

Data File : VX017270.D
Acq On : 08 Jul 2020 20:46
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jul 09 02:38:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	289590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	437786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	426676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	234409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	172825	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.47	113	141896	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
50) Toluene-d8	8.70	98	511581	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.12	95	214776	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120904	43.155	ug/l	99
3) Chloromethane	1.31	50	133624	39.403	ug/l	99
4) Vinyl Chloride	1.39	62	138181	43.917	ug/l	99
5) Bromomethane	1.62	94	76933	46.280	ug/l	96
6) Chloroethane	1.70	64	88705	47.735	ug/l	99
7) Trichlorofluoromethane	1.91	101	240177	51.613	ug/l	100
8) Diethyl Ether	2.17	74	84225	53.766	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	133783	47.968	ug/l	97
10) Methyl Iodide	2.49	142	157868	43.867	ug/l	100
11) Tert butyl alcohol	3.02	59	179204	263.124	ug/l	99
12) 1,1-Dichloroethene	2.36	96	131094	45.756	ug/l	99
13) Acrolein	2.27	56	125401	308.015	ug/l	100
14) Allyl chloride	2.71	41	235380	44.454	ug/l	97
15) Acrylonitrile	3.12	53	415607	253.845	ug/l	99
16) Acetone	2.42	43	351983	263.554	ug/l	99
17) Carbon Disulfide	2.55	76	350708	43.868	ug/l	99
18) Methyl Acetate	2.75	43	192850	55.315	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	488796	50.833	ug/l	98
20) Methylene Chloride	2.83	84	154800	50.548	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	147983	46.543	ug/l	96
22) Diisopropyl ether	3.82	45	476115	48.583	ug/l	97
23) Vinyl Acetate	3.79	43	2094213	248.683	ug/l	99
24) 1,1-Dichloroethane	3.67	63	267036	47.889	ug/l	99
25) 2-Butanone	4.64	43	572957	257.470	ug/l	99
26) 2,2-Dichloropropane	4.56	77	213350	43.091	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	167178	46.405	ug/l	99
28) Bromochloromethane	4.98	49	116431	42.909	ug/l	95
29) Tetrahydrofuran	5.09	42	374260	254.542	ug/l	99
30) Chloroform	5.18	83	286029	50.039	ug/l	97
31) Cyclohexane	5.55	56	216123	44.840	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	264444	50.233	ug/l	99
36) 1,1-Dichloropropene	5.77	75	200069	48.354	ug/l	98
37) Ethyl Acetate	4.79	43	219819	52.362	ug/l	99
38) Carbon Tetrachloride	5.76	117	240427	52.757	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216752	47.083	ug/l	98
40) Benzene	6.12	78	593310	48.804	ug/l	98
41) Methacrylonitrile	5.01	41	122546	51.865	ug/l	99
42) 1,2-Dichloroethane	6.17	62	231103	52.629	ug/l	100
43) Isopropyl Acetate	6.42	43	363227	52.068	ug/l	99
44) Trichloroethene	7.19	130	177700	52.989	ug/l	98
45) 1,2-Dichloropropane	7.49	63	156093	49.991	ug/l	98
46) Dibromomethane	7.63	93	112644	52.841	ug/l	96
47) Bromodichloromethane	7.88	83	235228	53.544	ug/l	98
48) Methyl methacrylate	7.74	41	181260	54.691	ug/l	97
49) 1,4-Dioxane	7.71	88	72895	970.856	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1164479	280.034	ug/l	99
52) Toluene	8.77	92	387809	51.094	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	254756	52.558	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	265457	51.088	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	167293	53.946	ug/l	99
56) Ethyl methacrylate	9.16	69	253987	57.542	ug/l	98
57) 1,3-Dichloropropane	9.35	76	271543	51.748	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	576563	262.461	ug/l	99
59) 2-Hexanone	9.48	43	899623	296.222	ug/l	99
60) Dibromochloromethane	9.57	129	204209	56.696	ug/l	99
61) 1,2-Dibromoethane	9.65	107	178094	53.428	ug/l	99
64) Tetrachloroethene	9.32	164	171626	49.840	ug/l	99
65) Chlorobenzene	10.12	112	444193	50.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	180840	53.285	ug/l	97
67) Ethyl Benzene	10.24	91	768210	52.236	ug/l	97
68) m/p-Xylenes	10.34	106	589959	104.475	ug/l	97
69) o-Xylene	10.68	106	281894	52.476	ug/l	96
70) Styrene	10.70	104	508813	55.622	ug/l	99
71) Bromoform	10.84	173	160926	59.795	ug/l	100
73) Isopropylbenzene	11.00	105	790291	51.471	ug/l	100
74) N-amyl acetate	10.88	43	338347	51.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	242005	50.107	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	304348	66.026	ug/l	86
77) Bromobenzene	11.24	156	213982	50.708	ug/l	97
78) n-propylbenzene	11.34	91	890949	51.314	ug/l	100
79) 2-Chlorotoluene	11.40	91	538421	51.238	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	671867	52.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	87836	49.347	ug/l	96
82) 4-Chlorotoluene	11.49	91	643123	51.196	ug/l	100
83) tert-Butylbenzene	11.76	119	661608	52.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	685410	53.048	ug/l	100
85) sec-Butylbenzene	11.93	105	747645	50.875	ug/l	99
86) p-Isopropyltoluene	12.05	119	714009	52.191	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	375516	48.997	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	383231	53.035	ug/l	99
89) n-Butylbenzene	12.37	91	589903	48.291	ug/l	99
90) Hexachloroethane	12.58	117	136067	50.435	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	360013	50.253	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58629	50.886	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
Quantitation Report (Not Reviewed)

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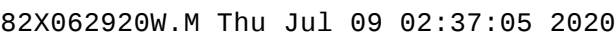
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

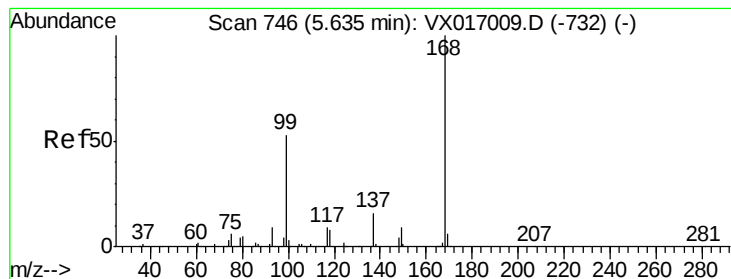
Quant Time: Jul 09 02:38:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	247190	50.553	ug/l	99
94) Hexachlorobutadiene	13.76	225	89004	47.996	ug/l	99
95) Naphthalene	13.82	128	810824	54.544	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	244044	51.572	ug/l	99

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

Quant Time: Jul 09 02:38:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

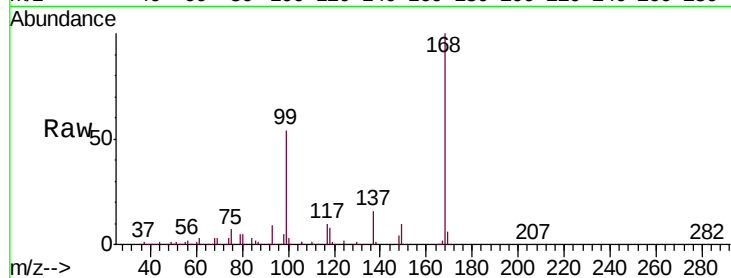
VSTDCCC050EC

Tgt Ion:168 Resp: 289590

Ion Ratio Lower Upper

168 100

99 53.5 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

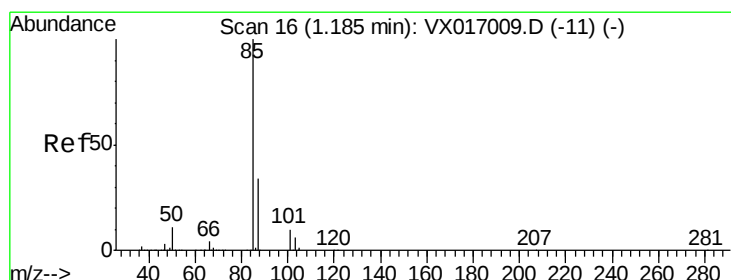
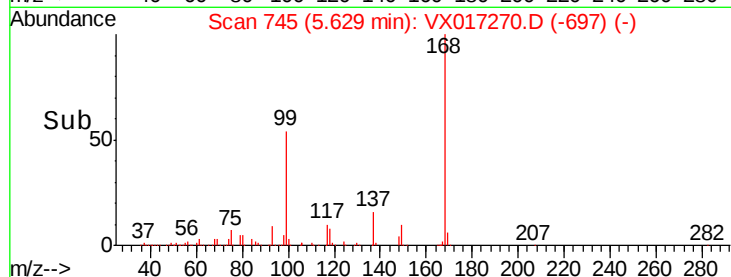
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 43.155 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017270.D

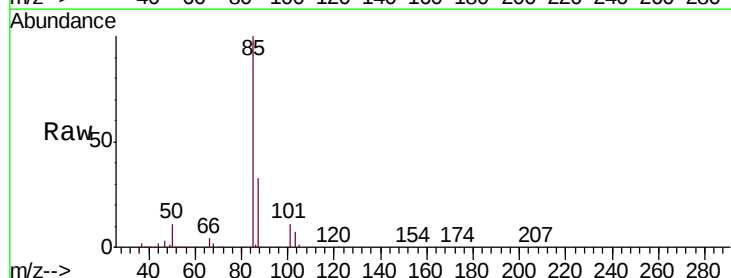
Acq: 08 Jul 2020 20:46

Tgt Ion: 85 Resp: 120904

Ion Ratio Lower Upper

85 100

87 33.1 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

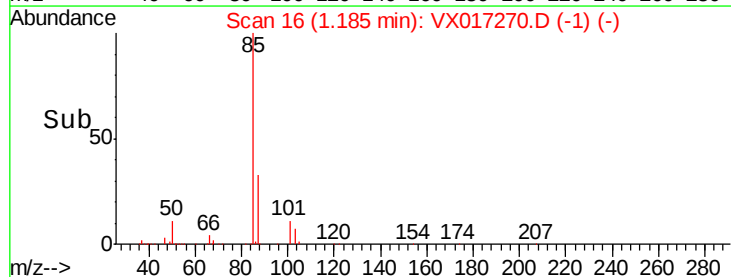
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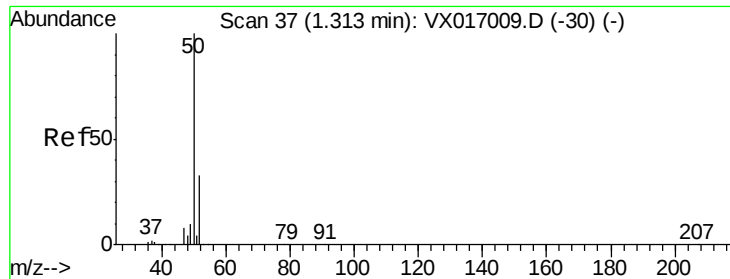
50000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 39.403 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

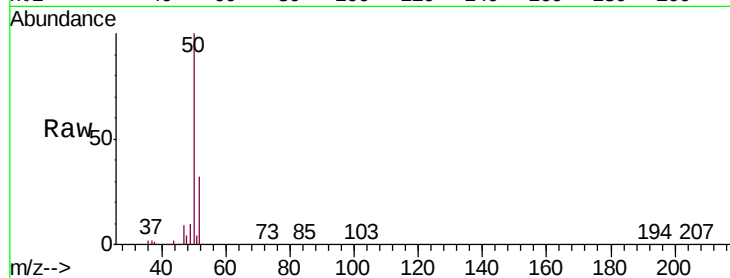
VSTDCCC050EC

Tgt Ion: 50 Resp: 133624

Ion Ratio Lower Upper

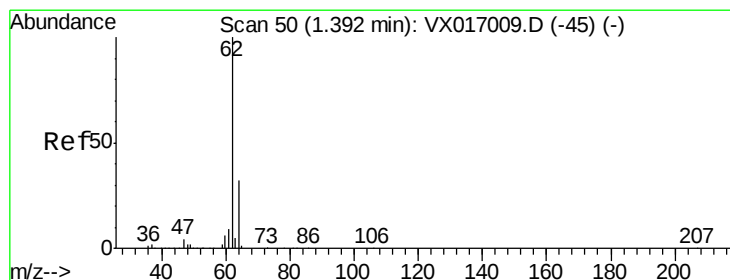
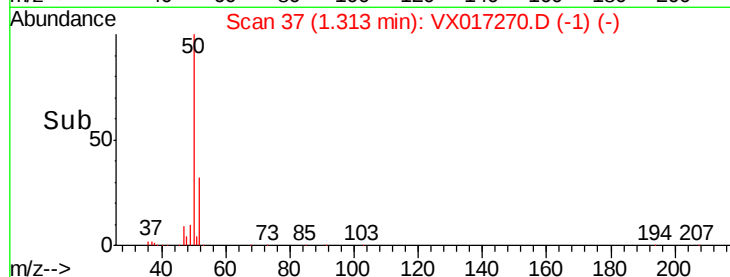
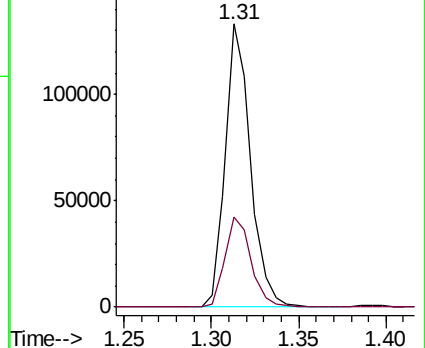
50 100

52 32.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.917 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017270.D

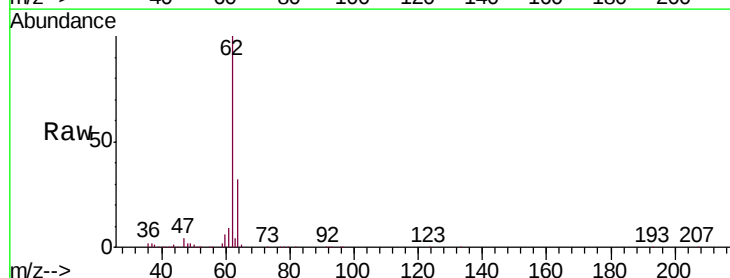
Acq: 08 Jul 2020 20:46

Tgt Ion: 62 Resp: 138181

Ion Ratio Lower Upper

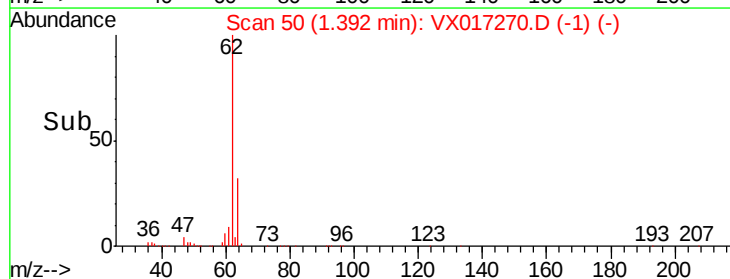
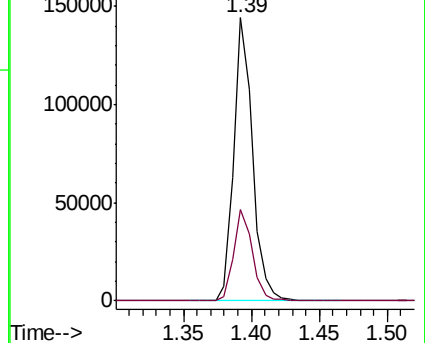
62 100

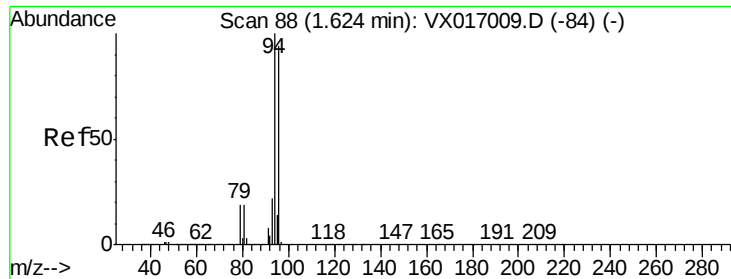
64 32.1 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.280 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017270.D

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Instrument :

MSVOA_X

ClientSampleId :

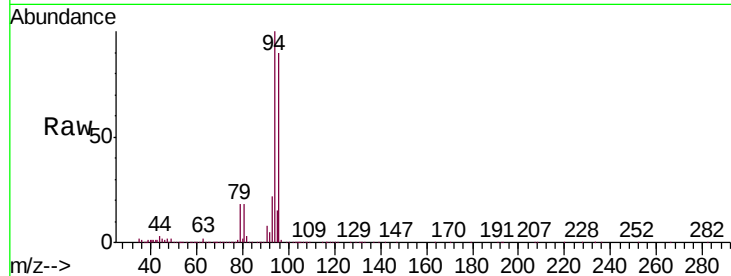
VSTDCCC050EC

Tgt Ion: 94 Resp: 76933

Ion Ratio Lower Upper

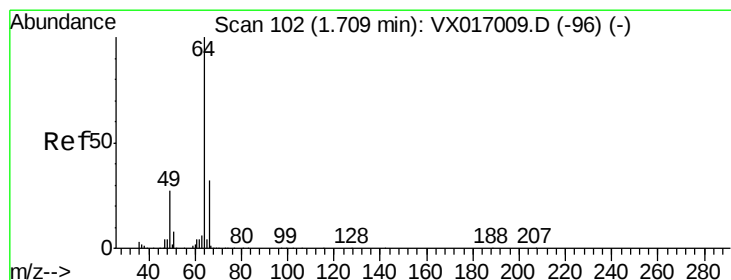
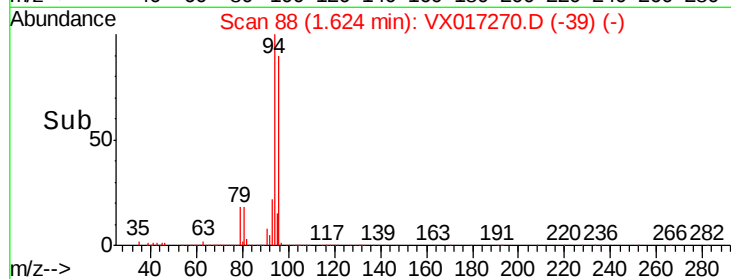
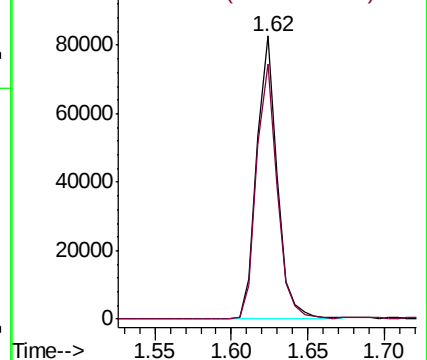
94 100

96 90.1 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.735 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017270.D

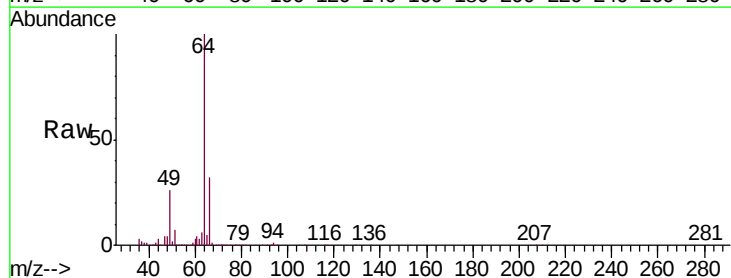
Acq: 08 Jul 2020 20:46

Tgt Ion: 64 Resp: 88705

Ion Ratio Lower Upper

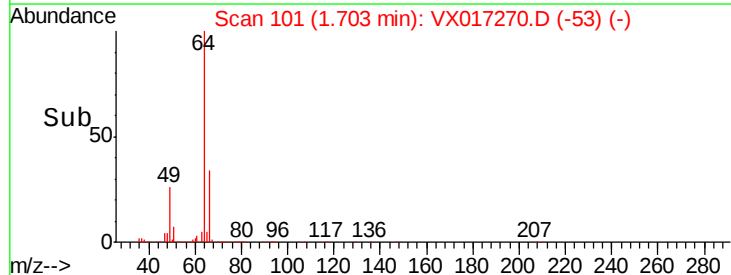
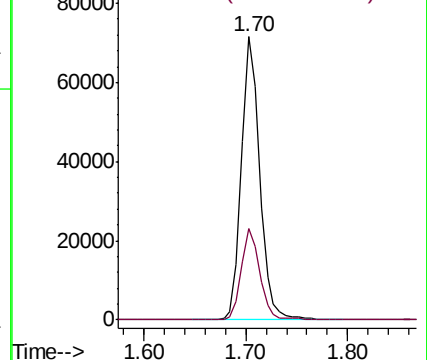
64 100

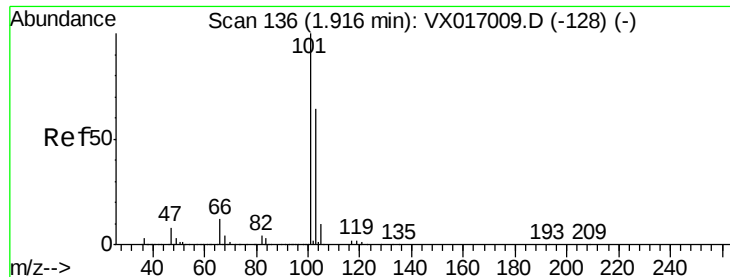
66 32.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



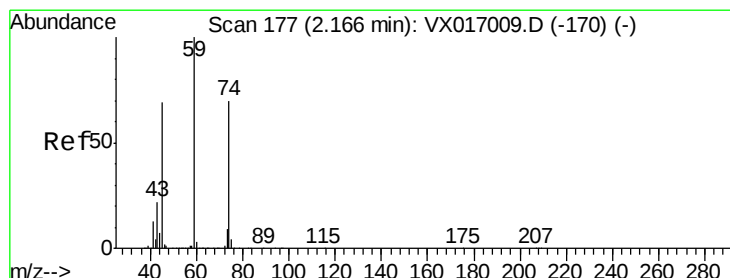
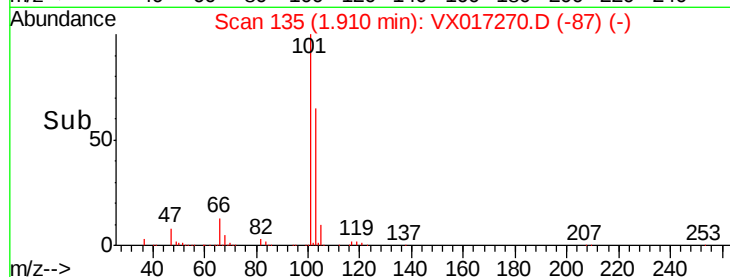
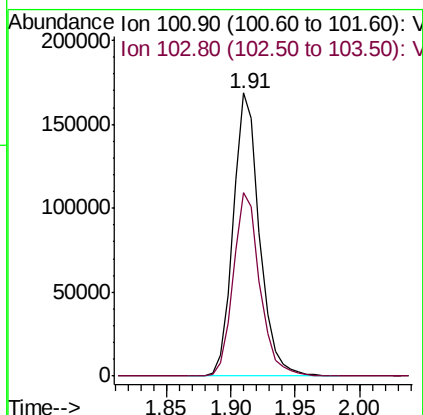
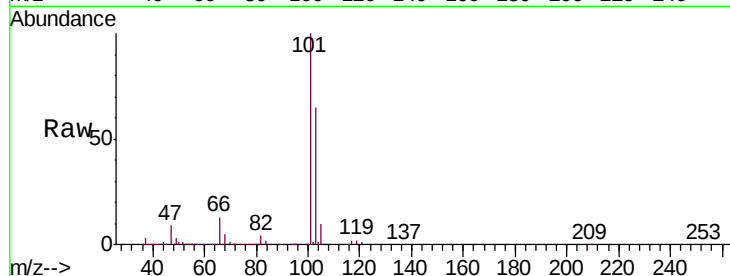


#7

Trichlorofluoromethane
 Concen: 51.613 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017270.D
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 VSTDCCC050EC

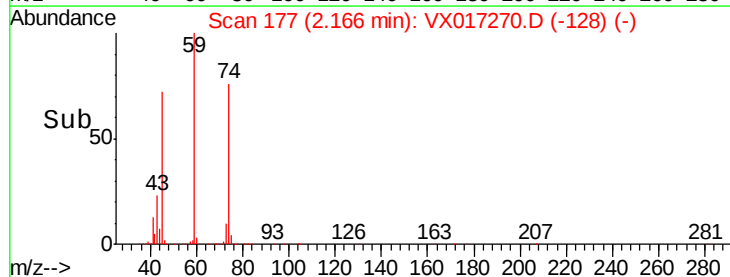
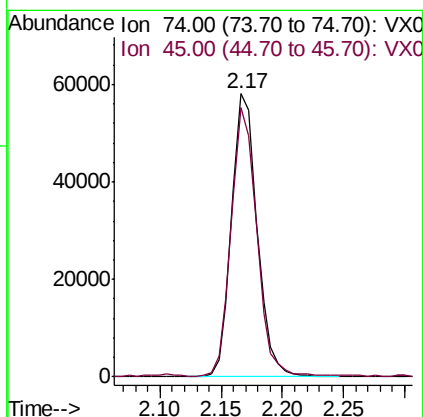
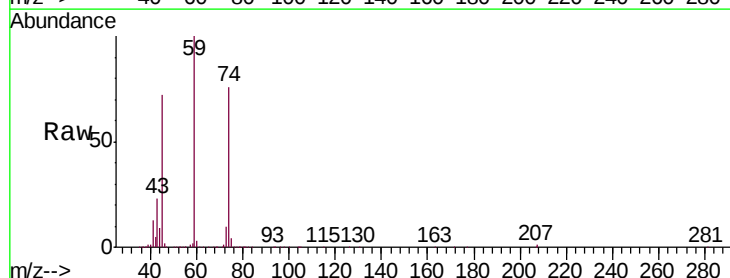
Tgt Ion: 101 Resp: 240177
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3

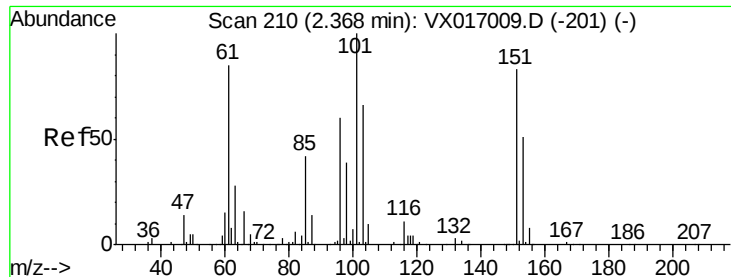


#8

Diethyl Ether
 Concen: 53.766 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion: 74 Resp: 84225
 Ion Ratio Lower Upper
 74 100
 45 93.8 49.8 149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.968 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

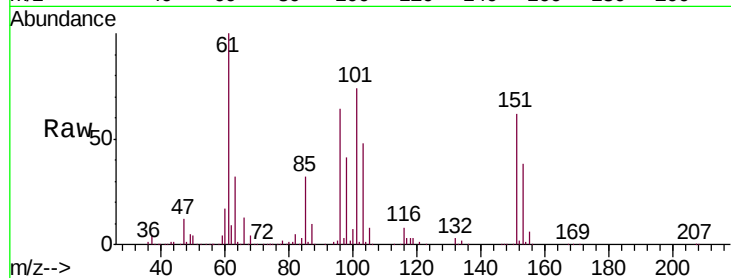
Tgt Ion:101 Resp: 133783

Ion Ratio Lower Upper

101 100

85 43.4 33.5 50.3

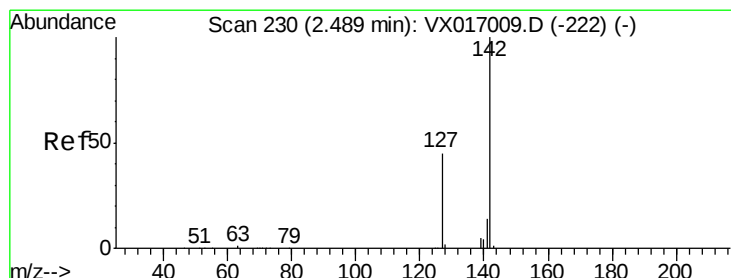
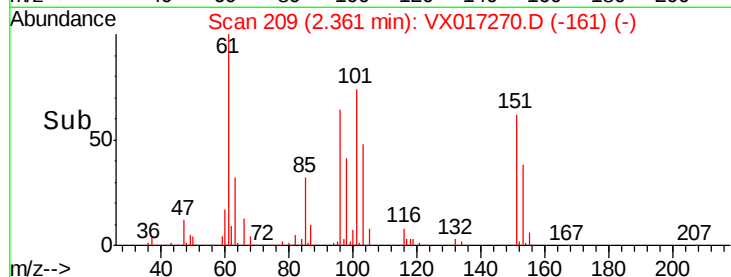
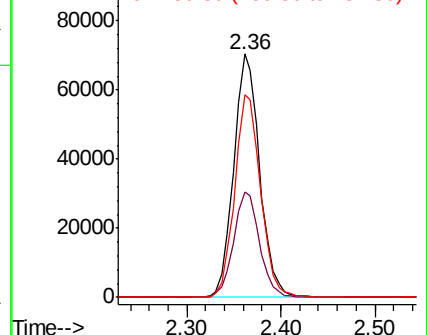
151 83.2 63.8 95.6



