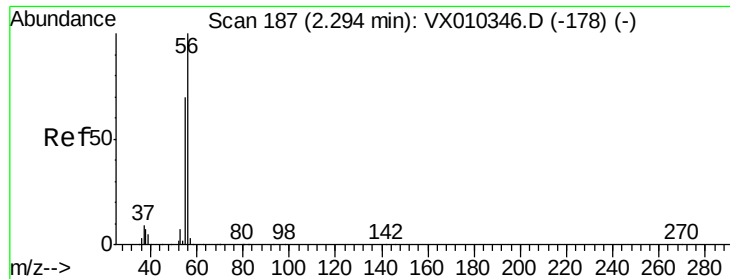
Tot Ion: 59 Resp: 129910
Ion Ratio Lower Upper
59 100
57 9.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.483 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 96 Resp: 105352
Ion Ratio Lower Upper
96 100
61 146.5 109.2 163.8
98 64.0 51.1 76.7





#13

Acrolein

Concen: 214.570 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

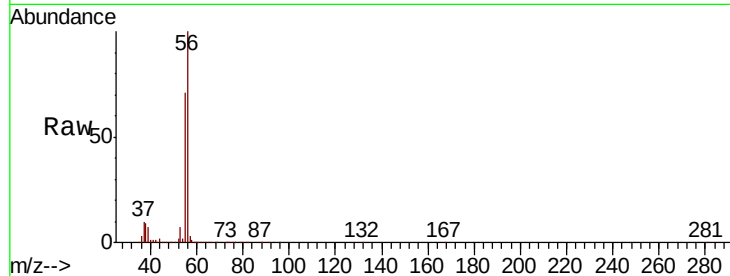
VSTDCCC050

Tot Ion: 56 Resp: 82446

Ion Ratio Lower Upper

56 100

55 71.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

60000

50000

40000

30000

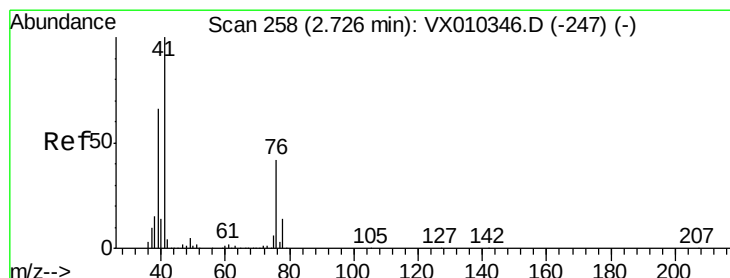
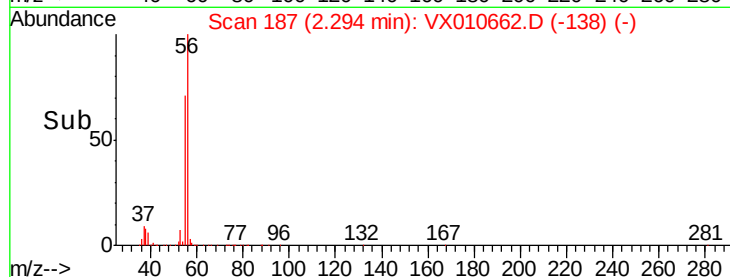
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 49.923 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

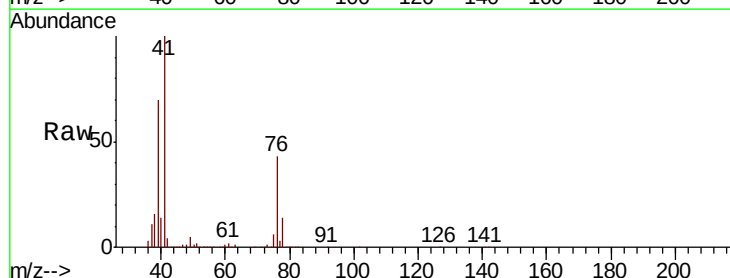
Tgt Ion: 41 Resp: 145038

Ion Ratio Lower Upper

41 100

39 65.9 50.3 75.5

76 38.4 31.3 46.9



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

150000

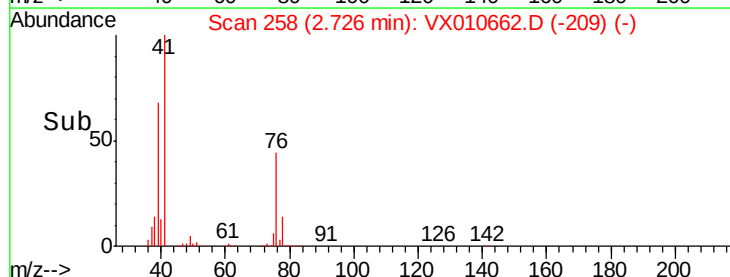
100000

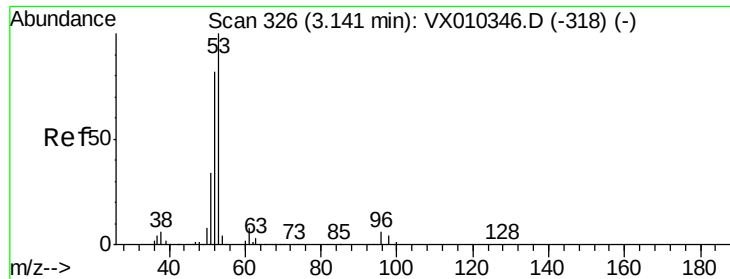
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 253.139 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

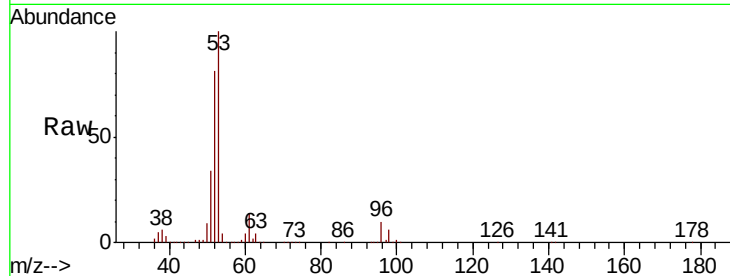
Tot Ion: 53 Resp: 290296

Ion Ratio Lower Upper

53 100

52 81.9 65.5 98.3

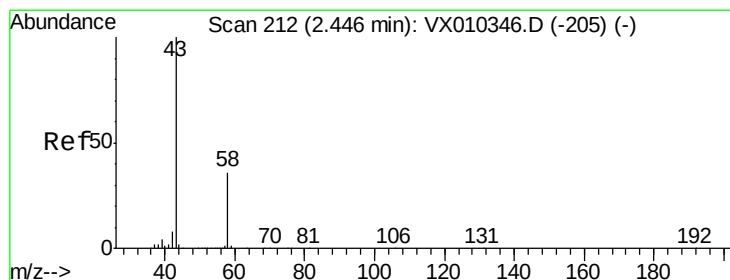
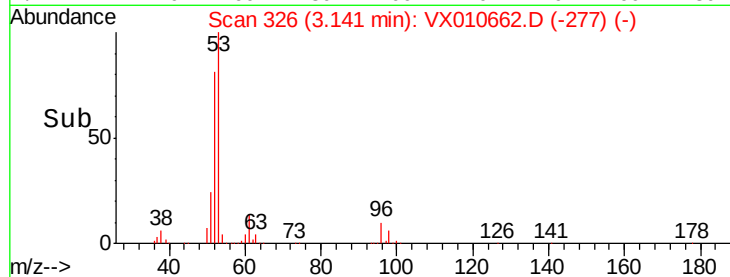
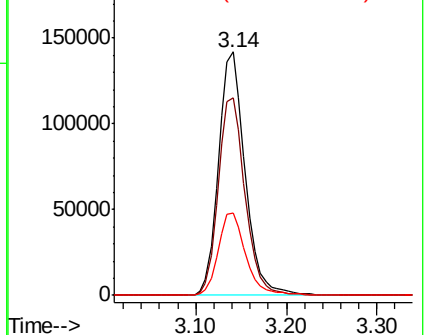
51 35.0 28.2 42.4



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: 210.628 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010662.D

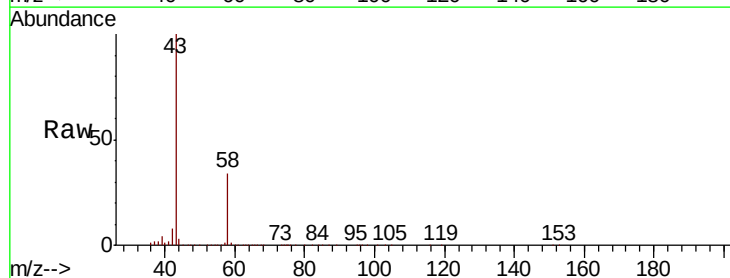
Acq: 04 Jul 2019 02:05

Tgt Ion: 43 Resp: 233664

Ion Ratio Lower Upper

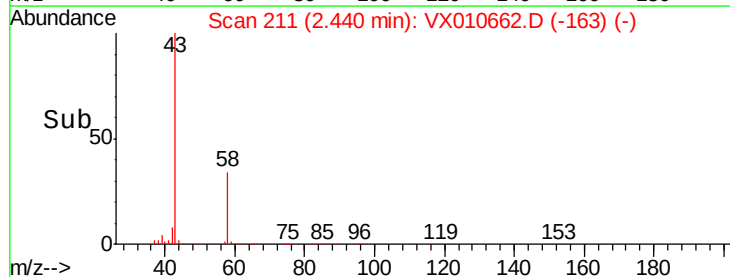
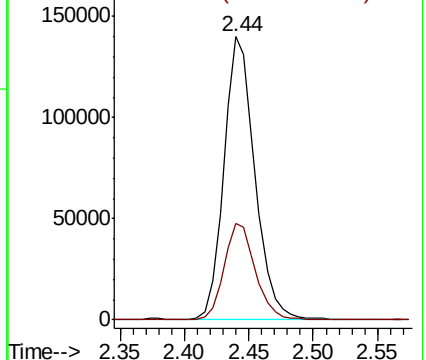
43 100

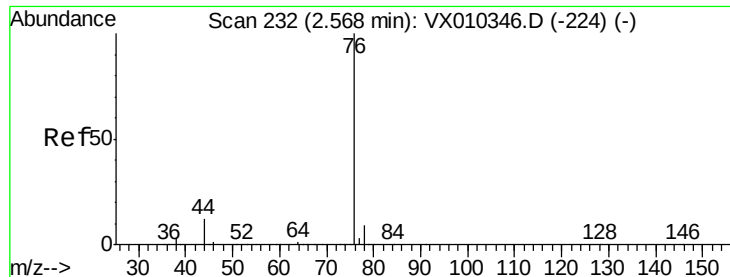
58 34.2 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.809 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

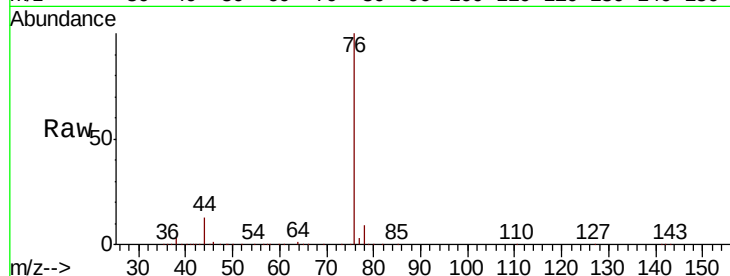
VSTDCCC050

Tot Ion: 76 Resp: 273457

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

100000

50000

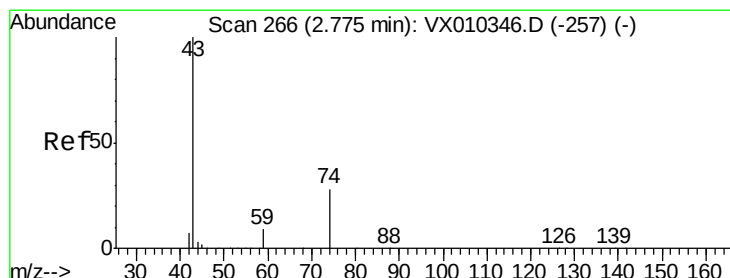
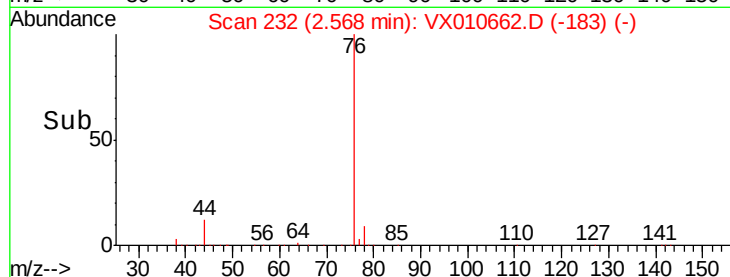
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 52.541 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX010662.D

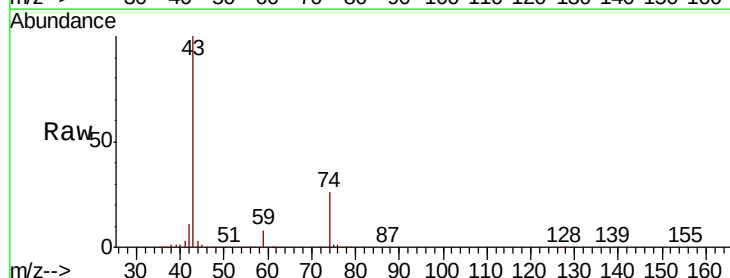
Acq: 04 Jul 2019 02:05

Tgt Ion: 43 Resp: 116169

Ion Ratio Lower Upper

43 100

74 26.9 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

60000

40000

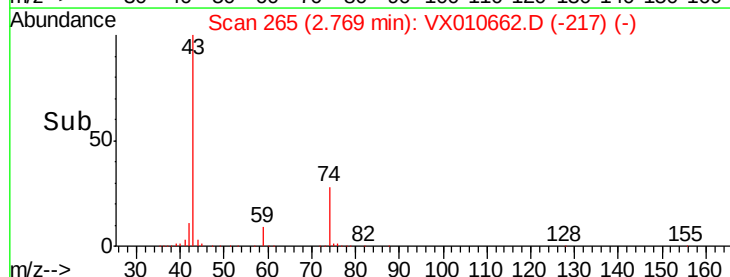
20000

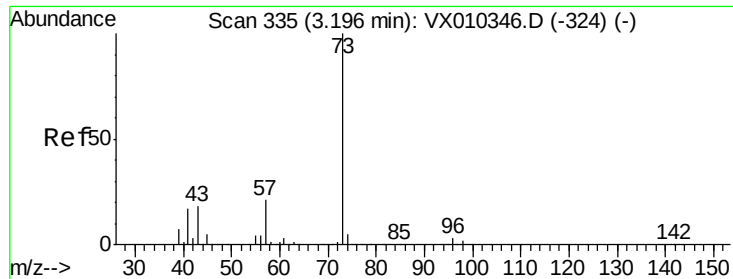
0

Time-->

2.70

2.80

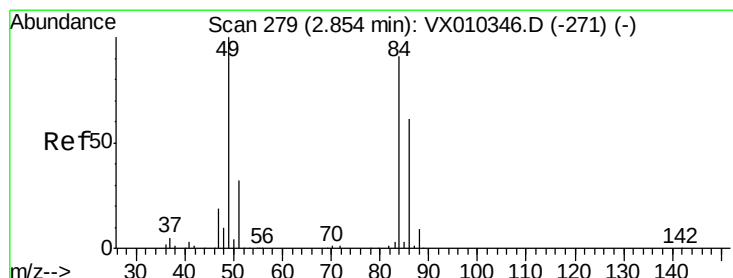
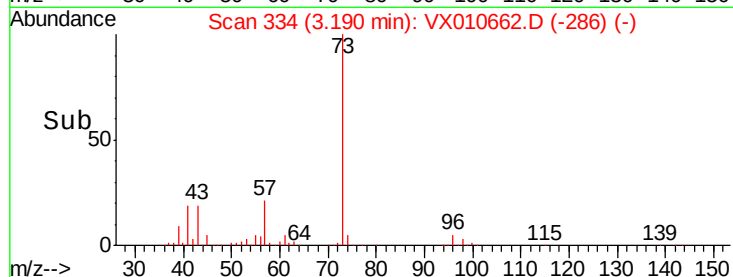
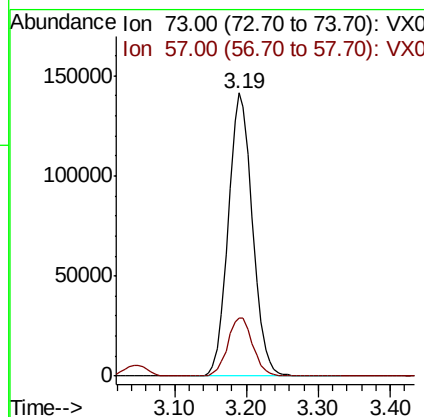
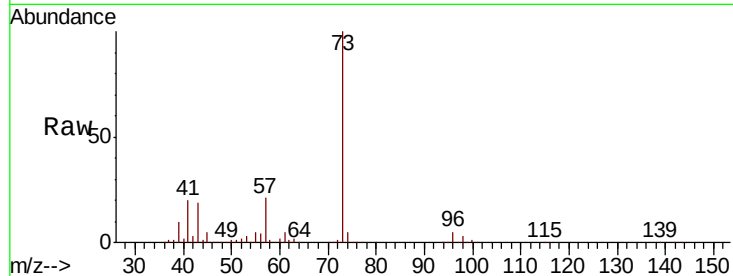




#19
Methyl tert-butyl Ether
Concen: 51.313 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

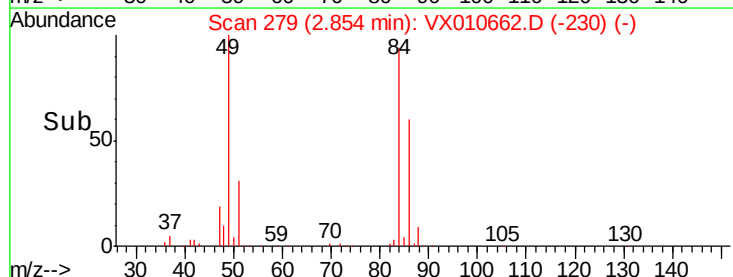
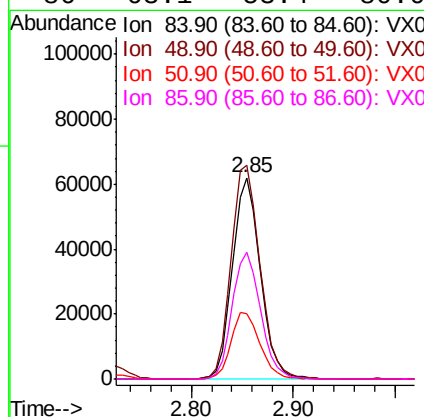
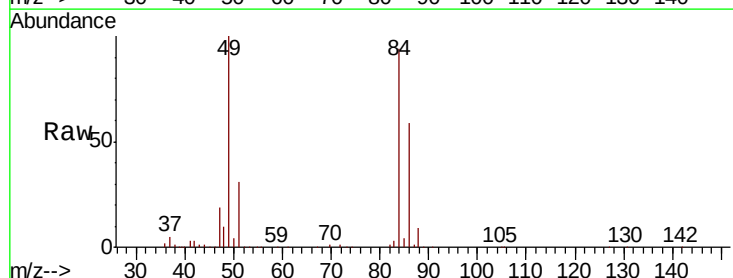
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

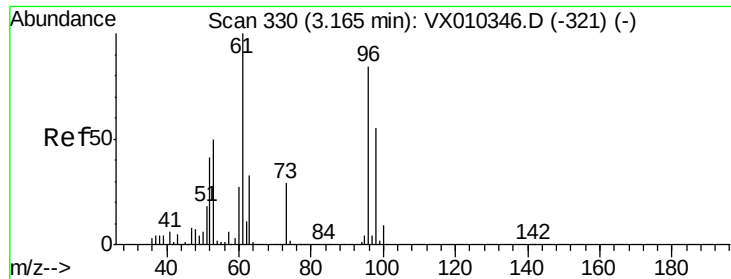
Tot Ion: 73 Resp: 330337
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 51.339 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 84 Resp: 117208
Ion Ratio Lower Upper
84 100
49 105.9 87.5 131.3
51 32.4 27.7 41.5
86 63.1 53.4 80.0

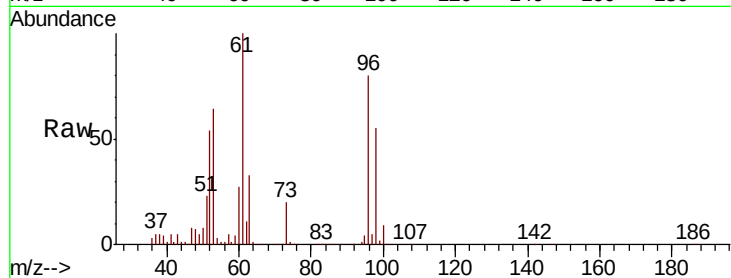




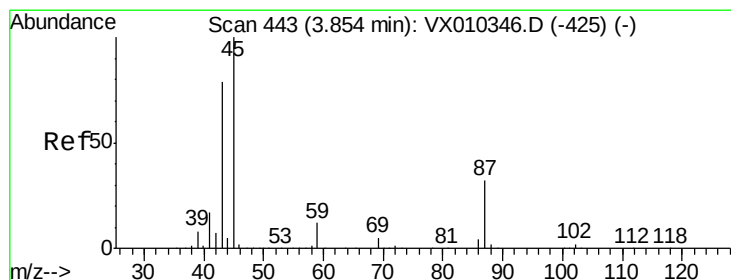
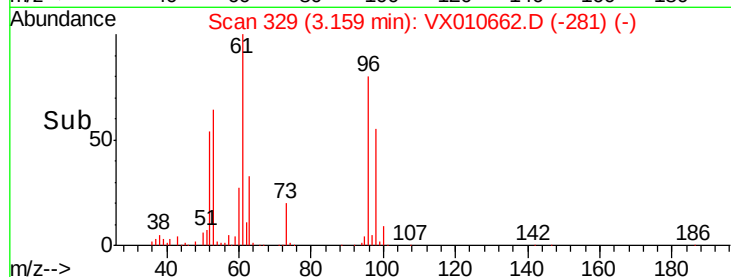
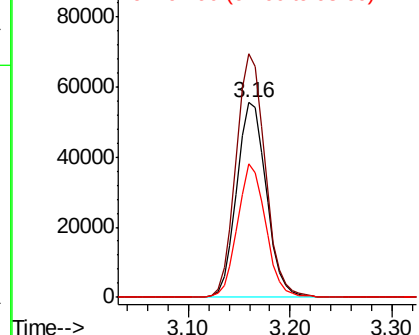
#21
trans-1,2-Dichloroethene
Concen: 50.826 ug/l
RT: 3.16 min Scan# 329
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 111862
Ion Ratio Lower Upper
96 100
61 125.0 95.6 143.4
98 68.5 52.5 78.7

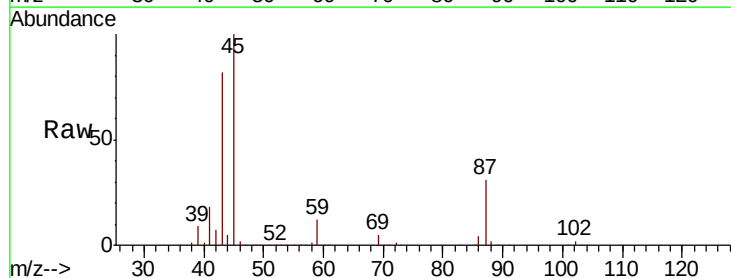


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

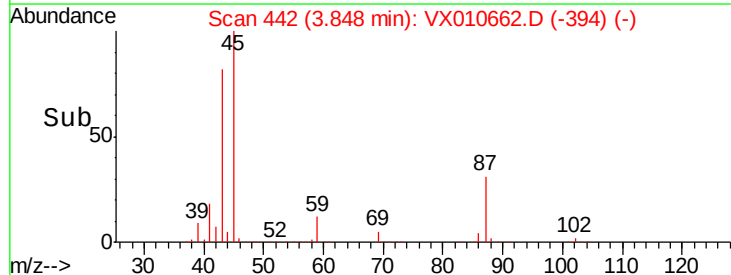
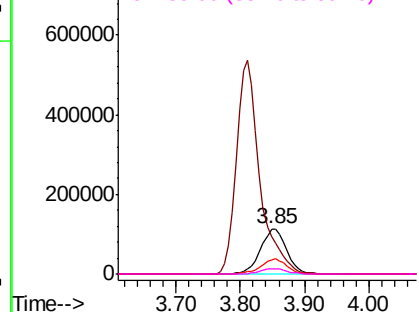


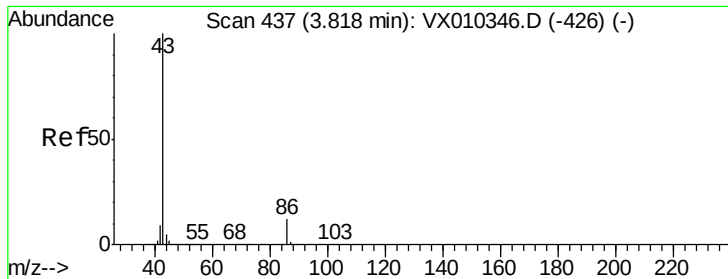
#22
Diisopropyl ether
Concen: 51.836 ug/l
RT: 3.85 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 45 Resp: 314862
Ion Ratio Lower Upper
45 100
43 81.7 63.3 94.9
87 31.1 25.8 38.8
59 12.0 9.6 14.4



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

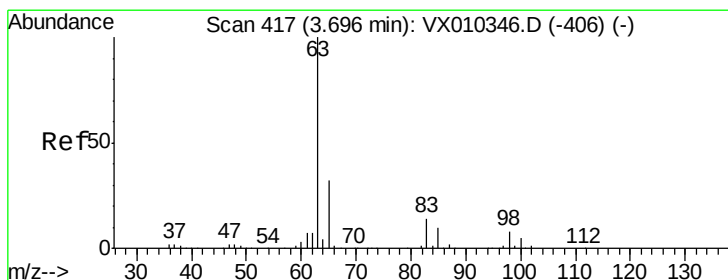
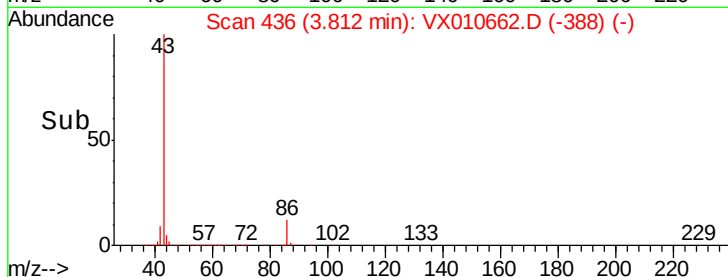
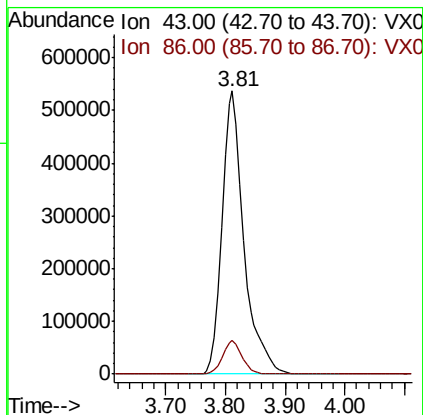
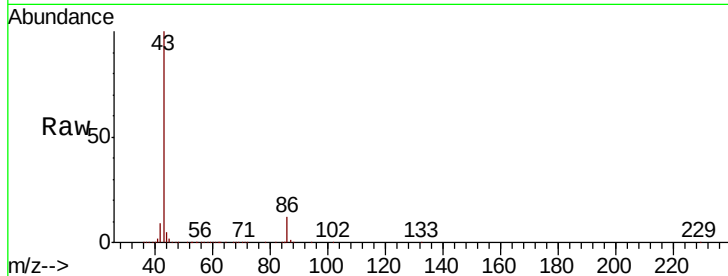