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: 43.867 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

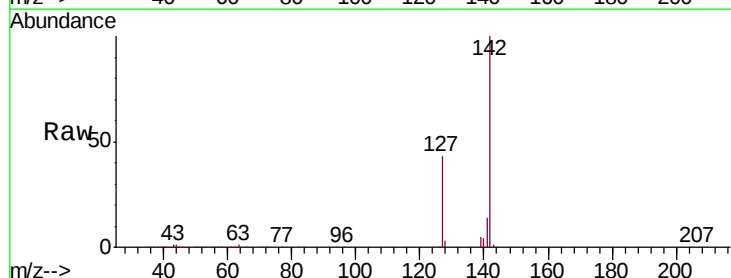
Tgt Ion:142 Resp: 157868

Ion Ratio Lower Upper

142 100

127 45.4 36.6 54.8

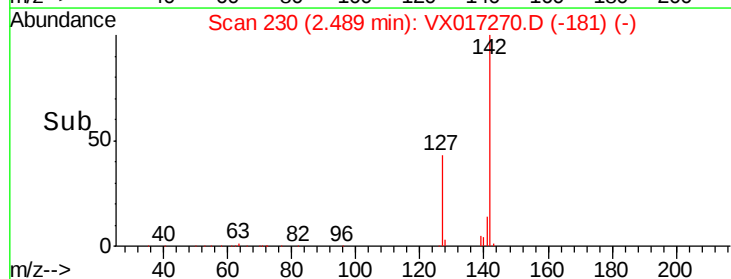
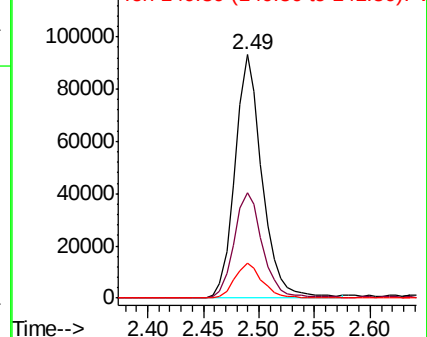
141 14.5 11.6 17.4

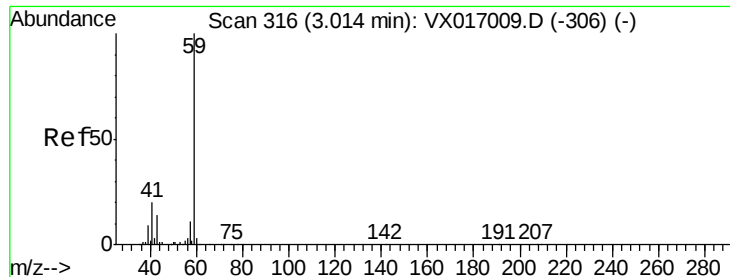


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

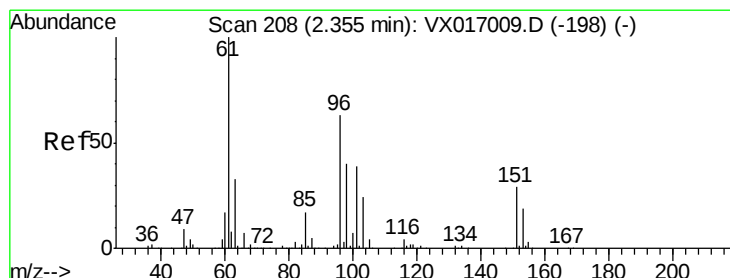
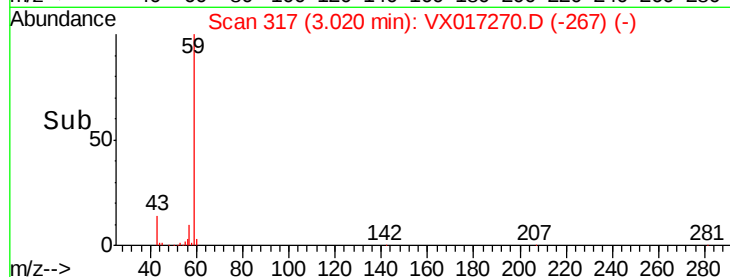
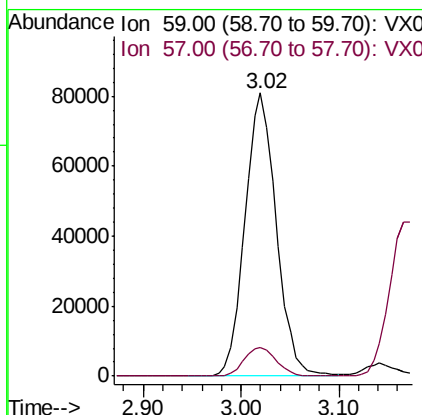
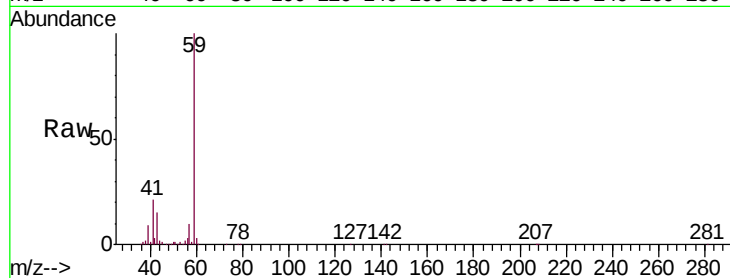




#11
Tert butyl alcohol
Concen: 263.124 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

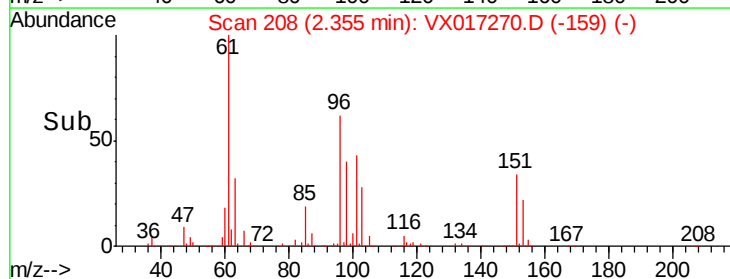
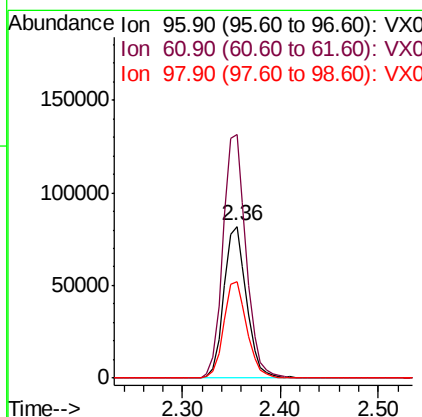
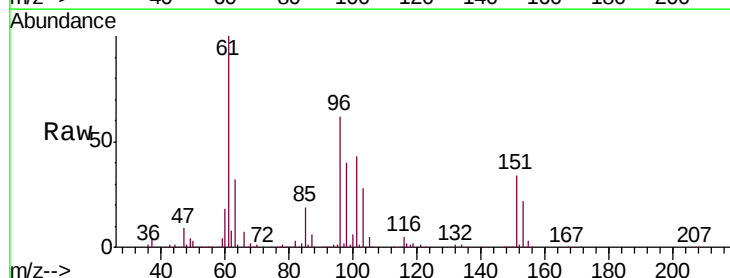
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

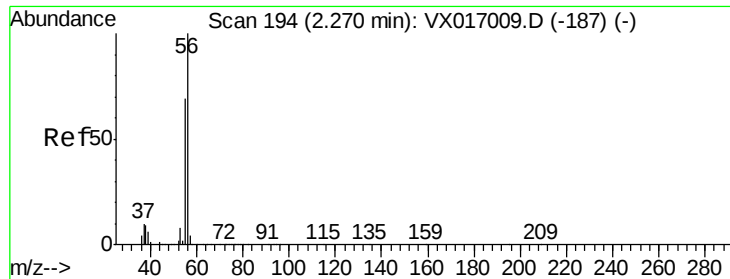
Tgt Ion: 59 Resp: 179204
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.756 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 96 Resp: 131094
Ion Ratio Lower Upper
96 100
61 160.6 126.3 189.5
98 63.9 51.0 76.6

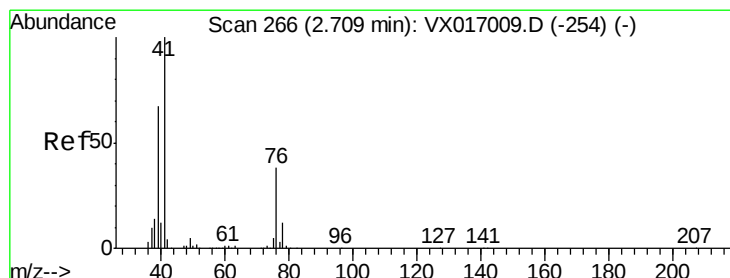
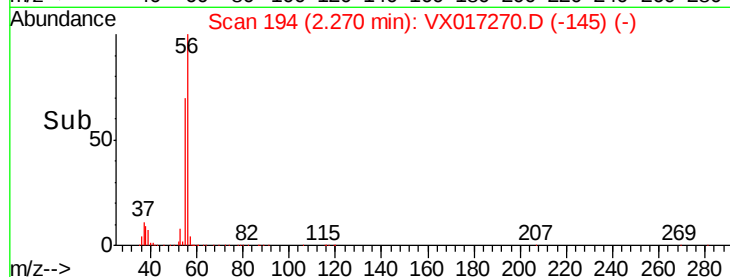
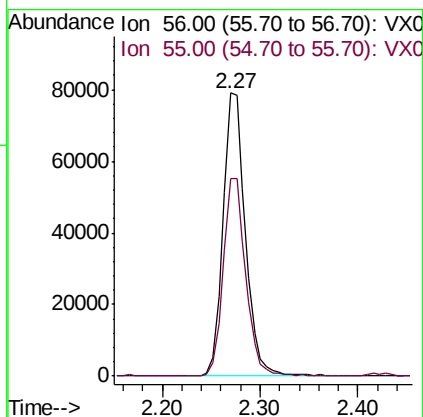
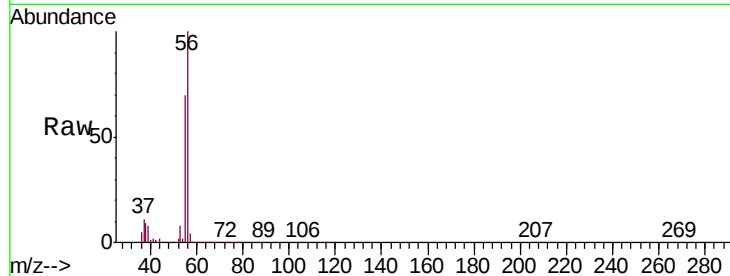




#13
Acrolein
Concen: 308.015 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

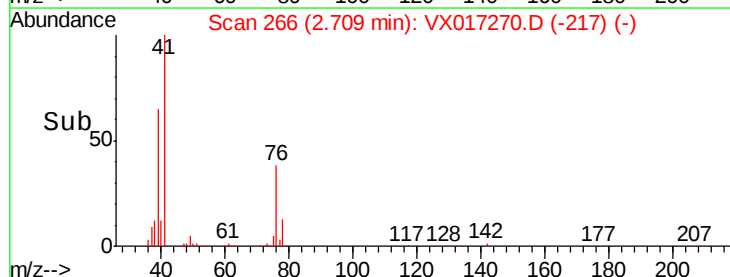
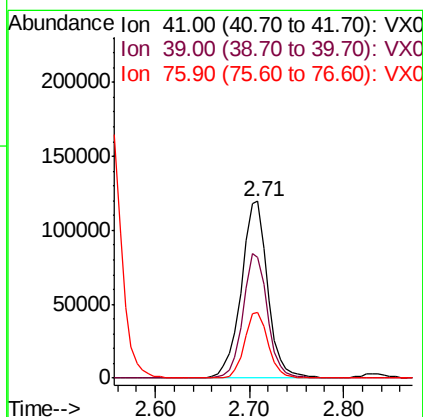
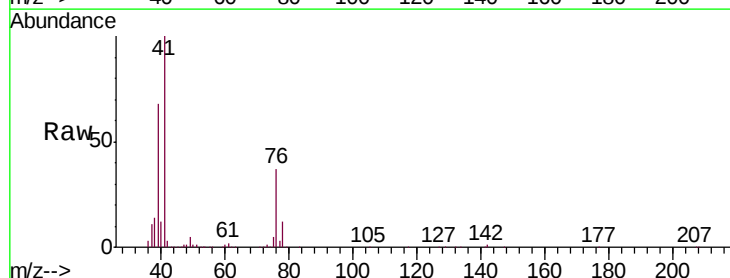
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

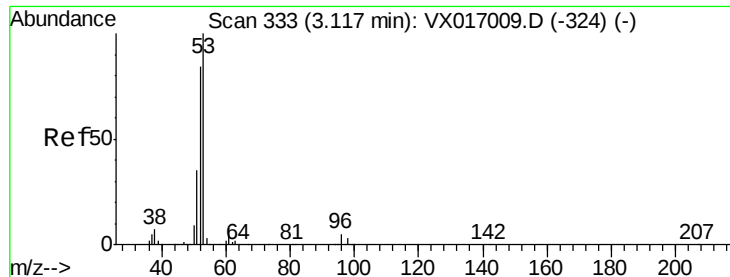
Tgt Ion: 56 Resp: 125401
Ion Ratio Lower Upper
56 100
55 69.7 55.7 83.5



#14
Allyl chloride
Concen: 44.454 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 41 Resp: 235380
Ion Ratio Lower Upper
41 100
39 65.3 49.4 74.2
76 33.6 26.8 40.2





#15

Acrylonitrile

Concen: 253.845 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

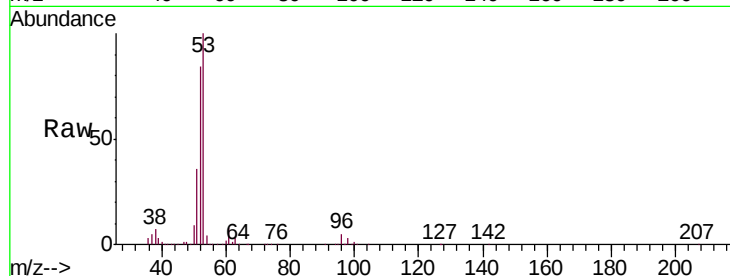
Tgt Ion: 53 Resp: 415607

Ion Ratio Lower Upper

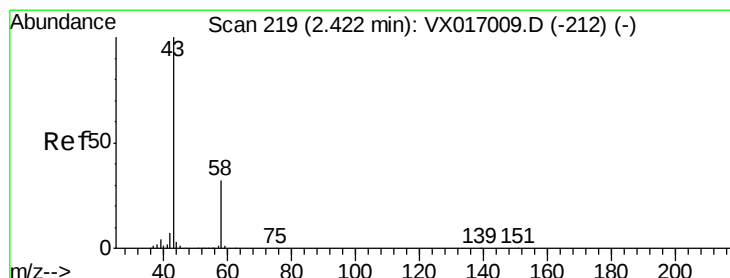
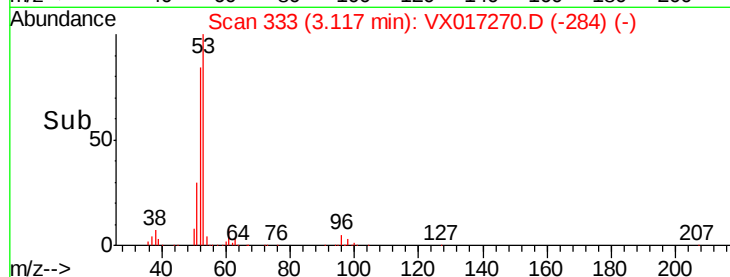
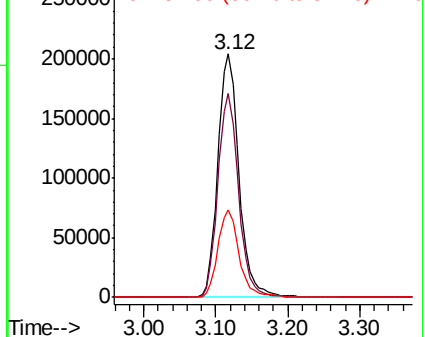
53 100

52 82.3 65.6 98.4

51 36.2 28.3 42.5



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: 263.554 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017270.D

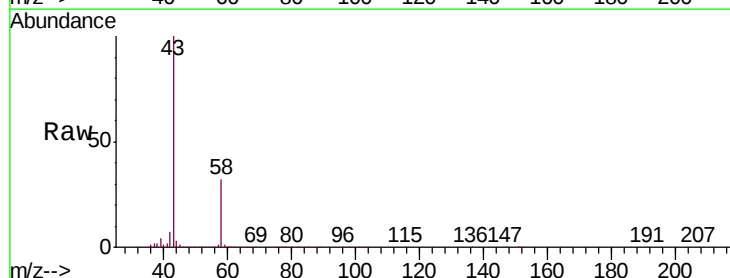
Acq: 08 Jul 2020 20:46

Tgt Ion: 43 Resp: 351983

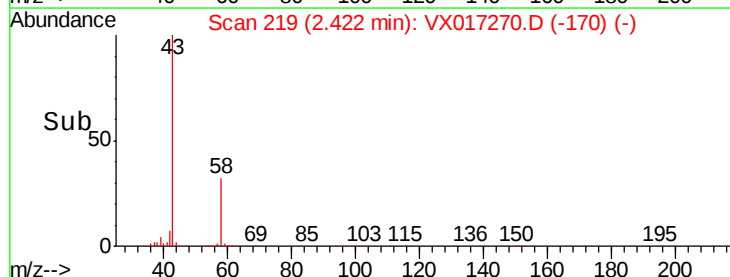
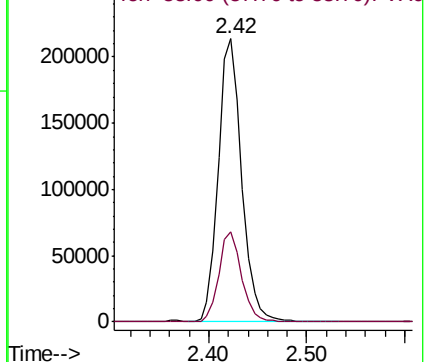
Ion Ratio Lower Upper

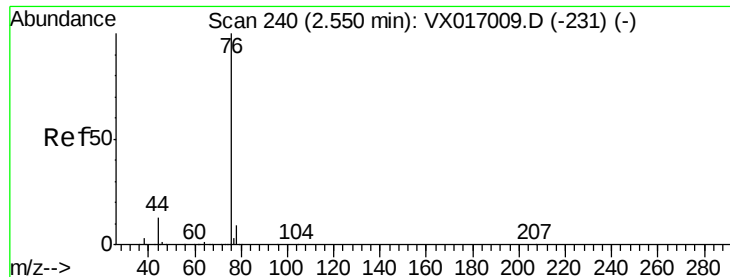
43 100

58 31.7 25.7 38.5



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





#17

Carbon Disulfide

Concen: 43.868 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

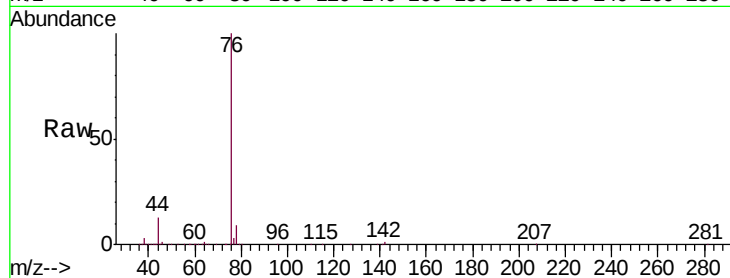
VSTDCCC050EC

Tgt Ion: 76 Resp: 350708

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

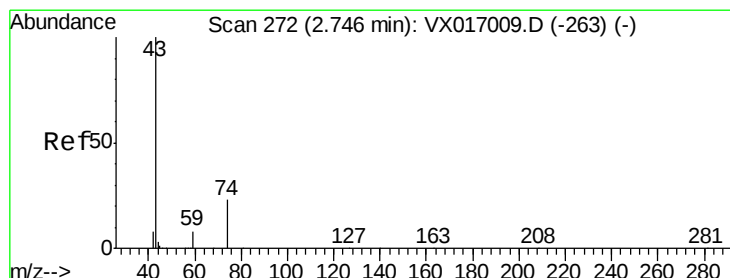
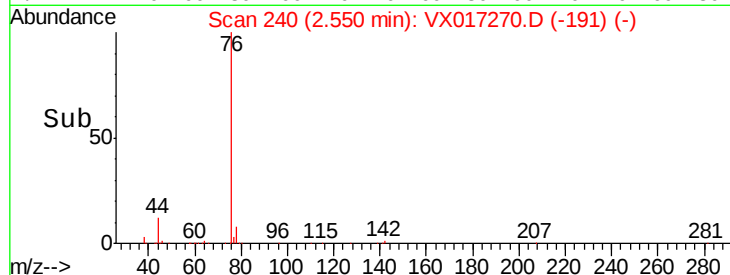
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 55.315 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017270.D

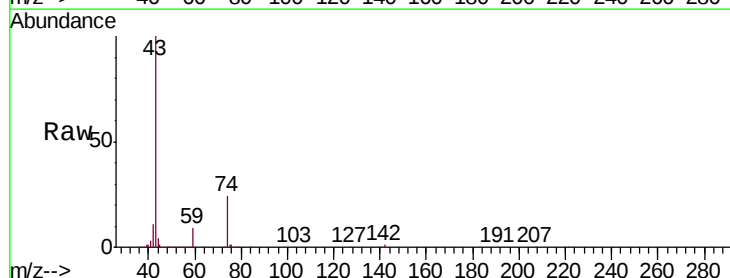
Acq: 08 Jul 2020 20:46

Tgt Ion: 43 Resp: 192850

Ion Ratio Lower Upper

43 100

74 24.2 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

40000

20000

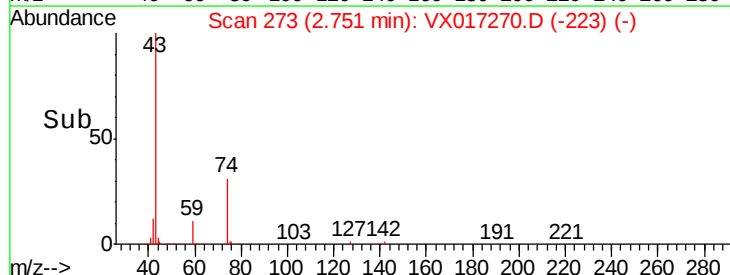
0

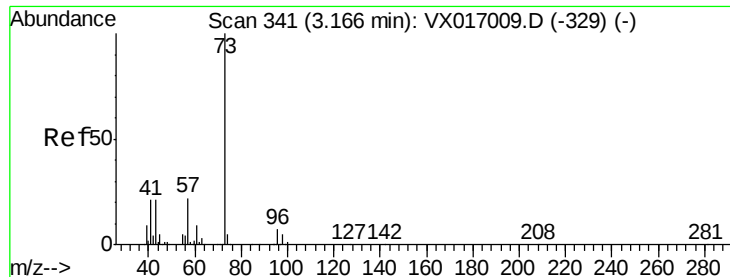
2.75

2.80

2.85

Time-->





#19

Methyl tert-butyl Ether

Concen: 50.833 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

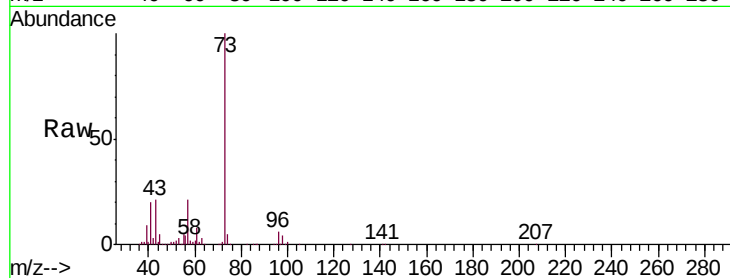
VSTDCCC050EC

Tgt Ion: 73 Resp: 488796

Ion Ratio Lower Upper

73 100

57 20.9 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

250000

200000

150000

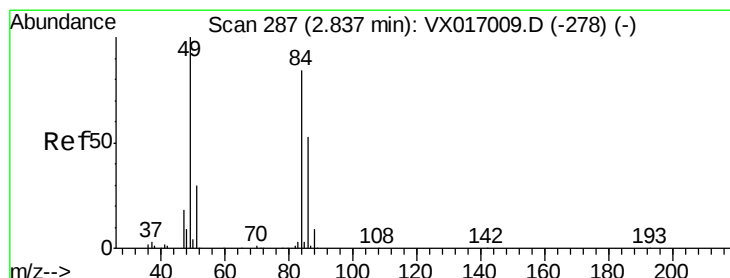
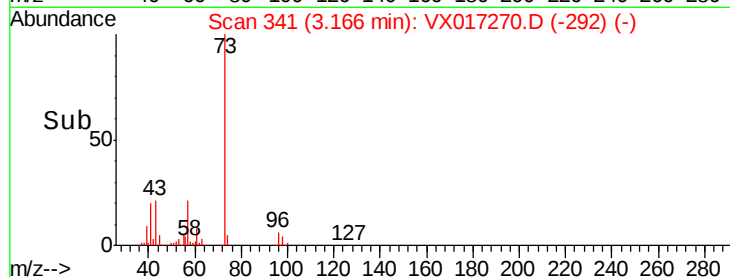
100000

50000

0

3.00 3.10 3.20 3.30

Time-->



#20

Methylene Chloride

Concen: 50.548 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion: 84 Resp: 154800

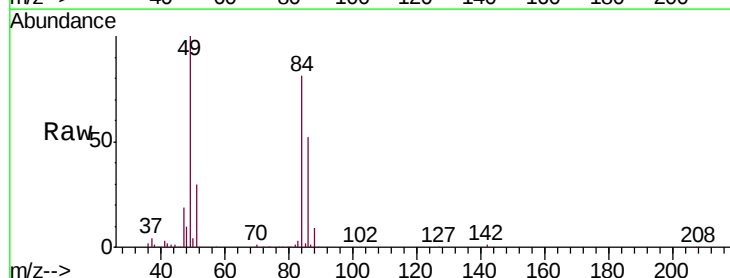
Ion Ratio Lower Upper

84 100

49 122.7 94.7 142.1

51 37.0 28.6 42.8

86 64.0 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

150000

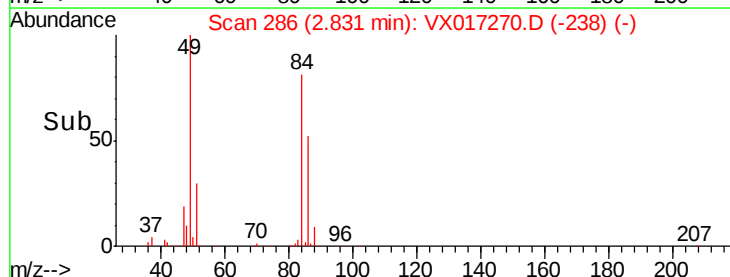
100000

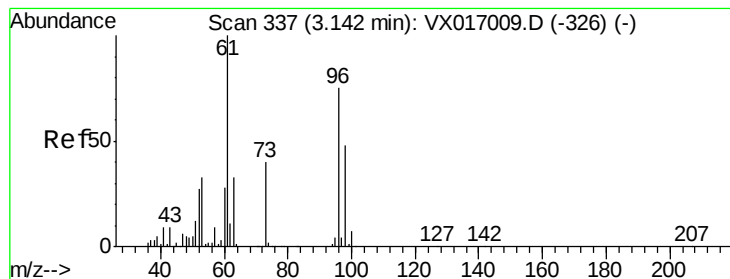
50000

0

2.70 2.80 2.90 3.00

Time-->





#21

trans-1,2-Dichloroethene

Concen: 46.543 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

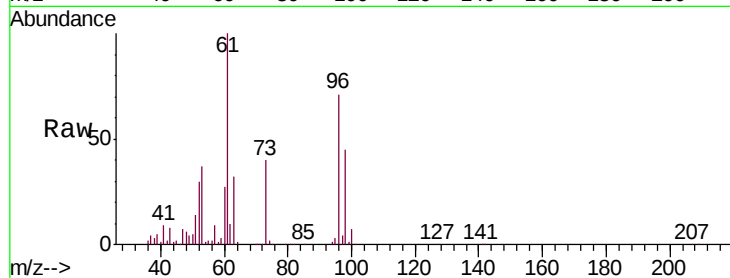
Tgt Ion: 96 Resp: 147983

Ion Ratio Lower Upper

96 100

61 140.6 107.0 160.6

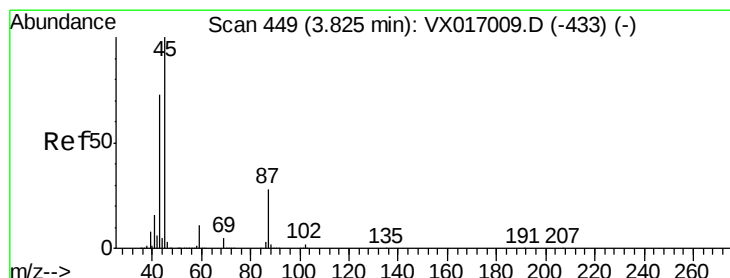
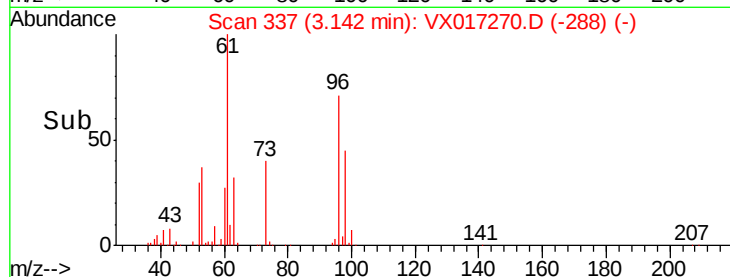
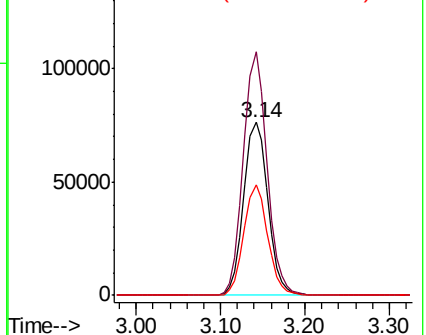
98 63.6 51.6 77.4



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: 48.583 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion: 45 Resp: 476115

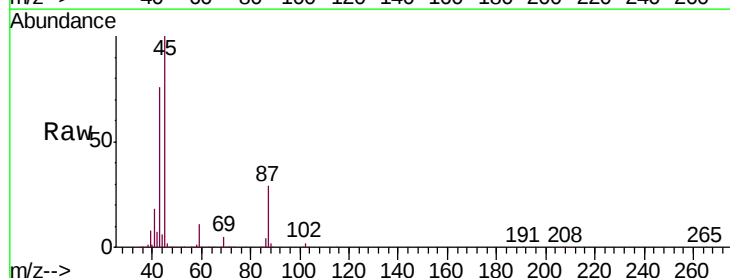
Ion Ratio Lower Upper

45 100

43 76.4 58.6 88.0

87 28.5 22.6 34.0

59 11.3 8.7 13.1

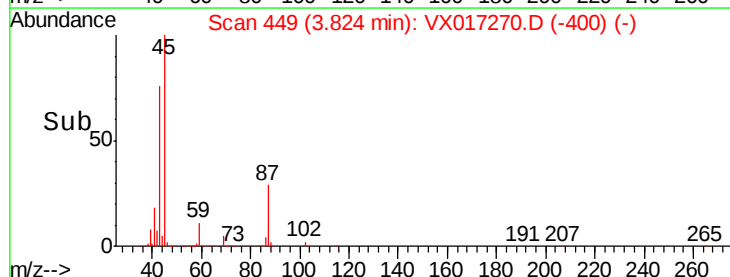
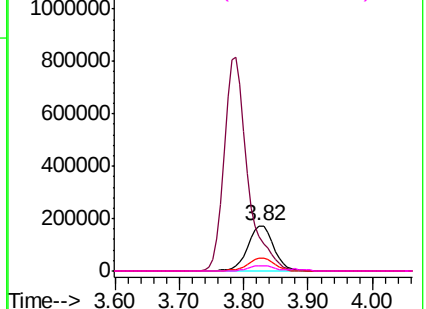


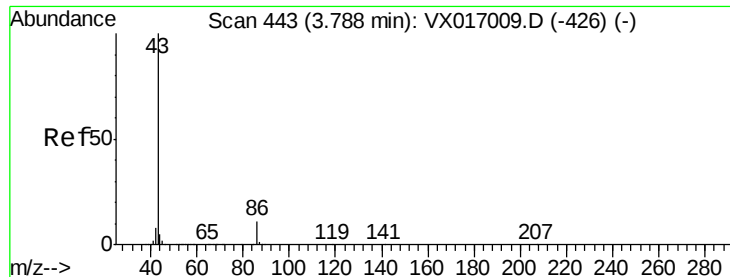
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

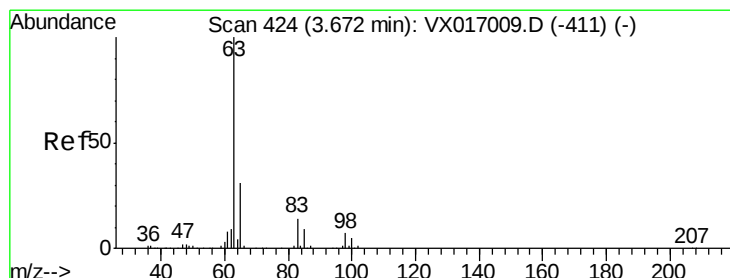
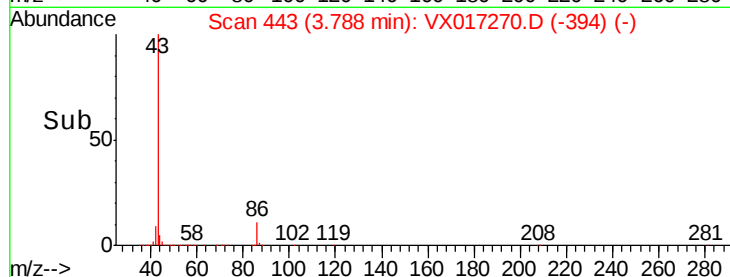
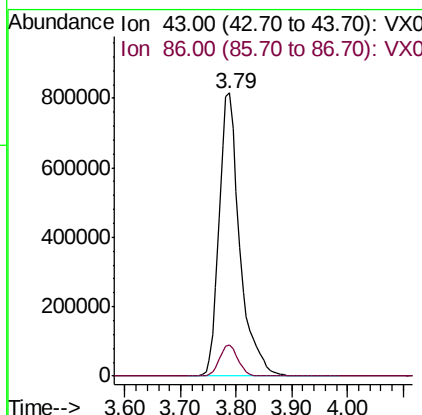
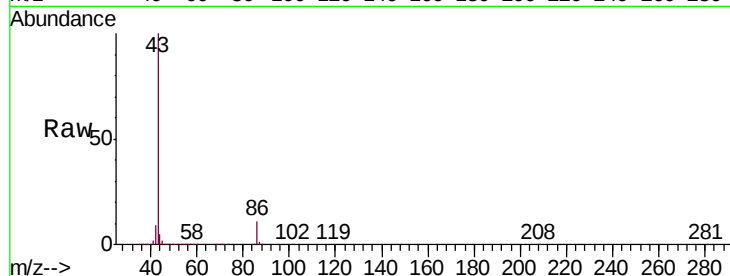




#23
 Vinyl Acetate
 Concen: 248.683 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

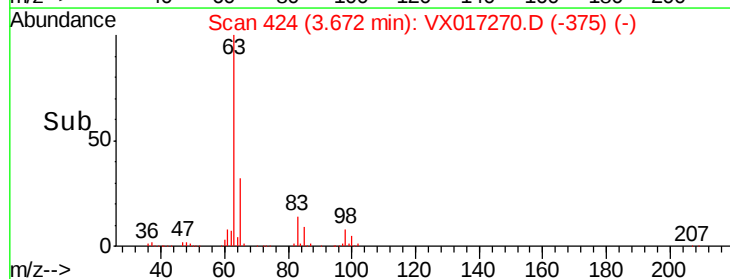
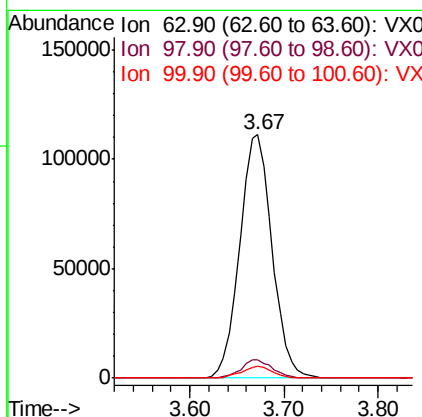
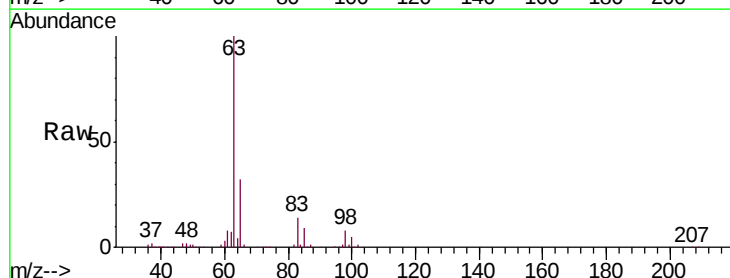
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

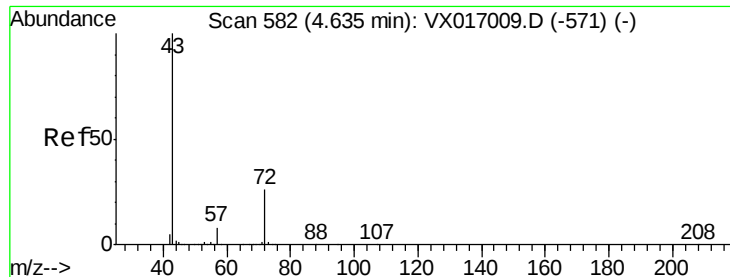
Tgt Ion: 43 Resp: 2094213
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 47.889 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion: 63 Resp: 267036
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.0 2.4 7.1

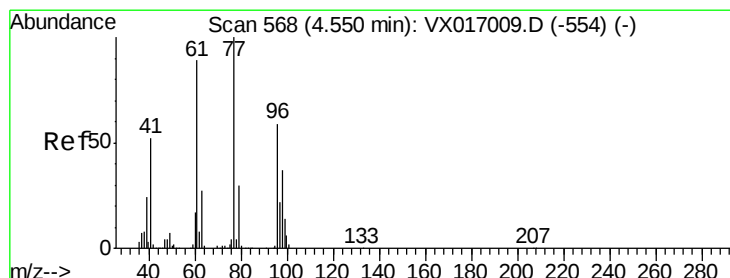
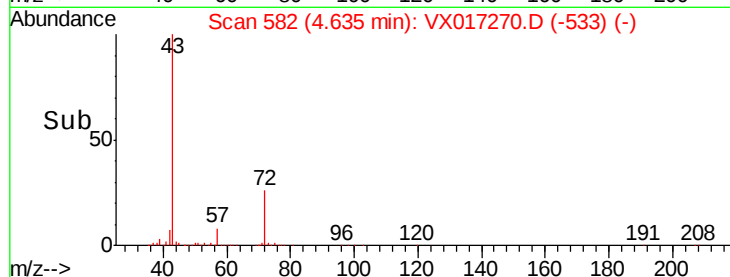
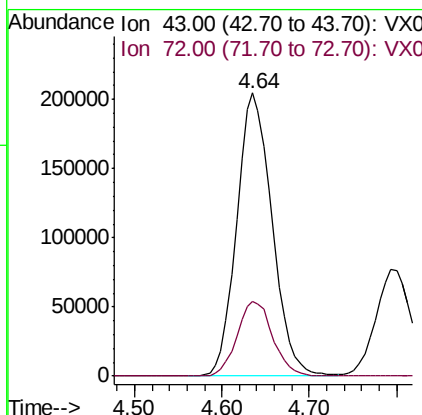
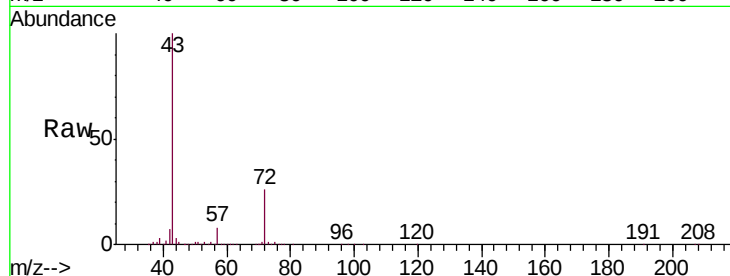




#25
2-Butanone
Concen: 257.470 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

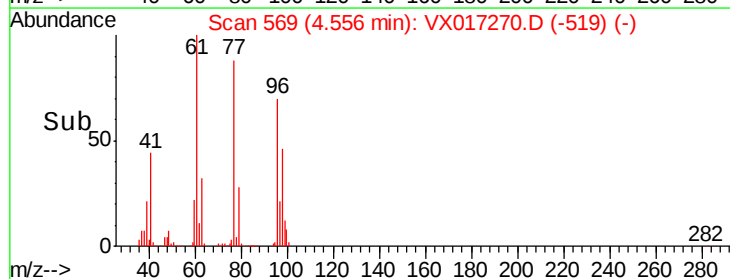
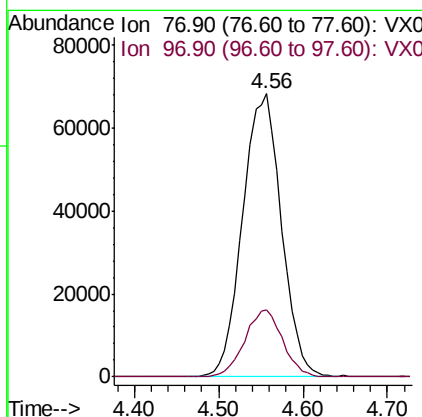
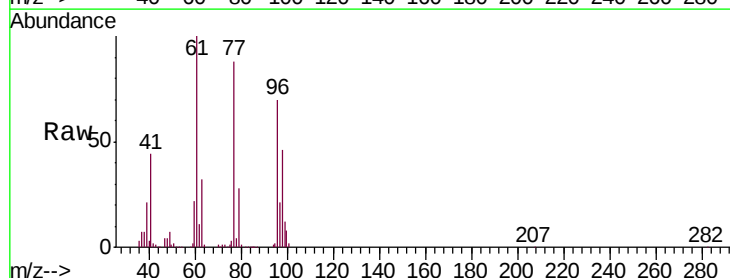
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

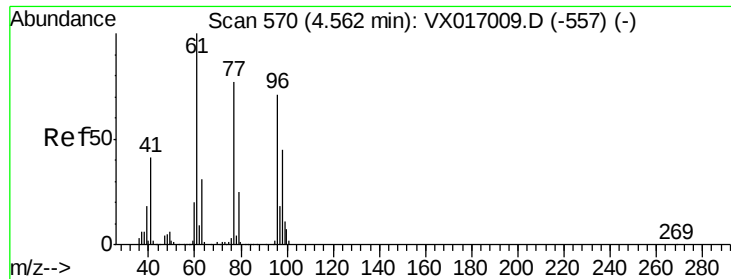
Tgt Ion: 43 Resp: 572957
Ion Ratio Lower Upper
43 100
72 26.3 20.8 31.2



#26
2,2-Dichloropropane
Concen: 43.091 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 77 Resp: 213350
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2



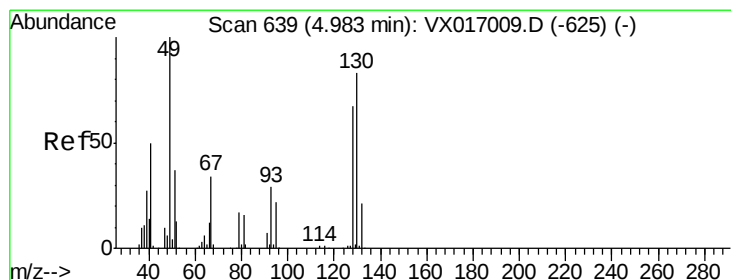
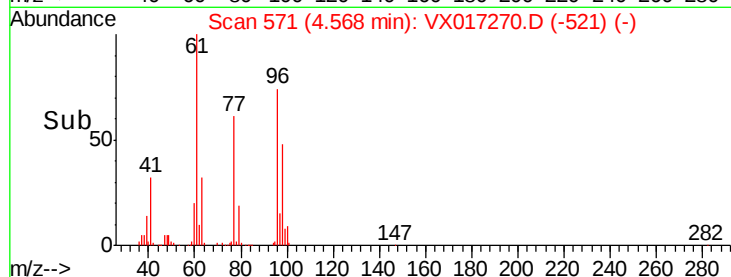
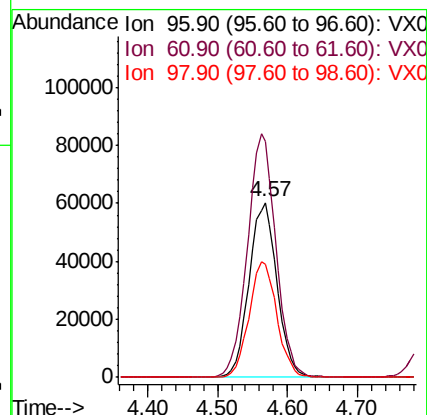
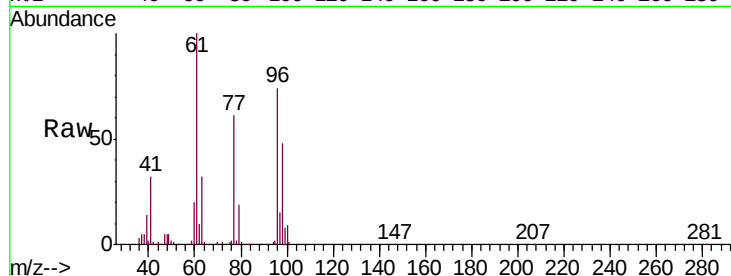


#27

cis-1,2-Dichloroethene
Concen: 46.405 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

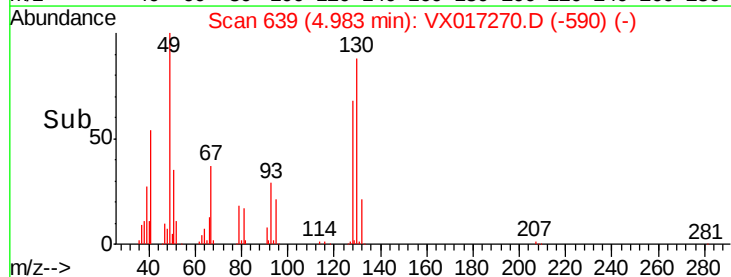
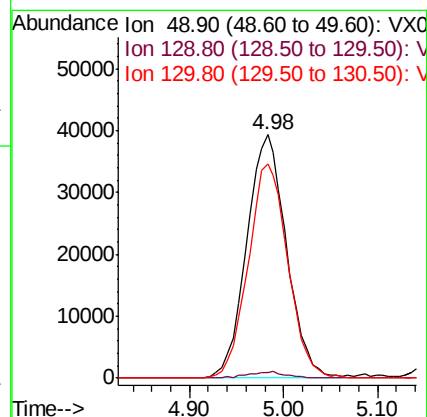
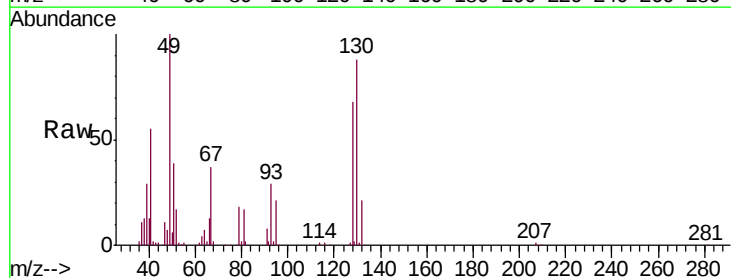
Tgt Ion: 96 Resp: 167178
Ion Ratio Lower Upper
96 100
61 142.2 0.0 282.8
98 65.6 0.0 127.6

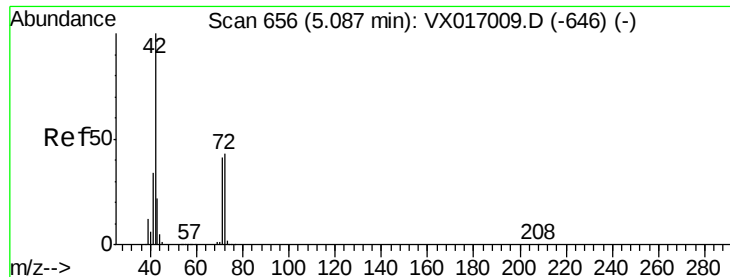


#28

Bromochloromethane
Concen: 42.909 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 49 Resp: 116431
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.2
130 87.8 66.6 100.0

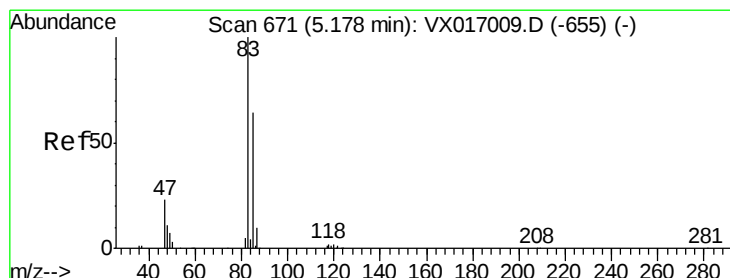
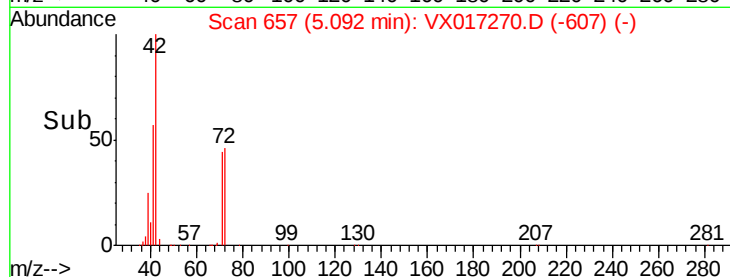
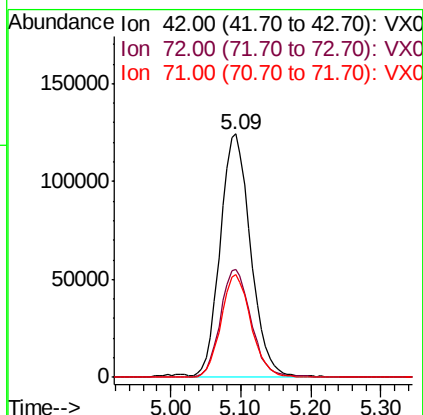
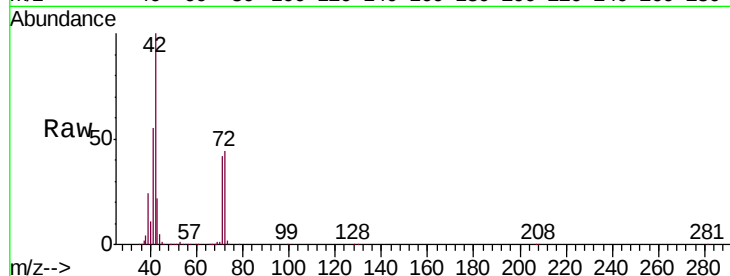




#29
Tetrahydrofuran
Concen: 254.542 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

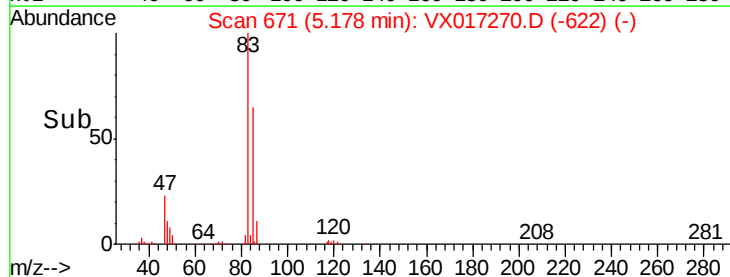
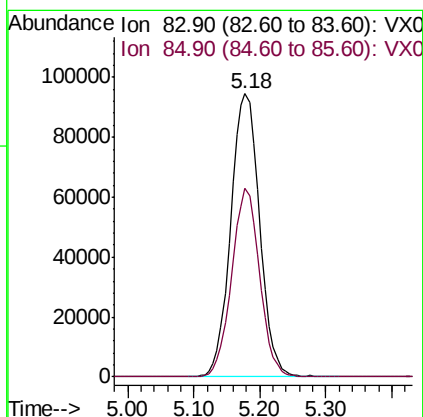
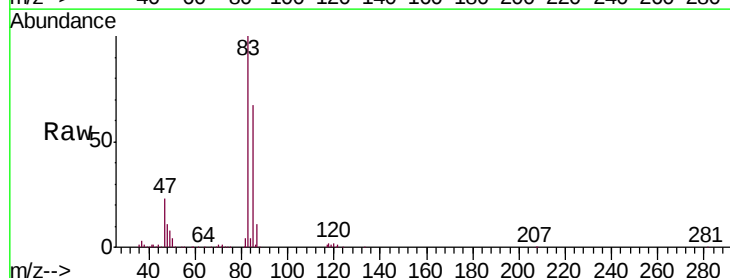
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

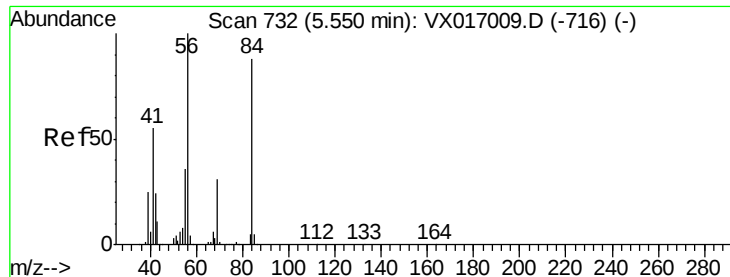
Tgt Ion: 42 Resp: 374260
Ion Ratio Lower Upper
42 100
72 45.3 35.3 52.9
71 41.8 33.1 49.7



#30
Chloroform
Concen: 50.039 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 83 Resp: 286029
Ion Ratio Lower Upper
83 100
85 66.9 51.4 77.2





#31

Cyclohexane

Concen: 44.840 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

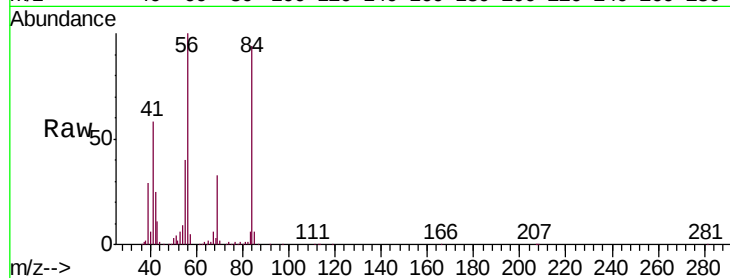
Tgt Ion: 56 Resp: 216123

Ion Ratio Lower Upper

56 100

69 33.0 25.0 37.4

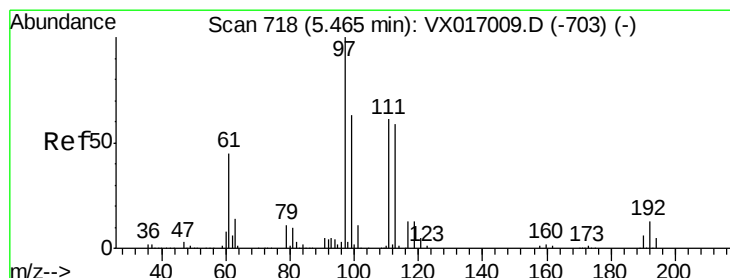
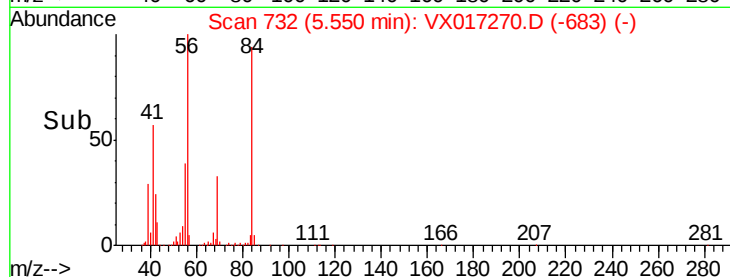
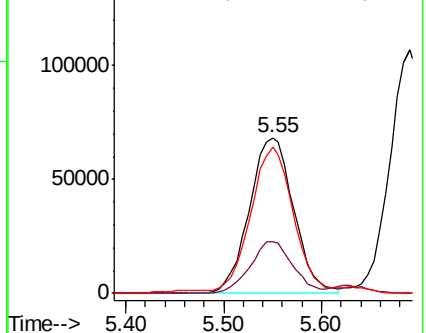
84 92.4 69.1 103.7



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: 50.233 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

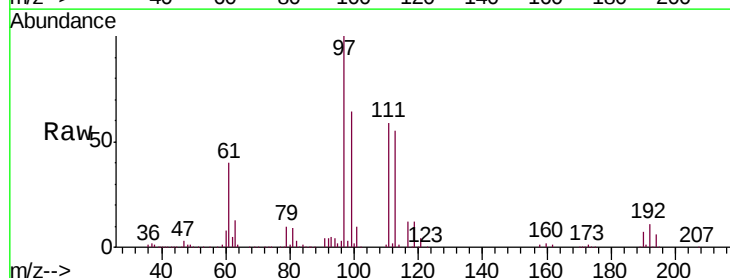
Tgt Ion: 97 Resp: 264444

Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

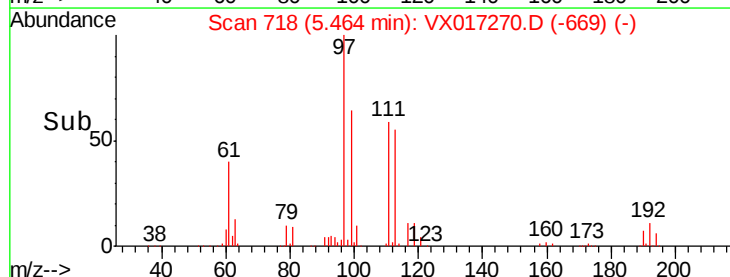
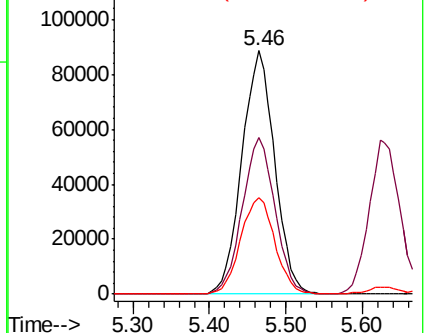
61 41.3 33.7 50.5