#23
 Vinyl Acetate
 Concen: 260.766 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

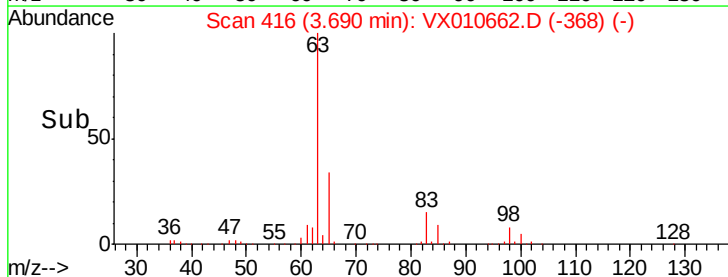
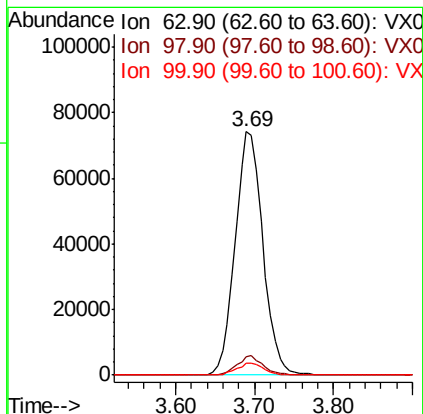
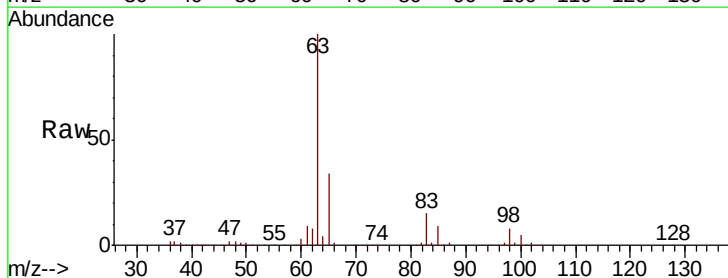
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

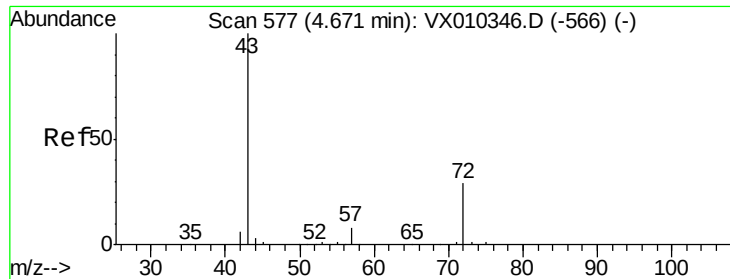
Tot Ion: 43 Resp: 1368359
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 51.614 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Tgt Ion: 63 Resp: 181223
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.8 2.4 7.1





#25

2-Butanone

Concen: 239.922 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

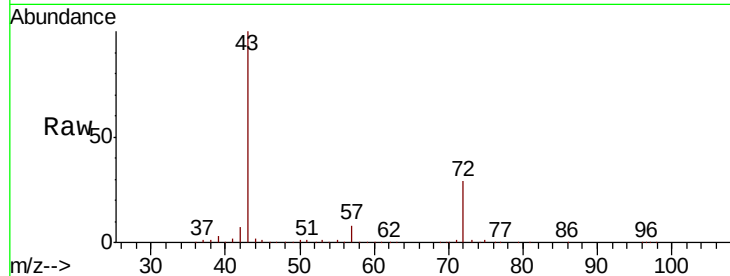
VSTDCCC050

Tot Ion: 43 Resp: 390426

Ion Ratio Lower Upper

43 100

72 28.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

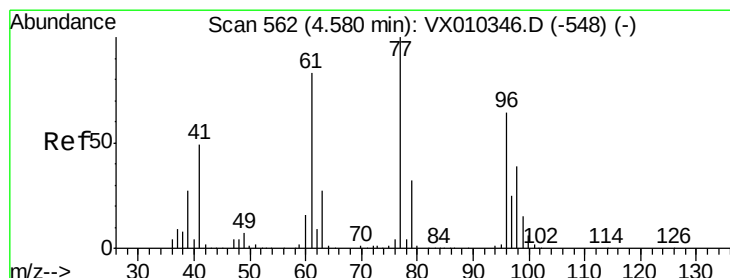
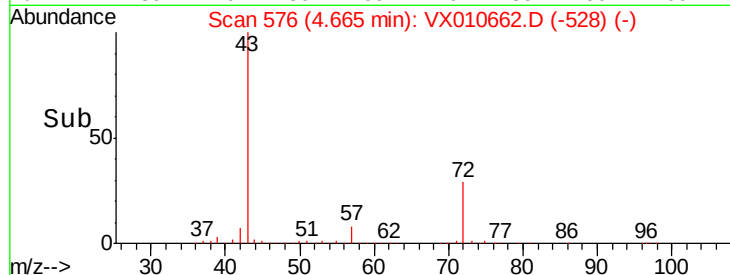
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 34.389 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010662.D

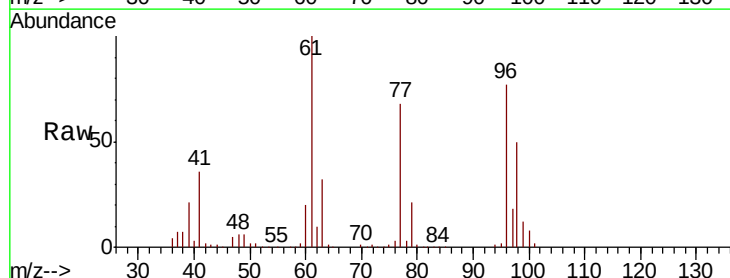
Acq: 04 Jul 2019 02:05

Tgt Ion: 77 Resp: 104888

Ion Ratio Lower Upper

77 100

97 26.8 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

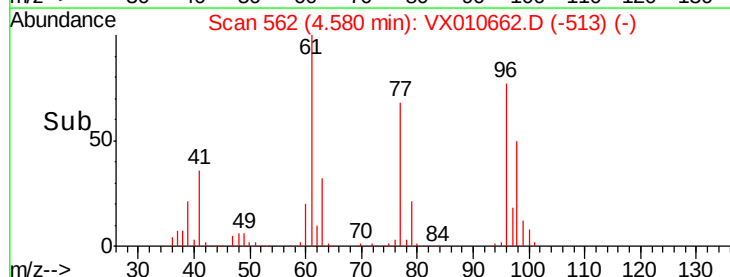
20000

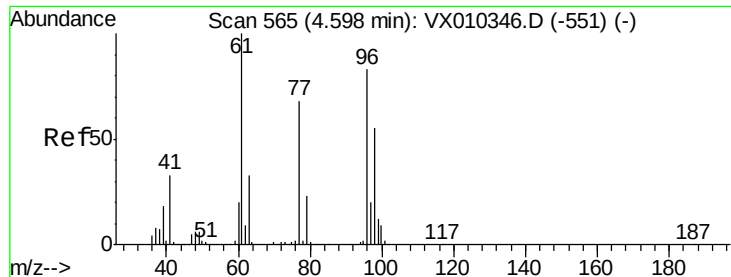
10000

0

4.50 4.60 4.70

Time-->



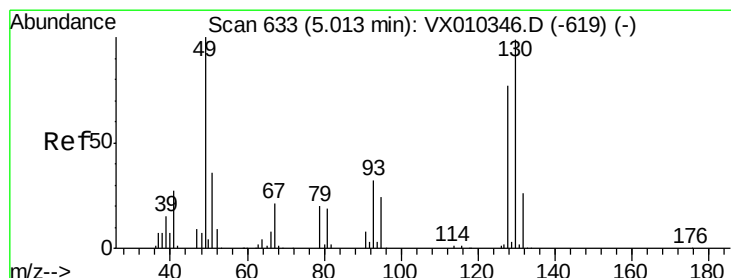
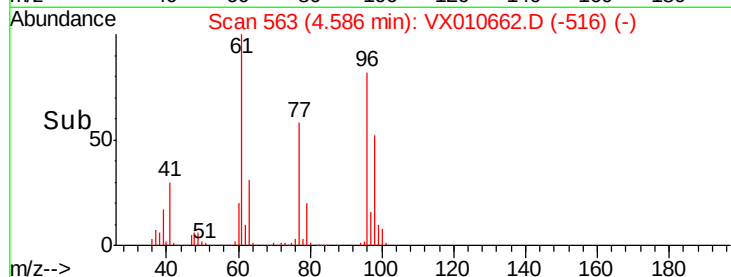
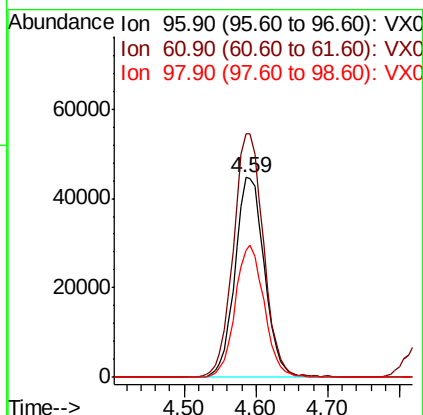
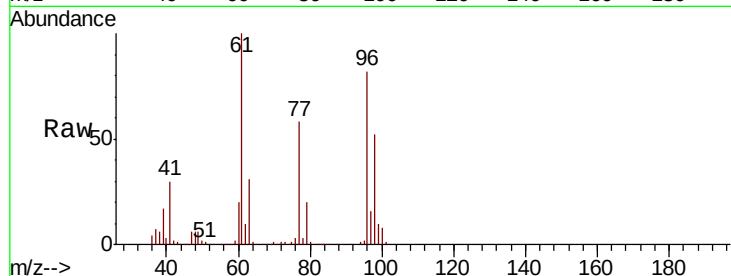


#27

cis-1,2-Dichloroethene
 Concen: 50.019 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

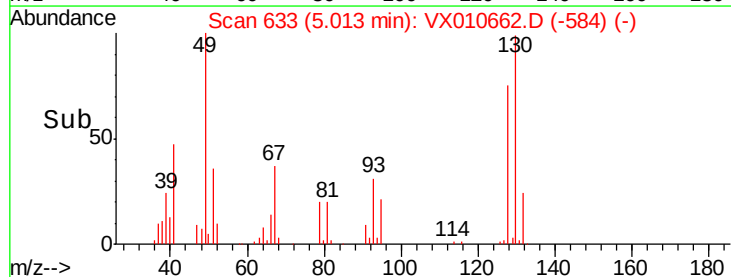
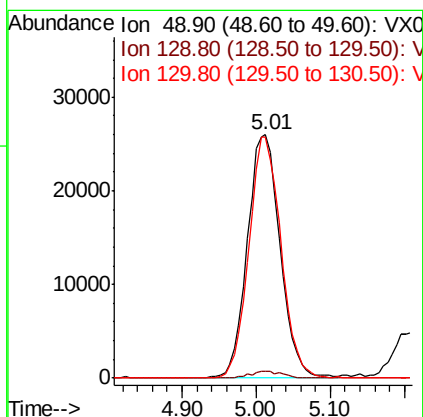
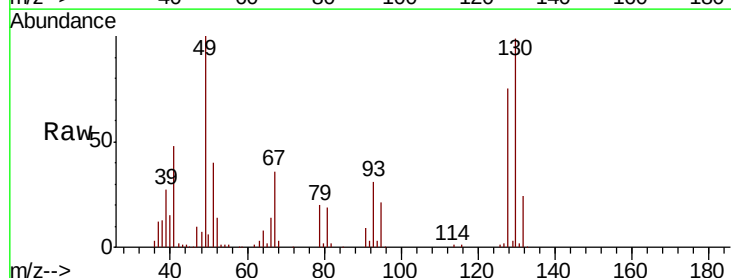
Tot Ion: 96 Resp: 127214
 Ion Ratio Lower Upper
 96 100
 61 124.5 0.0 251.8
 98 64.8 0.0 129.4

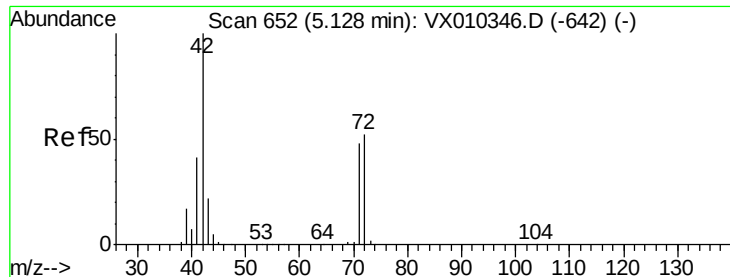


#28

Bromochloromethane
 Concen: 47.908 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Tgt Ion: 49 Resp: 80425
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.6
 130 96.4 81.4 122.0

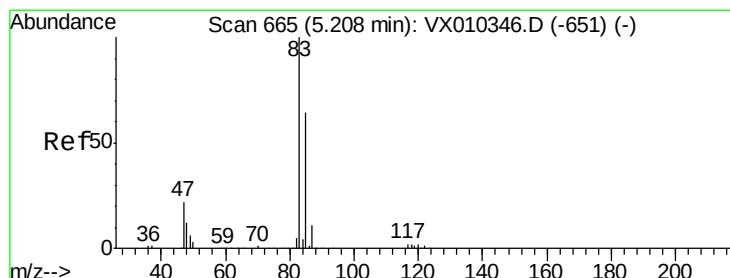
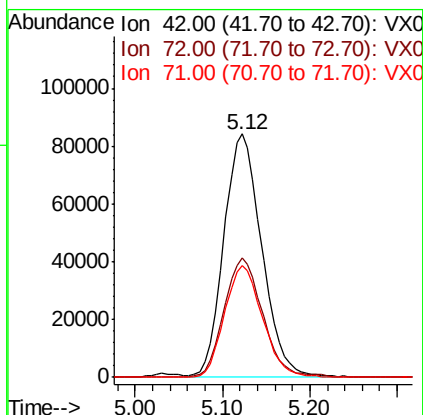
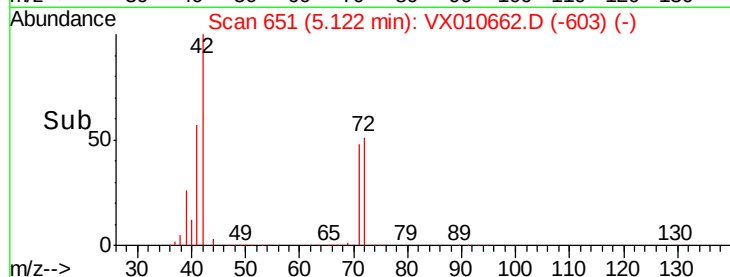
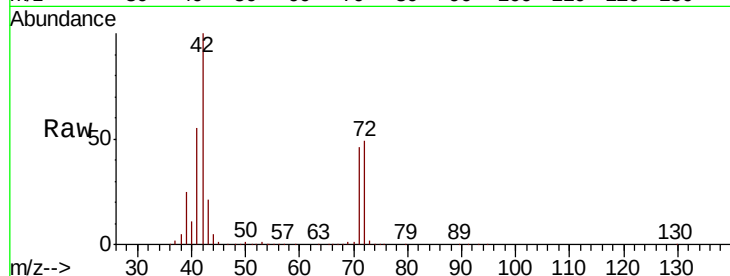




#29
Tetrahydrofuran
Concen: 250.213 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

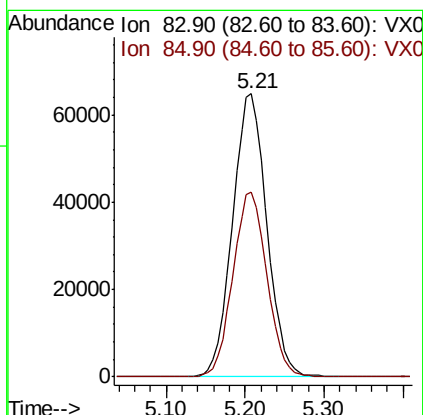
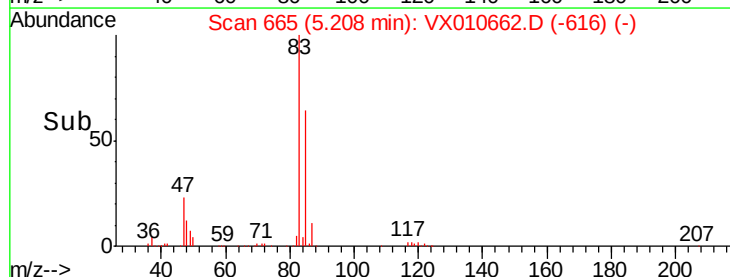
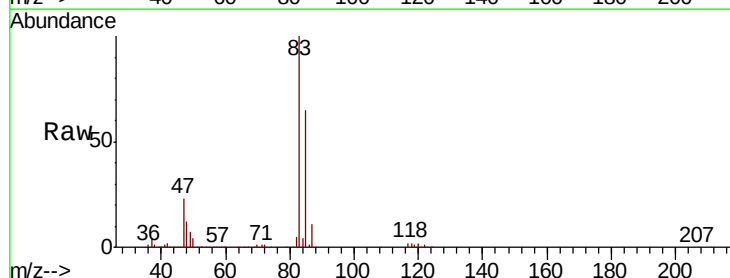
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

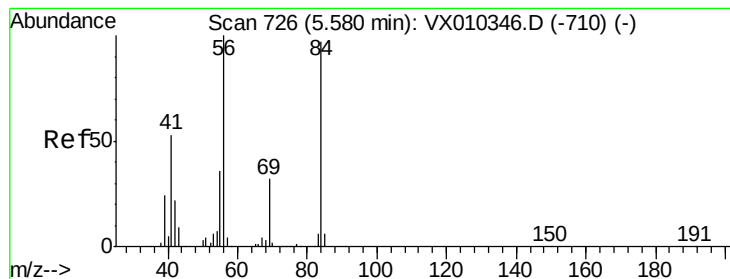
Tot Ion: 42 Resp: 252206
Ion Ratio Lower Upper
42 100
72 50.3 40.6 60.8
71 46.2 37.8 56.8



#30
Chloroform
Concen: 51.702 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 83 Resp: 195317
Ion Ratio Lower Upper
83 100
85 65.4 50.9 76.3





#31

Cyclohexane

Concen: 52.084 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

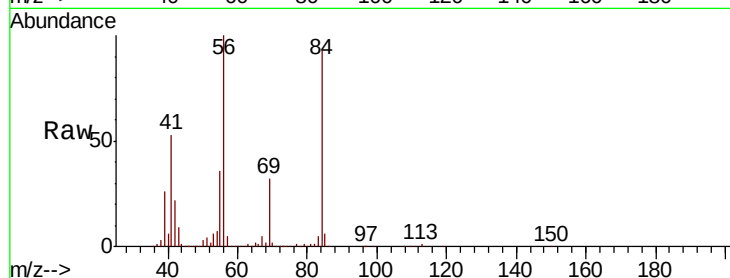
Tot Ion: 56 Resp: 166530

Ion Ratio Lower Upper

56 100

69 31.6 25.9 38.9

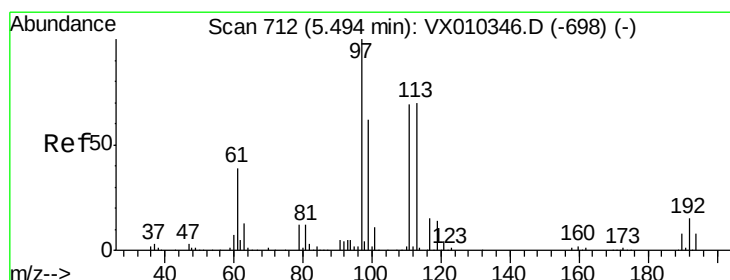
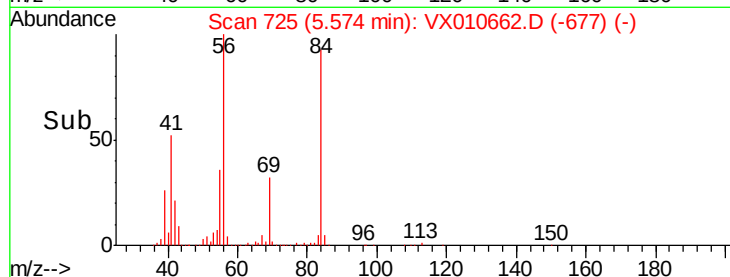
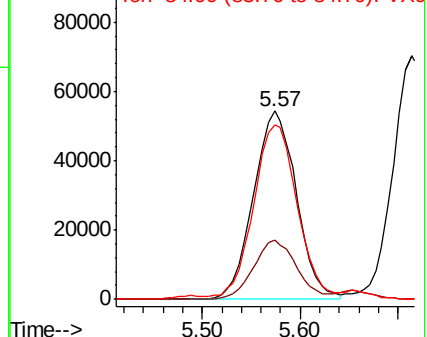
84 90.6 78.0 117.0



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: 51.435 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

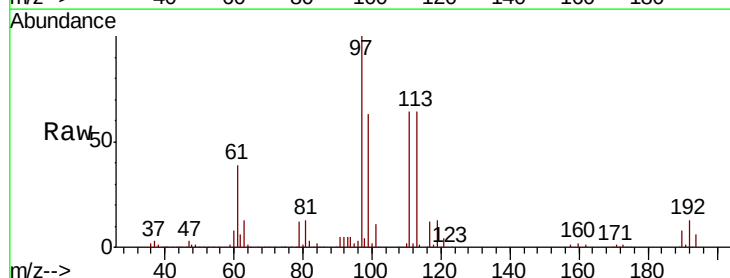
Tgt Ion: 97 Resp: 171574

Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.8

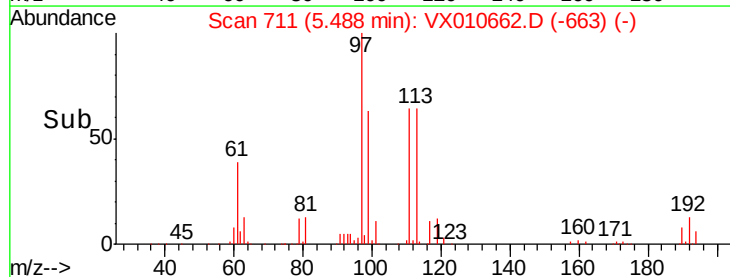
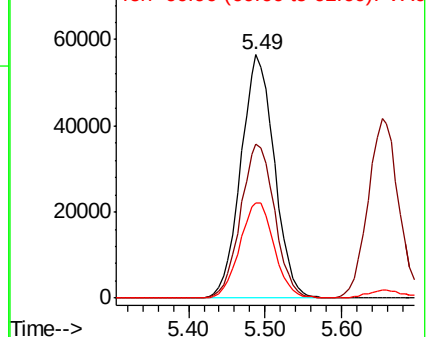
61 40.4 32.1 48.1

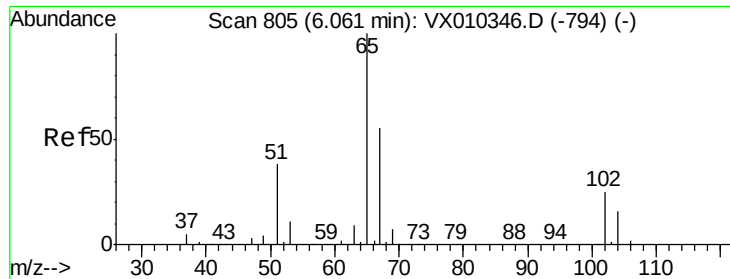


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

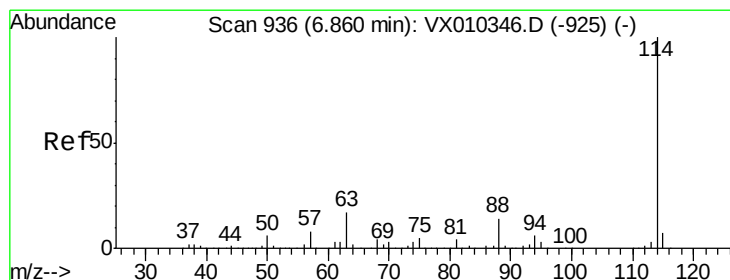
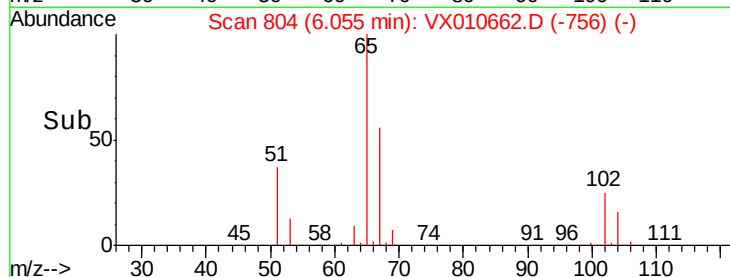
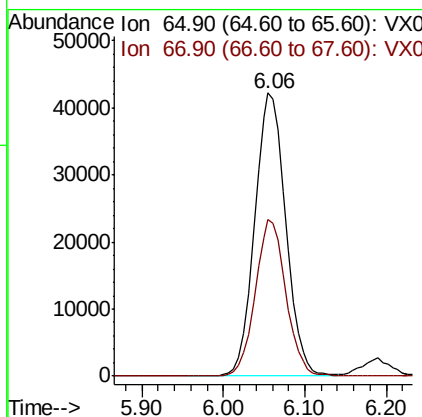
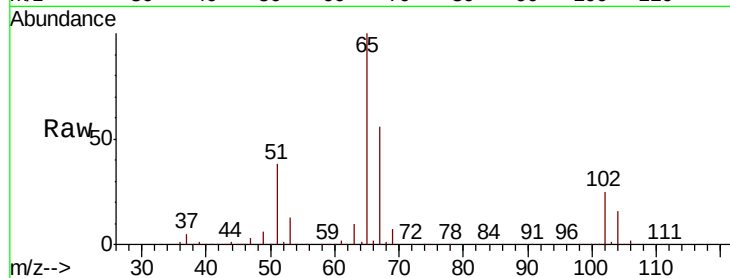




#33
 1,2-Dichloroethane-d4
 Concen: 50.641 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