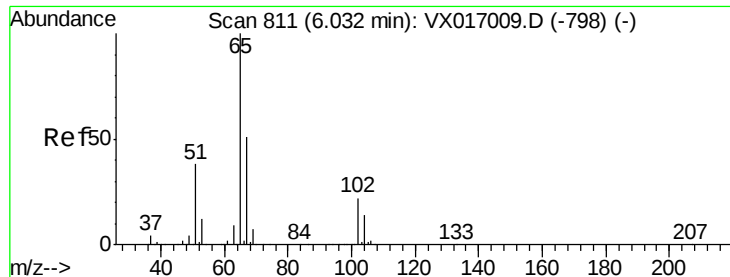


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.410 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

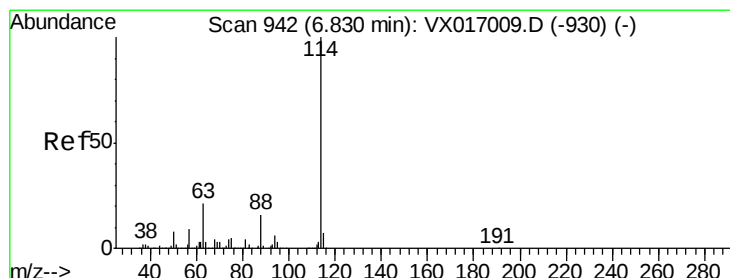
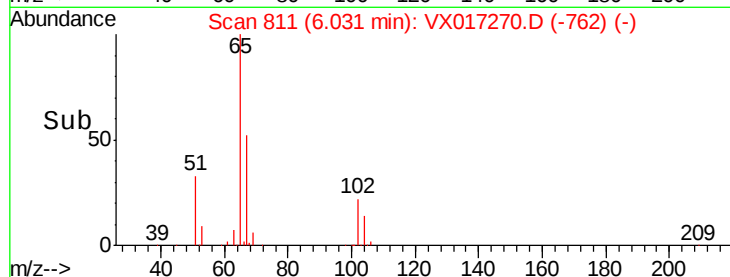
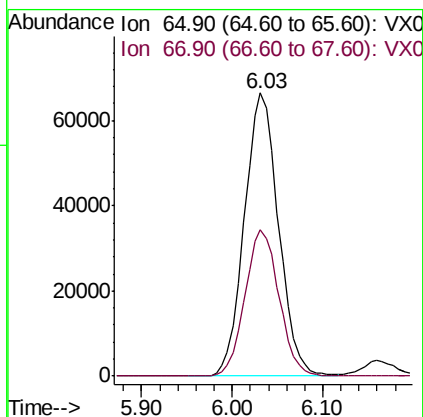
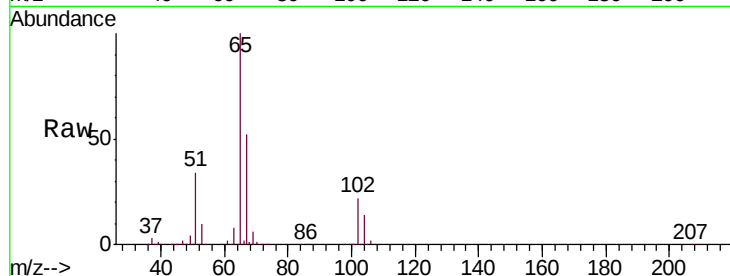
VSTDCCC050EC

Tgt Ion: 65 Resp: 172825

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

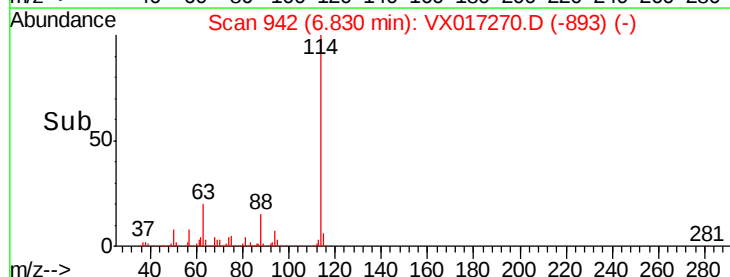
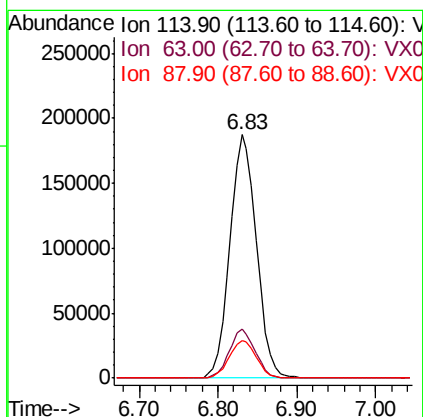
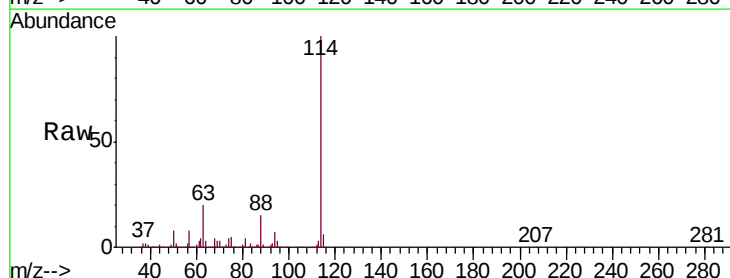
Tgt Ion: 114 Resp: 437786

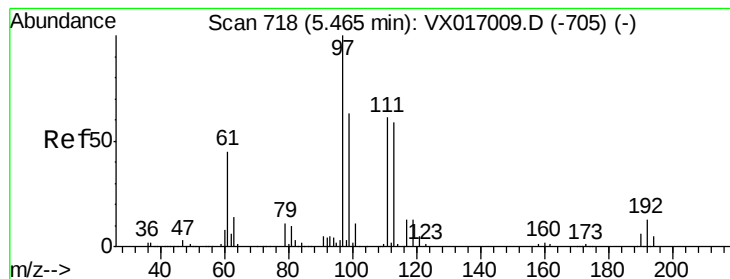
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

88 15.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.239 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

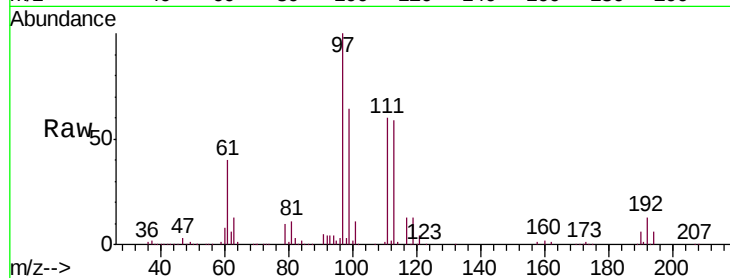
Tgt Ion:113 Resp: 141896

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

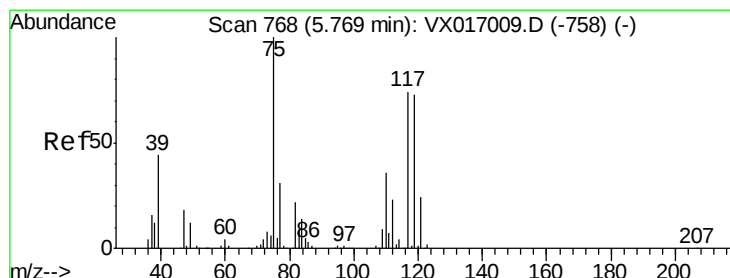
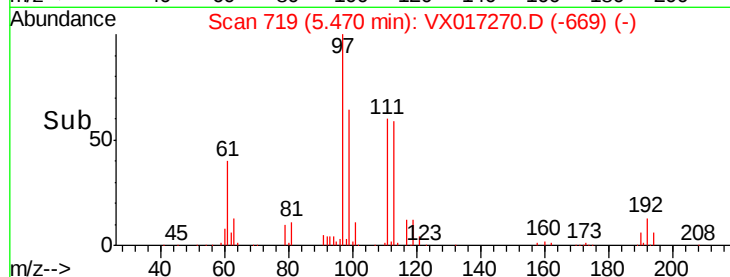
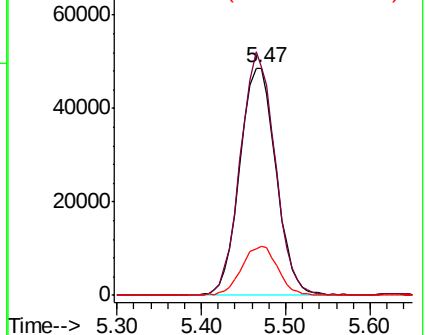
192 21.5 16.7 25.1



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: 48.354 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

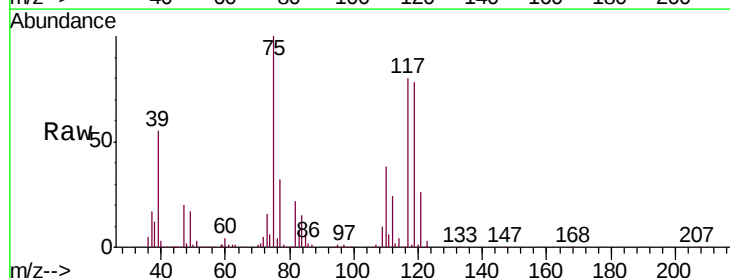
Tgt Ion: 75 Resp: 200069

Ion Ratio Lower Upper

75 100

110 37.5 18.1 54.1

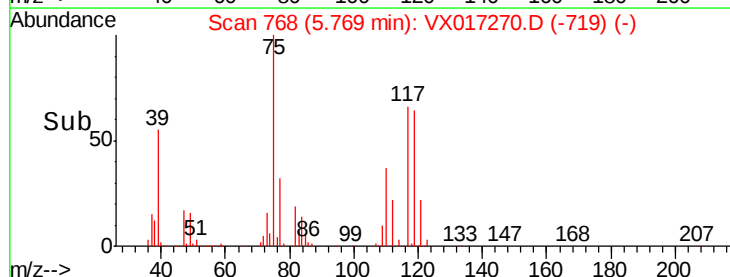
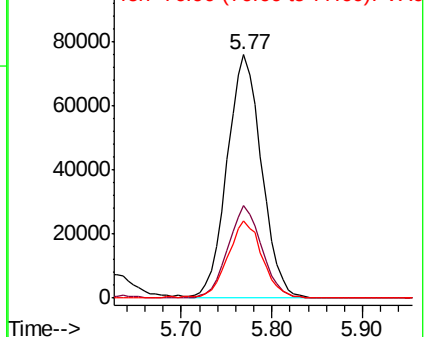
77 31.6 24.6 37.0

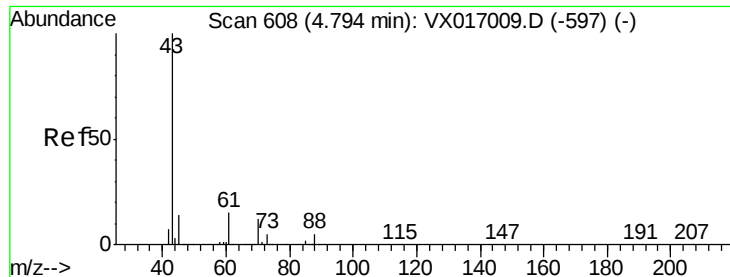


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.362 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

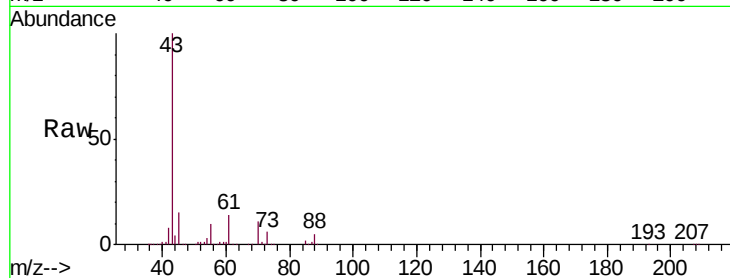
Tgt Ion: 43 Resp: 219819

Ion Ratio Lower Upper

43 100

61 14.3 11.0 16.4

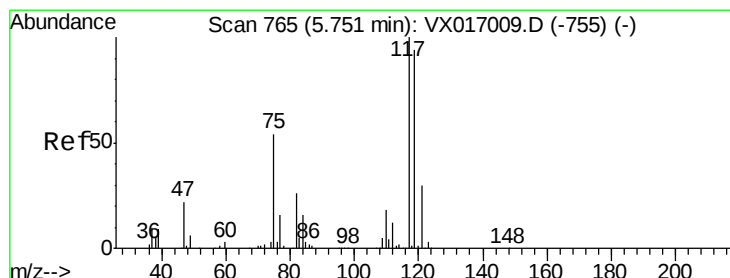
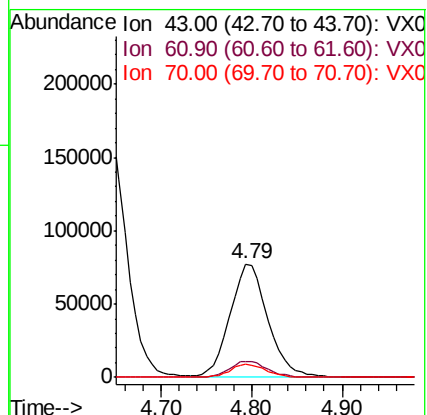
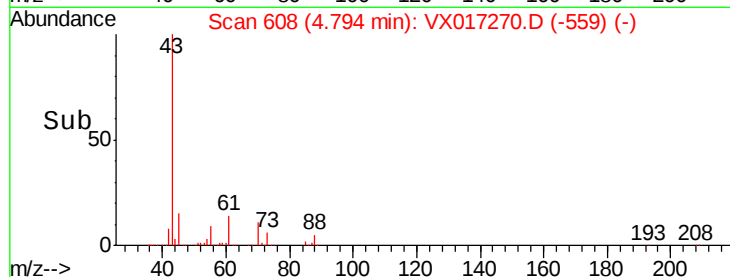
70 11.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX017270.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VX017270.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX017270.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 52.757 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

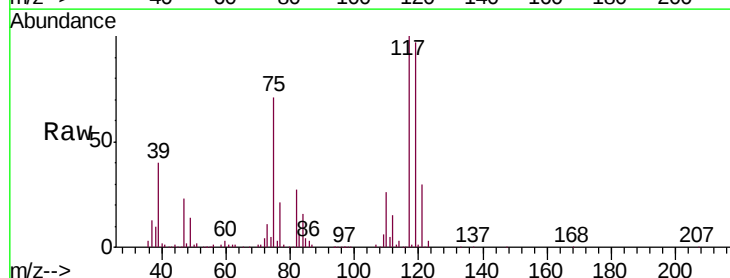
Tgt Ion: 117 Resp: 240427

Ion Ratio Lower Upper

117 100

119 96.7 75.4 113.0

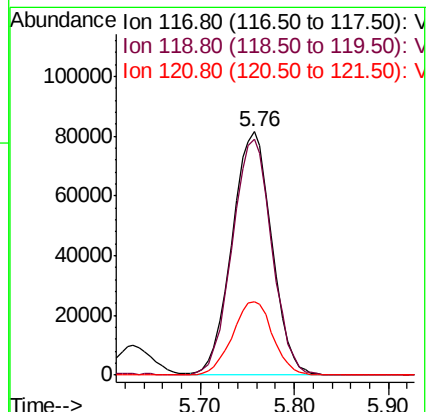
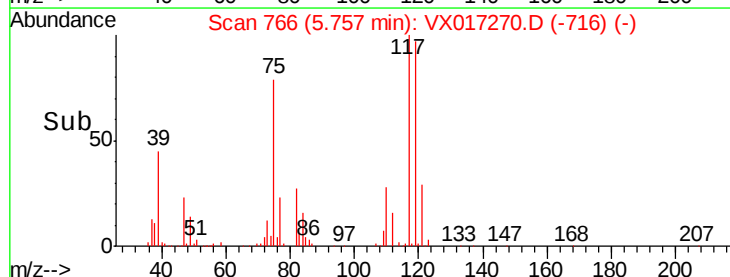
121 30.0 23.8 35.6

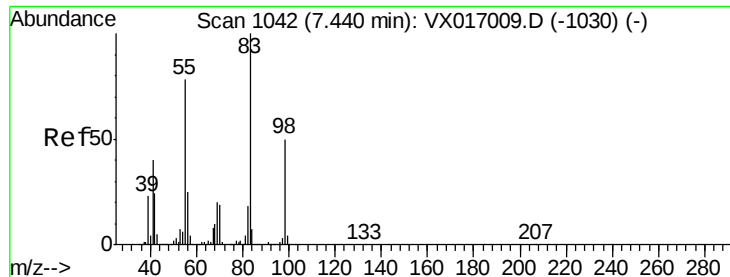


Abundance Ion 116.80 (116.50 to 117.50): VX017270.D (-716) (-)

Ion 118.80 (118.50 to 119.50): VX017270.D (-716) (-)

Ion 120.80 (120.50 to 121.50): VX017270.D (-716) (-)

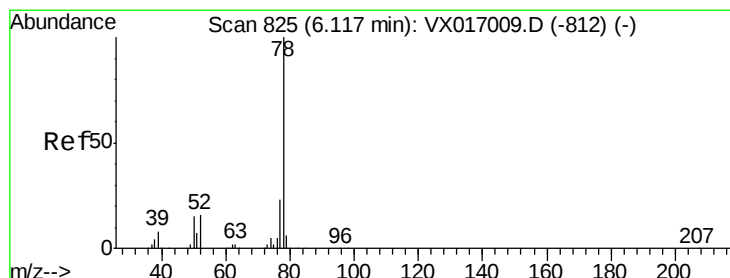
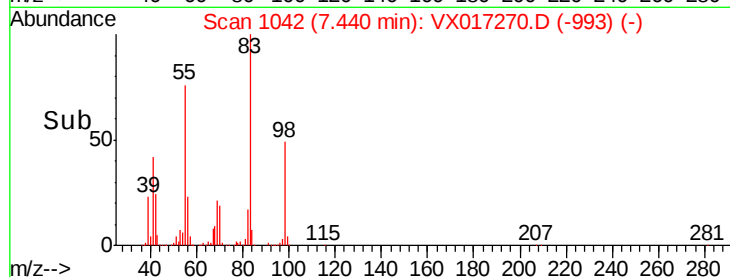
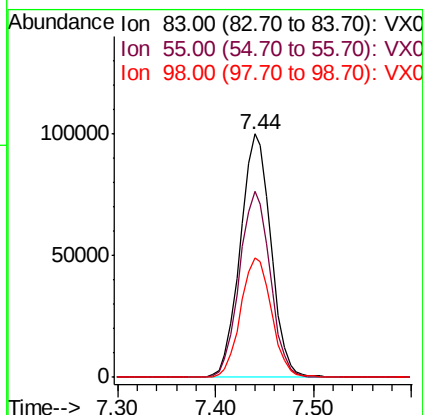
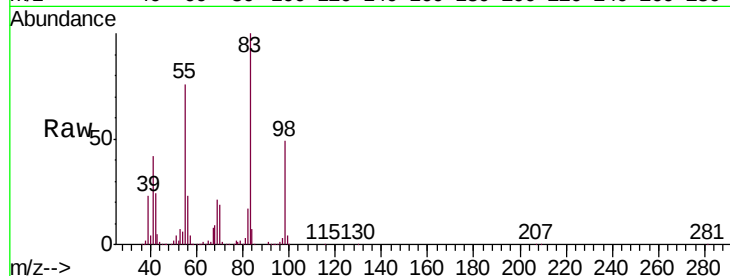




#39
Methylcyclohexane
Concen: 47.083 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

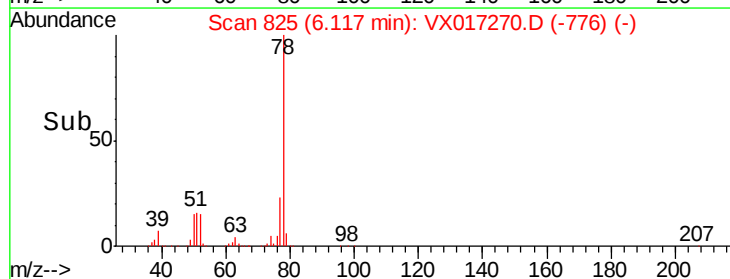
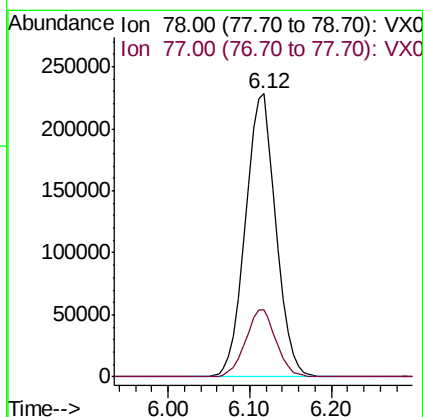
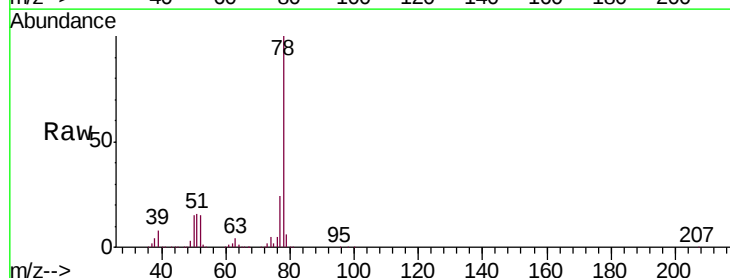
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

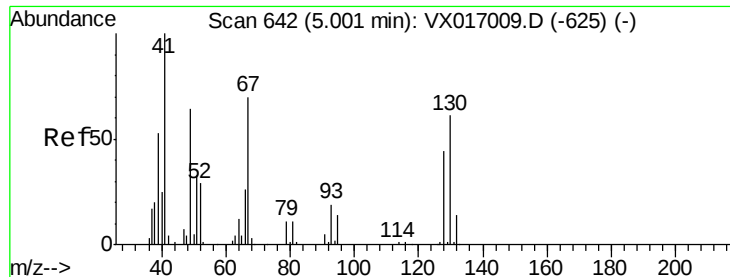
Tgt Ion: 83 Resp: 216752
Ion Ratio Lower Upper
83 100
55 76.3 62.5 93.7
98 49.0 40.1 60.1



#40
Benzene
Concen: 48.804 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 78 Resp: 593310
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5

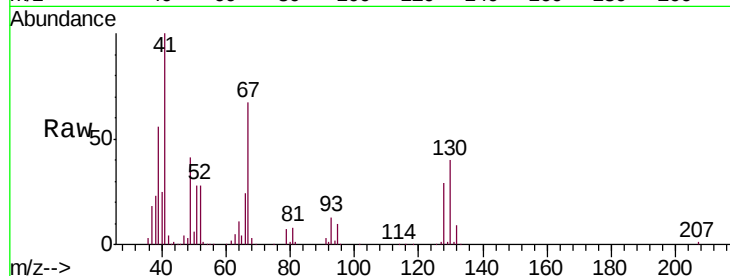




#41
Methacrylonitrile
Concen: 51.865 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	122546
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.4	66.6
67	71.8	57.1	85.7
52	30.7	23.2	34.8



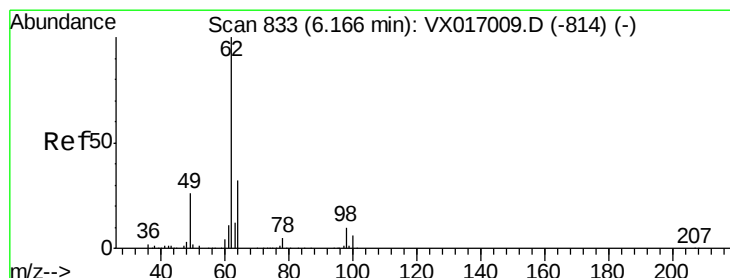
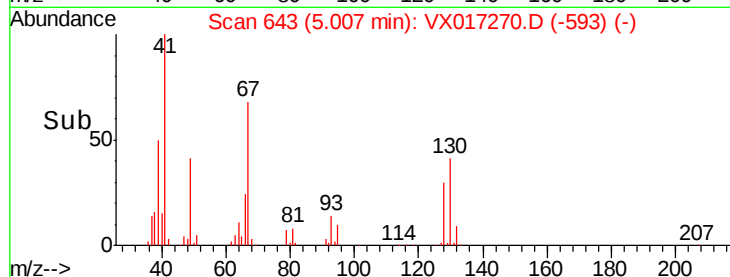
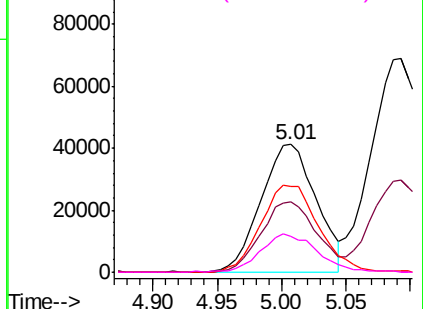
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

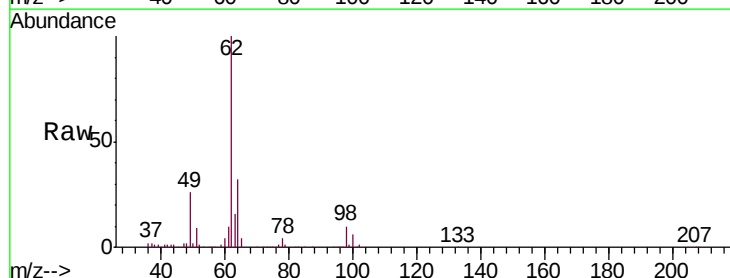
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 52.629 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

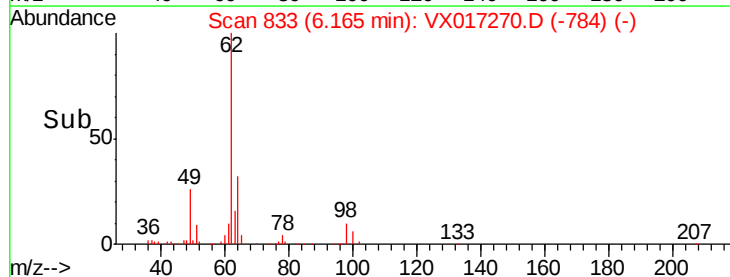
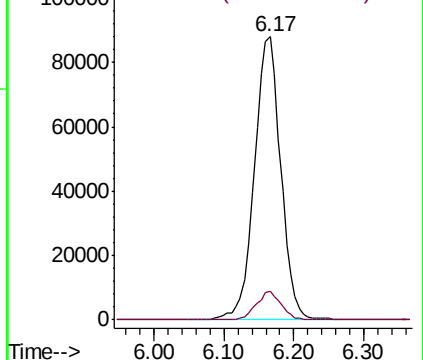
Tgt Ion:	62	Resp:	231103
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

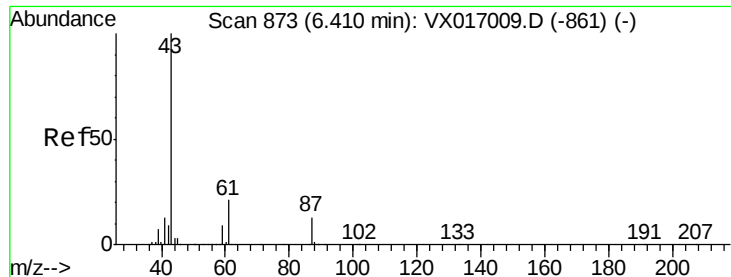


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.068 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