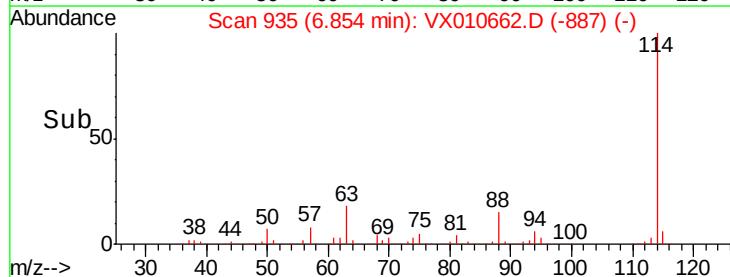
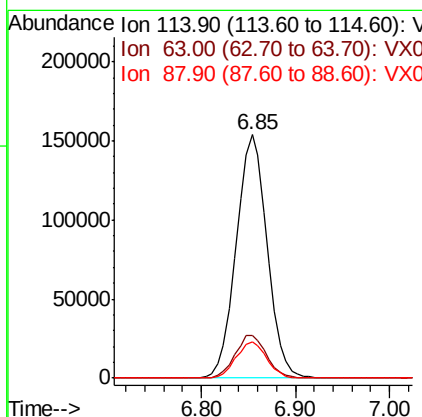
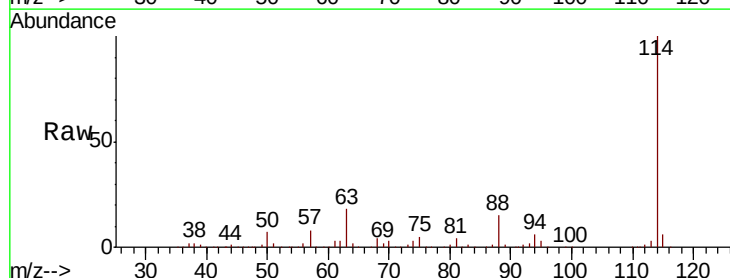
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

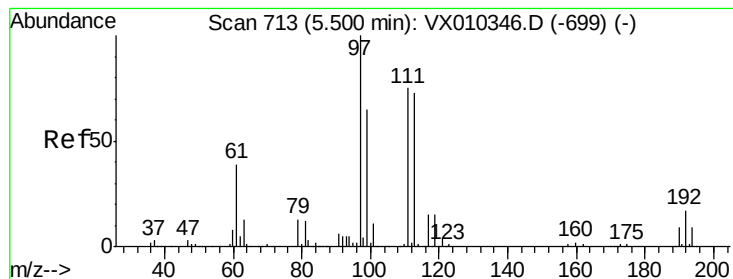
Tot Ion: 65 Resp: 112098
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Tgt Ion: 114 Resp: 353333
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.9 0.0 27.6





#35

Dibromofluoromethane

Concen: 49.634 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

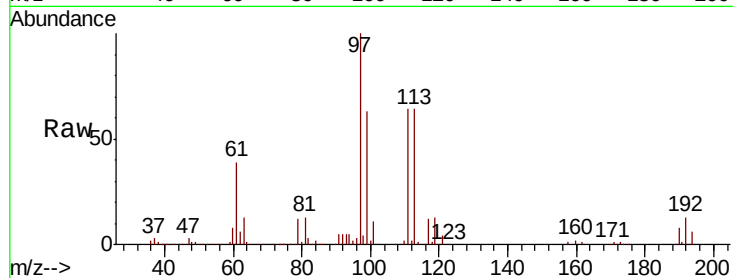
Tot Ion:113 Resp: 107299

Ion Ratio Lower Upper

113 100

111 100.7 81.2 121.8

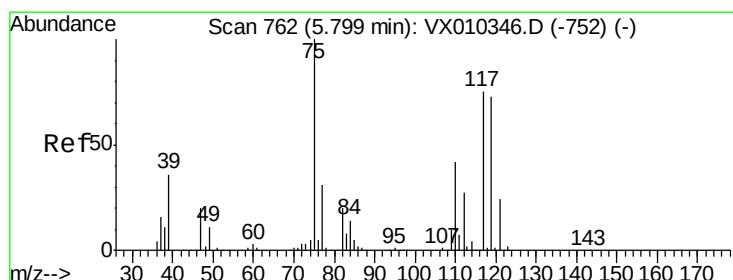
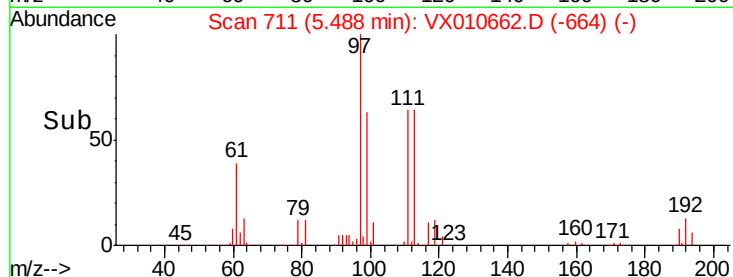
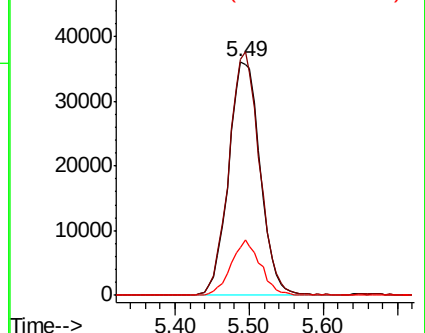
192 22.1 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.941 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

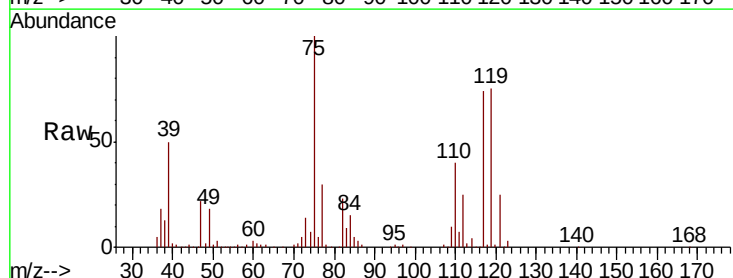
Tgt Ion: 75 Resp: 143030

Ion Ratio Lower Upper

75 100

110 40.8 20.8 62.2

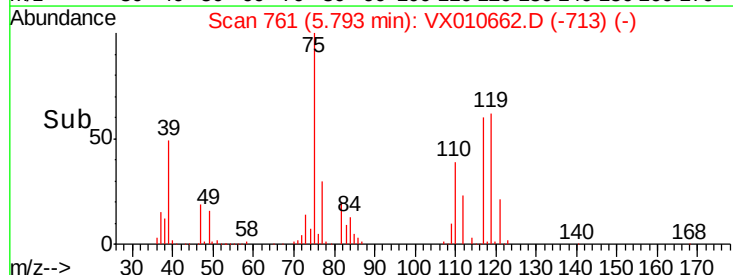
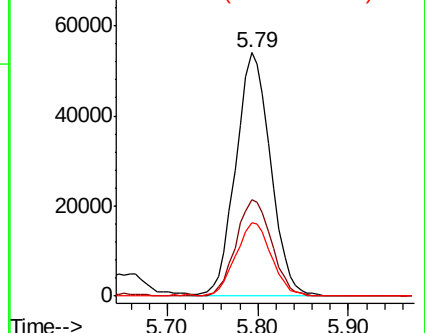
77 31.0 25.4 38.0

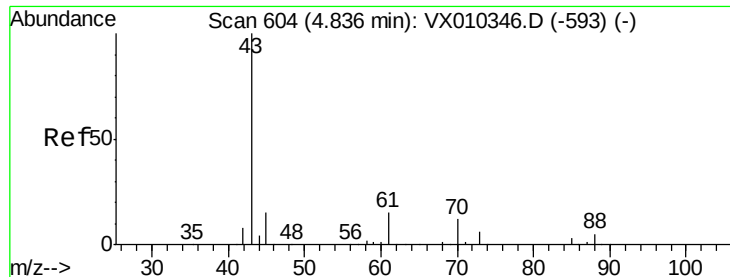


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.014 ug/l

RT: 4.82 min Scan# 602

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

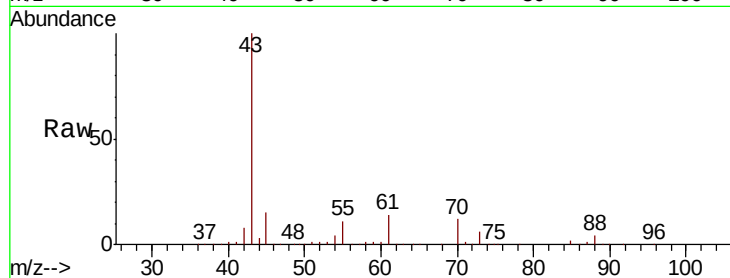
Tot Ion: 43 Resp: 147356

Ion Ratio Lower Upper

43 100

61 14.7 12.4 18.6

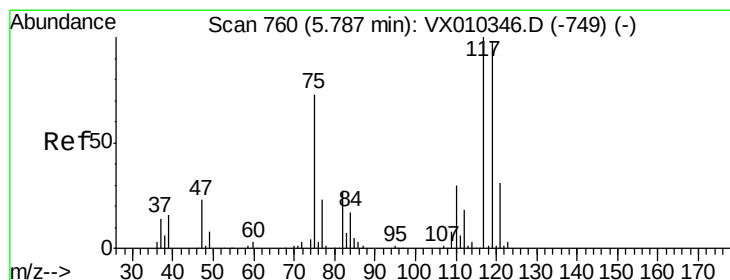
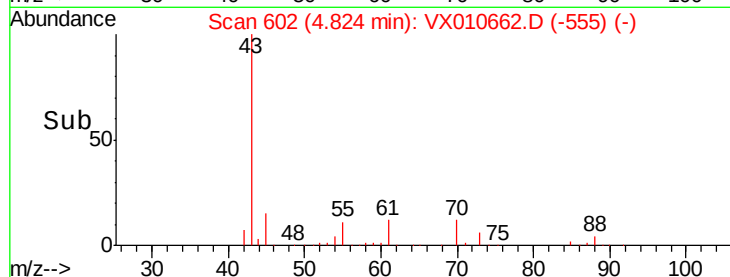
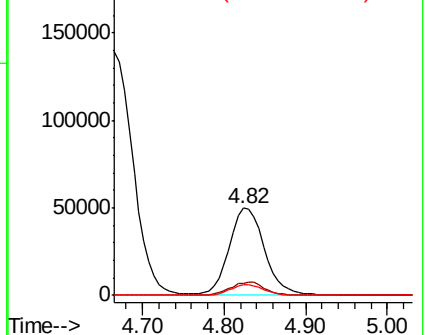
70 11.9 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.008 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

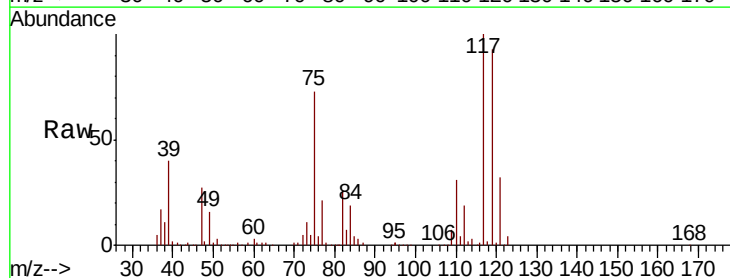
Tgt Ion: 117 Resp: 152047

Ion Ratio Lower Upper

117 100

119 93.3 78.2 117.4

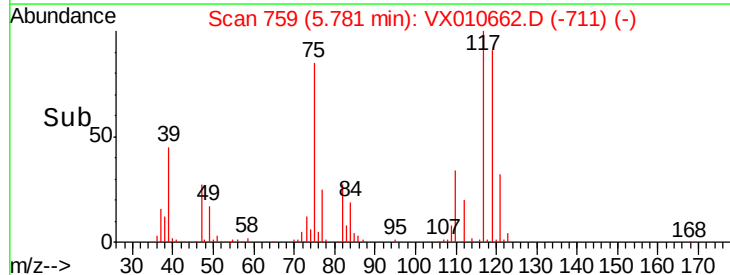
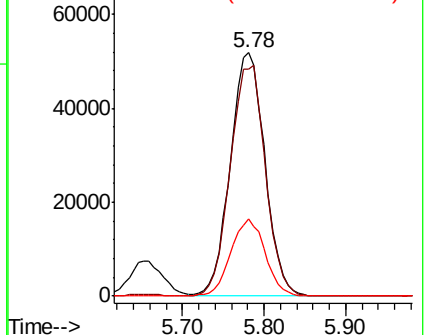
121 31.8 24.7 37.1

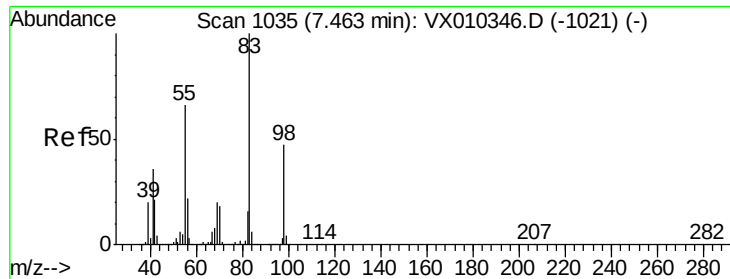


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

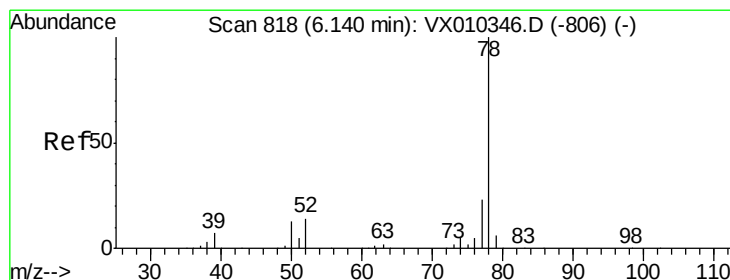
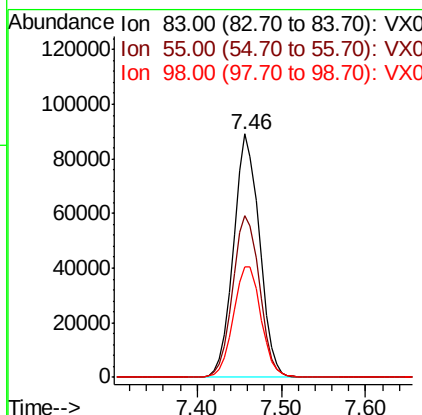
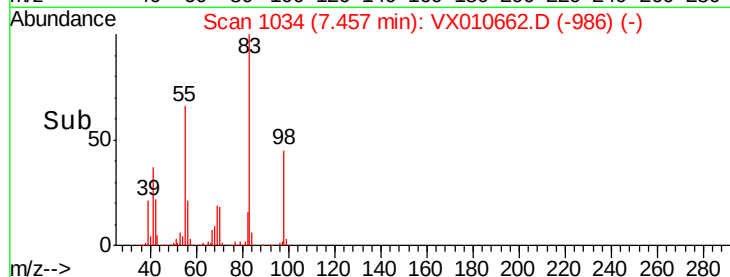
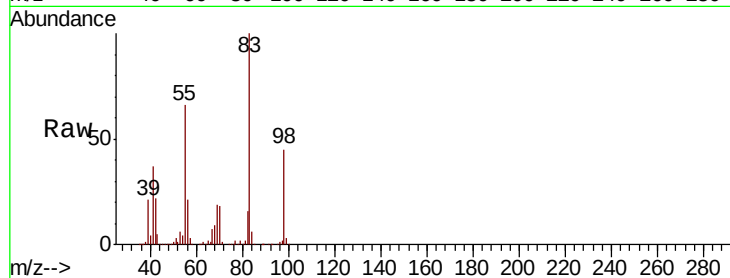




#39
Methylvlcyclohexane
Concen: 50.168 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

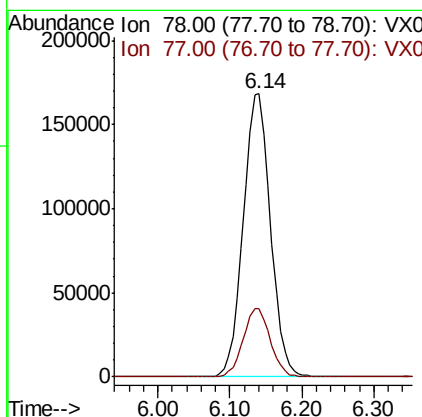
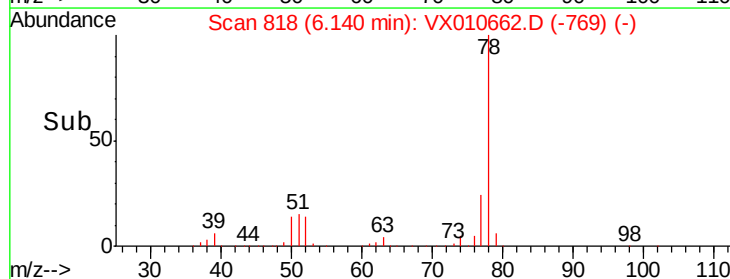
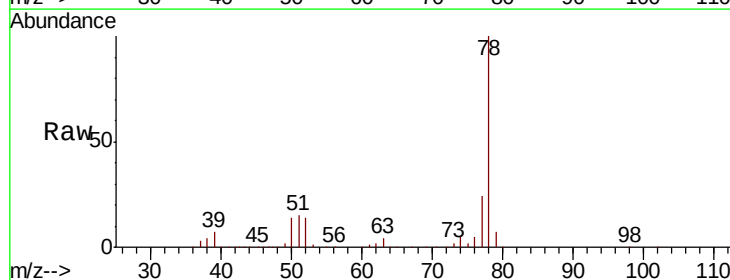
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

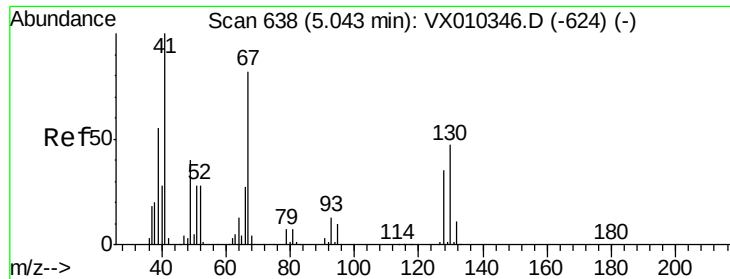
Tot Ion: 83 Resp: 185159
Ion Ratio Lower Upper
83 100
55 66.2 53.0 79.6
98 45.4 37.8 56.8



#40
Benzene
Concen: 50.442 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 78 Resp: 441244
Ion Ratio Lower Upper
78 100
77 24.1 18.6 28.0

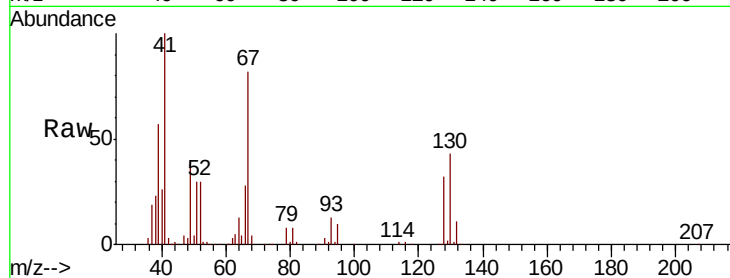




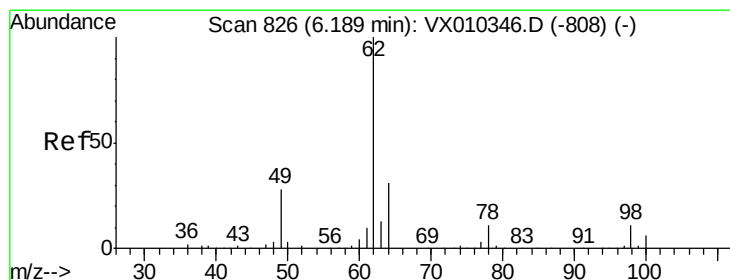
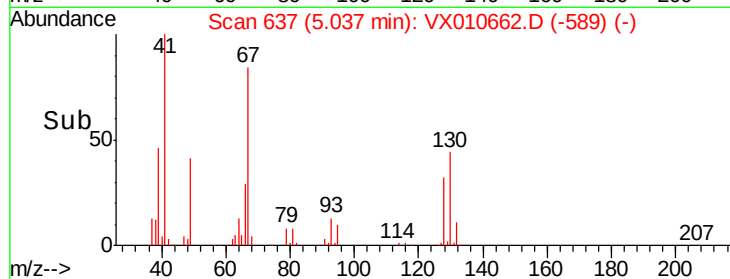
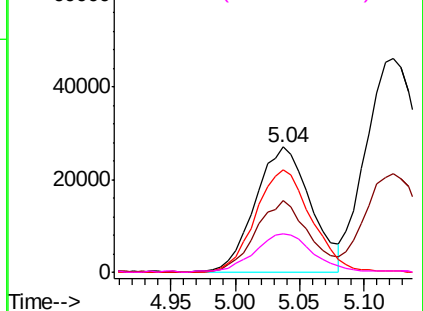
#41
Methacrylonitrile
Concen: 51.355 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	81391
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.8	65.8
67	81.6	66.6	100.0
52	30.8	24.5	36.7

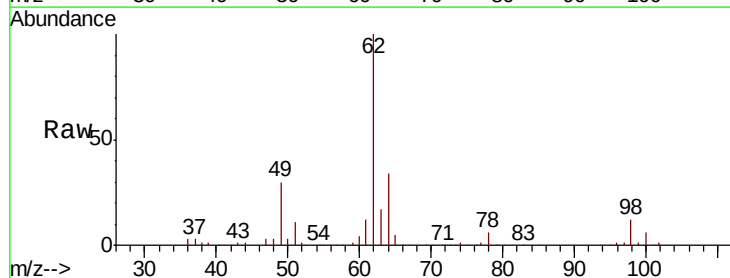


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

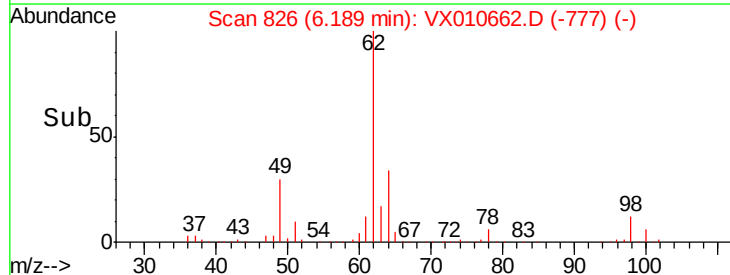
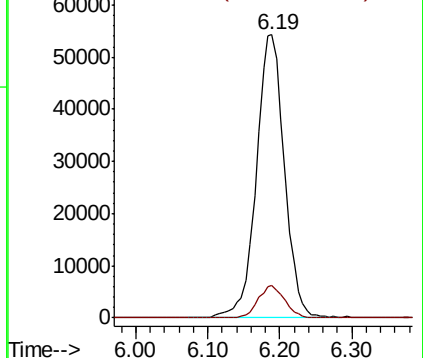


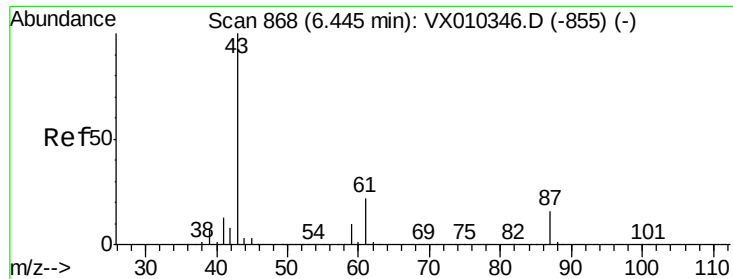
#42
1,2-Dichloroethane
Concen: 54.789 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion:	62	Resp:	145889
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.2



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





#43

Isopropyl Acetate

Concen: 50.829 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

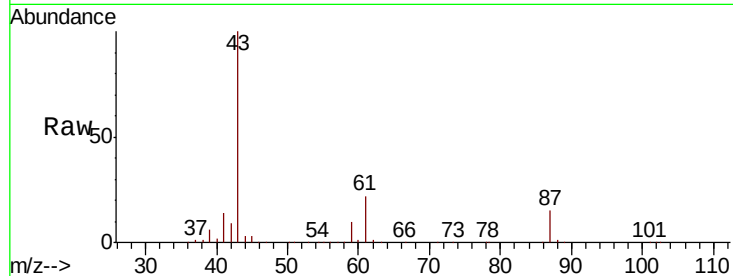
Tot Ion: 43 Resp: 242912

Ion Ratio Lower Upper

43 100

61 21.4 17.8 26.6

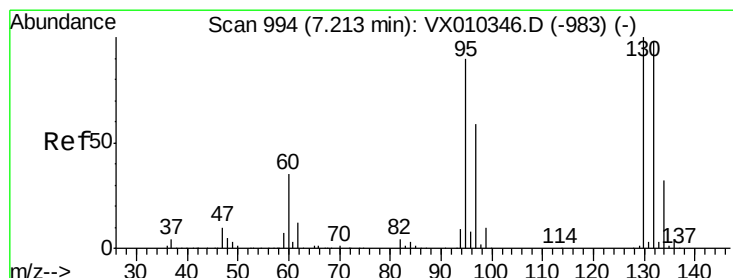
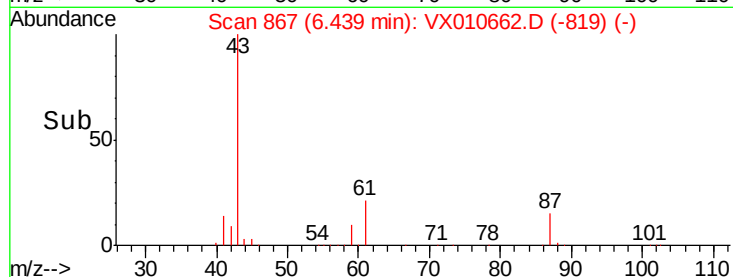
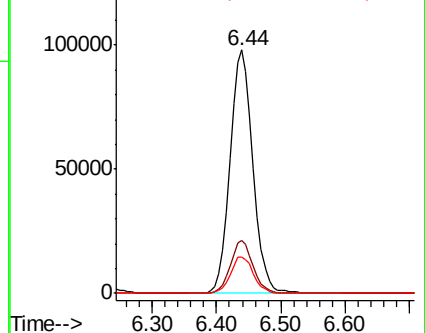
87 15.2 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.956 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX010662.D

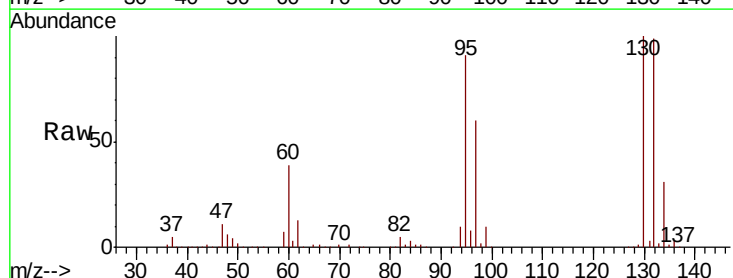
Acq: 04 Jul 2019 02:05

Tgt Ion:130 Resp: 130759

Ion Ratio Lower Upper

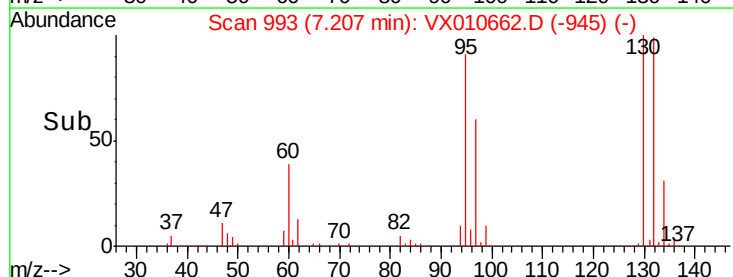
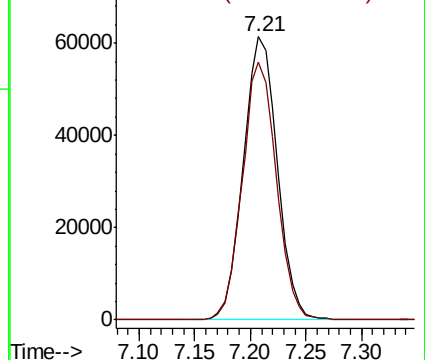
130 100