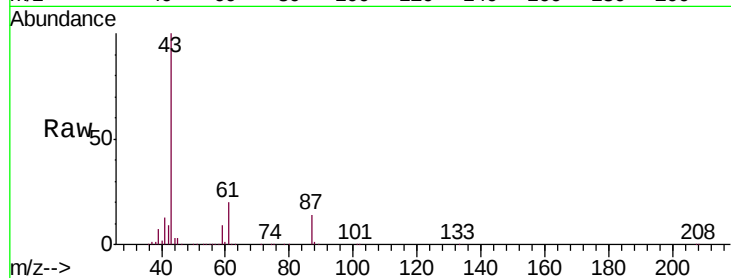
Tgt Ion: 43 Resp: 363227

Ion Ratio Lower Upper

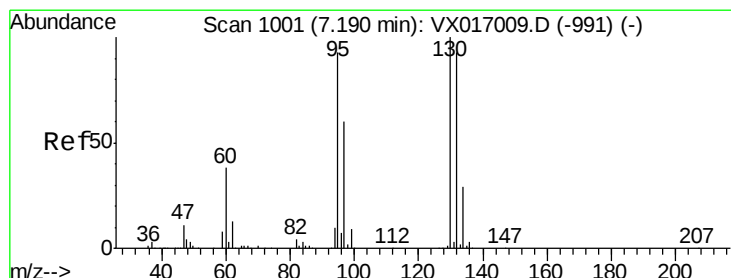
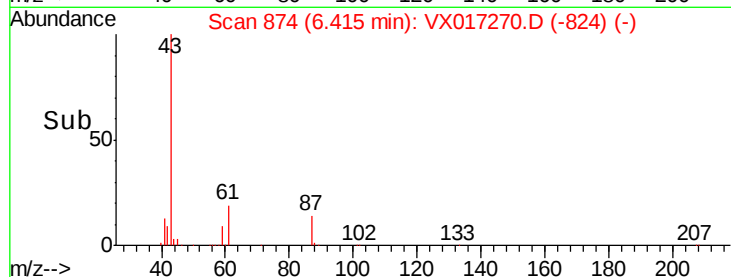
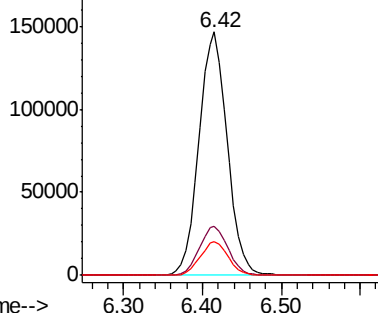
43 100

61 20.6 16.2 24.2

87 14.0 10.7 16.1



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: 52.989 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017270.D

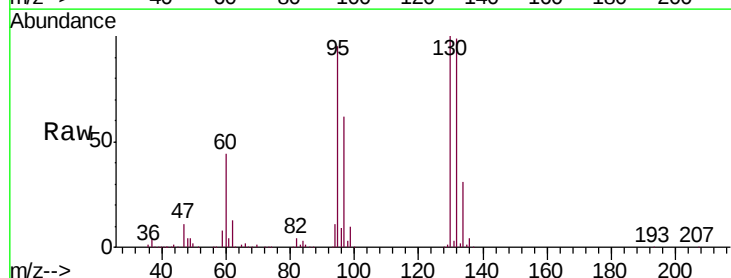
Acq: 08 Jul 2020 20:46

Tgt Ion: 130 Resp: 177700

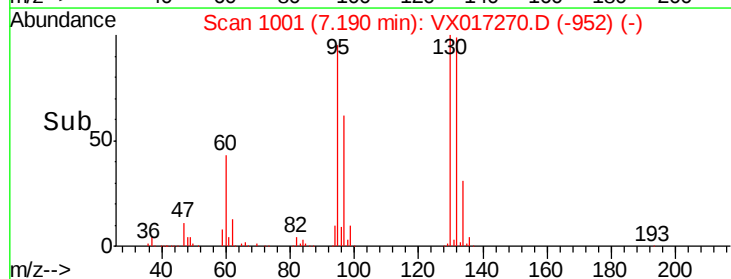
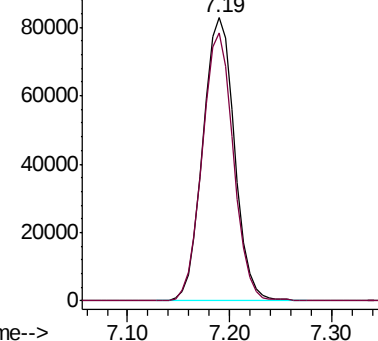
Ion Ratio Lower Upper

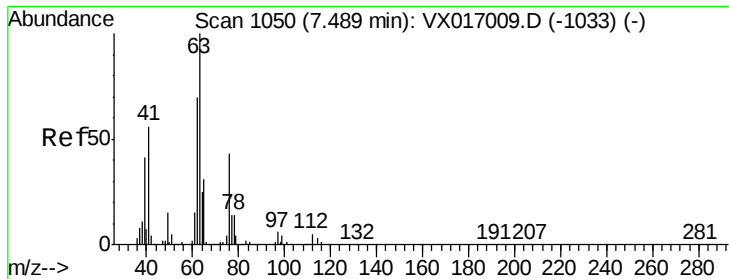
130 100

95 94.8 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

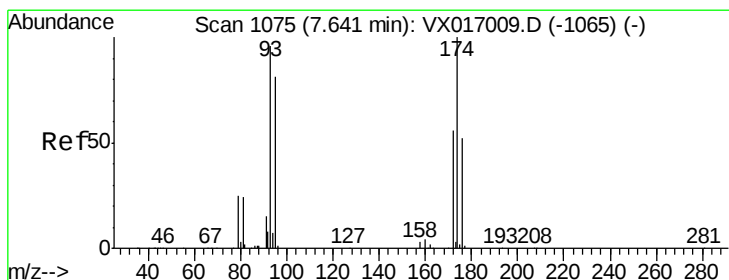
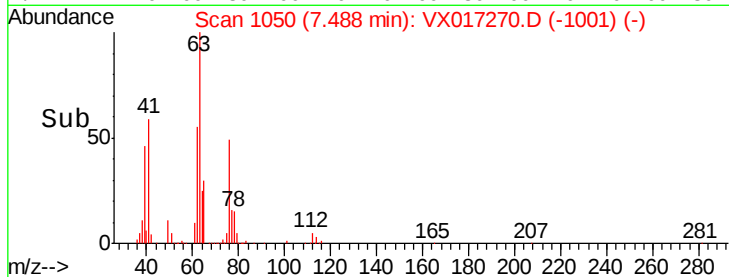
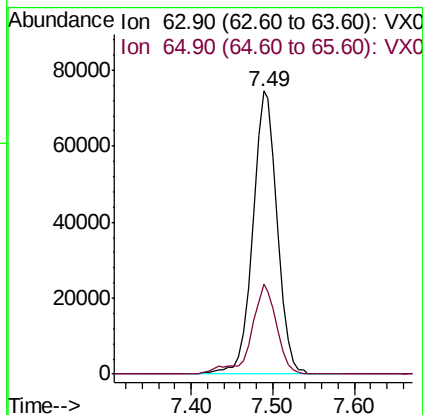
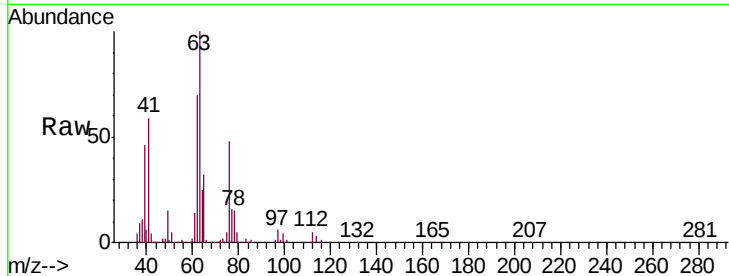




#45
 1,2-Dichloropropane
 Concen: 49.991 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

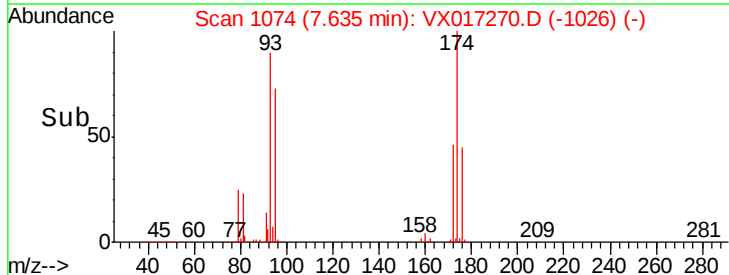
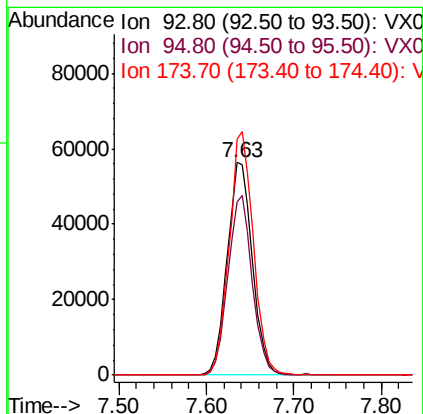
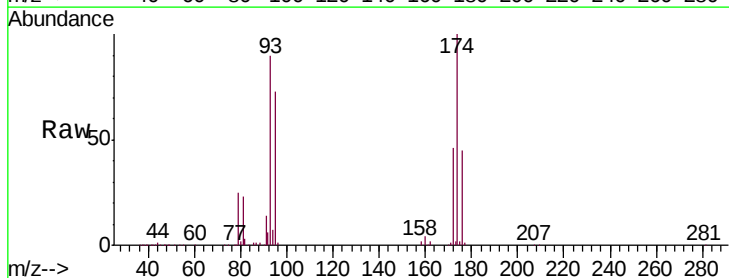
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

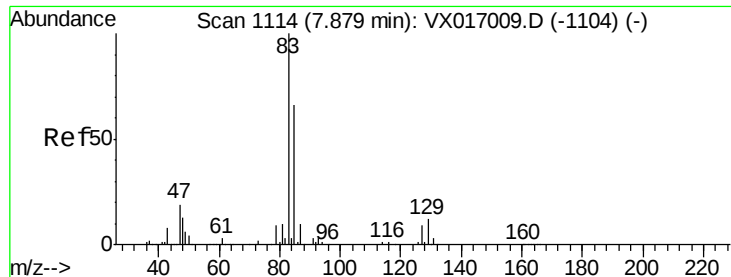
Tgt Ion: 63 Resp: 156093
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 36.8



#46
 Dibromomethane
 Concen: 52.841 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion: 93 Resp: 112644
 Ion Ratio Lower Upper
 93 100
 95 81.6 67.4 101.0
 174 110.4 84.3 126.5





#47

Bromodichloromethane

Concen: 53.544 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

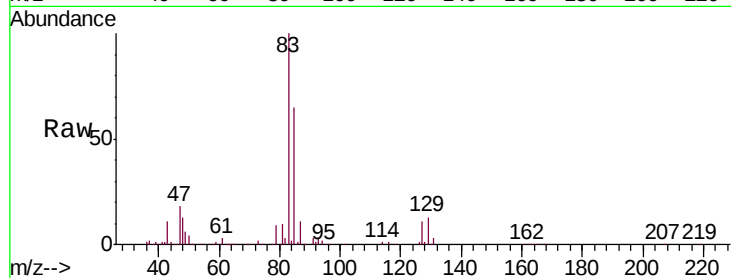
Tgt Ion: 83 Resp: 235228

Ion Ratio Lower Upper

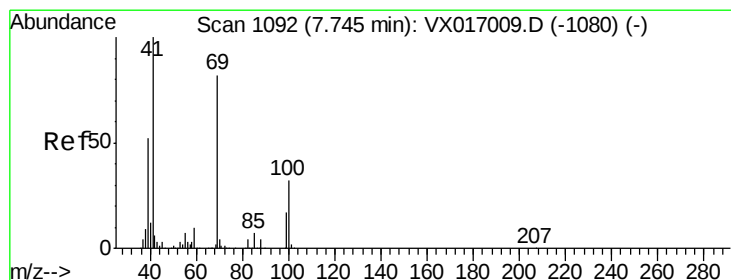
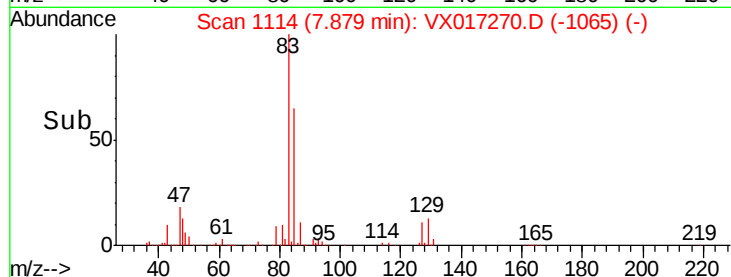
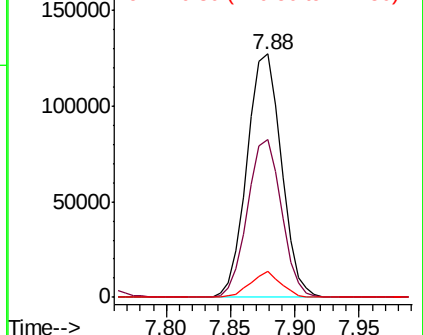
83 100

85 65.1 53.0 79.4

127 10.8 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.691 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

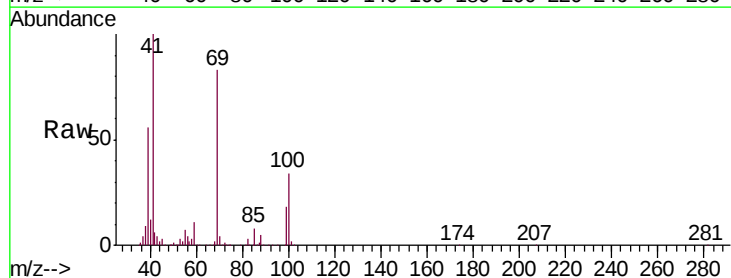
Tgt Ion: 41 Resp: 181260

Ion Ratio Lower Upper

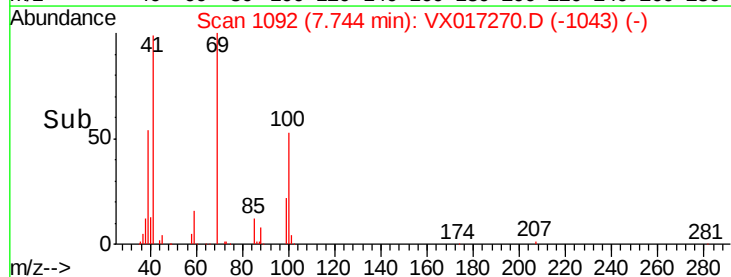
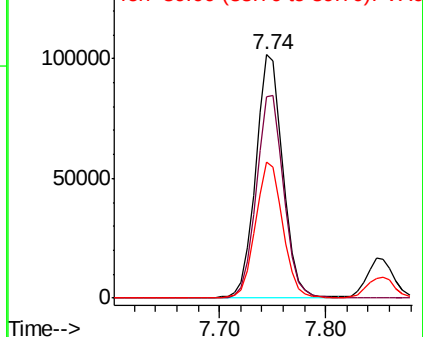
41 100

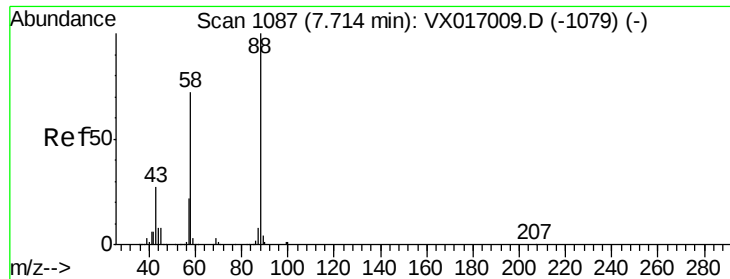
69 84.4 65.8 98.8

39 56.2 42.5 63.7



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: 970.856 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

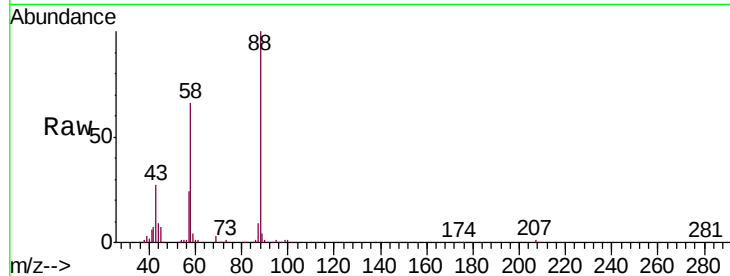
Tgt Ion: 88 Resp: 72895

Ion Ratio Lower Upper

88 100

43 32.4 25.8 38.8

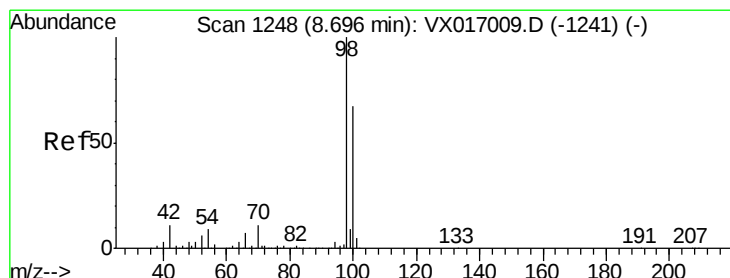
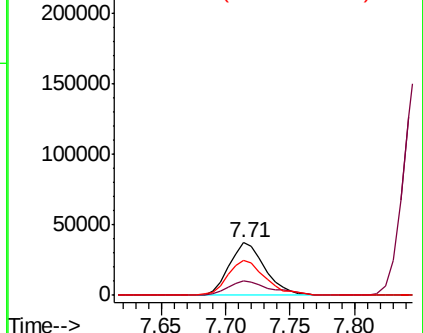
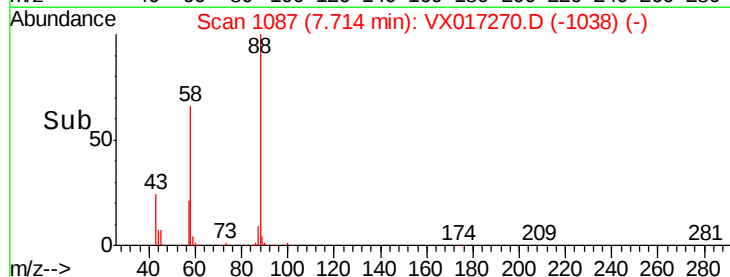
58 69.2 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.958 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017270.D

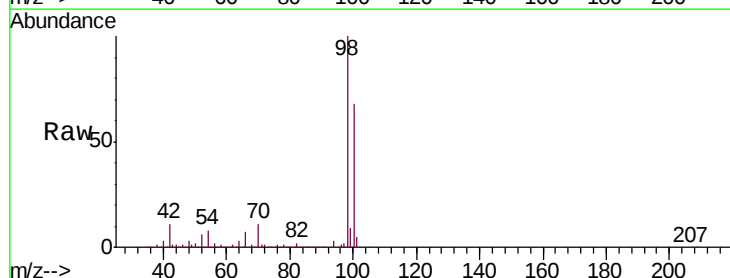
Acq: 08 Jul 2020 20:46

Tgt Ion: 98 Resp: 511581

Ion Ratio Lower Upper

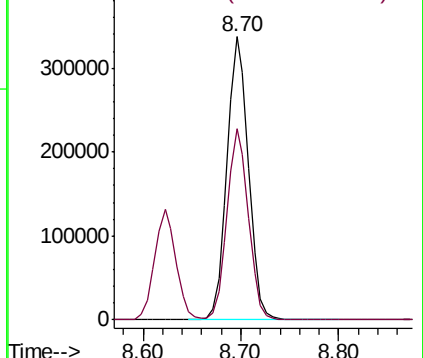
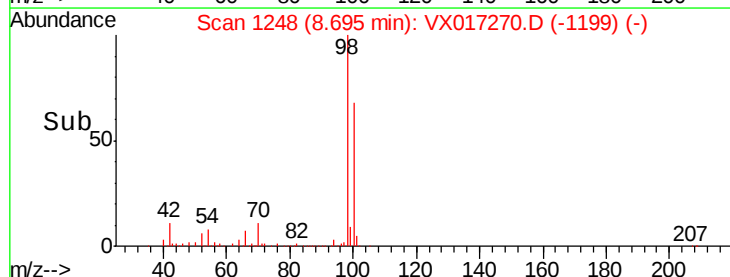
98 100

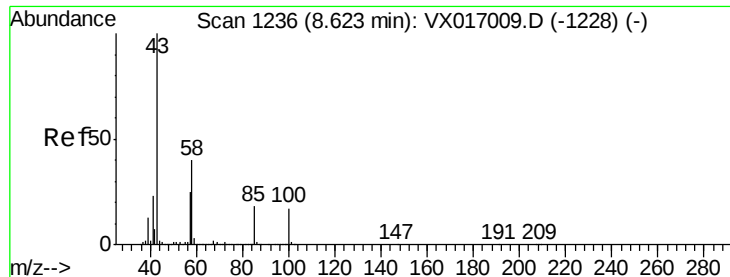
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

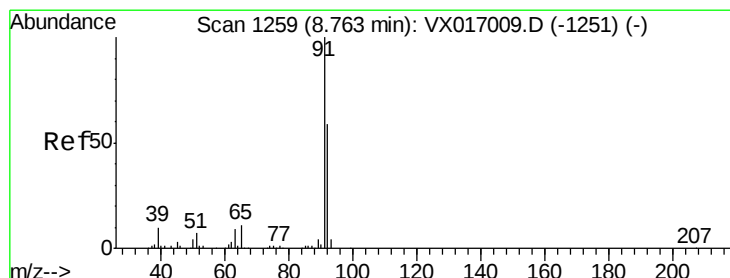
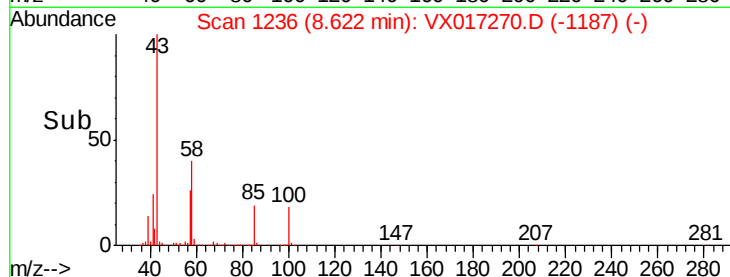
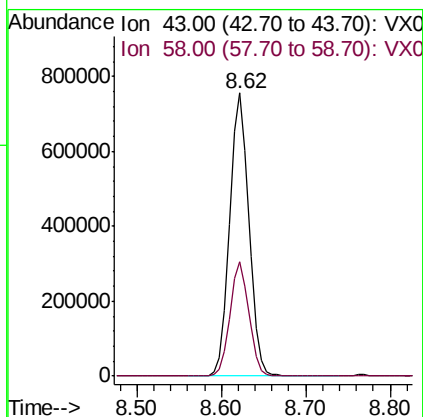
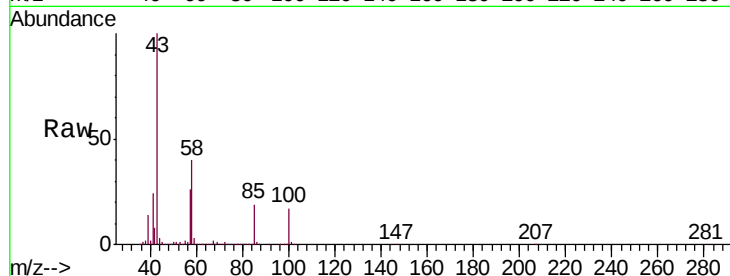




#51
 4-Methyl-2-Pentanone
 Concen: 280.034 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

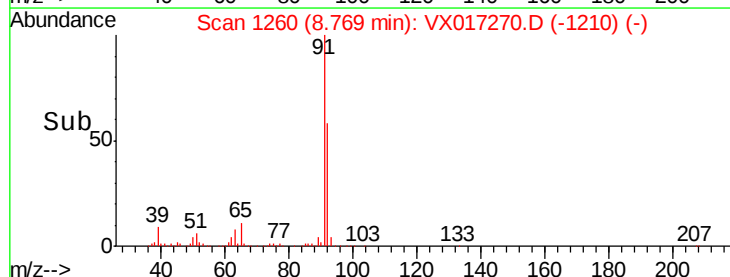
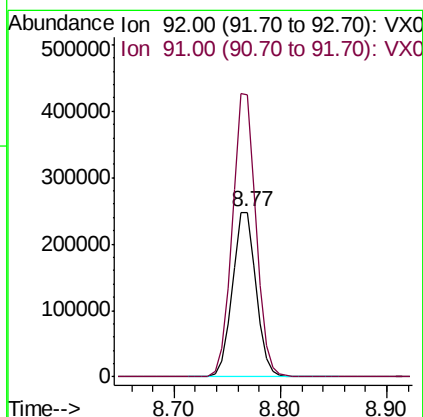
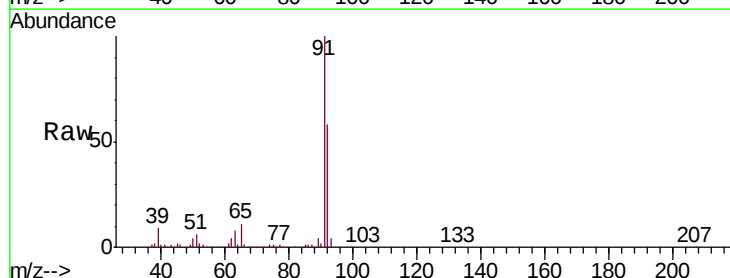
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

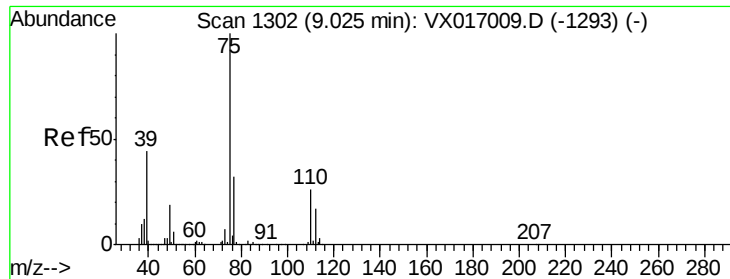
Tgt Ion: 43 Resp: 1164479
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.9 47.9



#52
 Toluene
 Concen: 51.094 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion: 92 Resp: 387809
 Ion Ratio Lower Upper
 92 100
 91 171.4 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 52.558 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

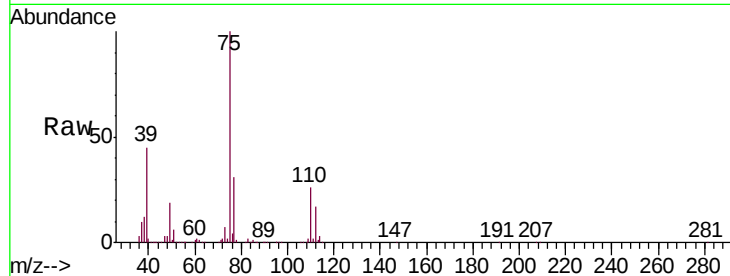
VSTDCCC050EC

Tgt Ion: 75 Resp: 254756

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

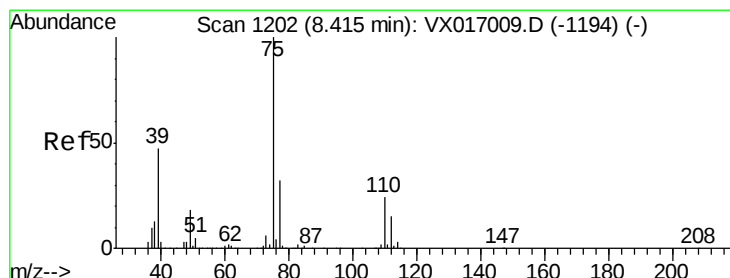
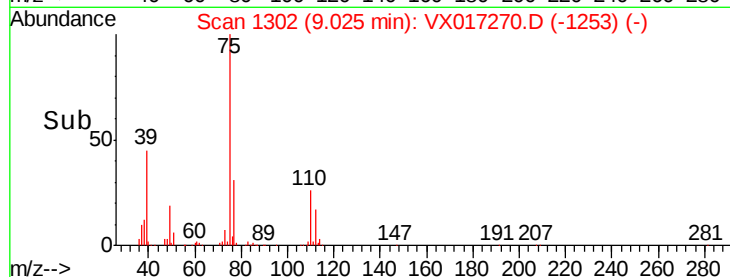
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 51.088 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