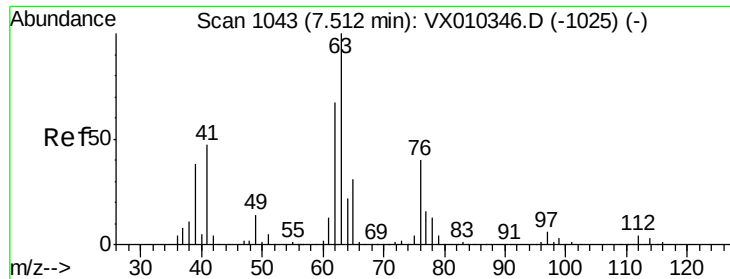
95 91.2 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

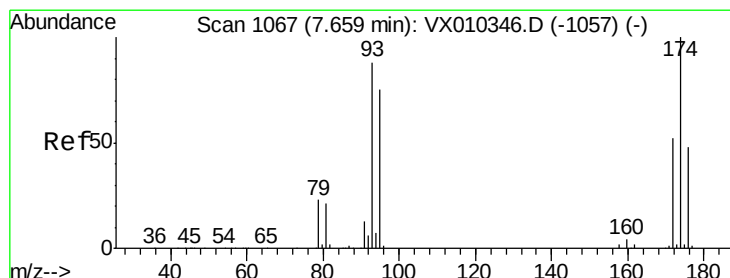
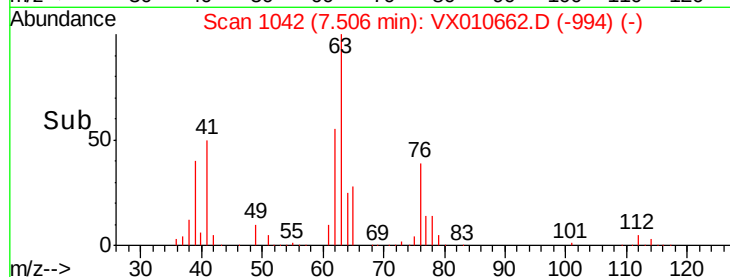
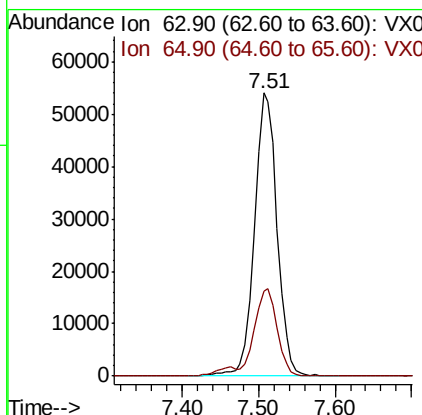
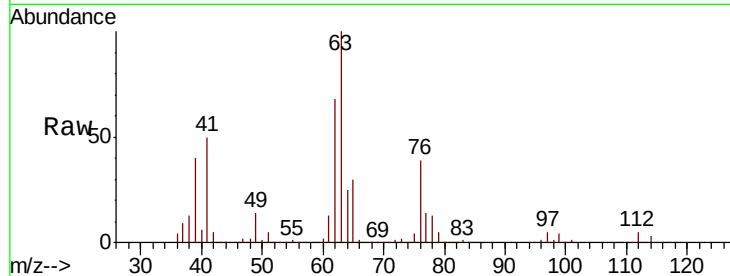




#45
1,2-Dichloropropane
Concen: 50.380 ug/l
RT: 7.51 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

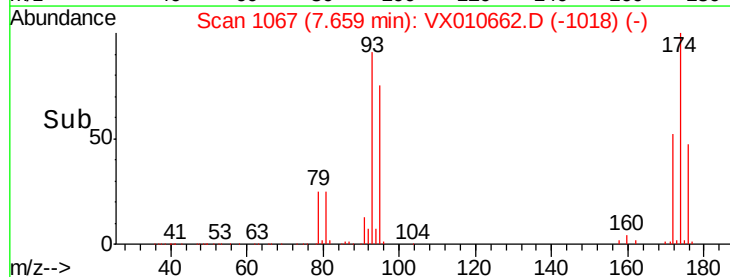
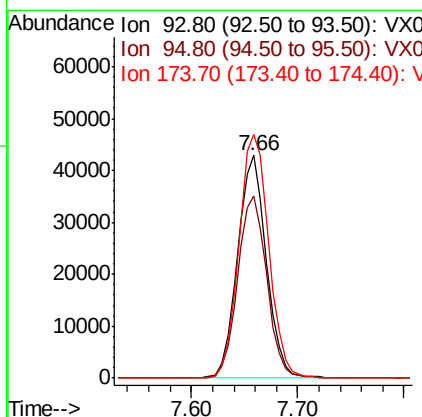
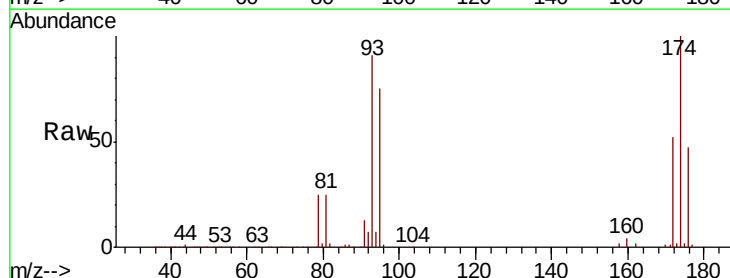
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

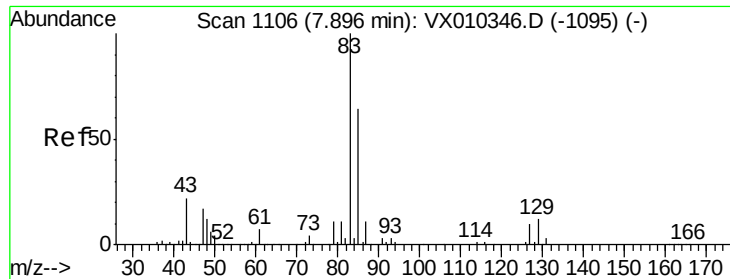
Tot Ion: 63 Resp: 111290
Ion Ratio Lower Upper
63 100
65 29.9 24.8 37.2



#46
Dibromomethane
Concen: 51.363 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 93 Resp: 81405
Ion Ratio Lower Upper
93 100
95 83.2 67.5 101.3
174 113.3 95.8 143.6





#47

Bromodichloromethane

Concen: 50.765 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

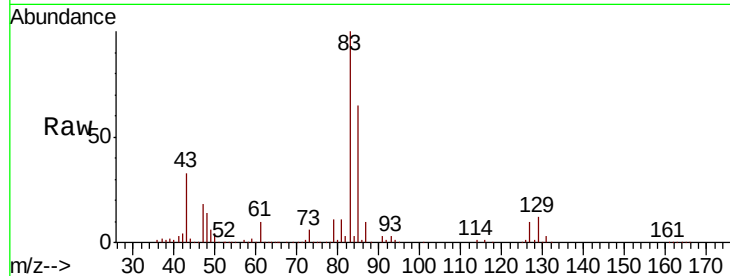
Tot Ion: 83 Resp: 147449

Ion Ratio Lower Upper

83 100

85 64.6 51.5 77.3

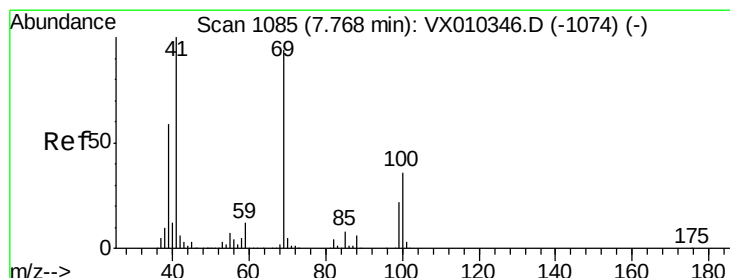
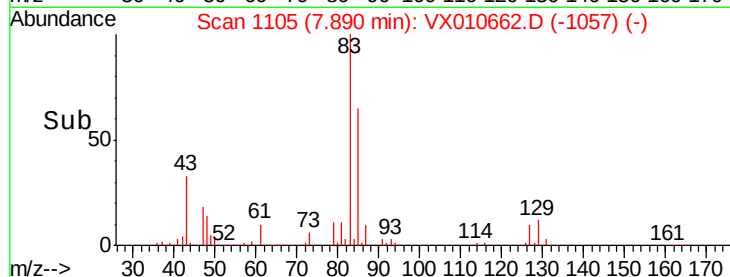
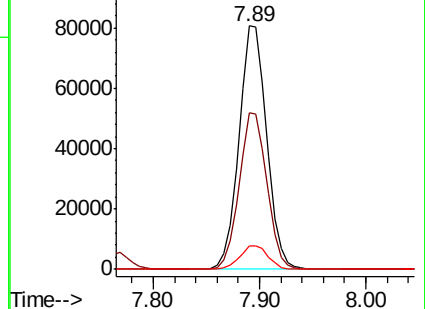
127 9.5 7.8 11.8



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: 53.099 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

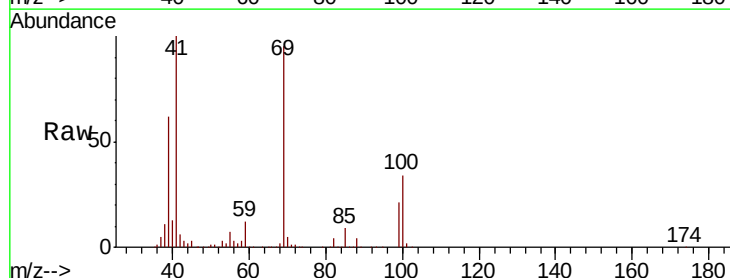
Tgt Ion: 41 Resp: 117952

Ion Ratio Lower Upper

41 100

69 91.9 76.1 114.1

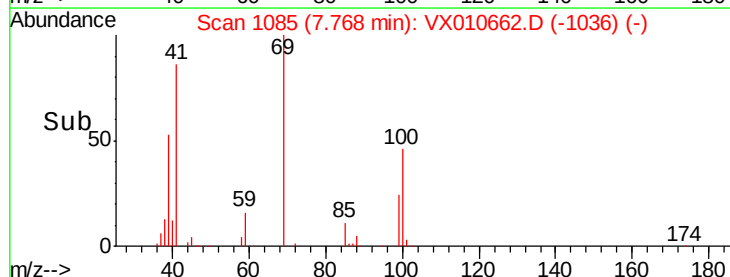
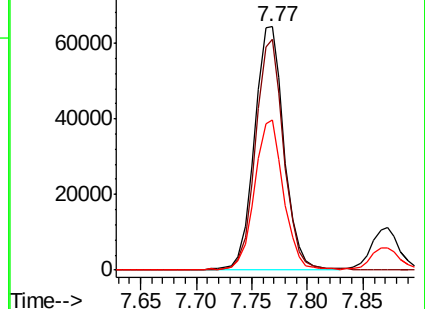
39 60.1 47.6 71.4

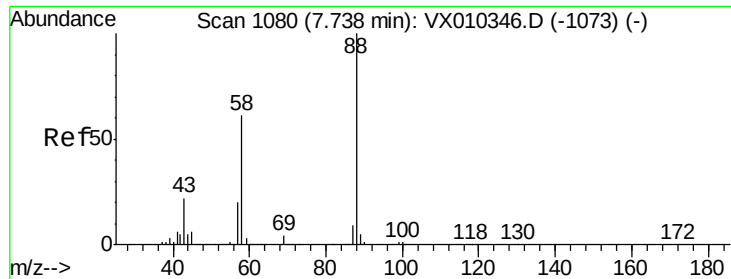


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

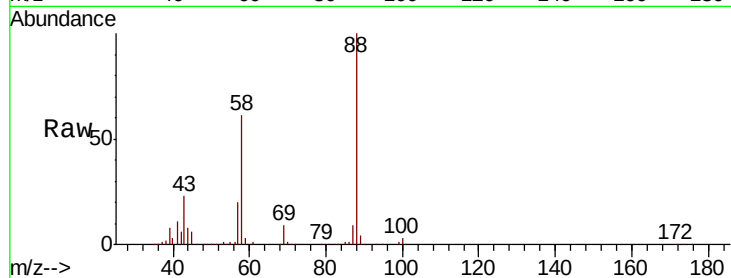




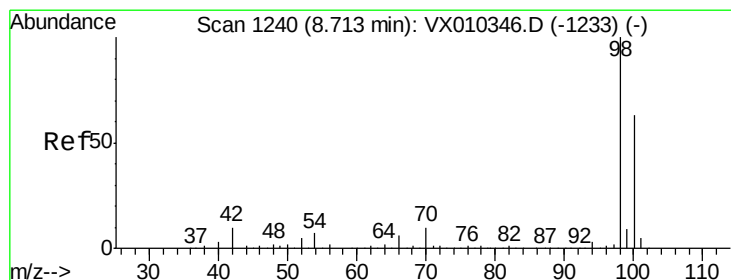
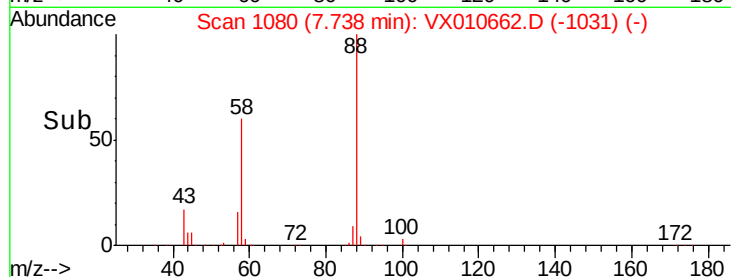
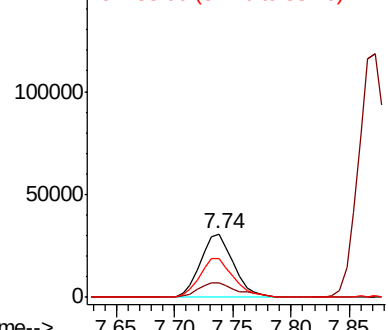
#49
1,4-Dioxane
Concen: 958.783 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 61354
Ion Ratio Lower Upper
88 100
43 26.2 20.2 30.2
58 62.3 49.5 74.3

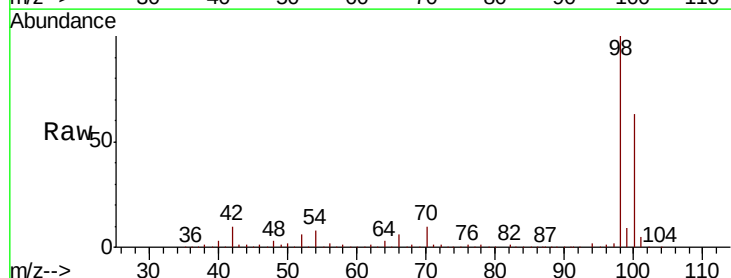


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

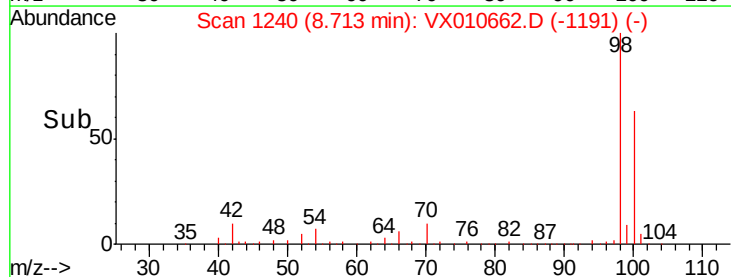
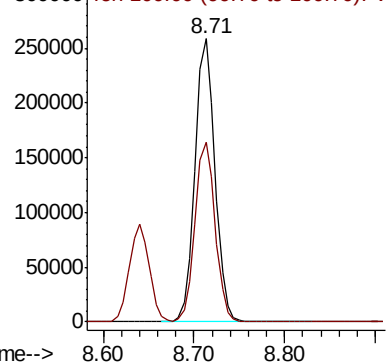


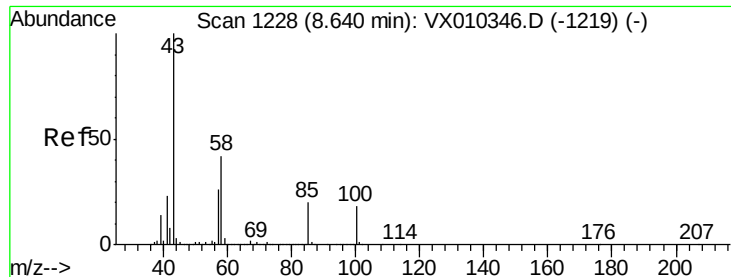
#50
Toluene-d8
Concen: 47.915 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 98 Resp: 396293
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 257.877 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

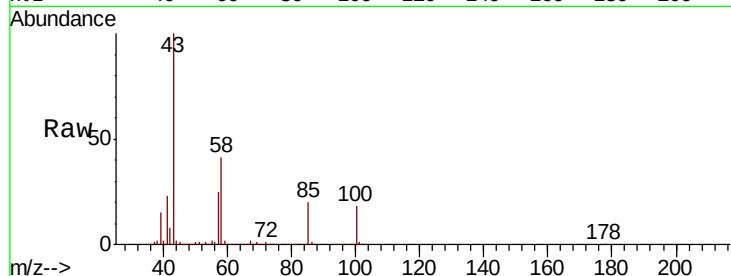
VSTDCCC050

Tot Ion: 43 Resp: 788194

Ion Ratio Lower Upper

43 100

58 40.8 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX010346.D (-1219) (-)

Ion 58.00 (57.70 to 58.70): VX010346.D (-1219) (-)

8.64

500000

400000

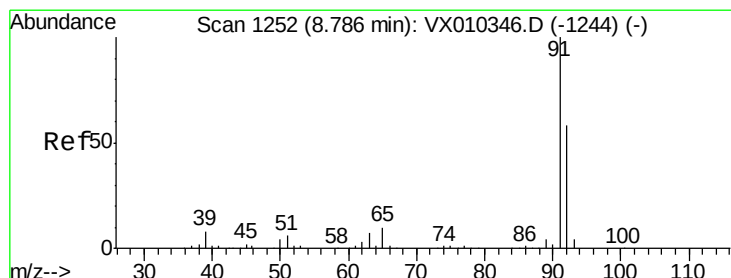
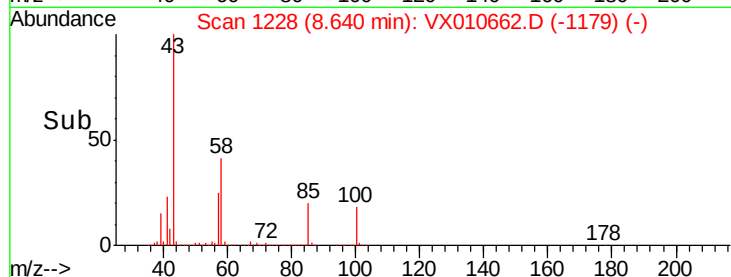
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.866 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010662.D

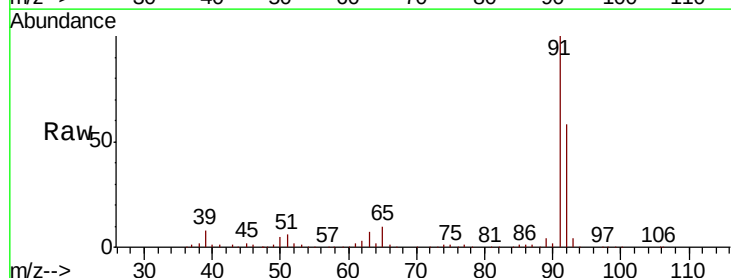
Acq: 04 Jul 2019 02:05

Tgt Ion: 92 Resp: 293019

Ion Ratio Lower Upper

92 100

91 174.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX010346.D (-1244) (-)

Ion 91.00 (90.70 to 91.70): VX010346.D (-1244) (-)

8.78

400000

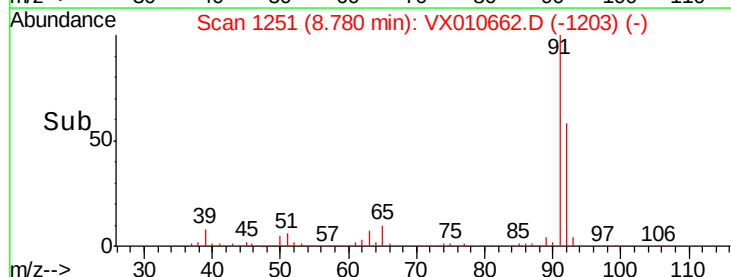
300000

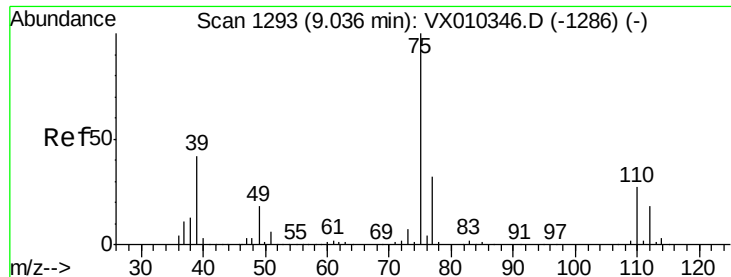
200000

100000

0

Time-->

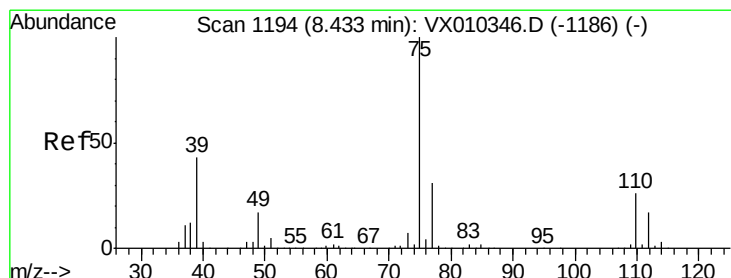
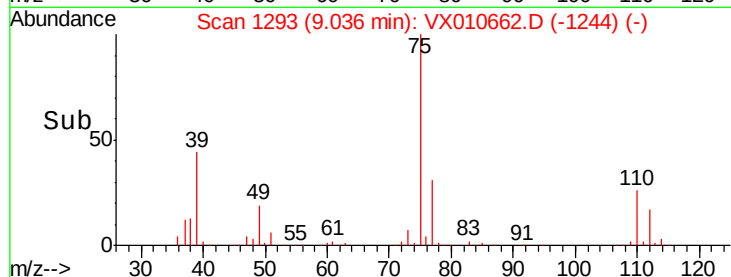
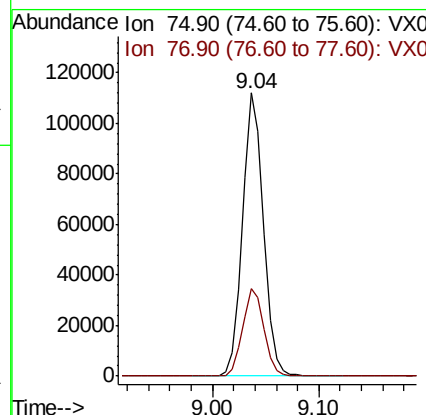
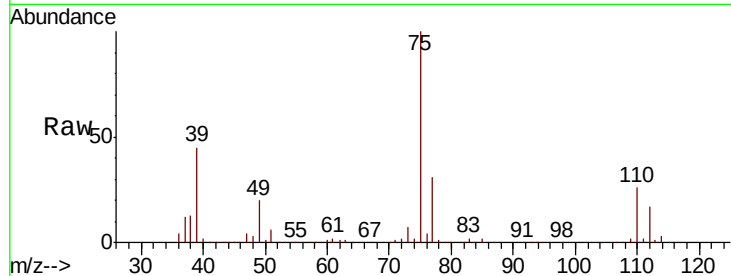




#53
t-1,3-Dichloropropene
Concen: 47.540 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

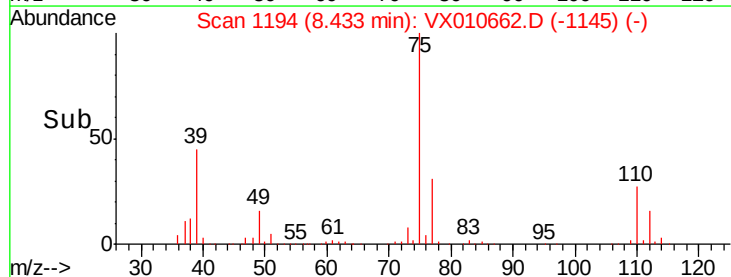
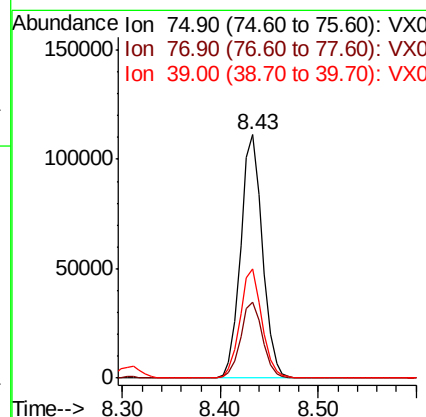
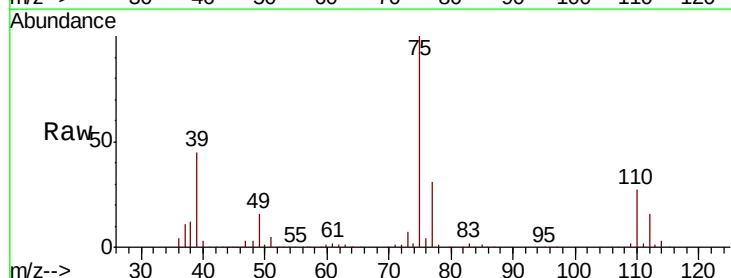
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

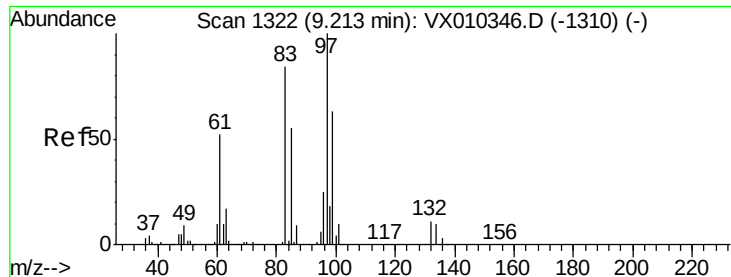
Tot Ion: 75 Resp: 154810
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 48.663 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 75 Resp: 172207
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 44.5 34.5 51.7



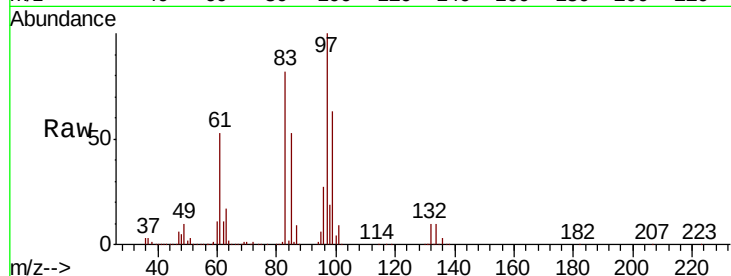


#55
 1,1,2-Trichloroethane
 Concen: 51.107 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 121419

Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.4	101.0
85	53.0	43.8	65.8
99	63.4	50.3	75.5



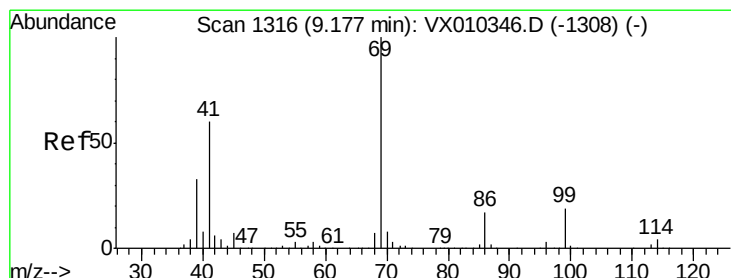
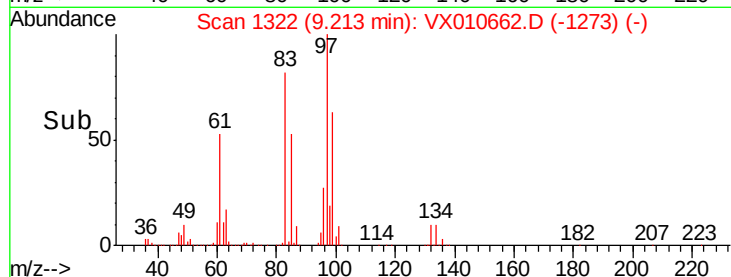
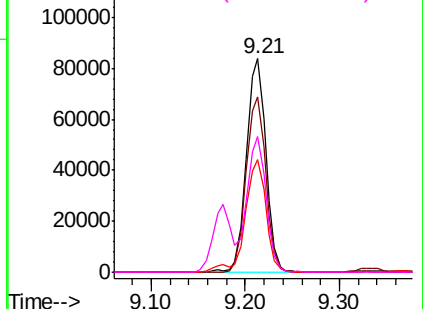
Abundance

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

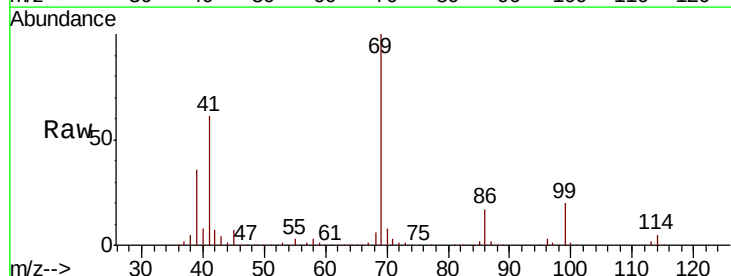
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 51.148 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Tgt Ion: 69 Resp: 184080

Ion	Ratio	Lower	Upper
69	100		
41	62.4	47.1	70.7
39	36.7	26.6	40.0

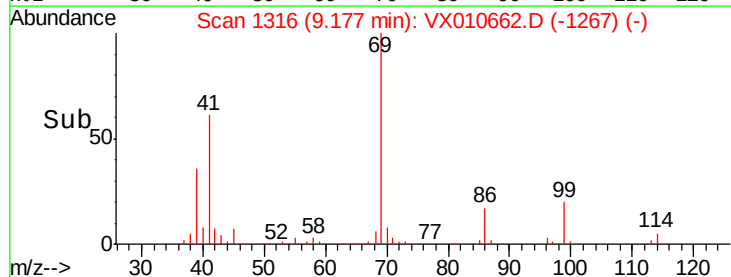
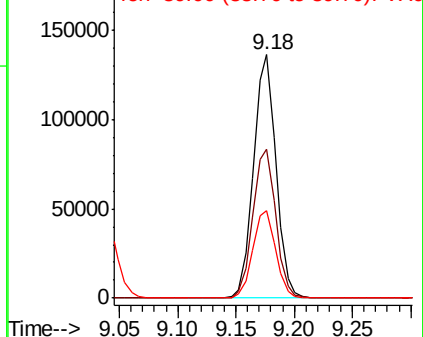


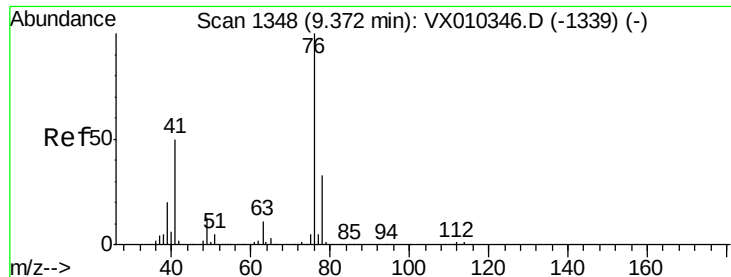
Abundance

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: 50.995 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

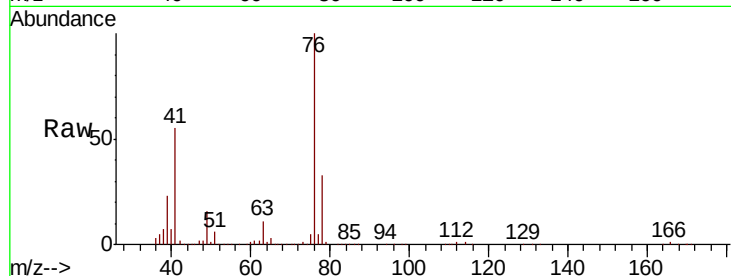
VSTDCCC050

Tot Ion: 76 Resp: 188065

Ion Ratio Lower Upper

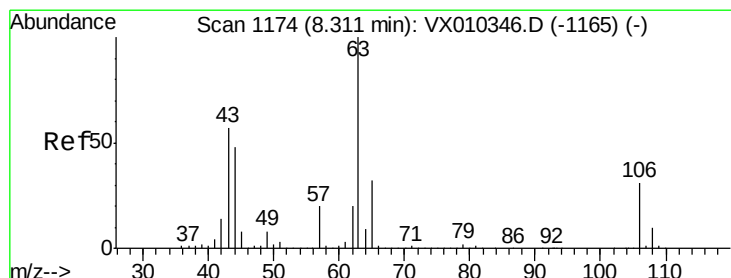
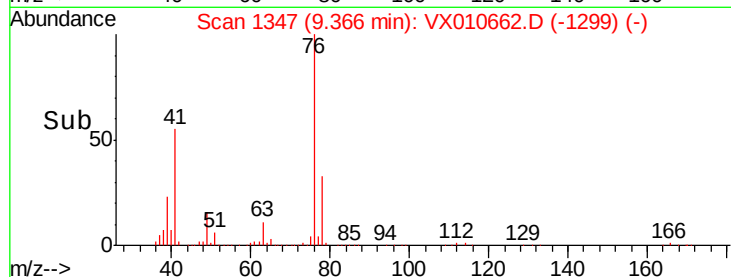
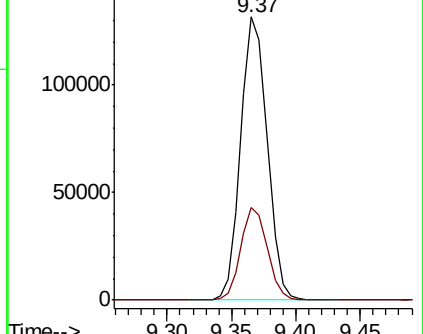
76 100

78 32.5 26.1 39.1



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: 235.232 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010662.D

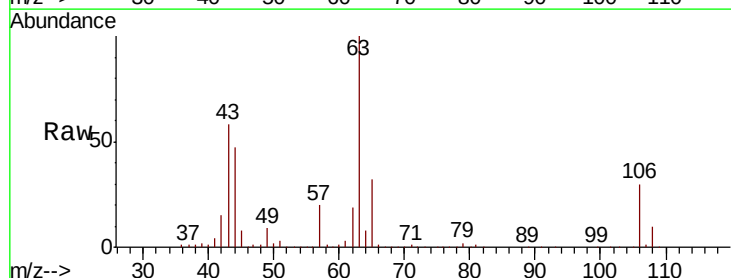
Acq: 04 Jul 2019 02:05

Tgt Ion: 63 Resp: 402074

Ion Ratio Lower Upper

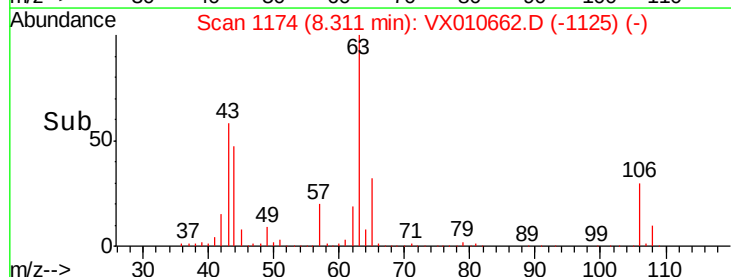
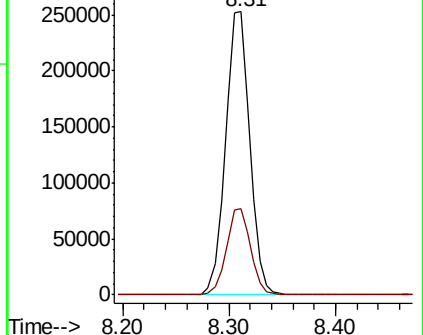
63 100

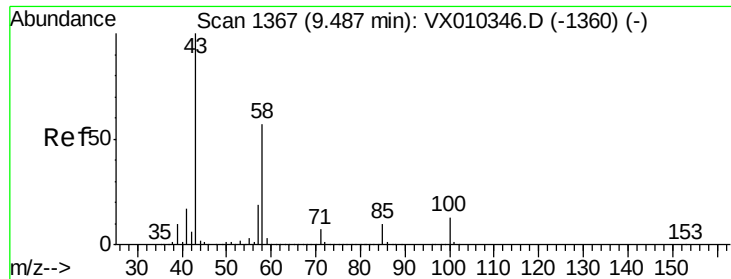
106 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

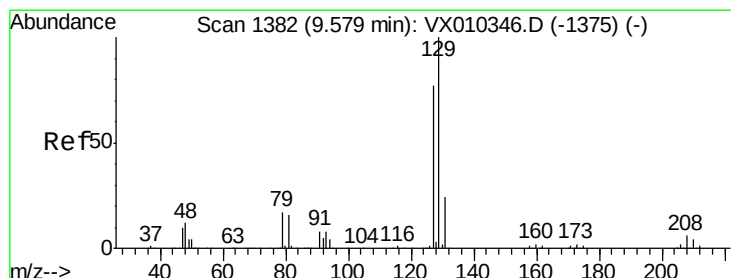
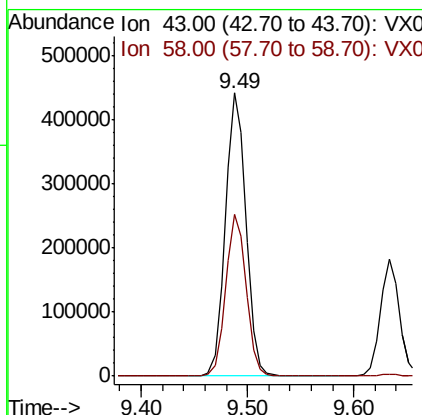
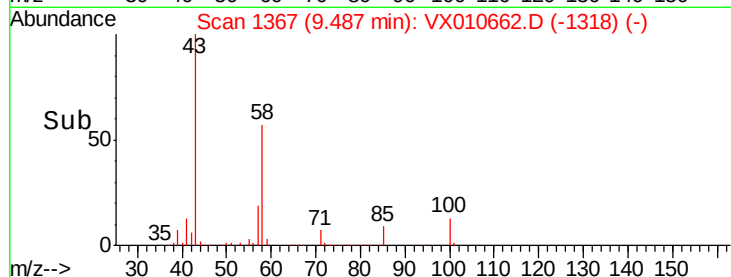
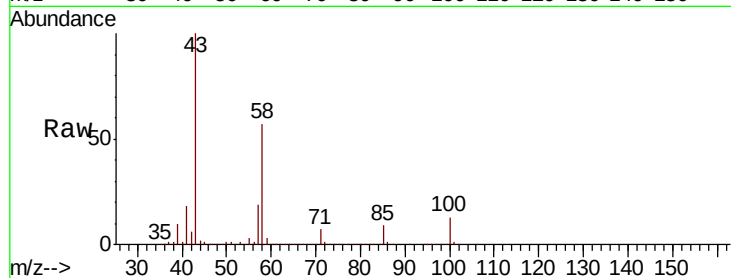




#59
2-Hexanone
Concen: 248.655 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

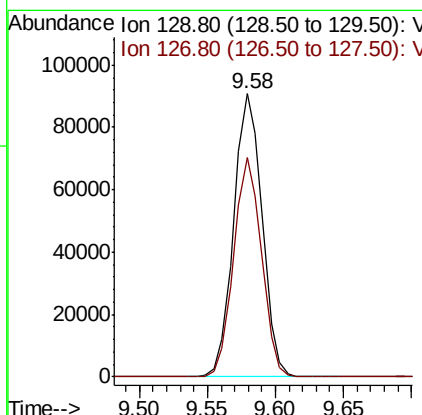
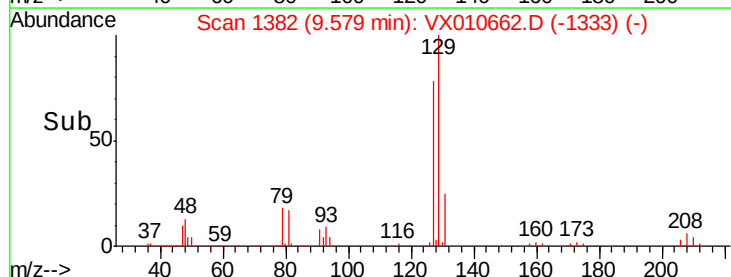
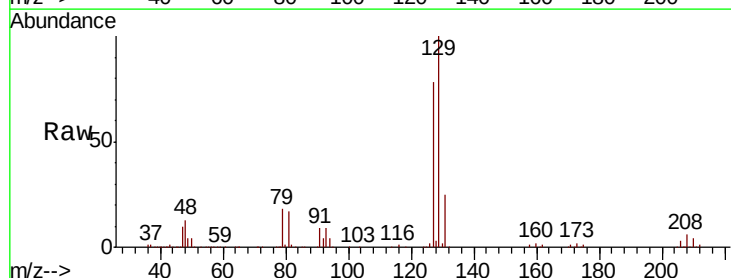
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

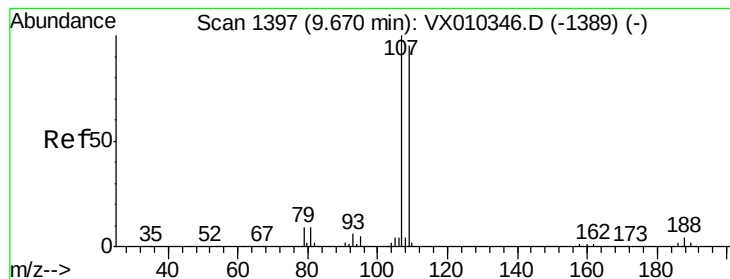
Tot Ion: 43 Resp: 598155
Ion Ratio Lower Upper
43 100
58 56.7 29.0 87.1



#60
Dibromochloromethane
Concen: 49.513 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 129 Resp: 131710
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 51.139 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

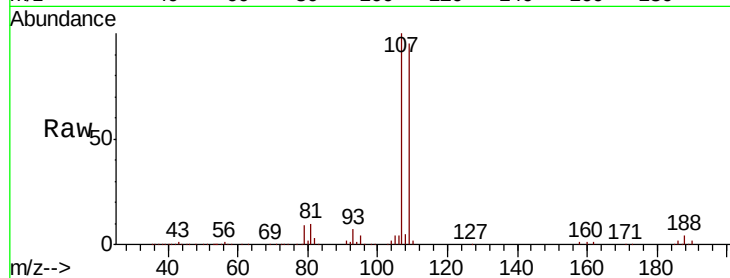
VSTDCCC050

Tot Ion:107 Resp: 131139

Ion Ratio Lower Upper

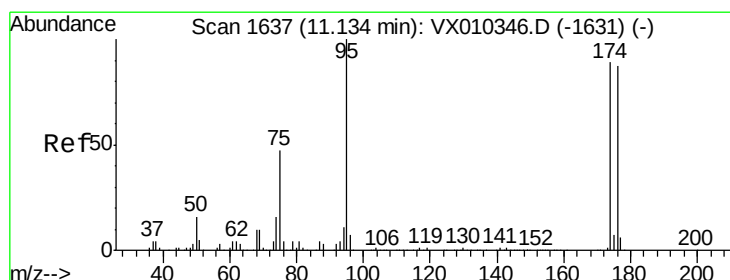
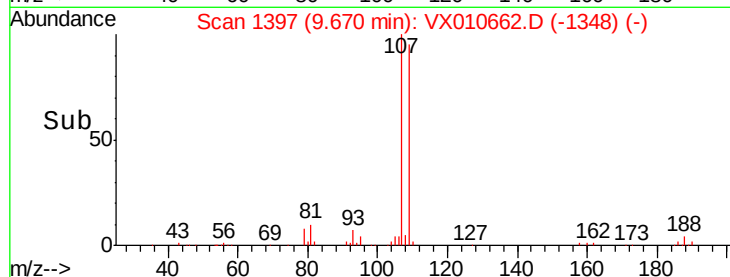
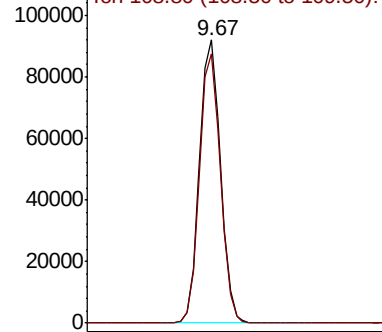
107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.657 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

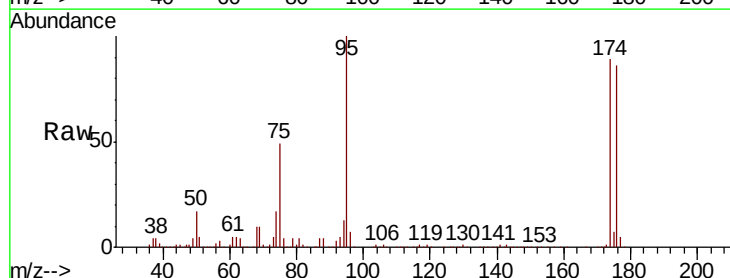
Tgt Ion: 95 Resp: 148275

Ion Ratio Lower Upper

95 100

174 92.0 0.0 187.6

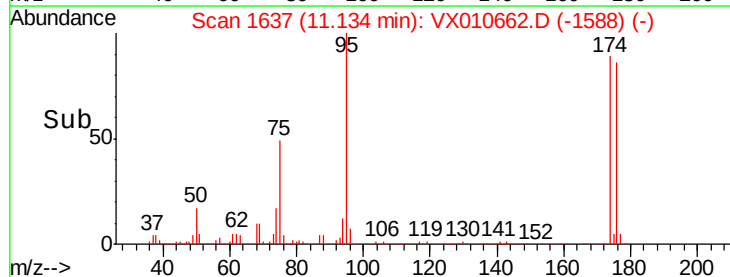
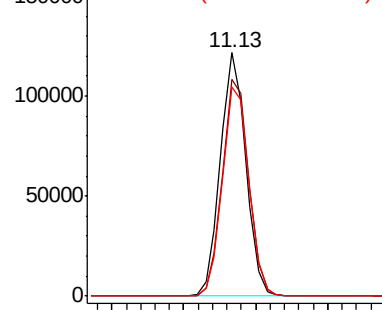
176 89.4 0.0 184.0

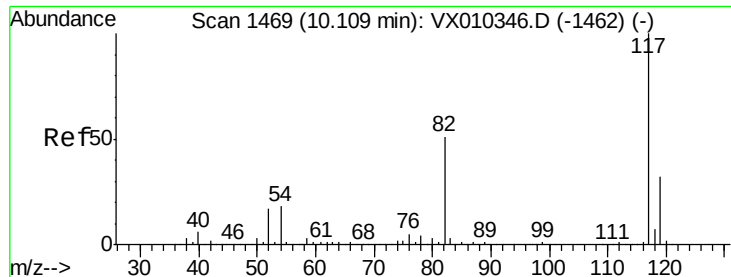


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

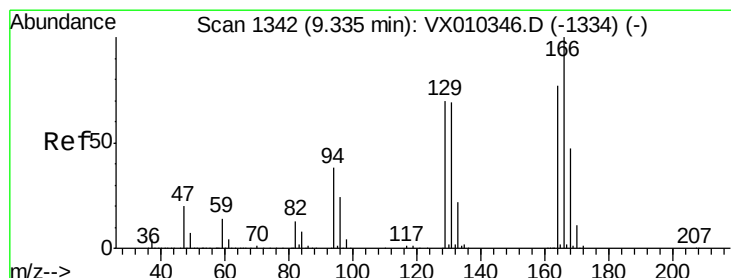
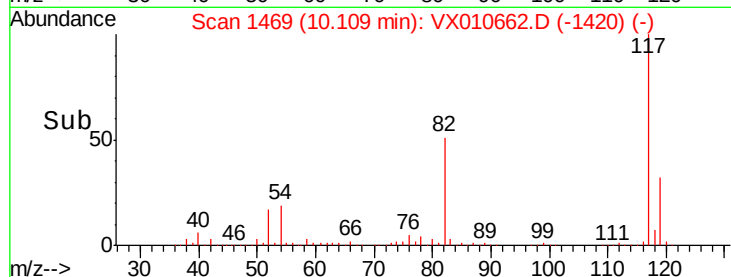
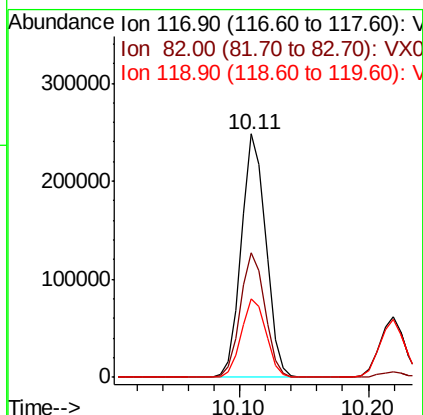
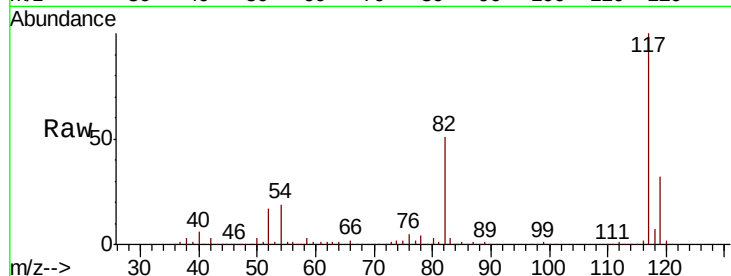




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

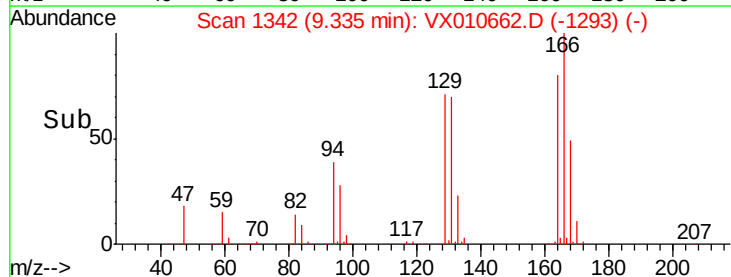
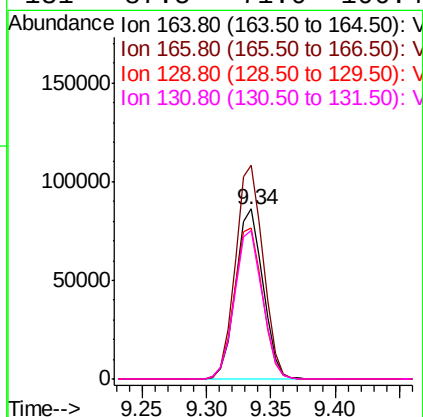
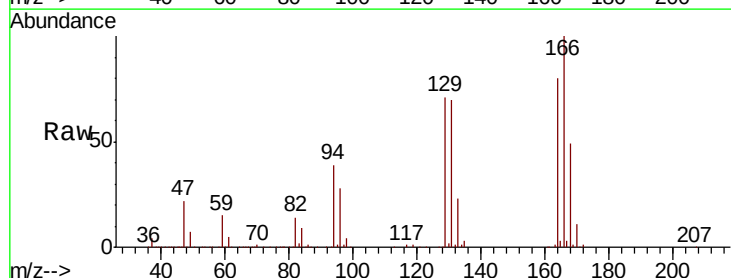
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

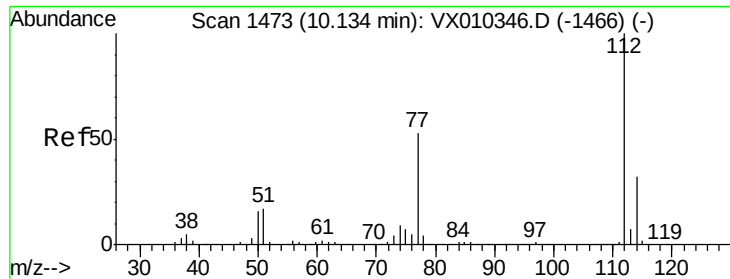
Tot Ion:117 Resp: 326609
Ion Ratio Lower Upper
117 100
82 51.4 41.2 61.8
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 48.169 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion:164 Resp: 127248
Ion Ratio Lower Upper
164 100
166 125.5 103.6 155.4
129 89.0 73.0 109.4
131 87.5 71.0 106.4