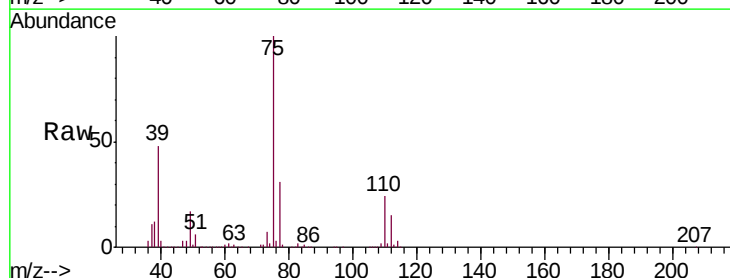
Tgt Ion: 75 Resp: 265457

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8

39 48.1 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

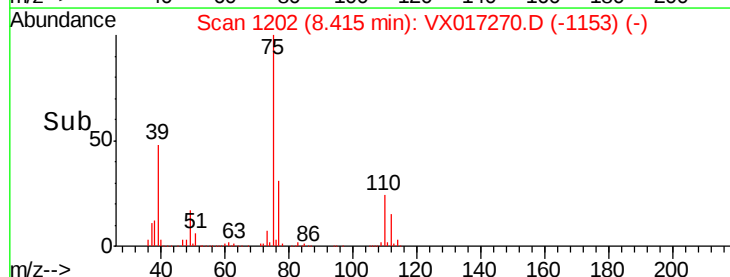
150000

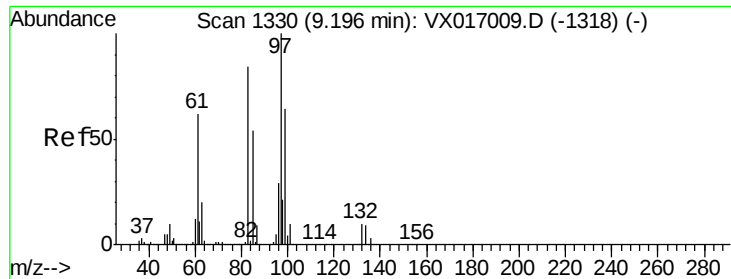
100000

50000

0

Time--> 8.30 8.40 8.50

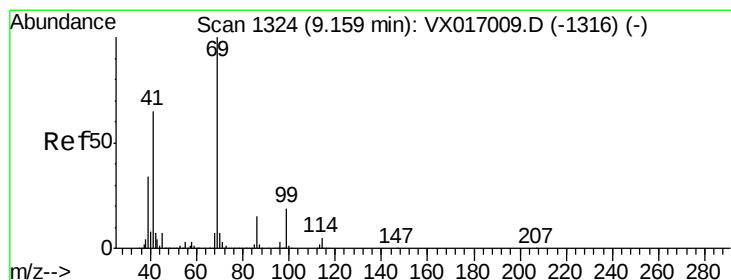
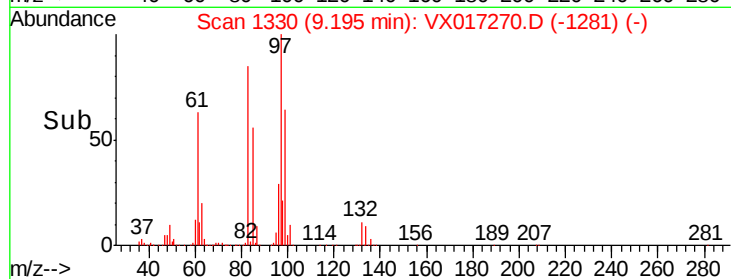
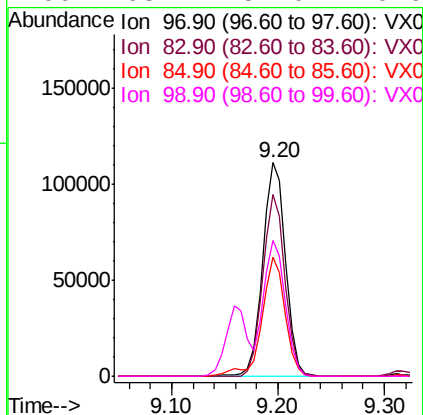
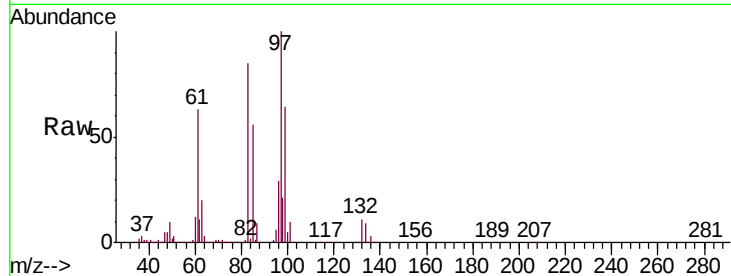




#55
 1,1,2-Trichloroethane
 Concen: 53.946 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

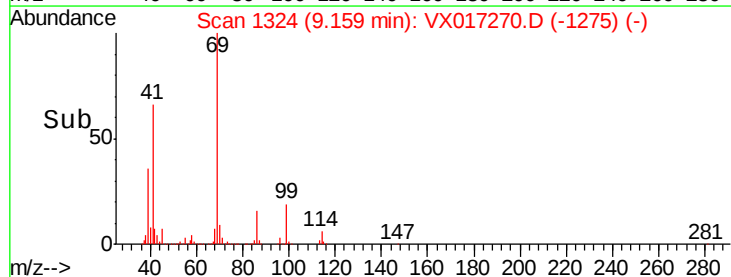
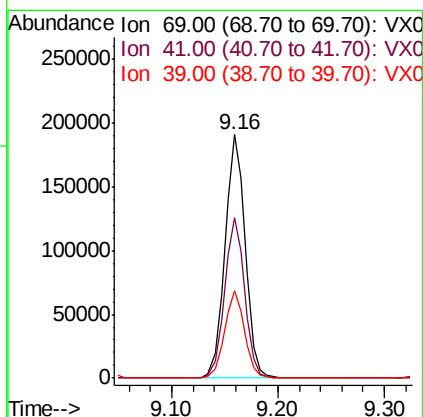
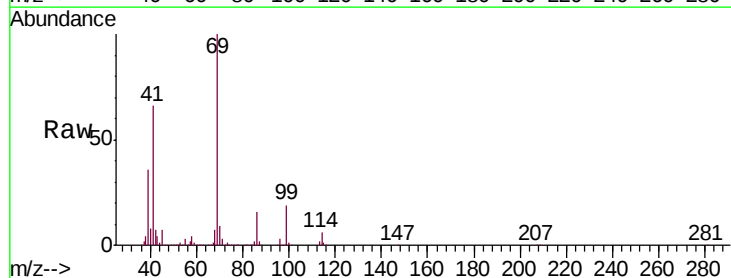
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

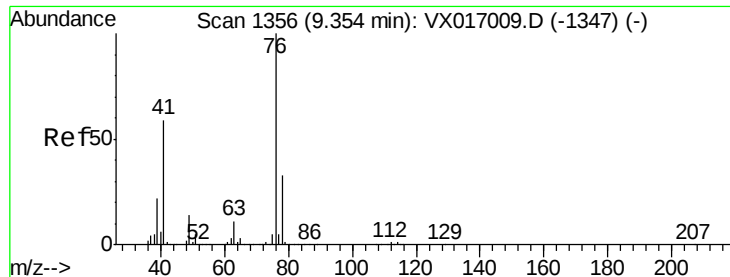
Tgt Ion:	97	Resp:	167293
Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.0	100.6
85	56.0	43.5	65.3
99	63.7	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 57.542 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion:	69	Resp:	253987
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.6	80.4
39	35.8	28.2	42.2





#57

1,3-Dichloropropane

Concen: 51.748 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

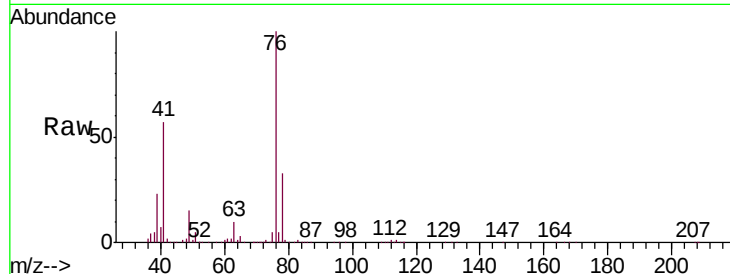
VSTDCCC050EC

Tgt Ion: 76 Resp: 271543

Ion Ratio Lower Upper

76 100

78 32.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

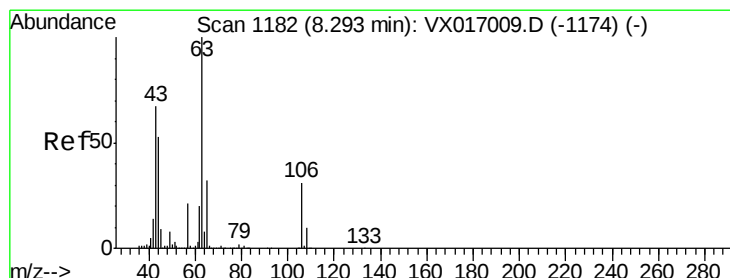
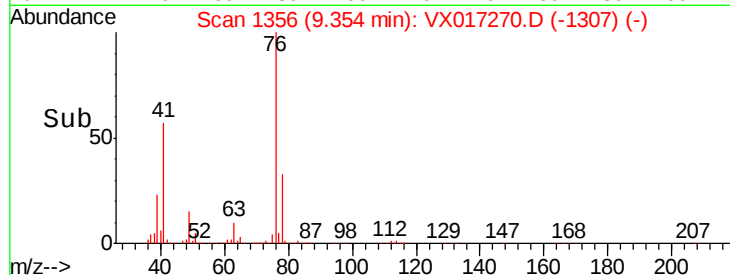
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 262.461 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017270.D

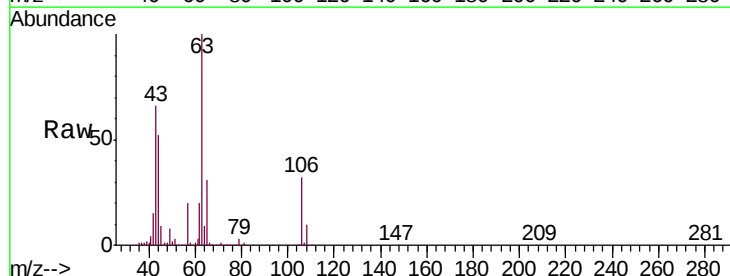
Acq: 08 Jul 2020 20:46

Tgt Ion: 63 Resp: 576563

Ion Ratio Lower Upper

63 100

106 30.7 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

400000

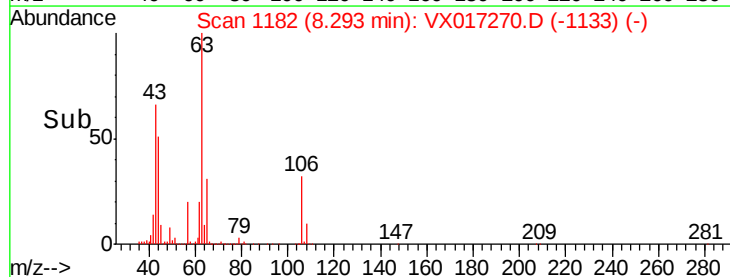
300000

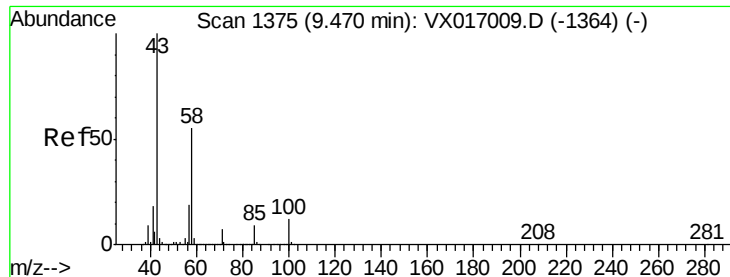
200000

100000

0

Time--> 8.20 8.25 8.30 8.35 8.40

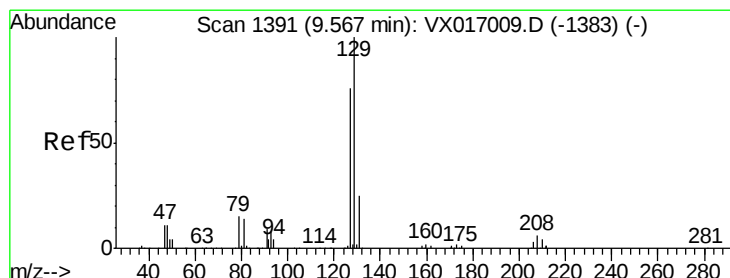
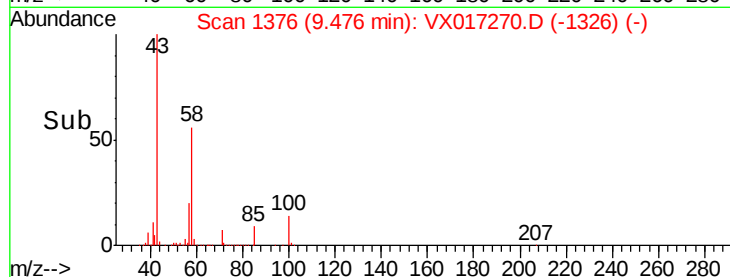
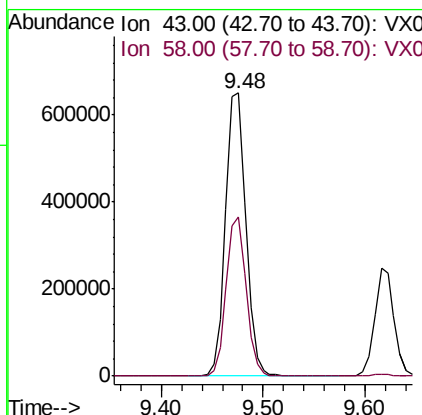
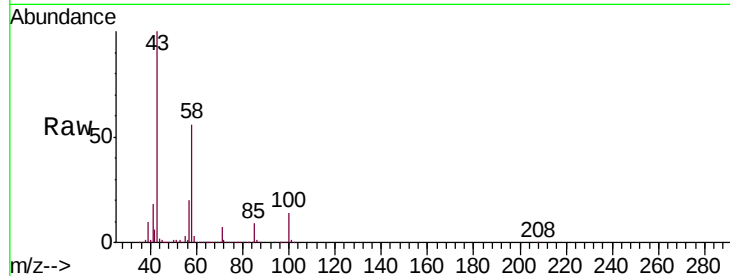




#59
2-Hexanone
Concen: 296.222 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

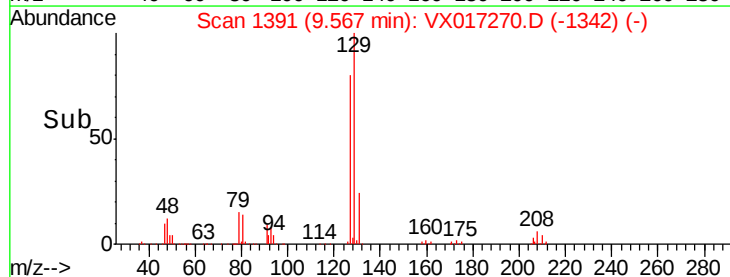
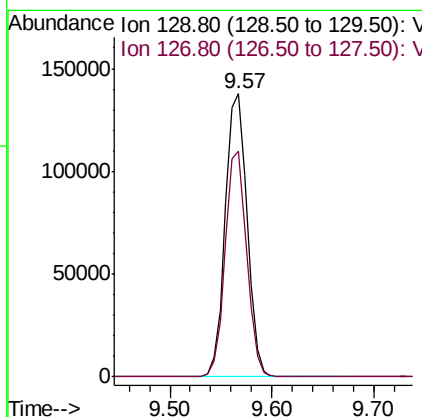
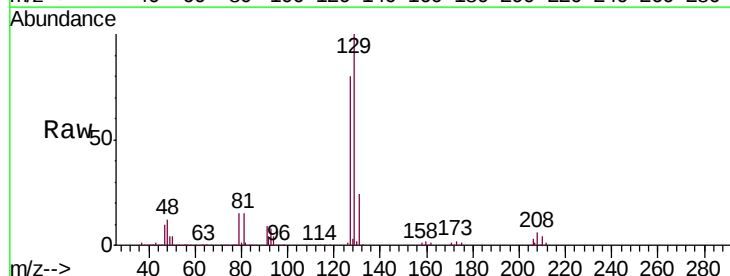
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

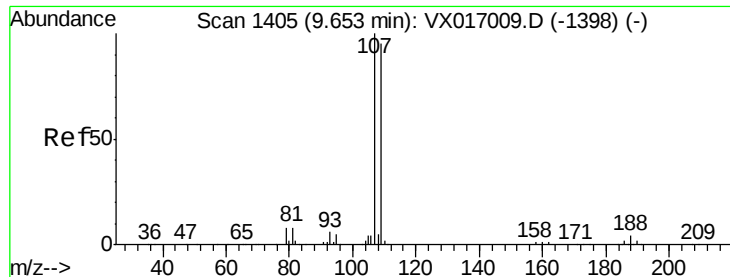
Tgt Ion: 43 Resp: 899623
Ion Ratio Lower Upper
43 100
58 55.2 27.9 83.6



#60
Dibromochloromethane
Concen: 56.696 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 129 Resp: 204209
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.428 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

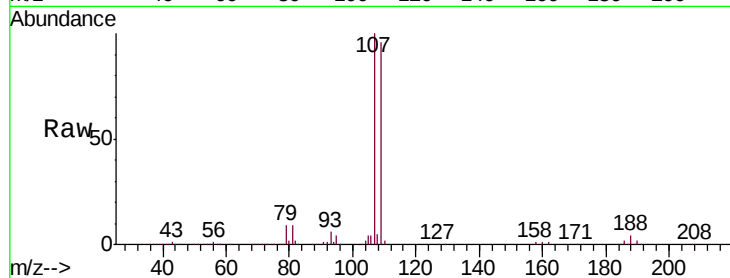
VSTDCCC050EC

Tgt Ion: 107 Resp: 178094

Ion Ratio Lower Upper

107 100

109 96.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

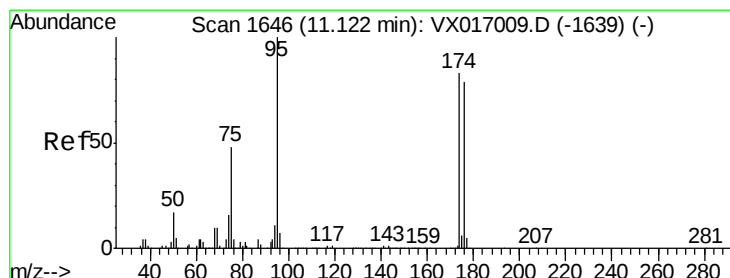
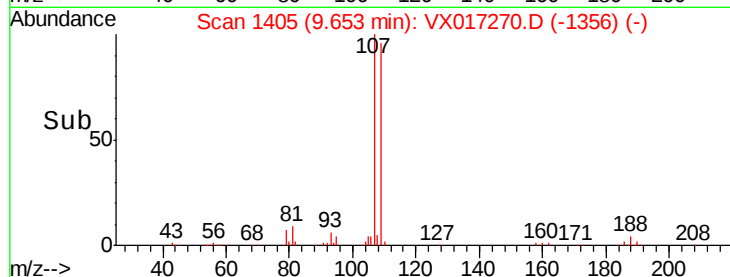
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.653 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

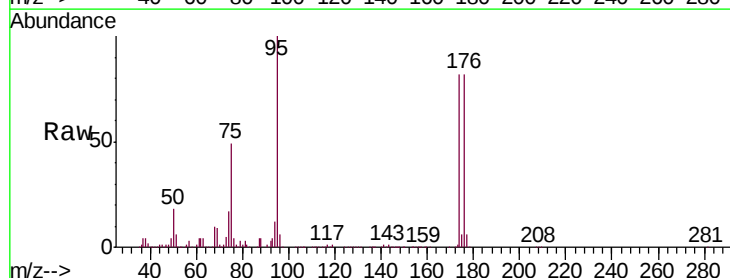
Tgt Ion: 95 Resp: 214776

Ion Ratio Lower Upper

95 100

174 83.8 0.0 164.0

176 81.9 0.0 157.6



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

11.12

200000

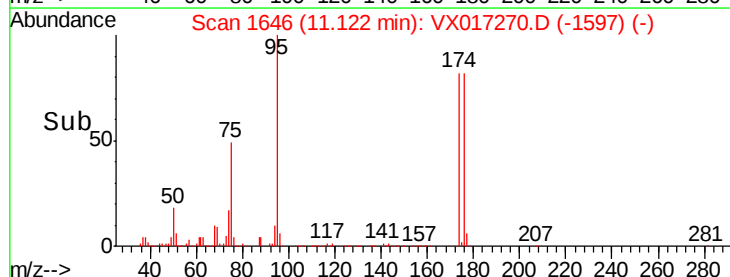
150000

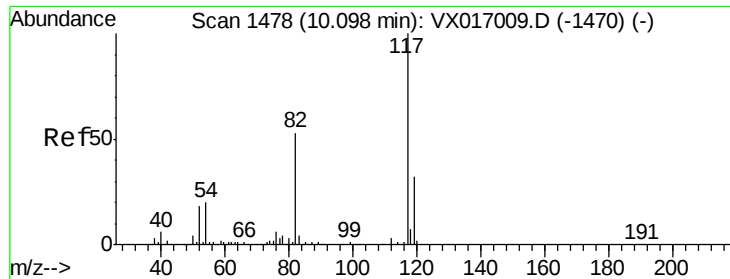
100000

50000

0

Time-->

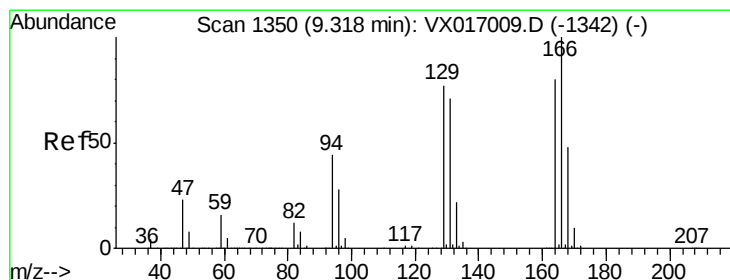
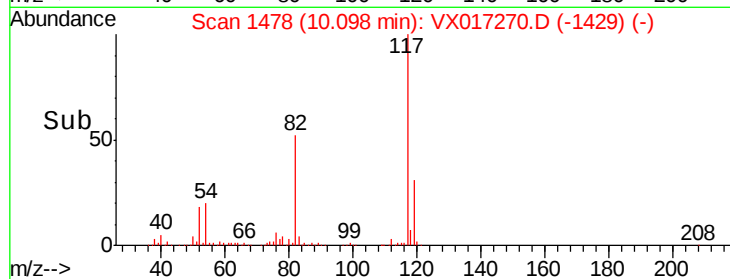
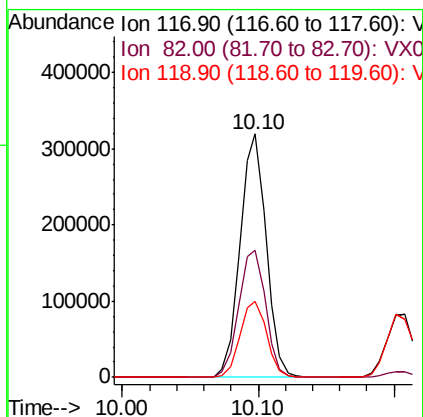
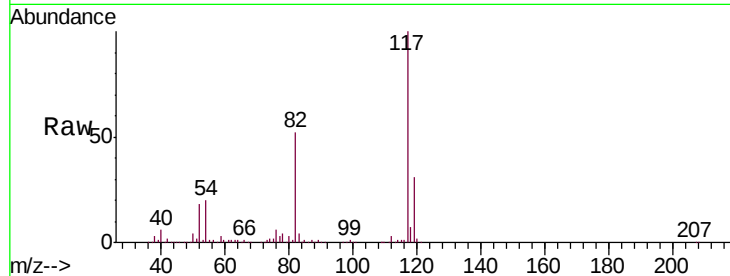




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

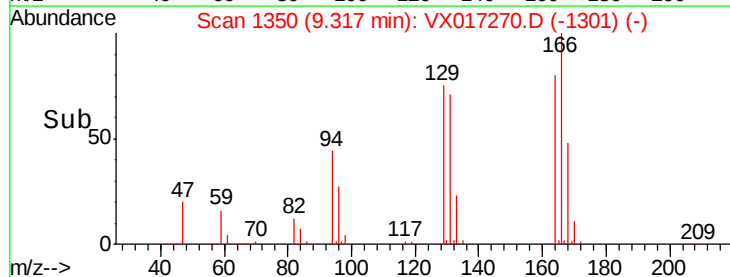
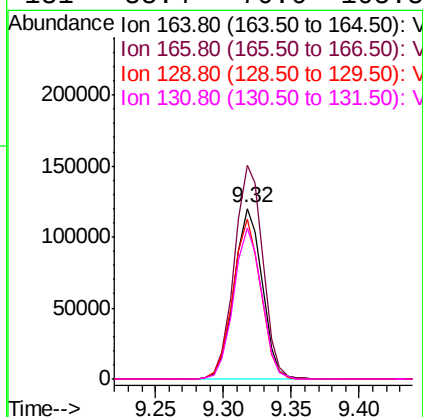
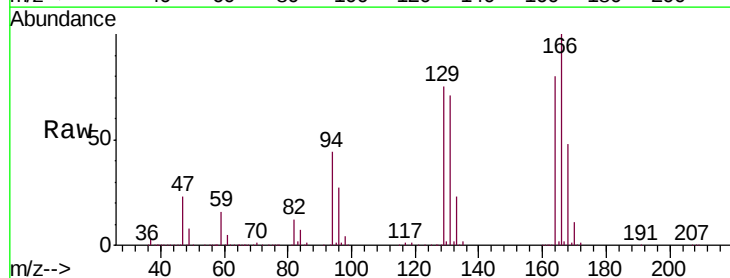
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

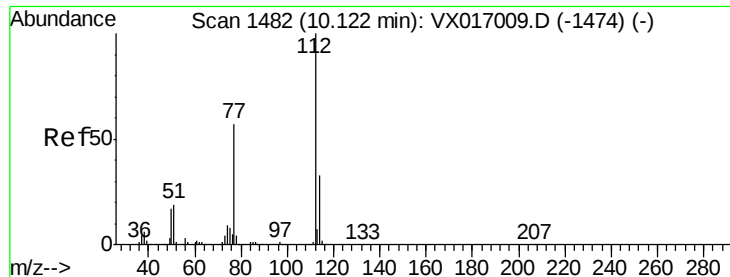
Tgt Ion:117 Resp: 426676
Ion Ratio Lower Upper
117 100
82 52.0 42.6 63.8
119 31.0 25.4 38.2



#64
Tetrachloroethene
Concen: 49.840 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion:164 Resp: 171626
Ion Ratio Lower Upper
164 100
166 125.4 99.4 149.0
129 93.7 76.3 114.5
131 88.4 70.6 105.8





#65

Chlorobenzene

Concen: 50.440 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

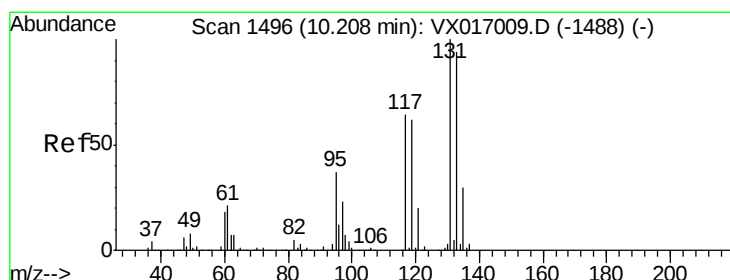
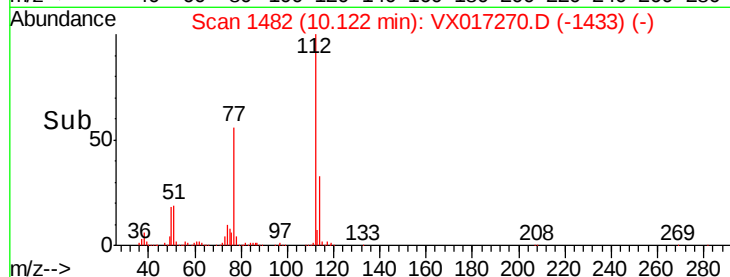
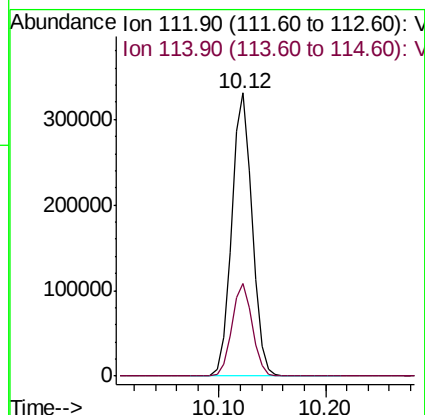
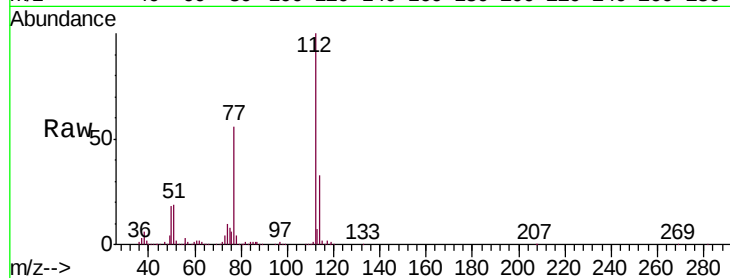
VSTDCCC050EC

Tgt Ion:112 Resp: 444193

Ion Ratio Lower Upper

112 100

114 32.7 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 53.285 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

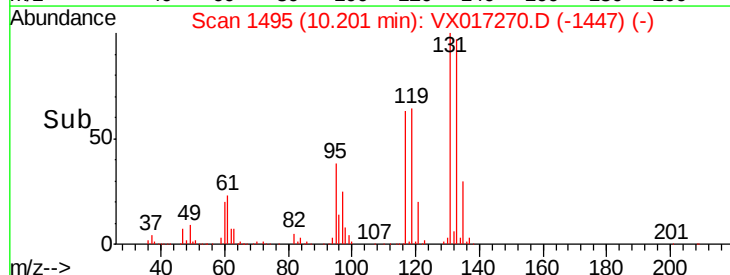
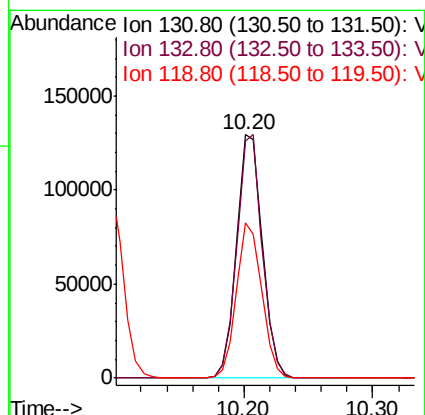
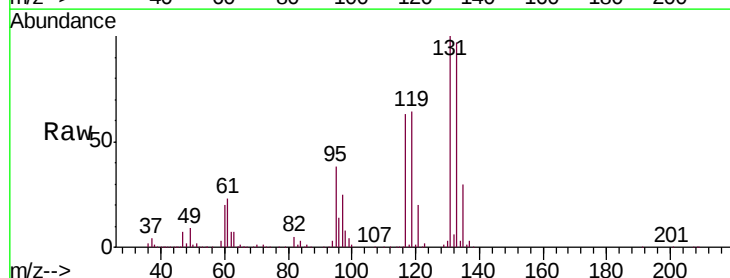
Tgt Ion:131 Resp: 180840