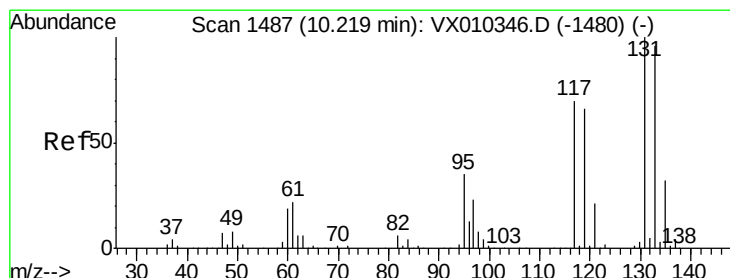
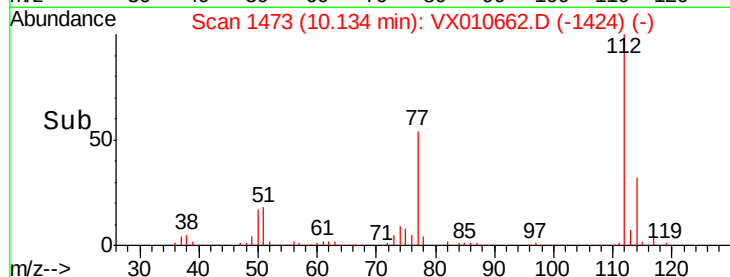
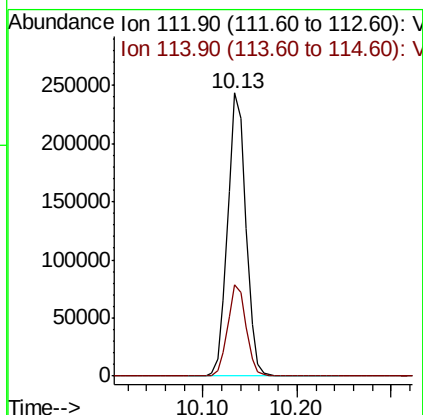
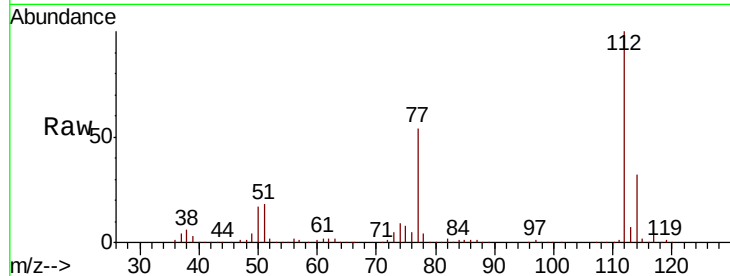




#65
Chlorobenzene
Concen: 49.451 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

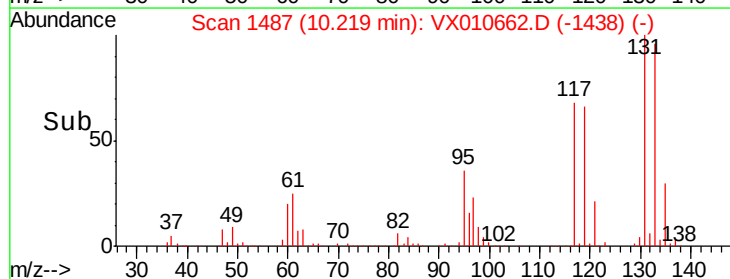
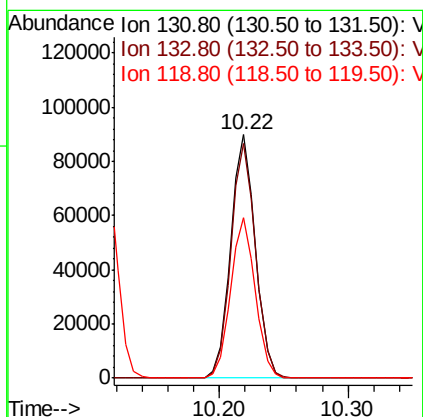
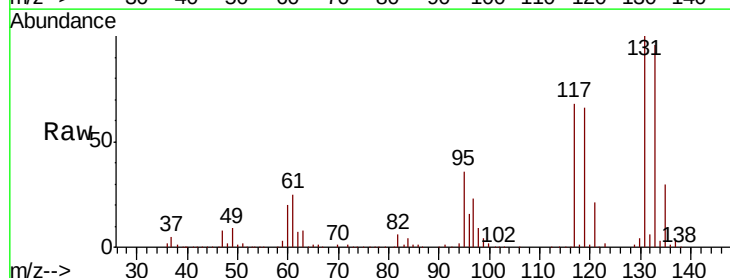
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

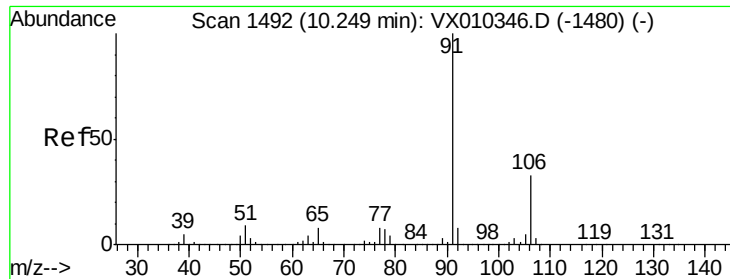
Tot Ion:112 Resp: 327901
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.691 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion:131 Resp: 120018
Ion Ratio Lower Upper
131 100
133 96.5 47.7 143.1
119 66.0 32.6 97.7

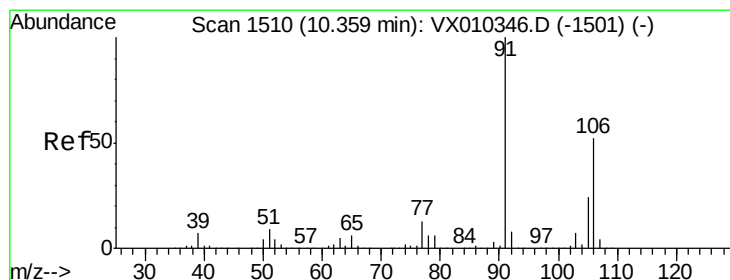
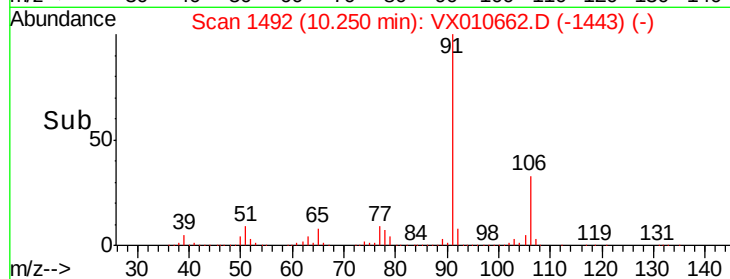
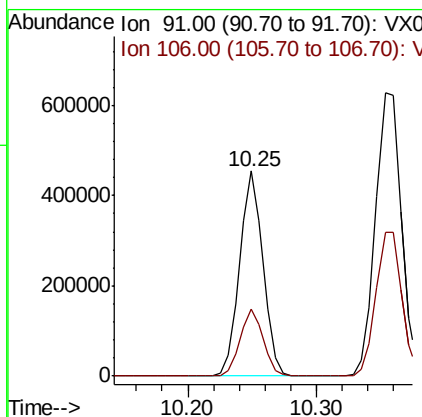
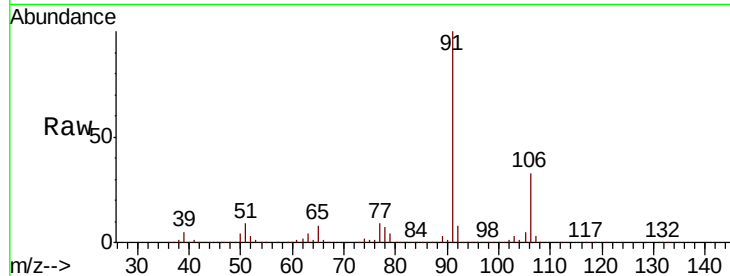




#67
Ethyl Benzene
Concen: 50.897 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

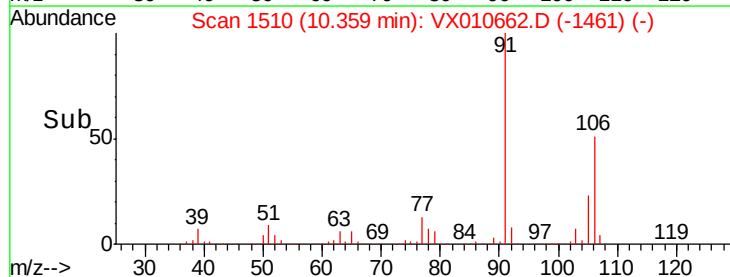
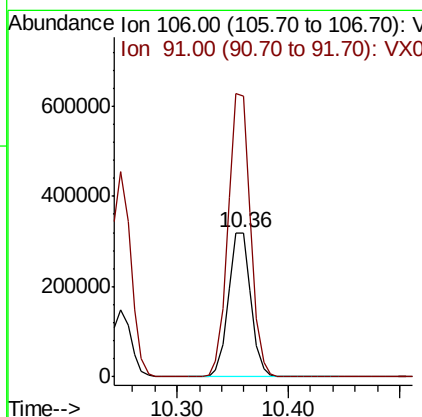
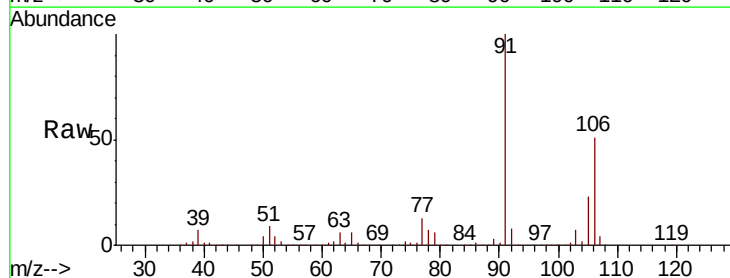
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

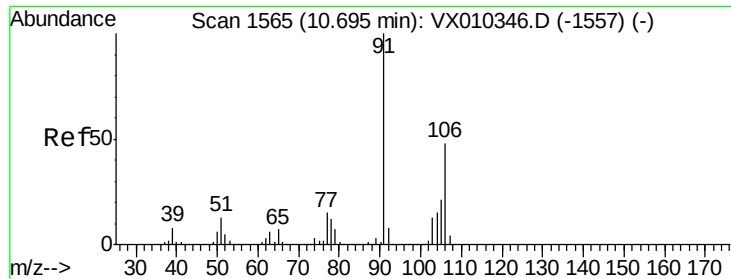
Tot Ion: 91 Resp: 569749
Ion Ratio Lower Upper
91 100
106 32.8 26.2 39.2



#68
m/p-Xylenes
Concen: 102.085 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 106 Resp: 442794
Ion Ratio Lower Upper
106 100
91 196.4 155.3 232.9

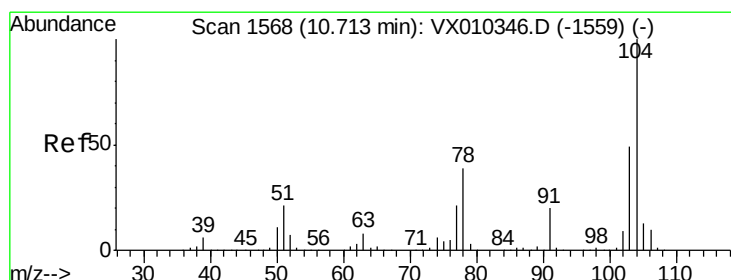
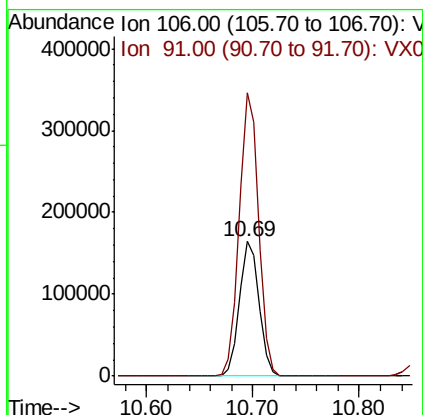
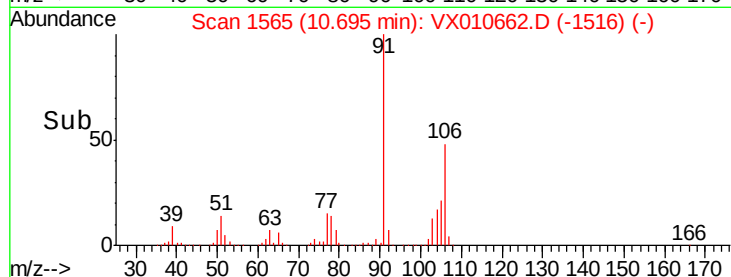
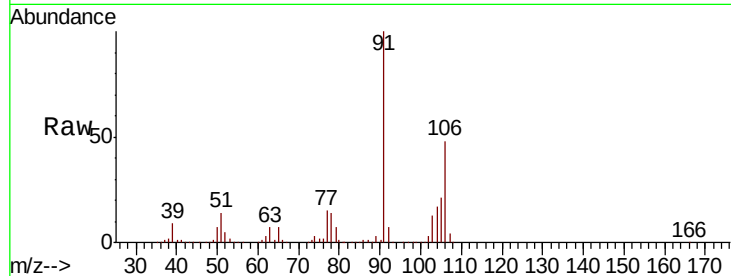




#69
o-Xylene
Concen: 50.027 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

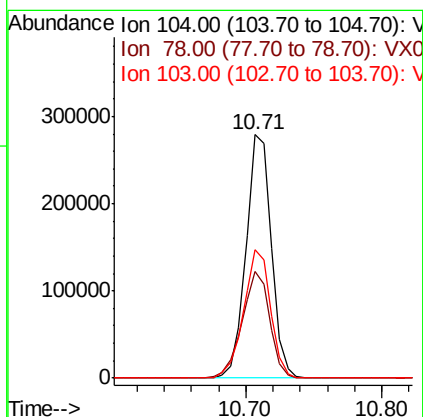
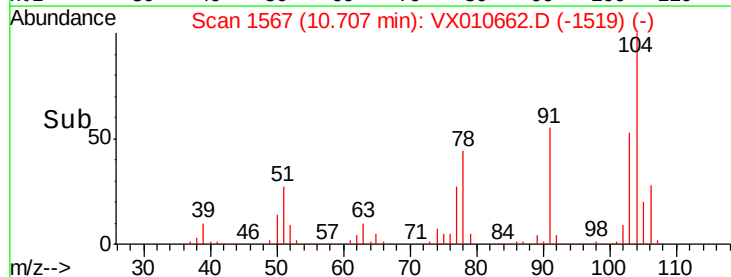
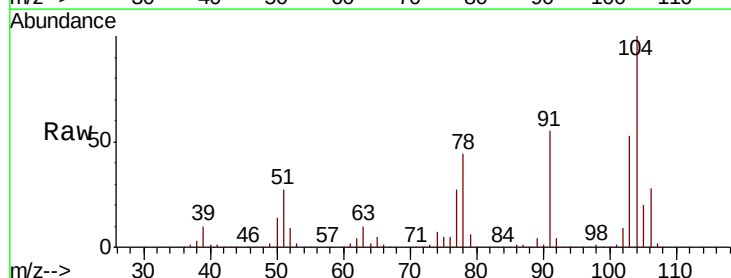
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

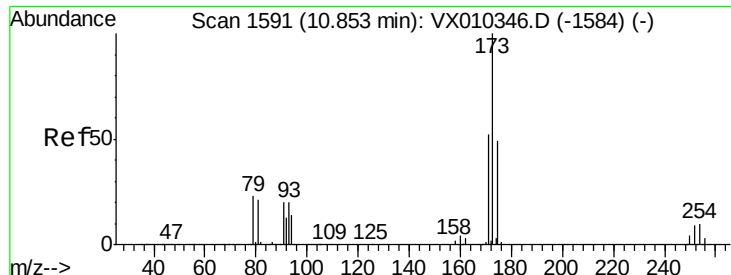
Tot Ion:106 Resp: 213393
Ion Ratio Lower Upper
106 100
91 208.2 102.7 308.1



#70
Styrene
Concen: 51.008 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion:104 Resp: 364882
Ion Ratio Lower Upper
104 100
78 47.4 36.2 54.2
103 55.8 44.2 66.4





#71

Bromoform

Concen: 46.936 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

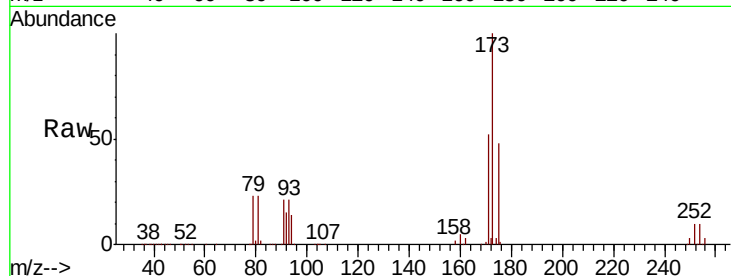
Tot Ion:173 Resp: 98584

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.3

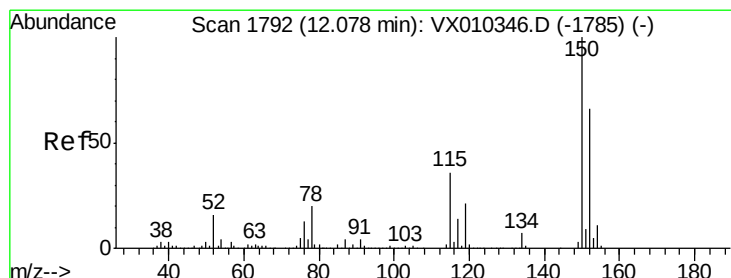
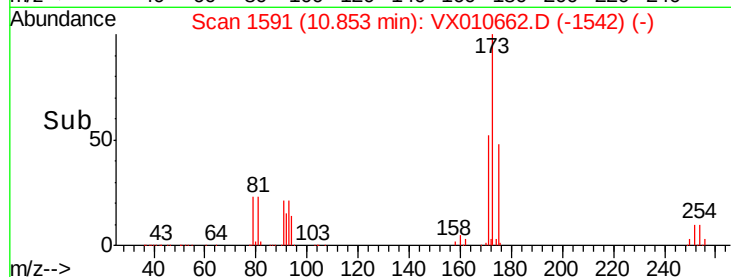
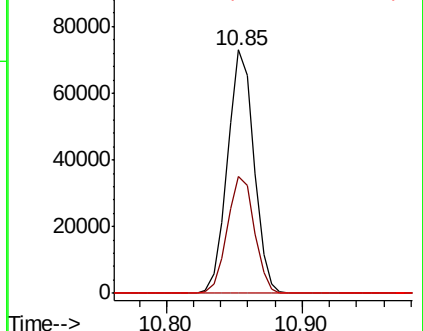
254 0.1 0.2 0.2#



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: VX010662.D

Acq: 04 Jul 2019 02:05

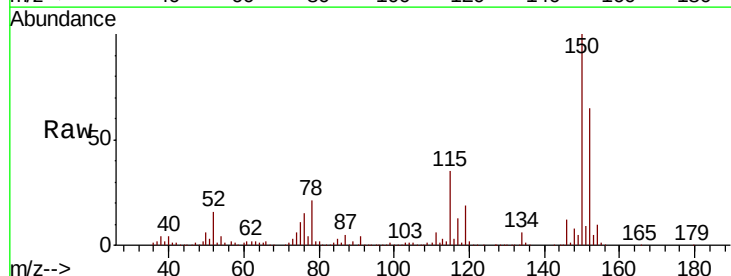
Tgt Ion:152 Resp: 174533

Ion Ratio Lower Upper

152 100

115 78.1 38.6 115.7

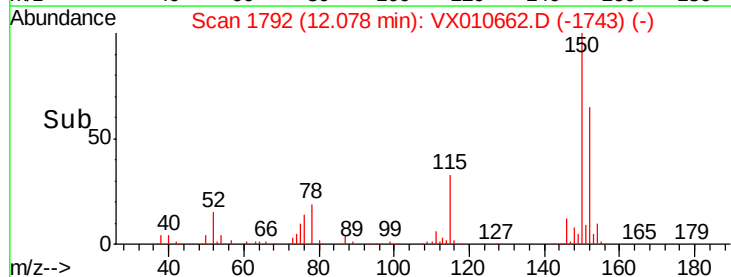
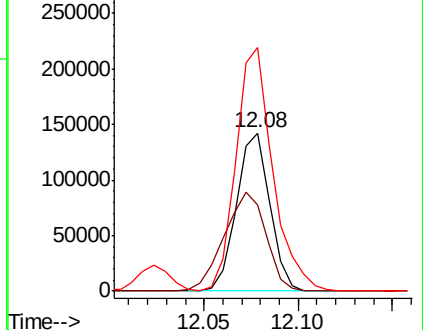
150 169.5 0.0 347.4

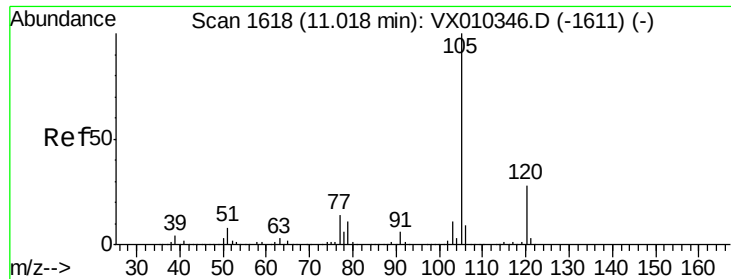


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.717 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

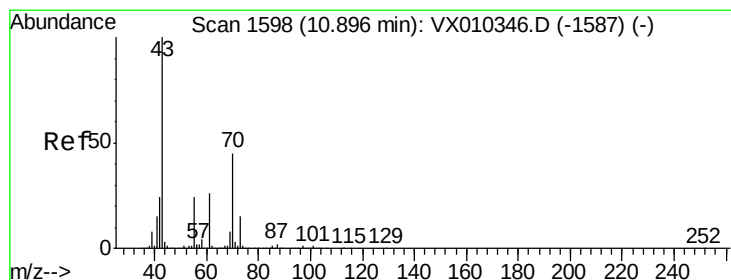
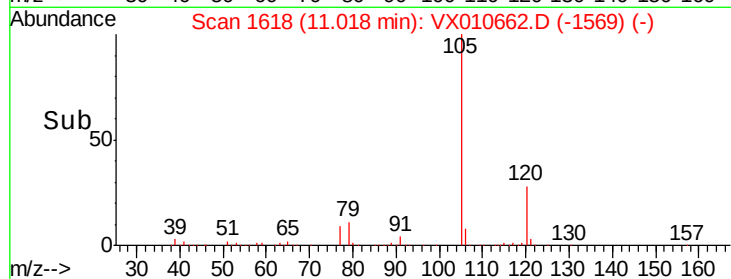
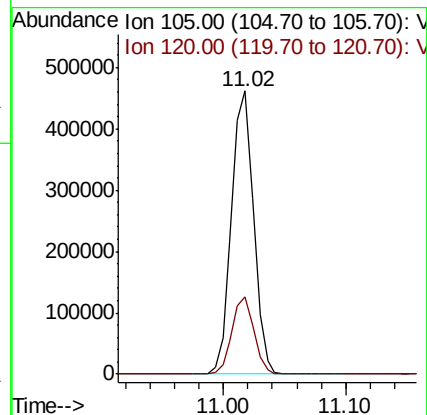
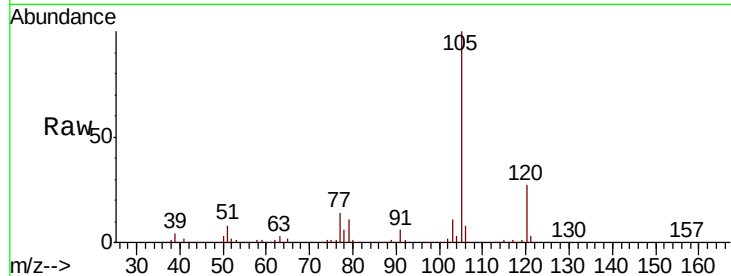
VSTDCCC050

Tot Ion:105 Resp: 576376

Ion Ratio Lower Upper

105 100

120 27.0 14.1 42.4



#74

N-ethyl acetate

Concen: 49.907 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Tgt Ion: 43 Resp: 223148

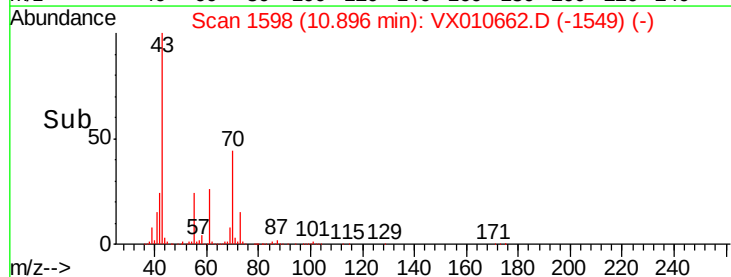
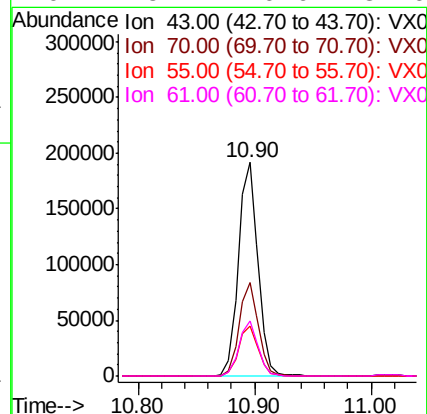
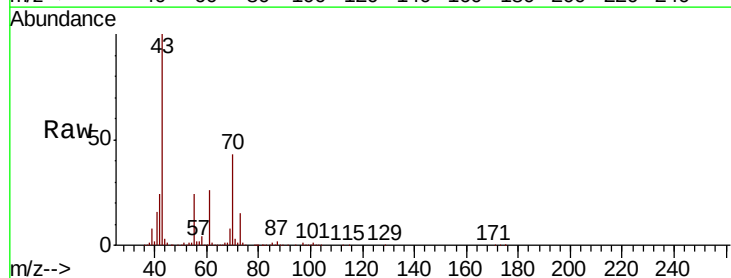
Ion Ratio Lower Upper

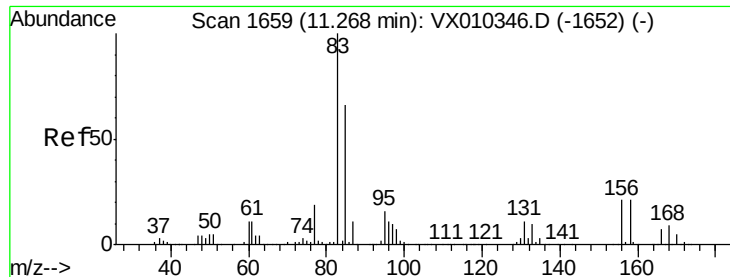
43 100

70 43.4 36.6 54.8

55 24.0 18.7 28.1

61 25.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.495 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

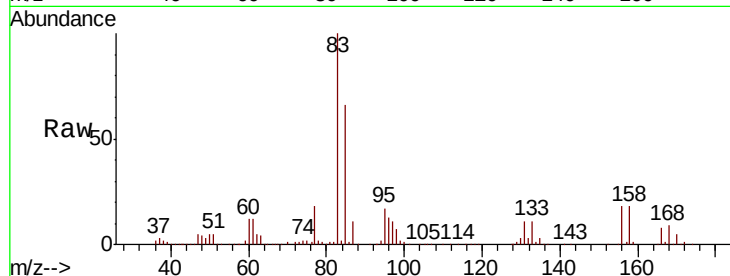
Tot Ion: 83 Resp: 182176

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

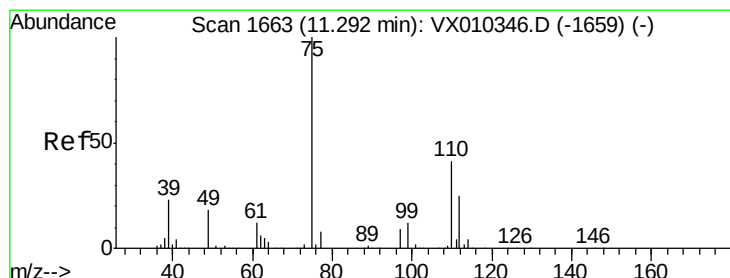
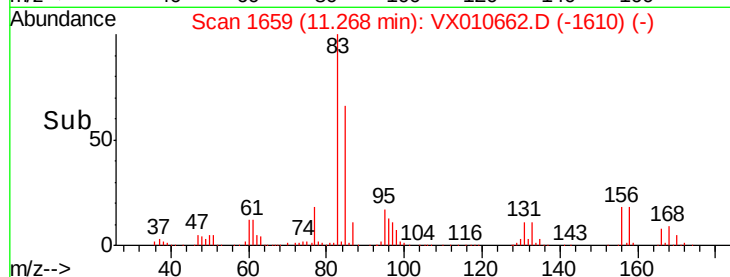
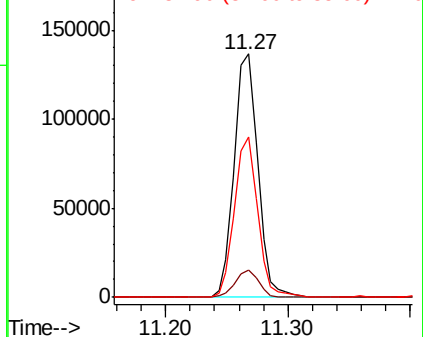
85 65.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.003 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010662.D

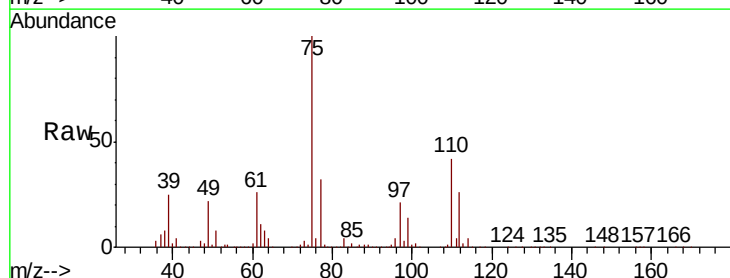
Acq: 04 Jul 2019 02:05

Tgt Ion: 75 Resp: 197196

Ion Ratio Lower Upper

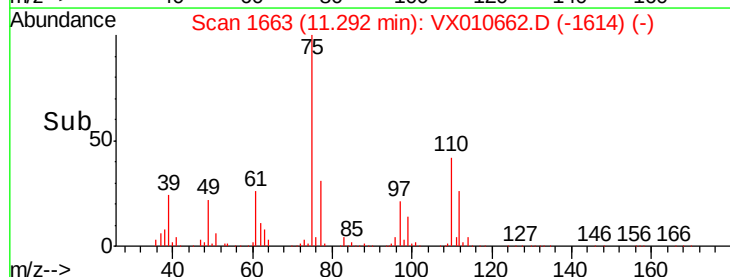
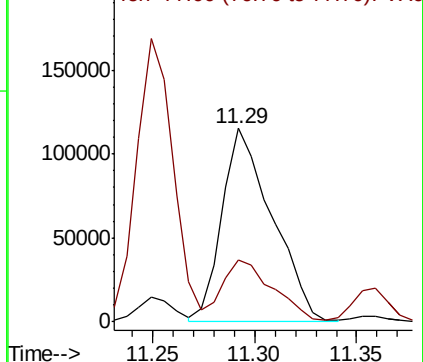
75 100

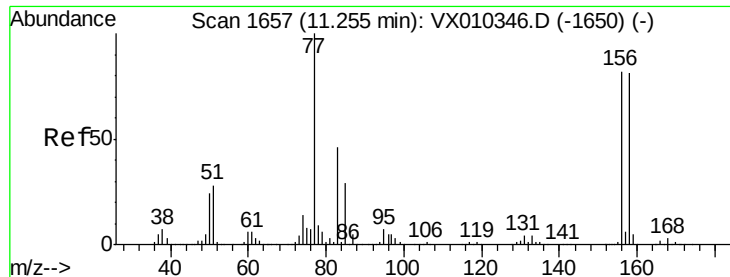
77 32.3 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.072 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

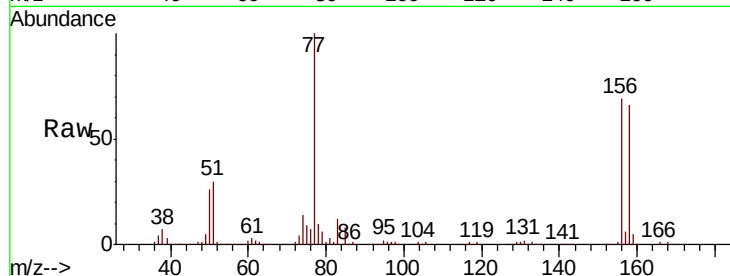
Tot Ion:156 Resp: 155506

Ion Ratio Lower Upper

156 100

77 135.9 66.3 198.7

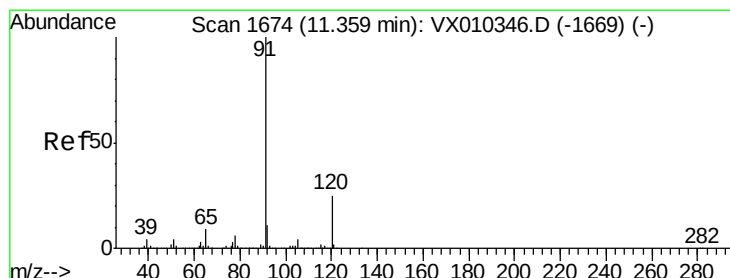
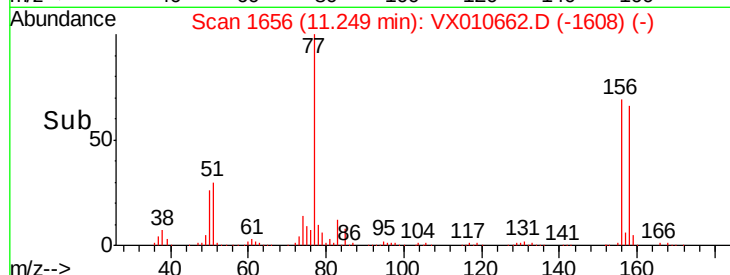
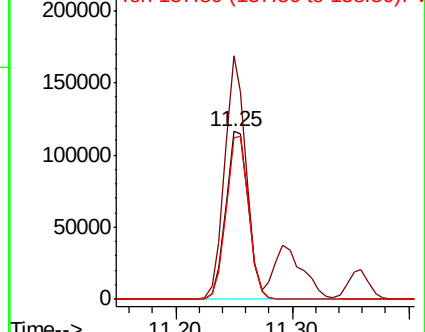
158 96.7 48.9 146.7



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: 50.117 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010662.D

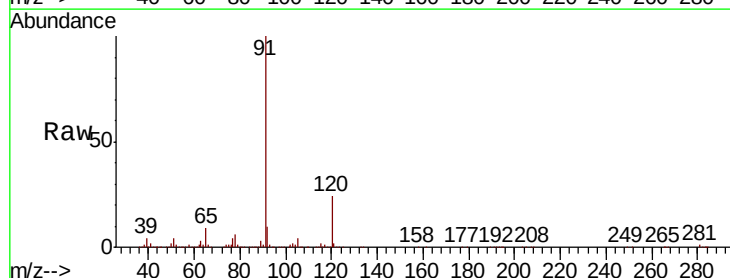
Acq: 04 Jul 2019 02:05

Tgt Ion: 91 Resp: 651675

Ion Ratio Lower Upper

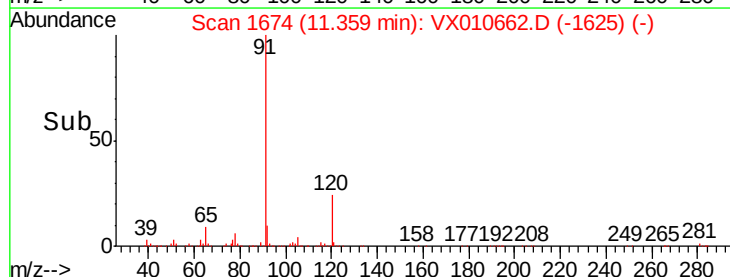
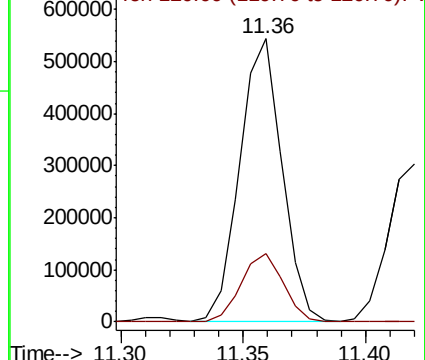
91 100

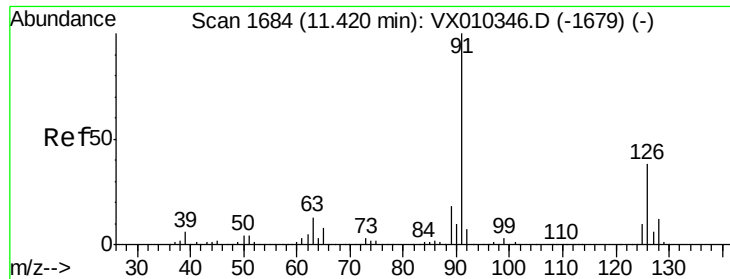
120 24.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

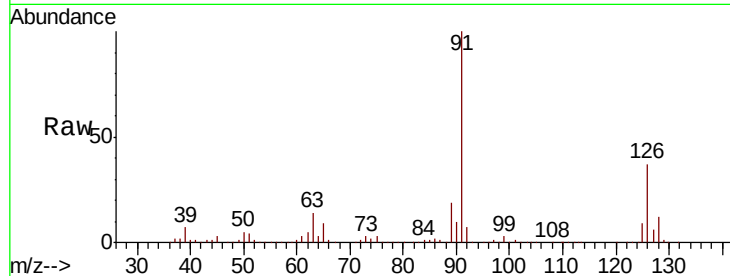




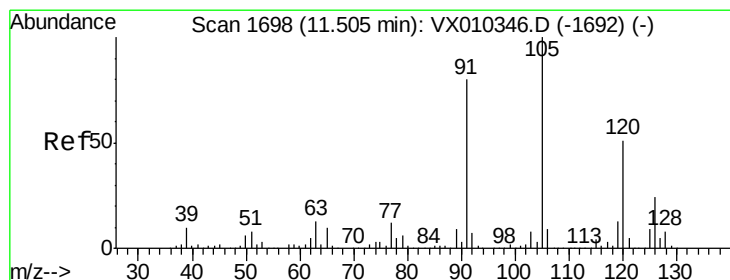
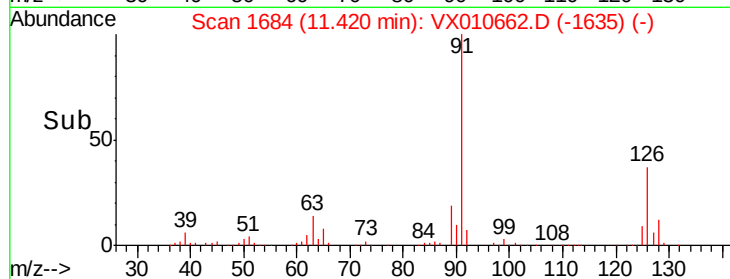
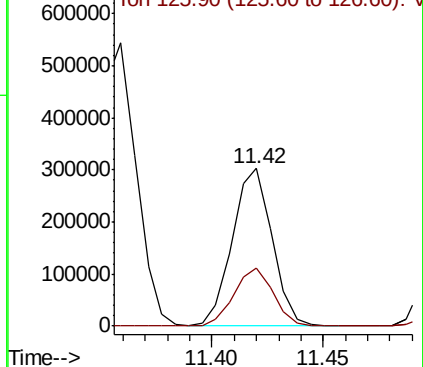
#79
 2-Chlorotoluene
 Concen: 48.661 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 376777
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.7 56.1

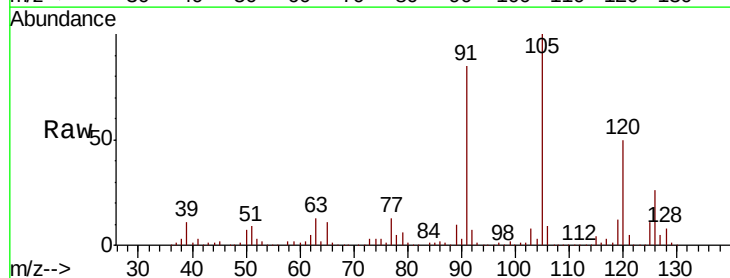


Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)

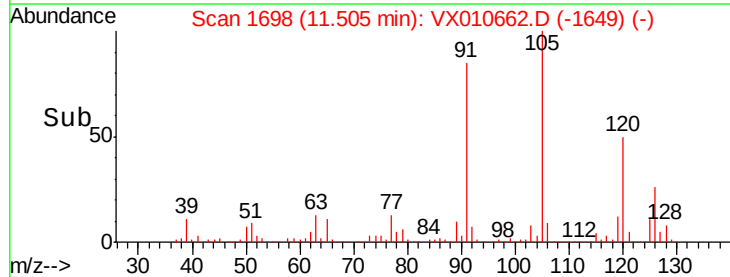
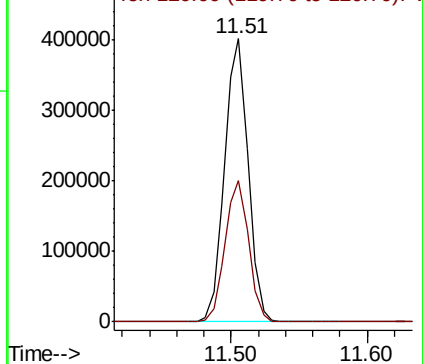


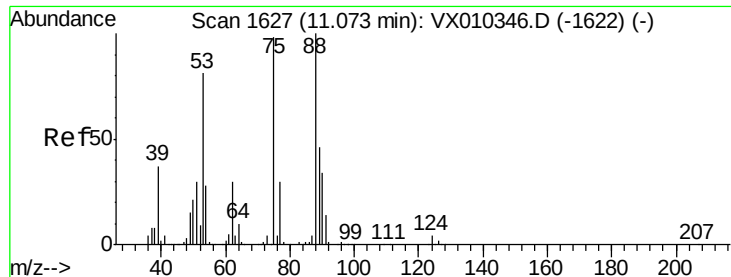
#80
 1,3,5-Trimethylbenzene
 Concen: 49.354 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Tgt Ion: 105 Resp: 481370
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)
 Ion 120.00 (119.70 to 120.70): VX010346.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 37.496 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

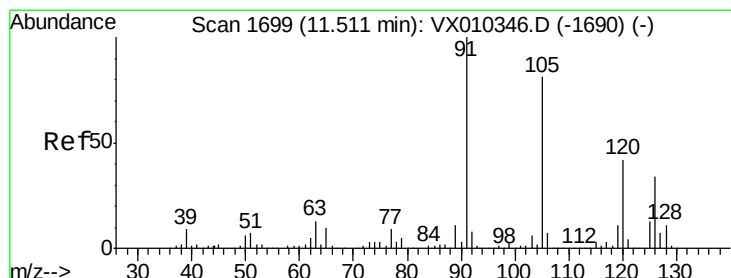
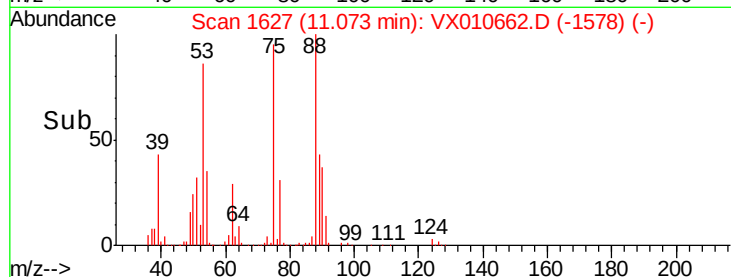
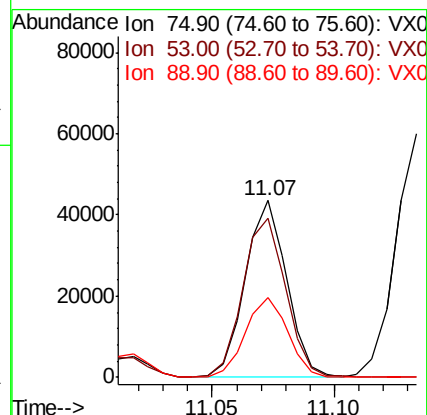
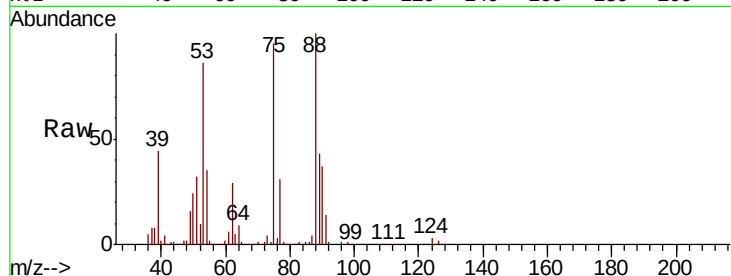
Tot Ion: 75 Resp: 51118

Ion Ratio Lower Upper

75 100

53 94.0 66.1 99.1

89 46.8 37.8 56.6



#82

4-Chlorotoluene

Concen: 50.010 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010662.D

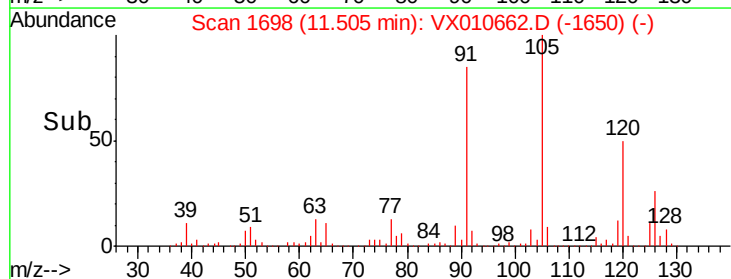
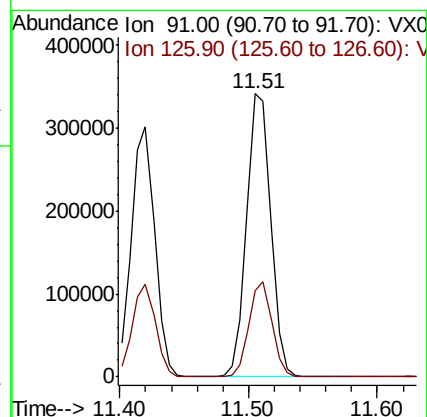
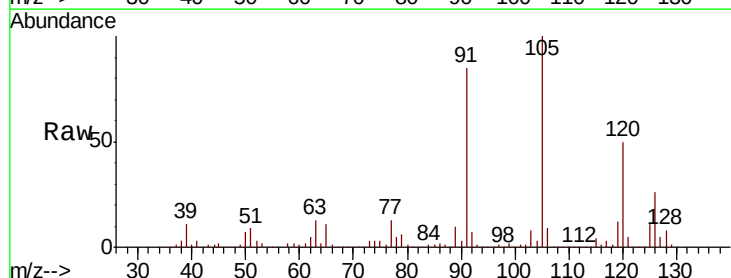
Acq: 04 Jul 2019 02:05

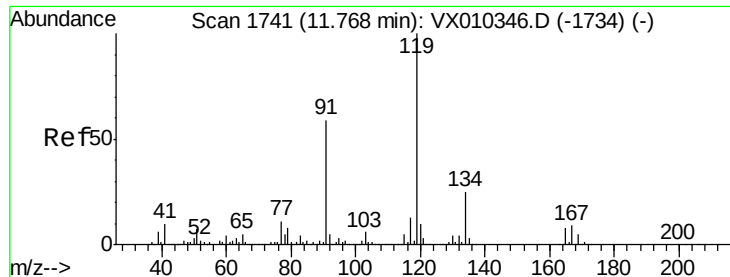
Tgt Ion: 91 Resp: 440624

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.6

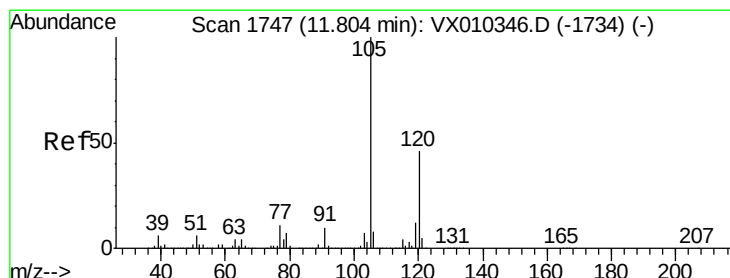
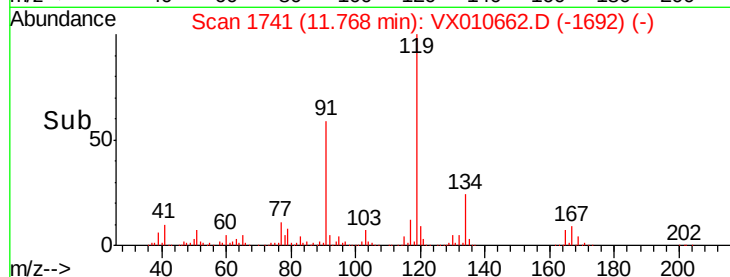
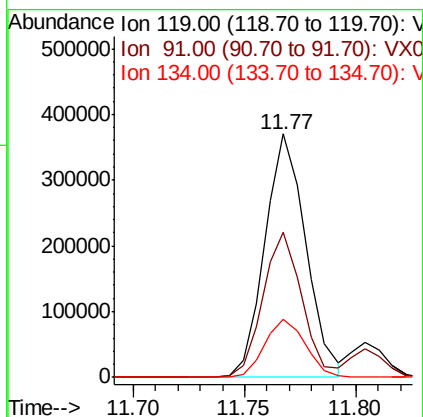
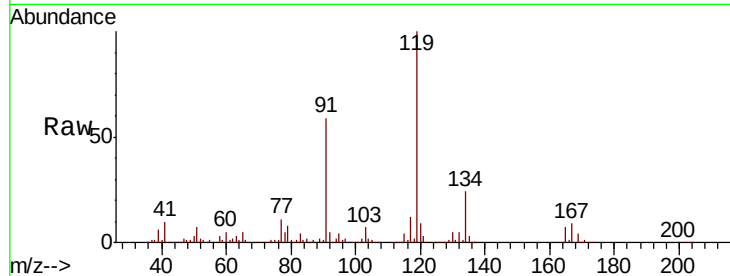




#83
 tert-Butylbenzene
 Concen: 48.397 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

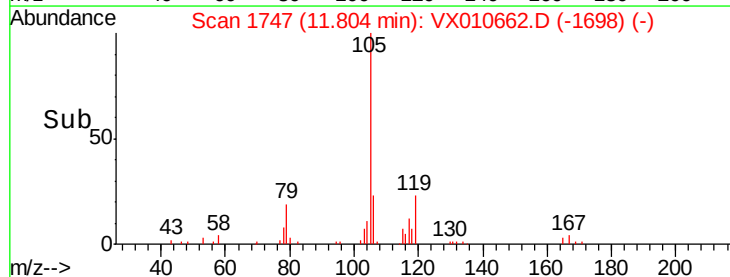
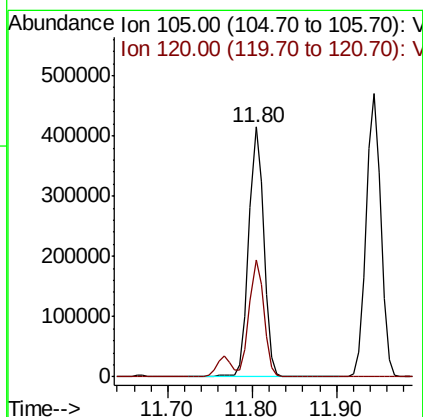
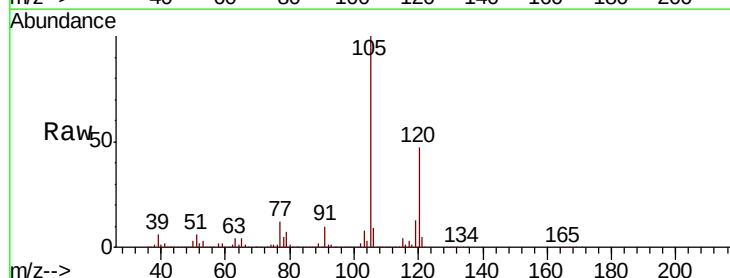
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

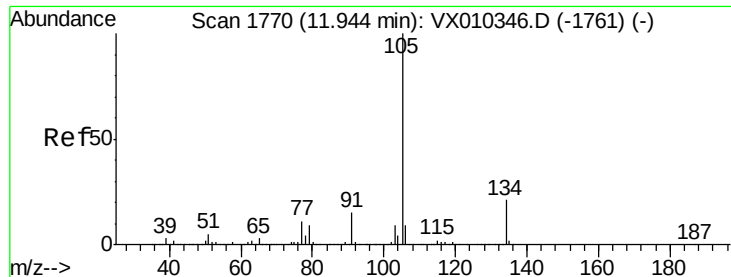
Tot Ion:119 Resp: 473771
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.6 82.7
 134 23.9 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 49.629 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Tgt Ion:105 Resp: 486325
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.722 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

Instrument :

MSVOA_X

ClientSampleId :

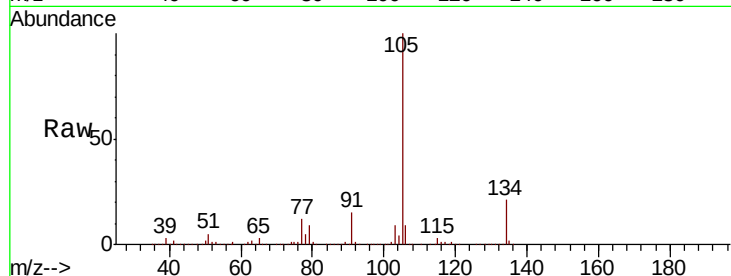
VSTDCCC050

Tot Ion:105 Resp: 571506

Ion Ratio Lower Upper

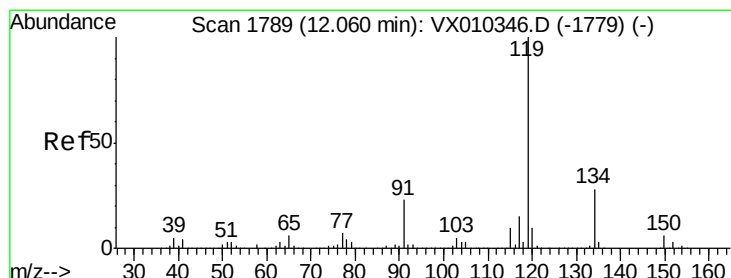
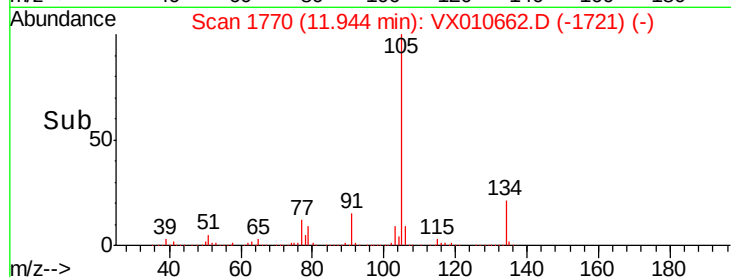
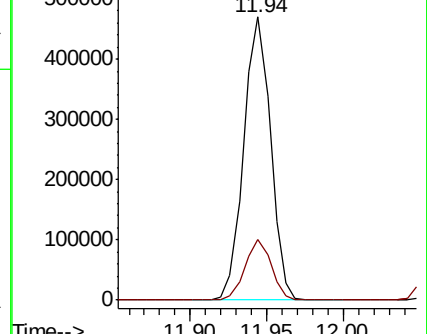
105 100