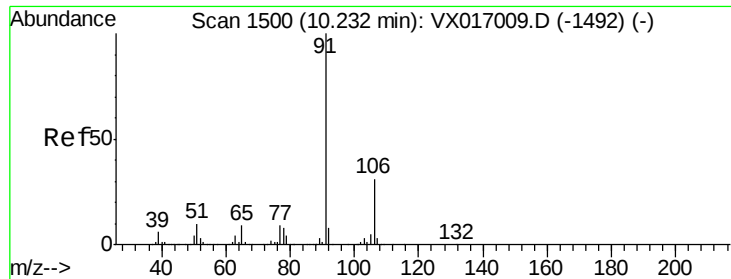
Ion Ratio Lower Upper

131 100

133 98.4 47.3 141.9

119 62.9 31.9 95.5

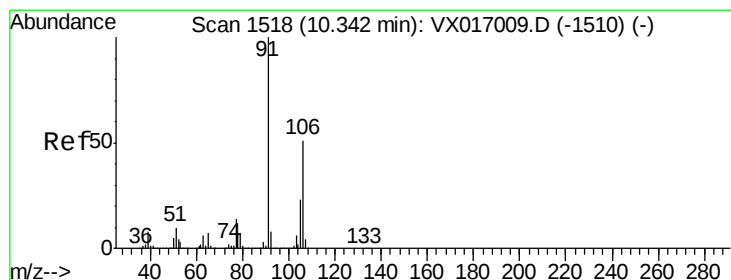
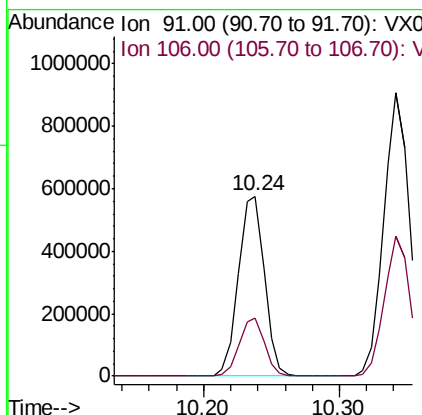
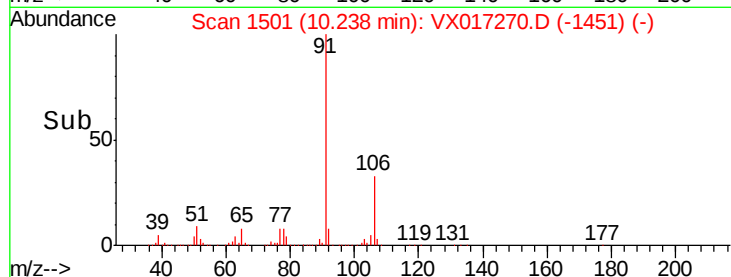
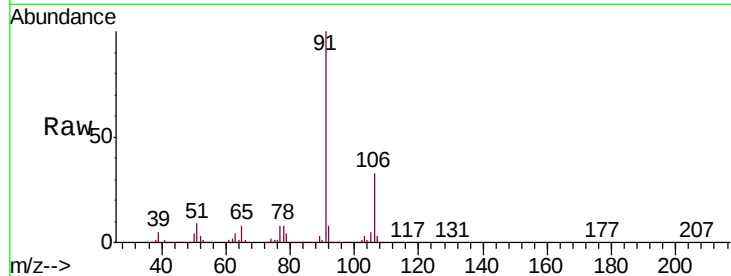




#67
Ethyl Benzene
Concen: 52.236 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

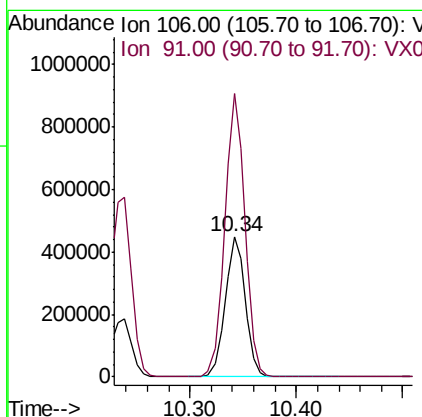
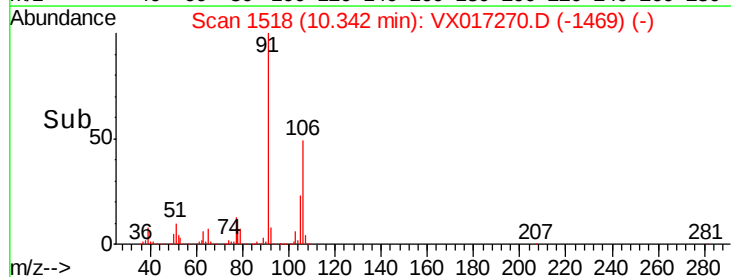
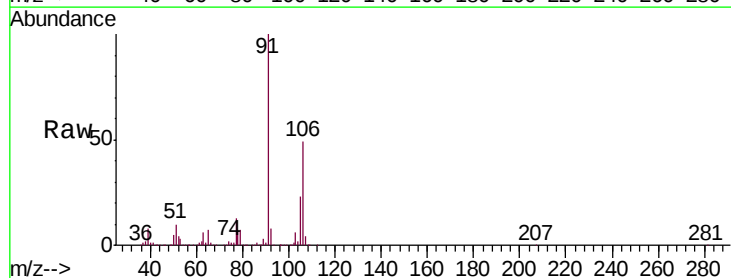
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

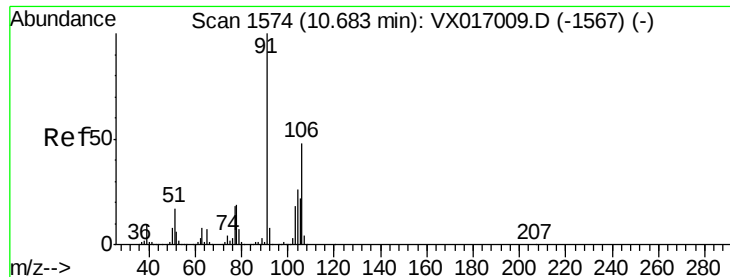
Tgt Ion: 91 Resp: 768210
Ion Ratio Lower Upper
91 100
106 32.6 24.7 37.1



#68
m/p-Xylenes
Concen: 104.475 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 106 Resp: 589959
Ion Ratio Lower Upper
106 100
91 202.5 158.6 238.0

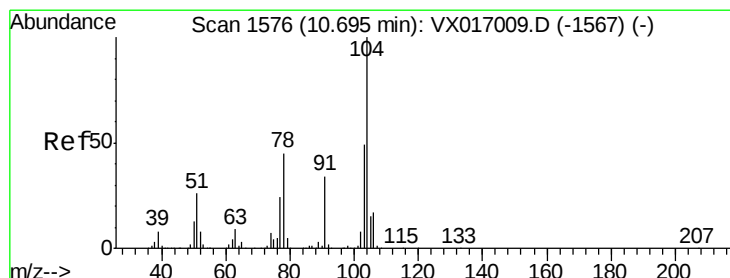
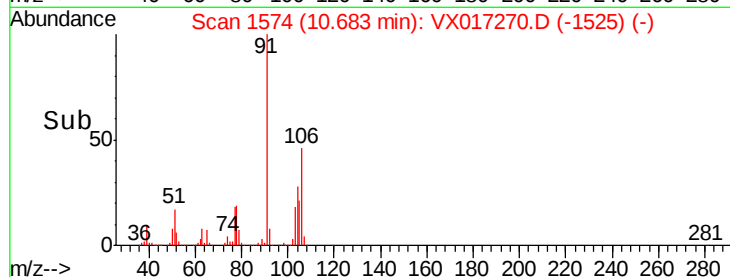
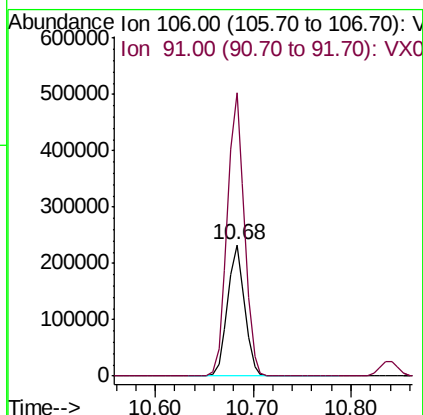
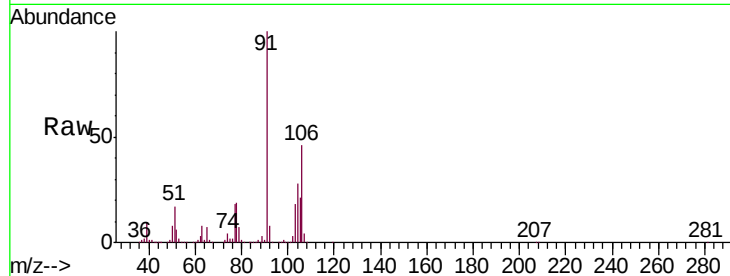




#69
o-Xylene
Concen: 52.476 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

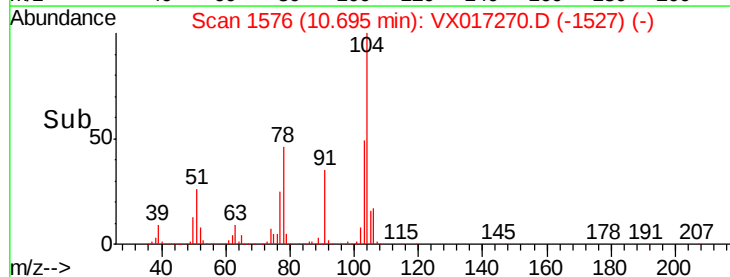
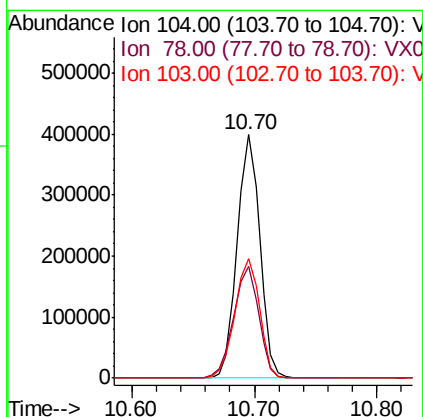
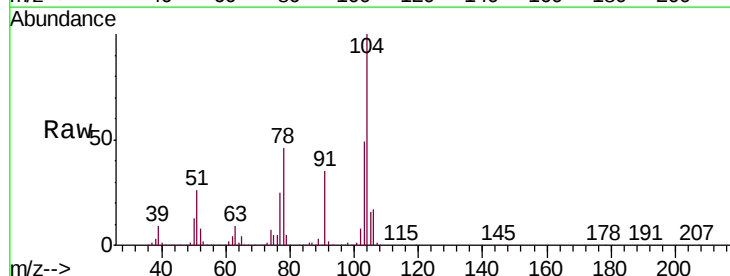
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

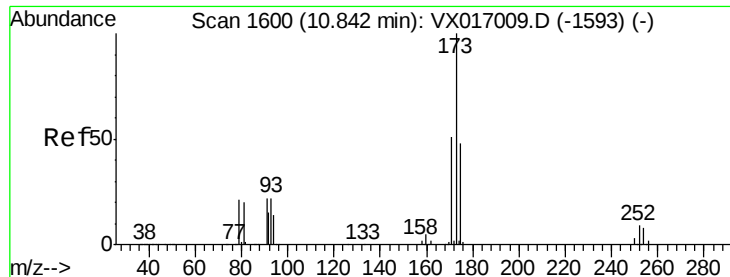
Tgt Ion:106 Resp: 281894
Ion Ratio Lower Upper
106 100
91 217.8 105.6 316.7



#70
Styrene
Concen: 55.622 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion:104 Resp: 508813
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 53.7 43.0 64.6





#71

Bromoform

Concen: 59.795 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

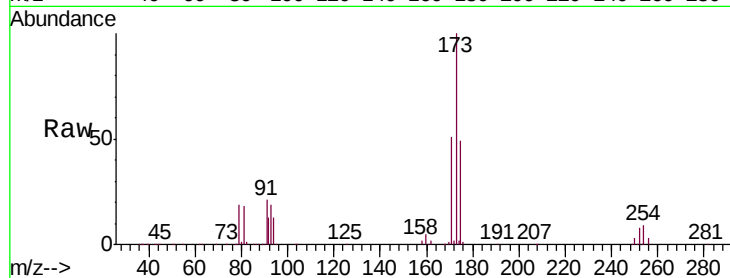
Tgt Ion:173 Resp: 160926

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

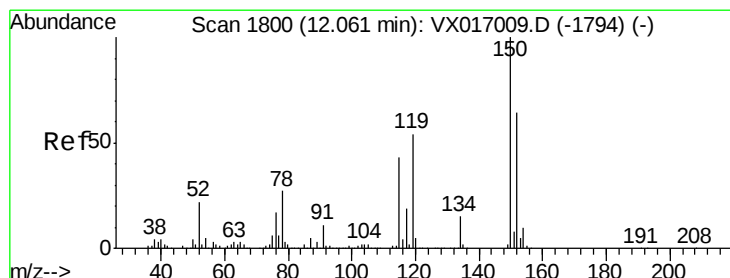
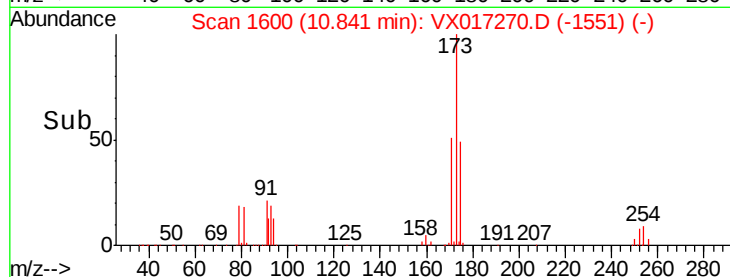
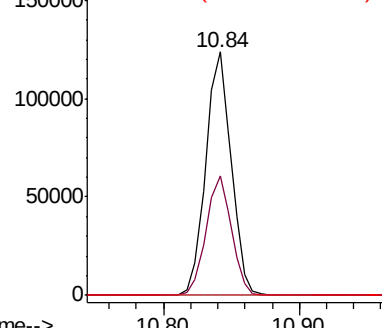
254 0.1 0.1 0.1



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

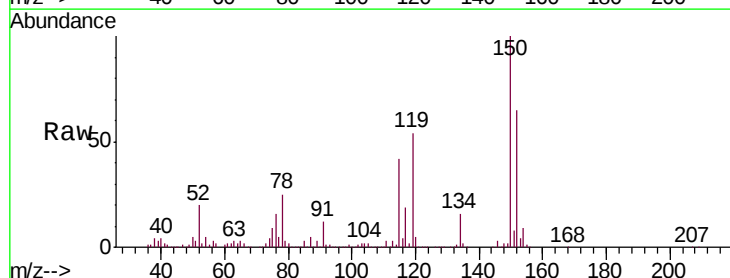
Tgt Ion:152 Resp: 234409

Ion Ratio Lower Upper

152 100

115 80.9 40.9 122.7

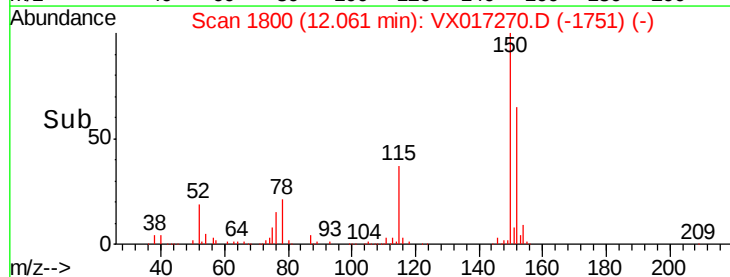
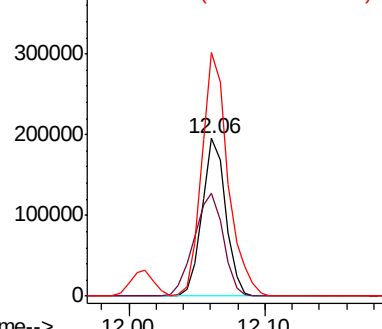
150 171.9 0.0 351.6

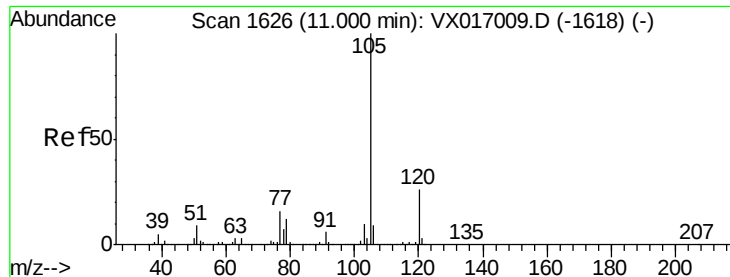


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.471 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

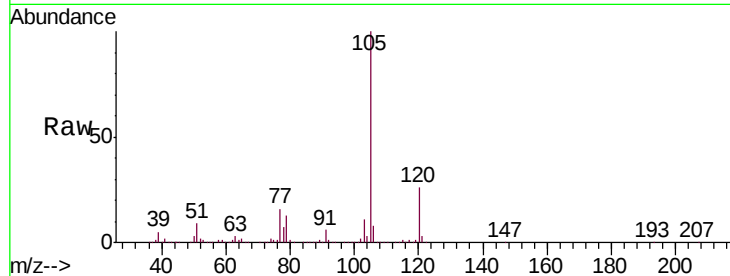
VSTDCCC050EC

Tgt Ion: 105 Resp: 790291

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

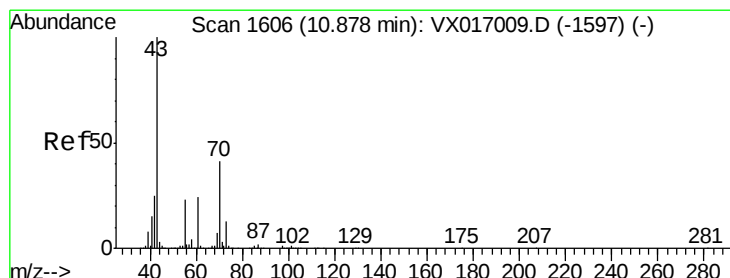
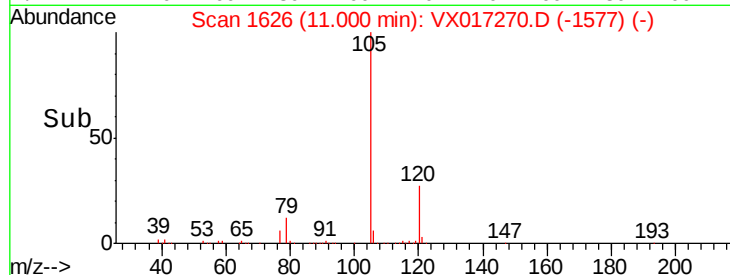
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.645 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Tgt Ion: 43 Resp: 338347

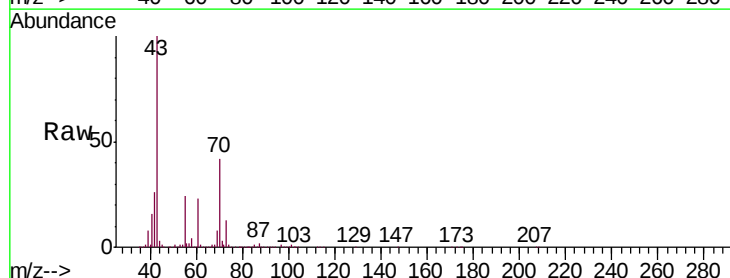
Ion Ratio Lower Upper

43 100

70 44.1 34.2 51.2

55 24.6 19.2 28.8

61 24.3 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.88

400000

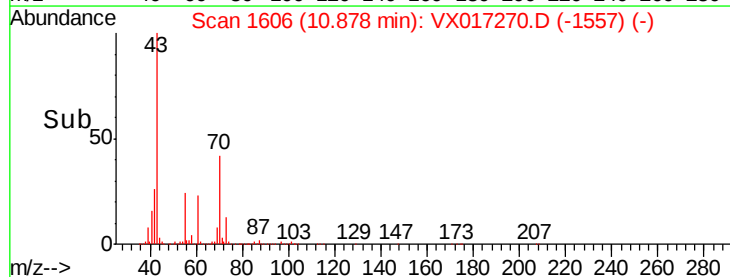
300000

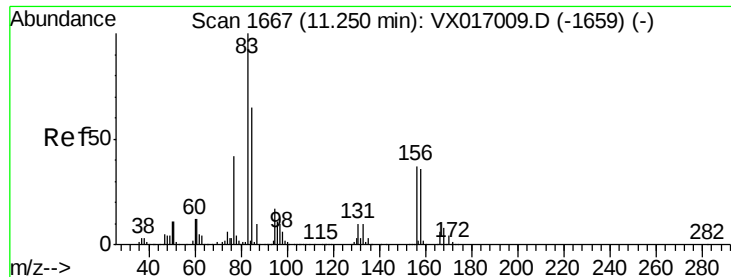
200000

100000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 50.107 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

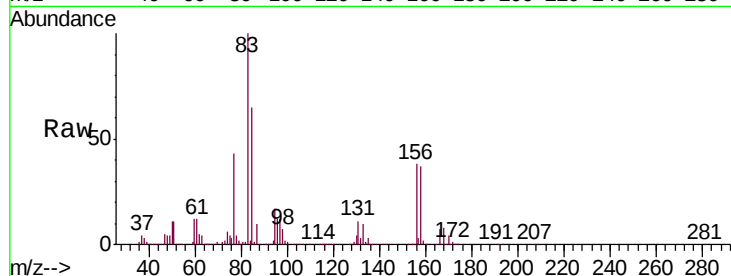
Tgt Ion: 83 Resp: 242005

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

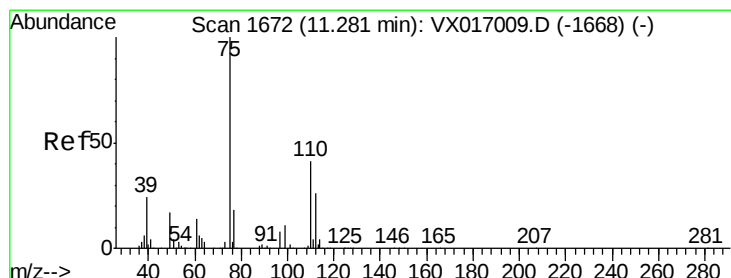
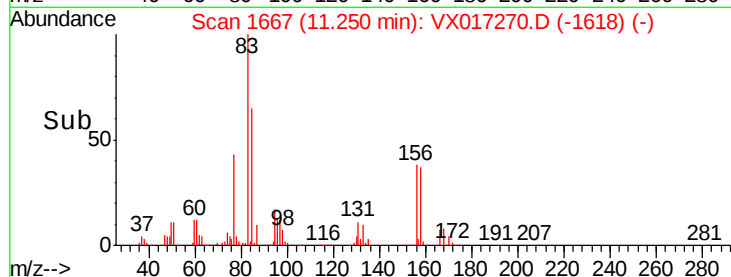
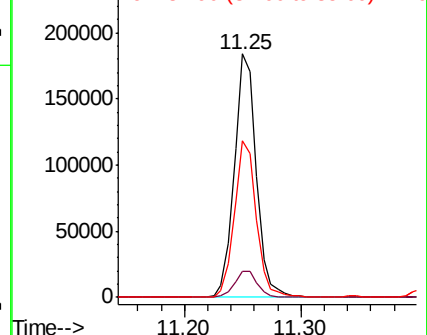
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.026 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017270.D

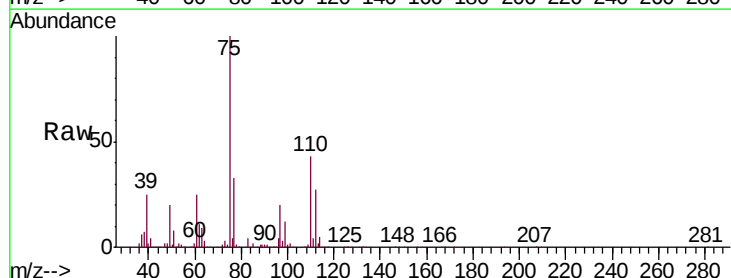
Acq: 08 Jul 2020 20:46

Tgt Ion: 75 Resp: 304348

Ion Ratio Lower Upper

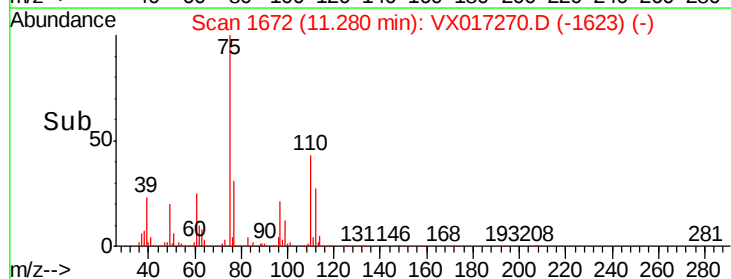
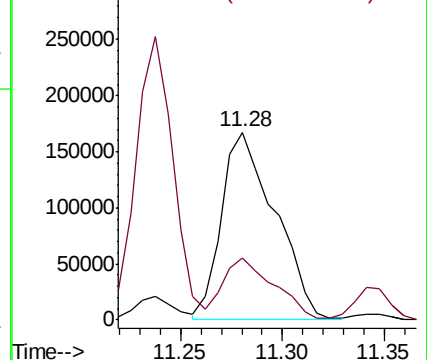
75 100

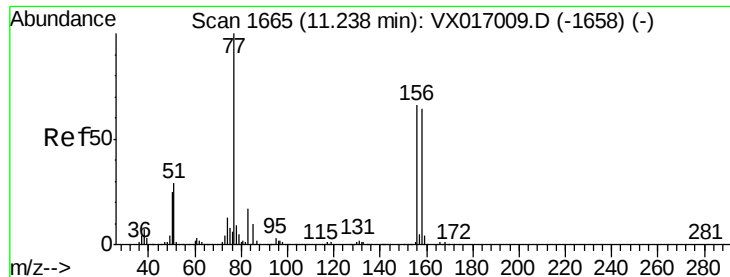
77 31.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.708 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

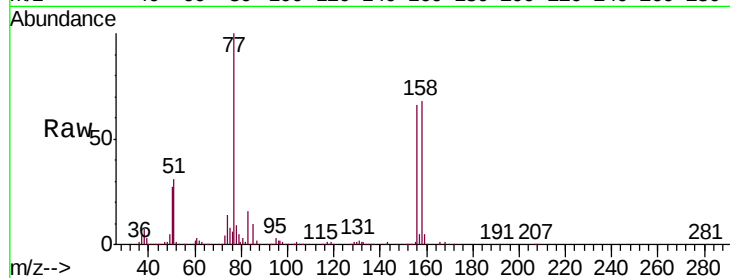
Tgt Ion:156 Resp: 213982

Ion Ratio Lower Upper

156 100

77 150.0 76.9 230.7

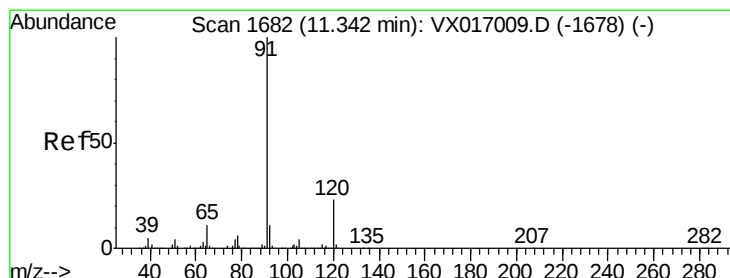
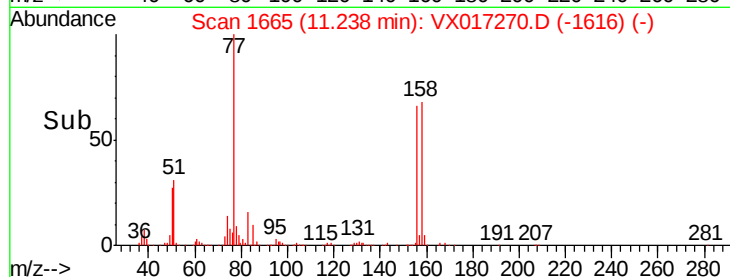
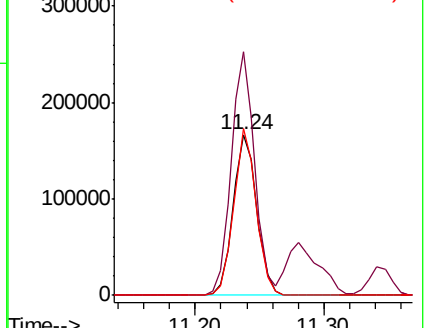
158 98.2 47.9 143.6



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: 51.314 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017270.D