134 21.1 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.095 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010662.D

Acq: 04 Jul 2019 02:05

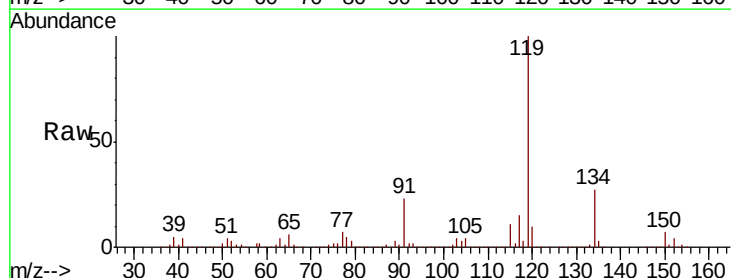
Tgt Ion:119 Resp: 521961

Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

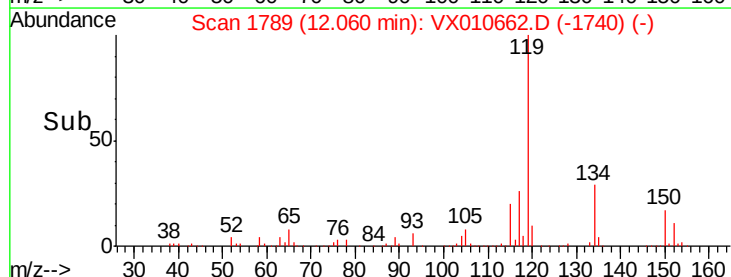
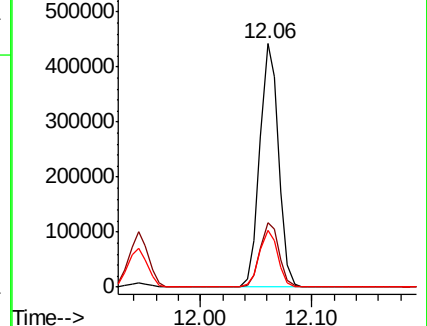
91 23.2 11.3 33.8

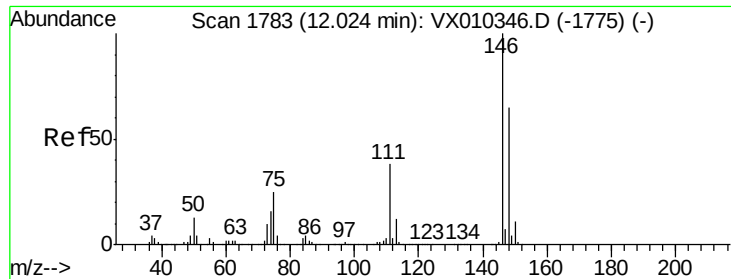


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

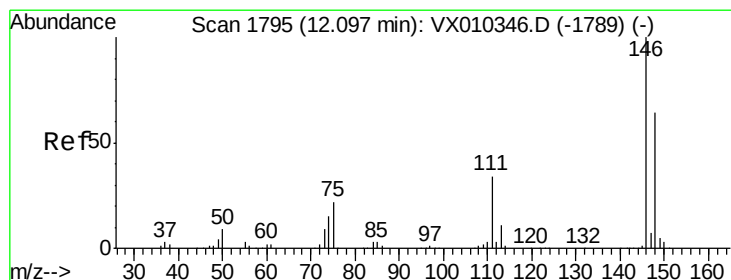
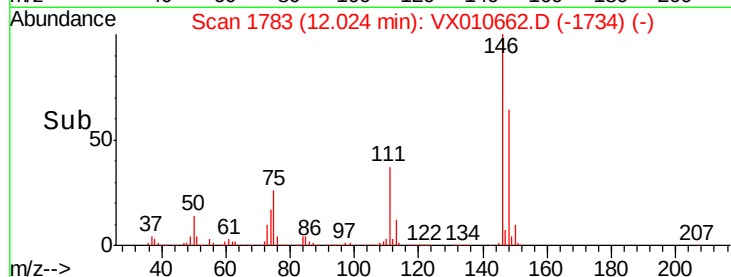
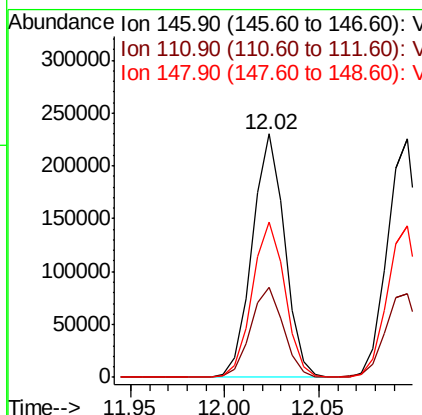
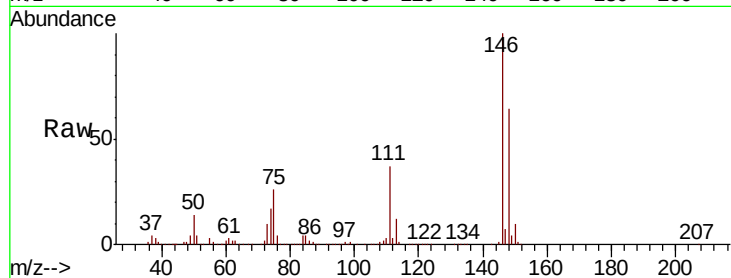




#87
 1,3-Dichlorobenzene
 Concen: 47.591 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

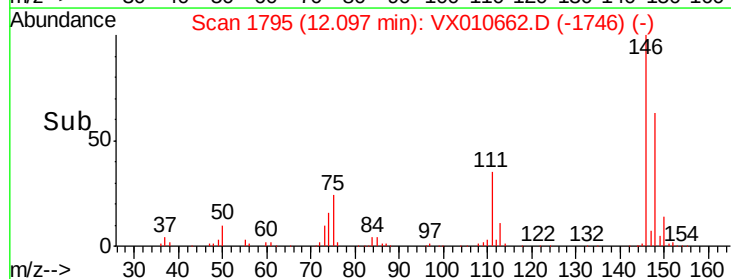
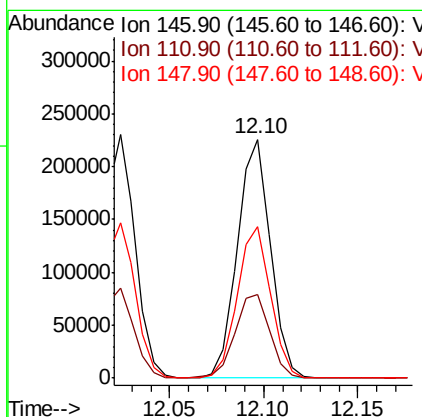
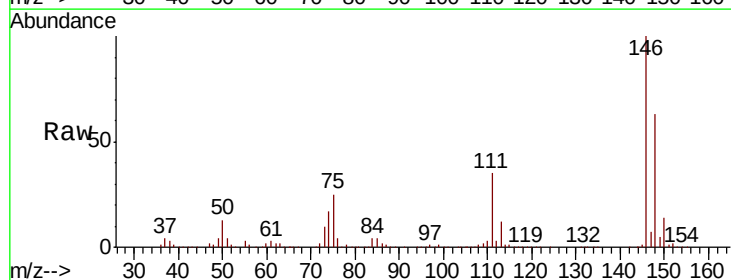
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

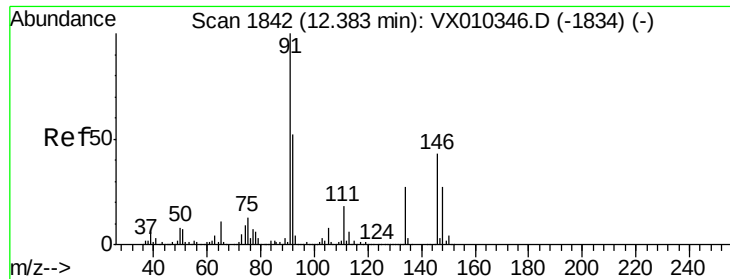
Tot Ion:146 Resp: 274443
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.1
 148 64.5 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 46.757 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Tgt Ion:146 Resp: 274501
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.1 54.3
 148 64.3 32.1 96.3

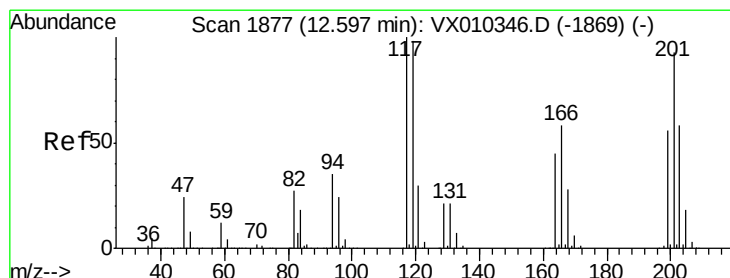
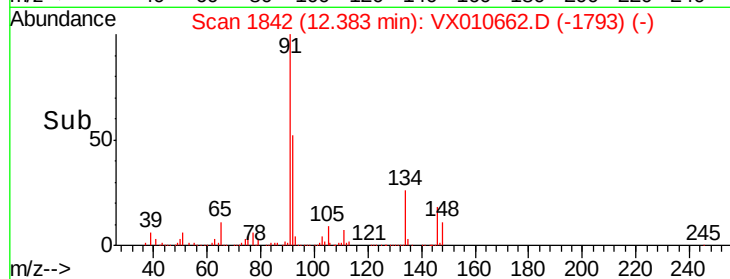
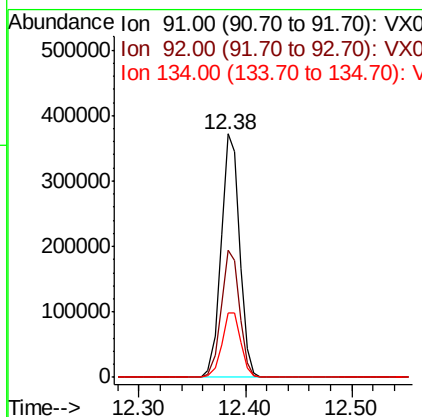
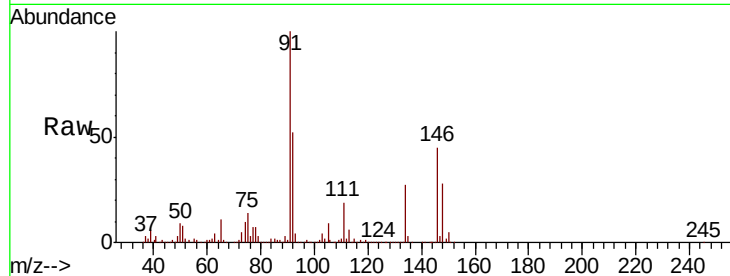




#89
n-Butylbenzene
Concen: 49.842 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

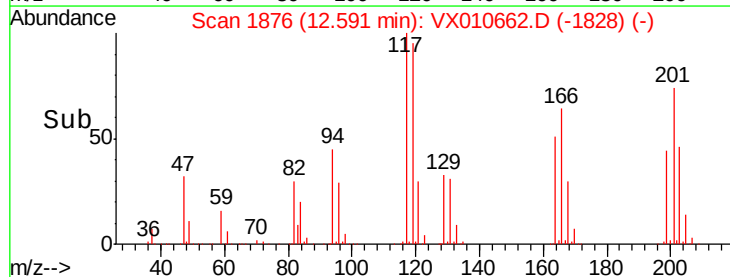
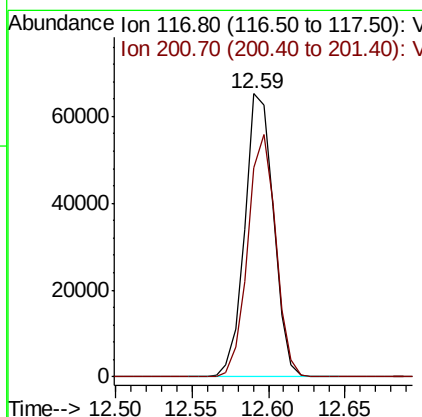
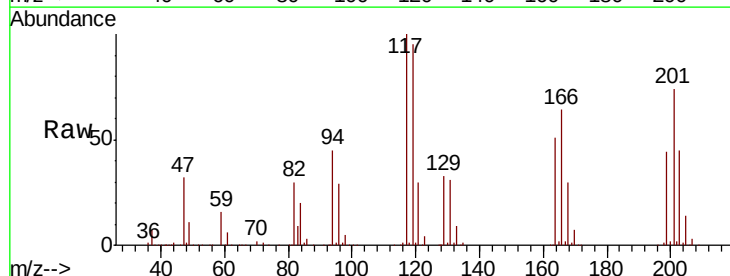
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

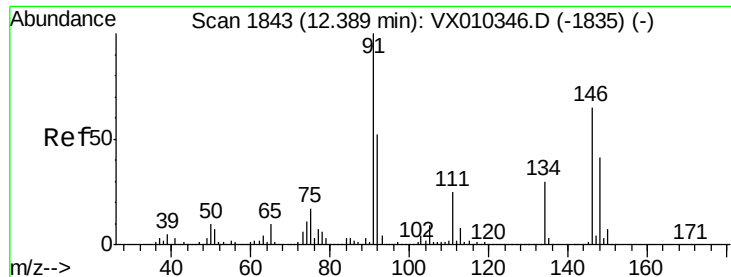
Tot Ion: 91 Resp: 450280
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 27.3 14.1 42.4



#90
Hexachloroethane
Concen: 46.393 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion: 117 Resp: 85287
Ion Ratio Lower Upper
117 100
201 83.6 44.0 131.8



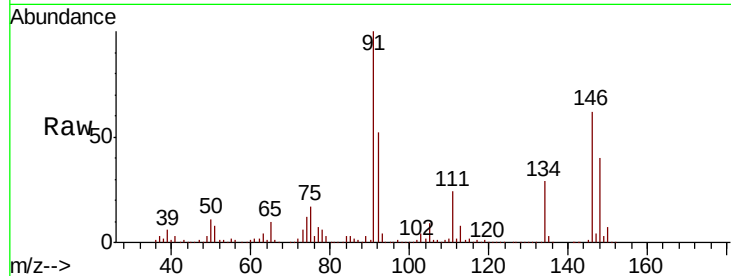


#91
 1,2-Dichlorobenzene
 Concen: 46.859 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

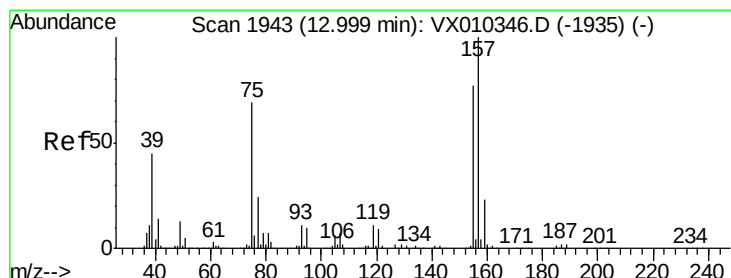
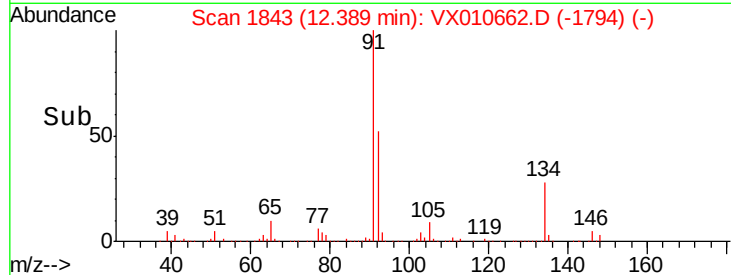
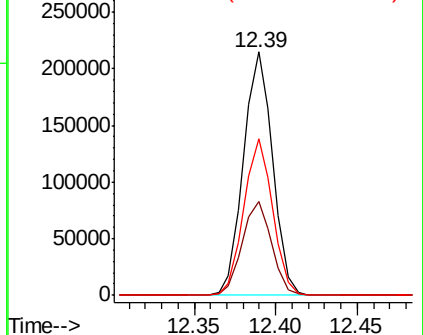
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 268563

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.2	57.6
148	63.7	32.0	96.0



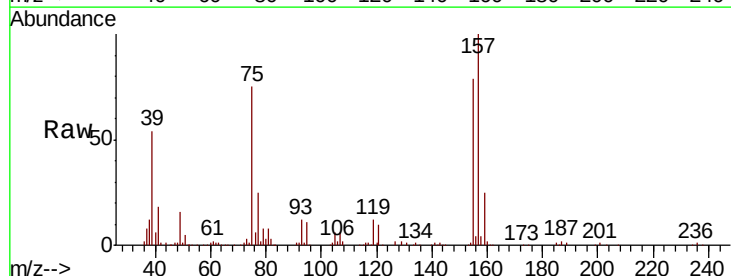
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V



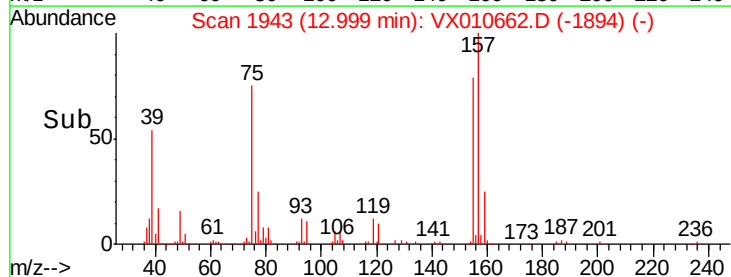
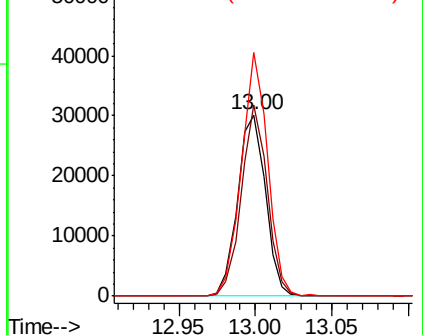
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.096 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

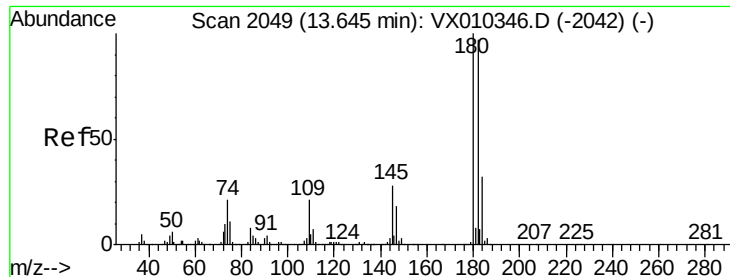
Tgt Ion: 75 Resp: 38096

Ion	Ratio	Lower	Upper
75	100		
155	97.9	54.4	163.1
157	126.4	69.5	208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

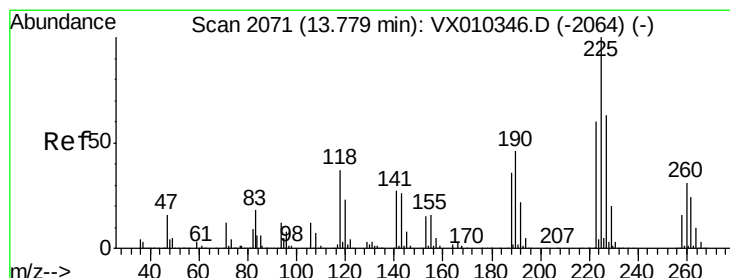
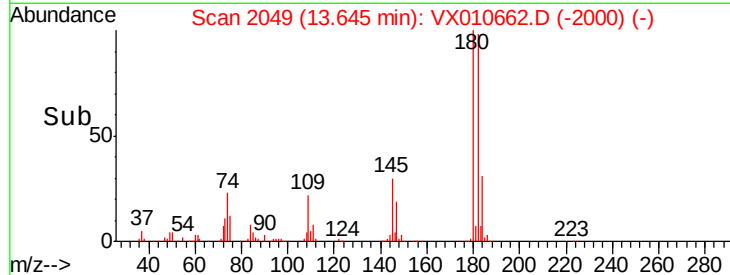
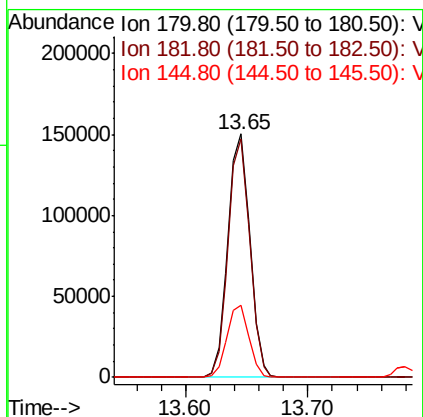
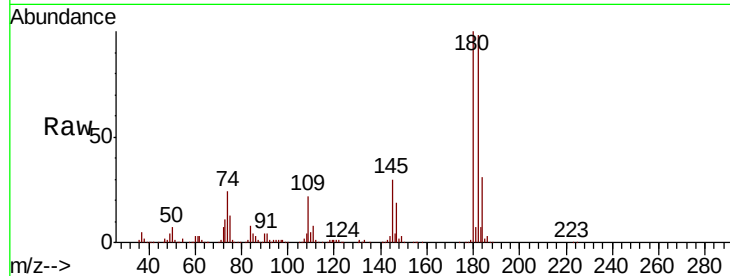




#93
 1,2,4-Trichlorobenzene
 Concen: 47.041 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

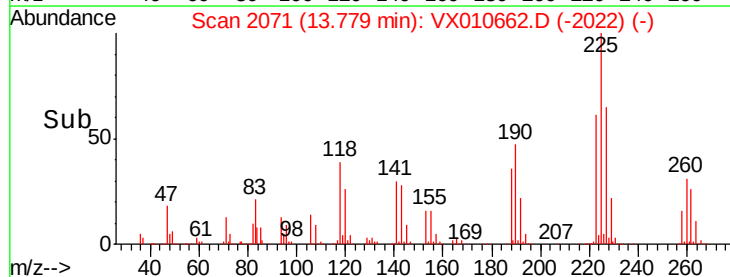
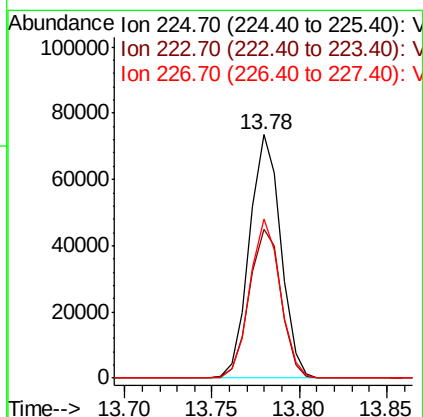
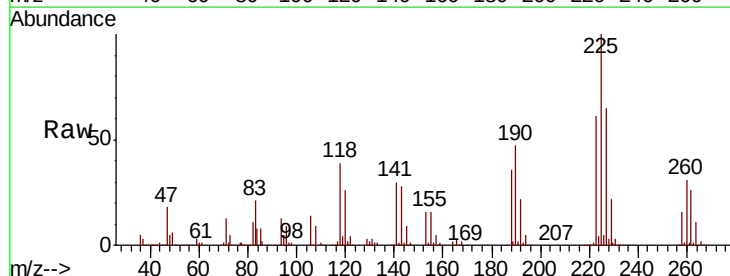
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

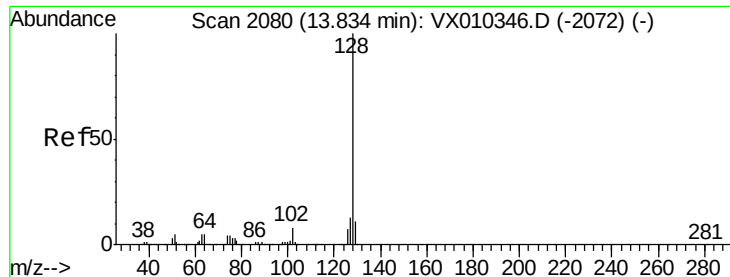
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	48.0	144.0
145	29.4	14.4	43.4



#94
 Hexachlorobutadiene
 Concen: 47.133 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010662.D
 Acq: 04 Jul 2019 02:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.9	92.7
227	63.6	31.9	95.5

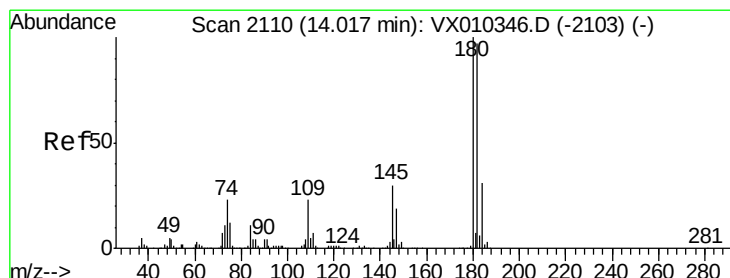
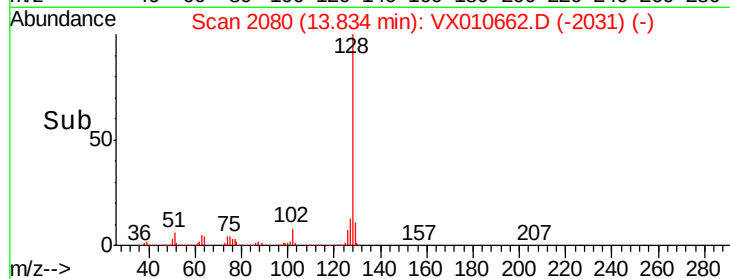
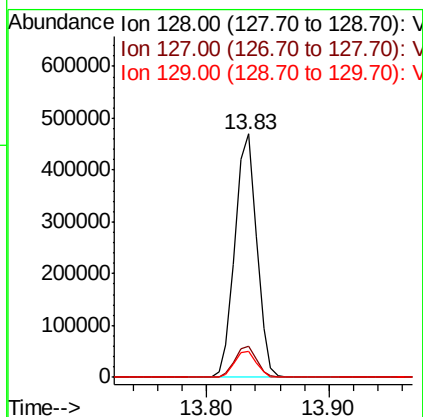
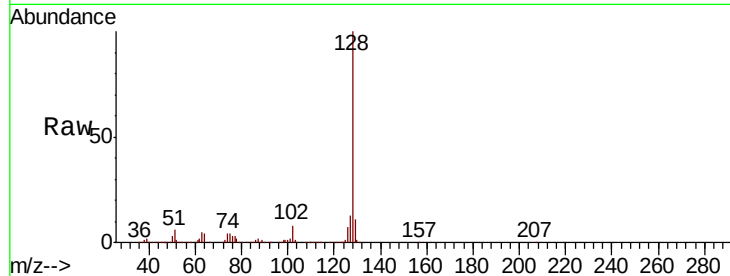




#95
Naphthalene
Concen: 47.103 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 575324
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 47.997 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010662.D
Acq: 04 Jul 2019 02:05

Tgt Ion:180 Resp: 189674
Ion Ratio Lower Upper
180 100
182 94.5 47.8 143.3
145 31.0 15.2 45.6