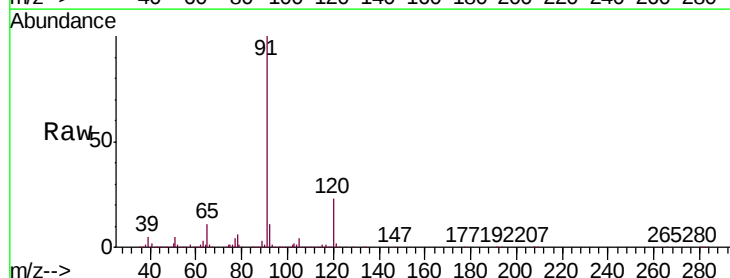
Acq: 08 Jul 2020 20:46

Tgt Ion: 91 Resp: 890949

Ion Ratio Lower Upper

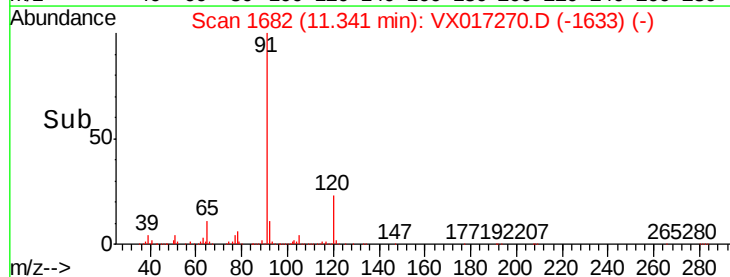
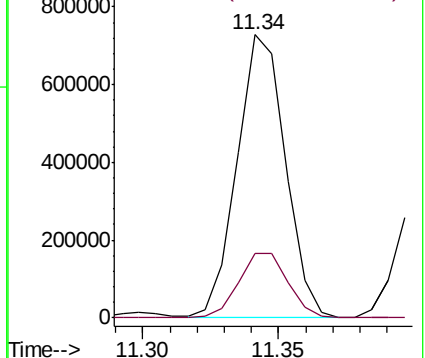
91 100

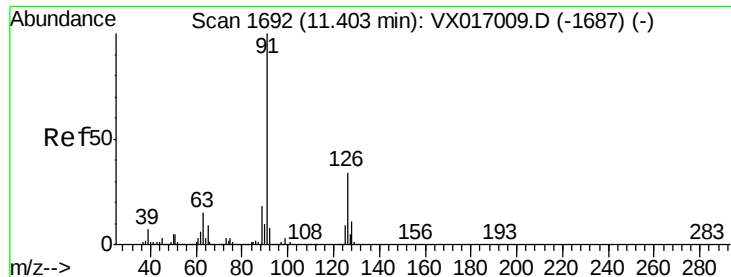
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

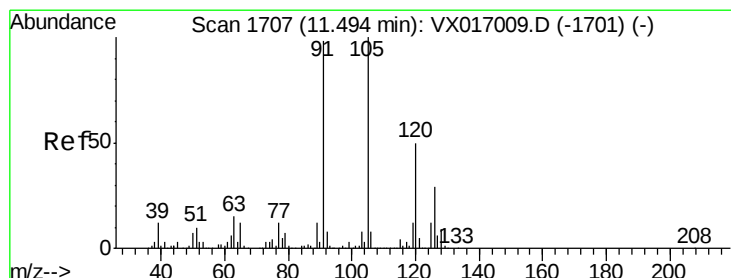
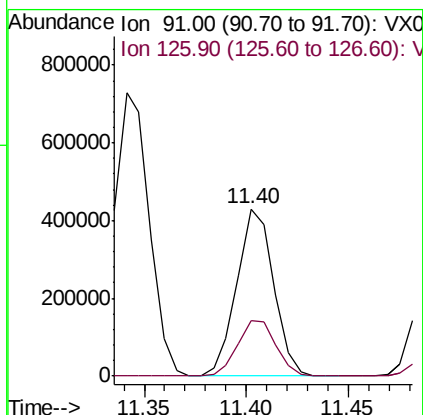
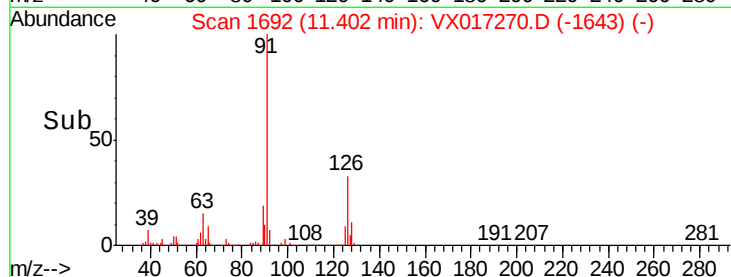
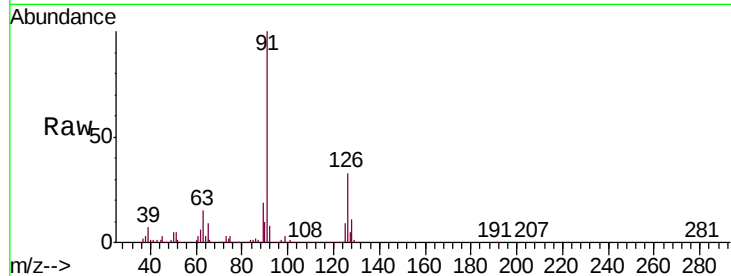




#79
2-Chlorotoluene
Concen: 51.238 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

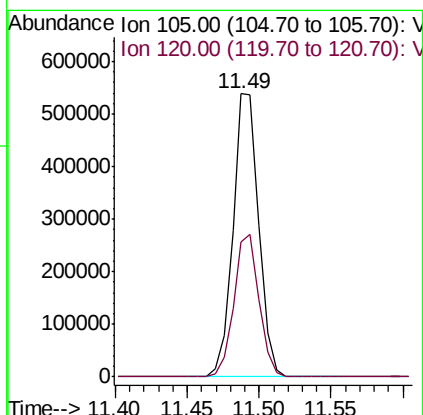
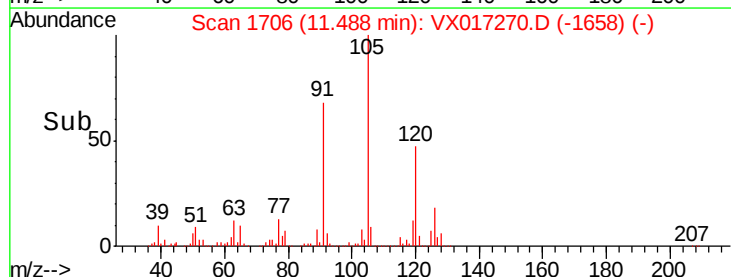
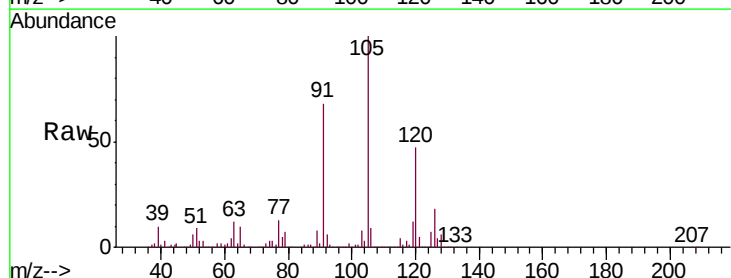
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

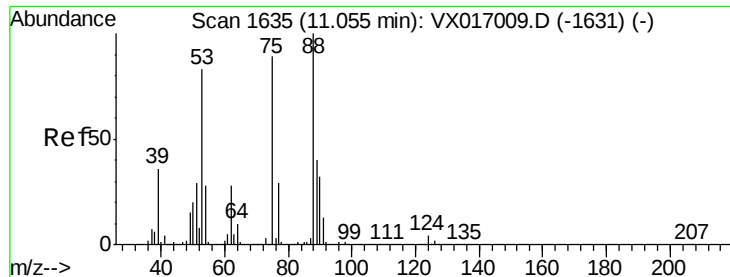
Tgt Ion: 91 Resp: 538421
Ion Ratio Lower Upper
91 100
126 35.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 52.754 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 105 Resp: 671867
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.6

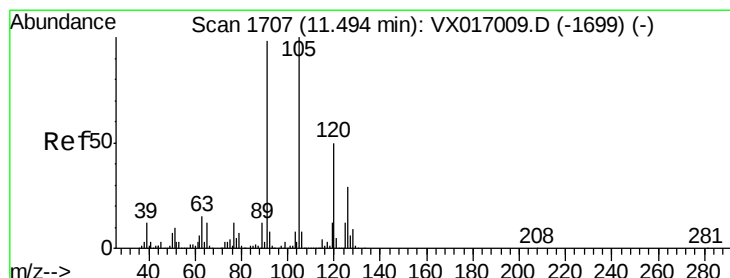
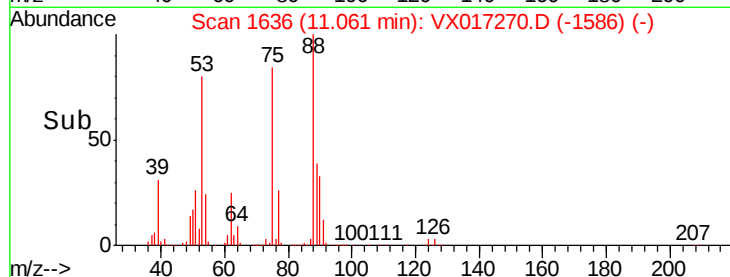
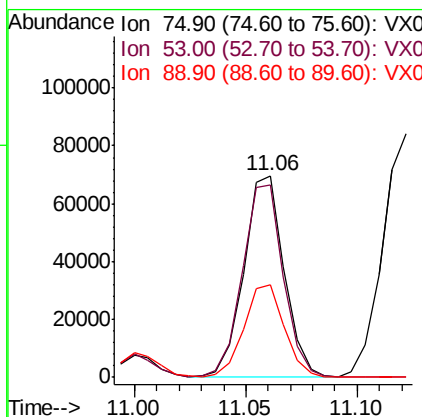
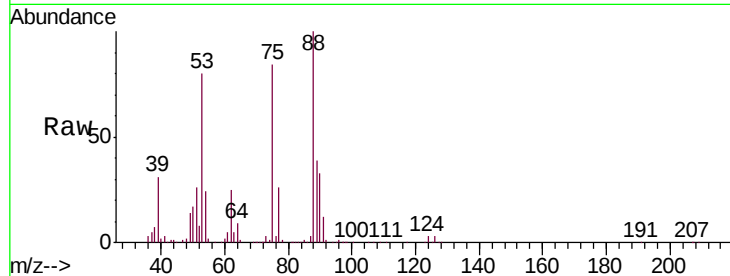




#81
trans-1,4-Dichloro-2-butene
Concen: 49.347 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

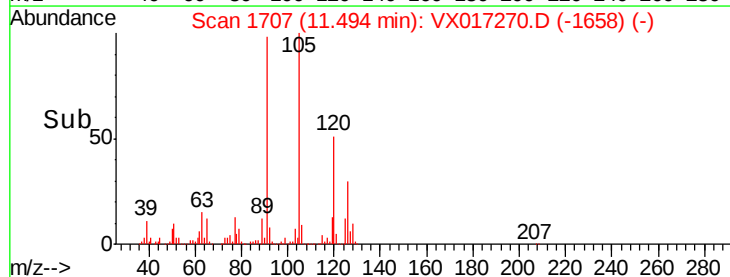
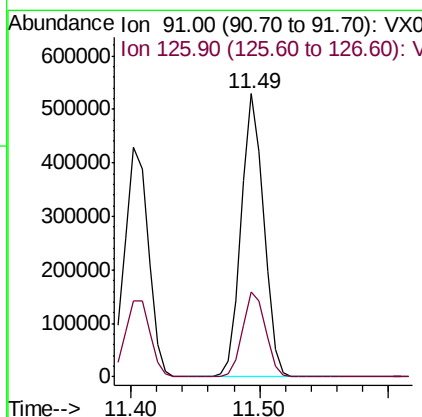
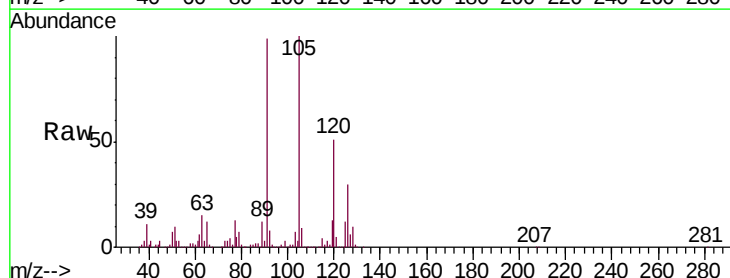
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

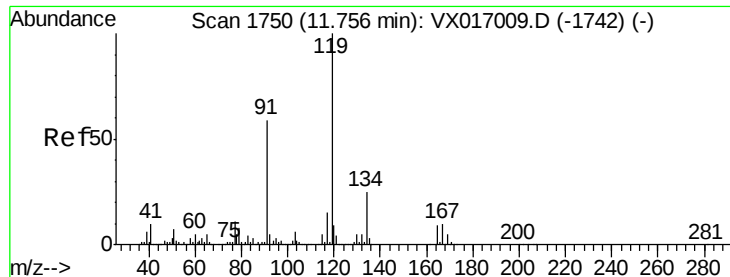
Tgt Ion: 75 Resp: 87836
Ion Ratio Lower Upper
75 100
53 96.9 72.4 108.6
89 46.2 37.0 55.4



#82
4-Chlorotoluene
Concen: 51.196 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 91 Resp: 643123
Ion Ratio Lower Upper
91 100
126 30.5 15.2 45.5

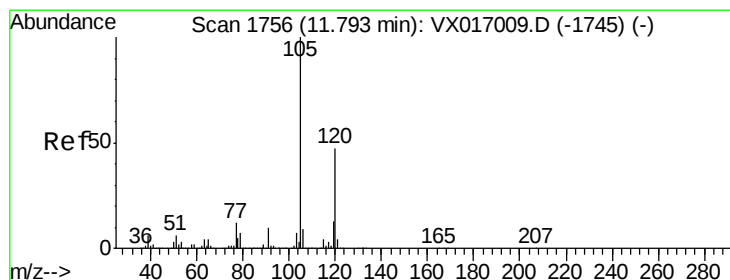
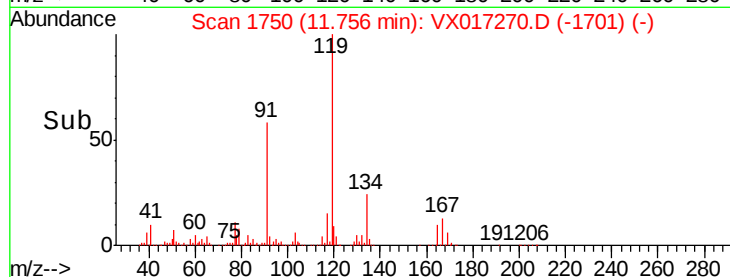
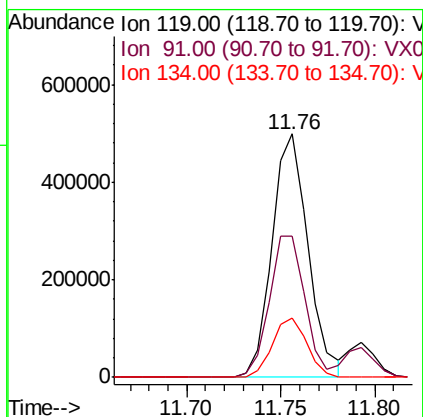
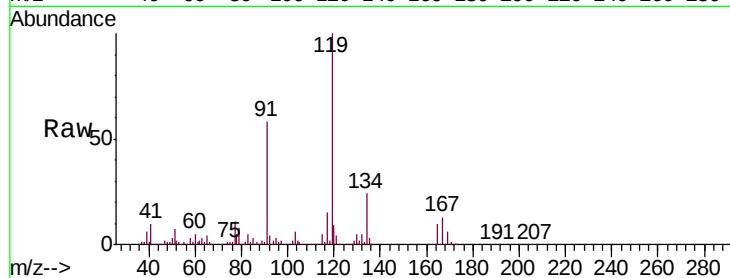




#83
 tert-Butylbenzene
 Concen: 52.920 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

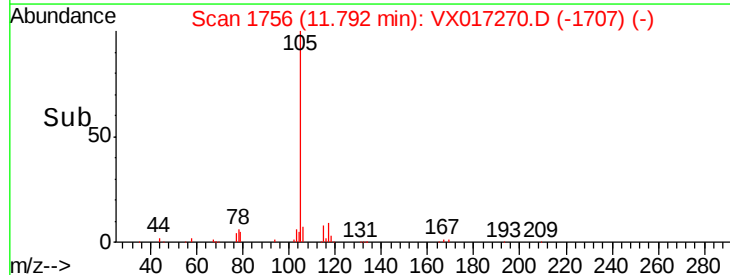
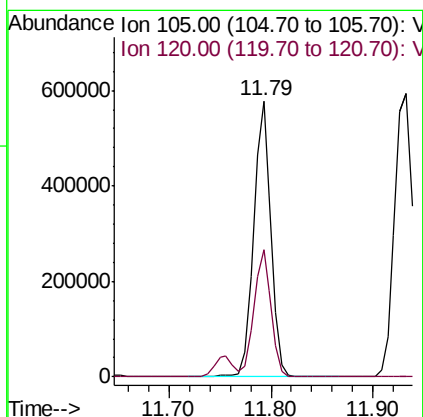
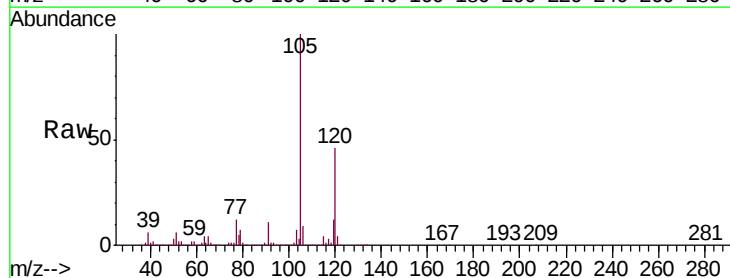
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

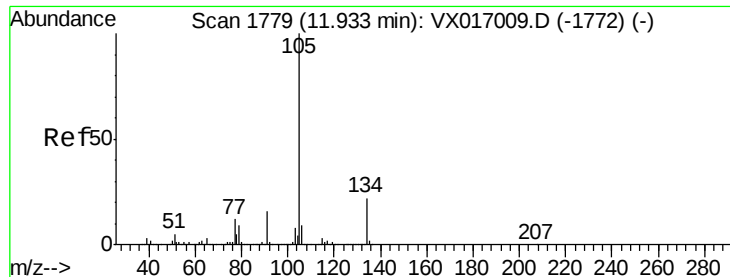
Tgt Ion:119 Resp: 661608
 Ion Ratio Lower Upper
 119 100
 91 57.2 28.3 84.9
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 53.048 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion:105 Resp: 685410
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5

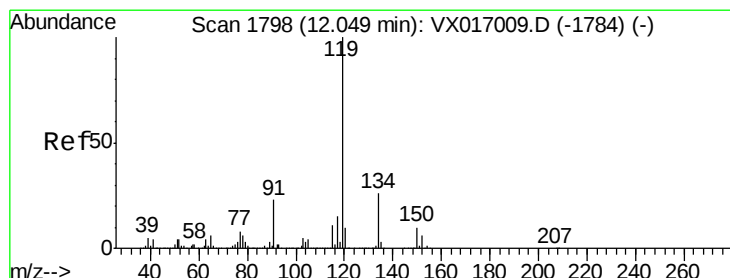
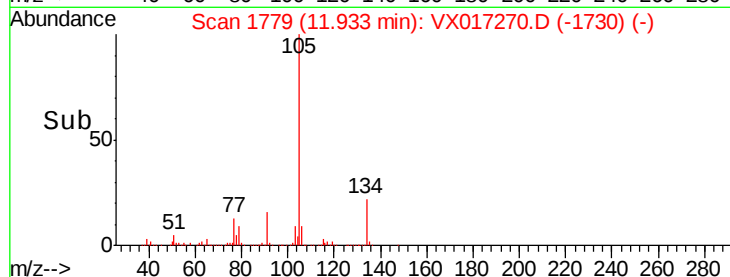
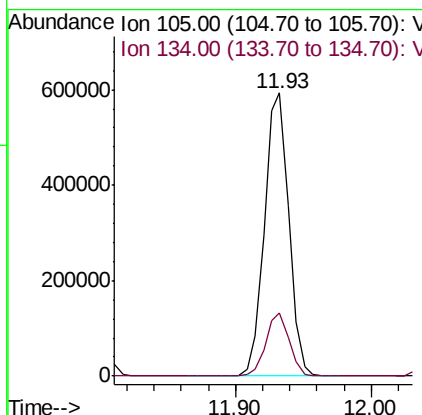
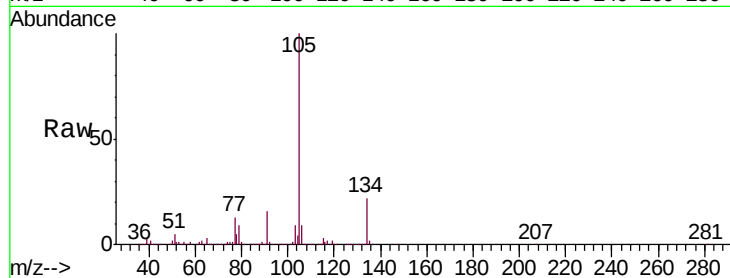




#85
 sec-Butylbenzene
 Concen: 50.875 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

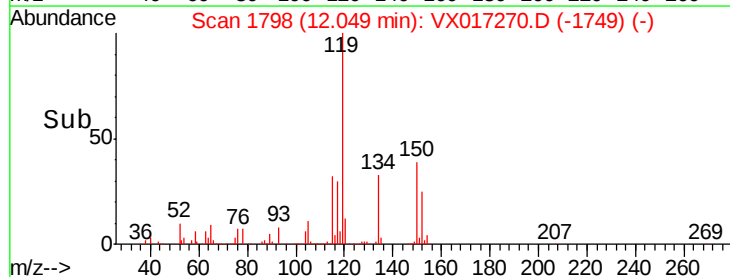
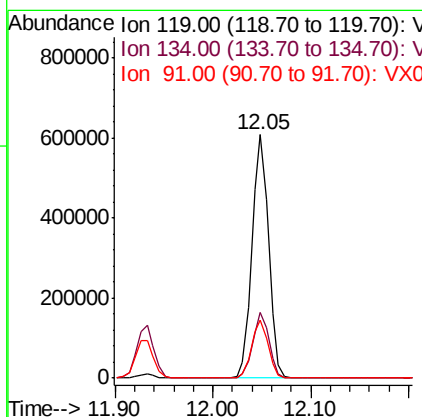
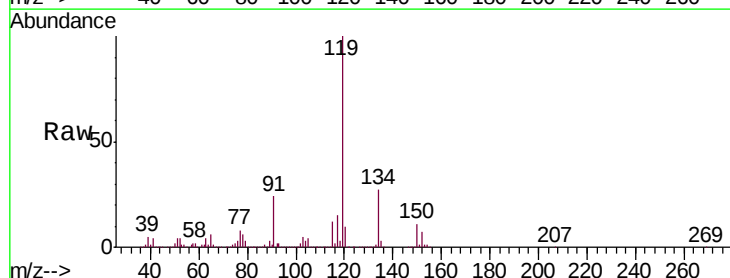
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

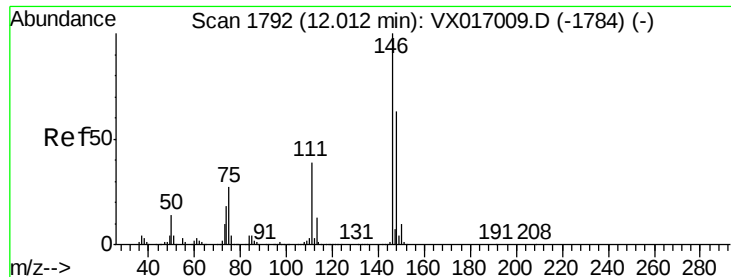
Tgt Ion:105 Resp: 747645
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 52.191 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion:119 Resp: 714009
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 23.8 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 48.997 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

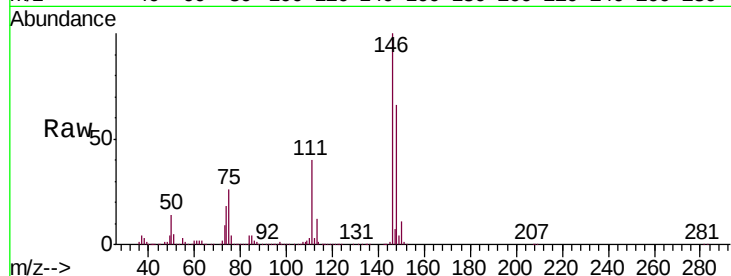
Tgt Ion:146 Resp: 375516

Ion Ratio Lower Upper

146 100

111 39.5 20.4 61.2

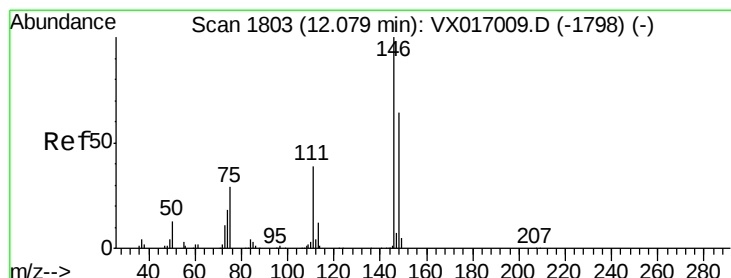
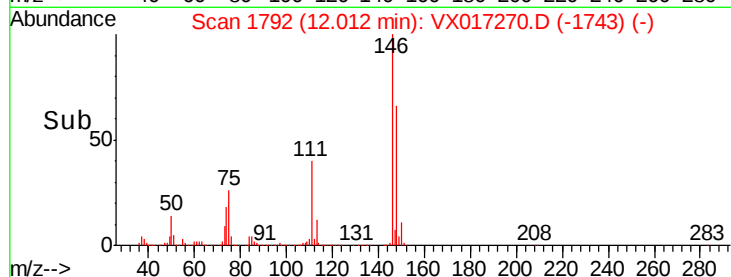
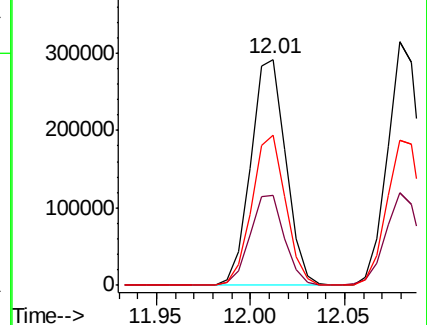
148 64.3 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 53.035 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

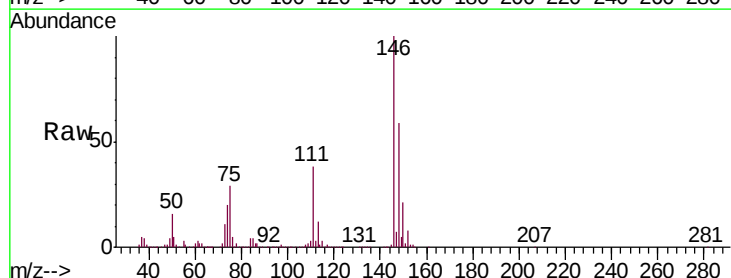
Tgt Ion:146 Resp: 383231

Ion Ratio Lower Upper

146 100

111 38.6 19.5 58.5

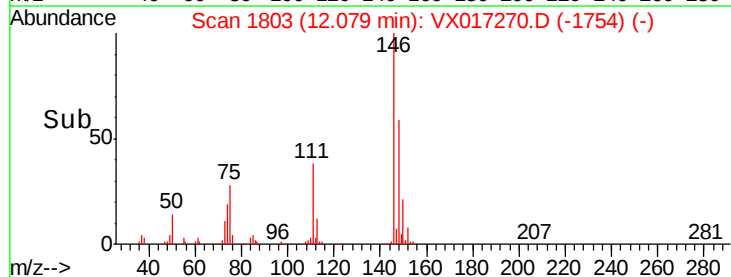
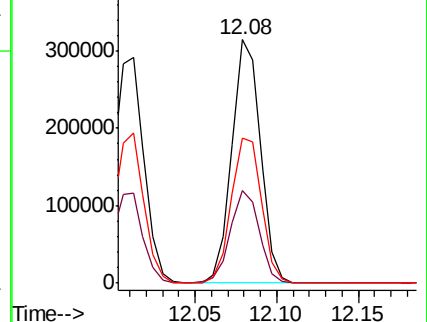
148 63.0 31.9 95.7

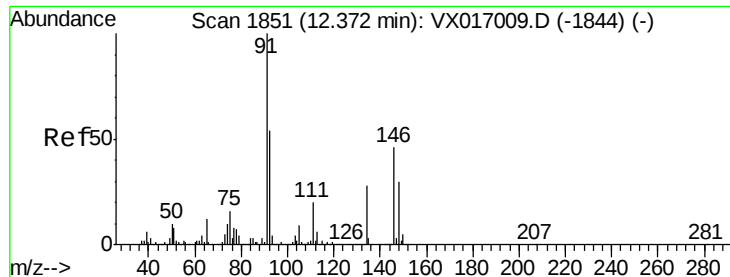


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

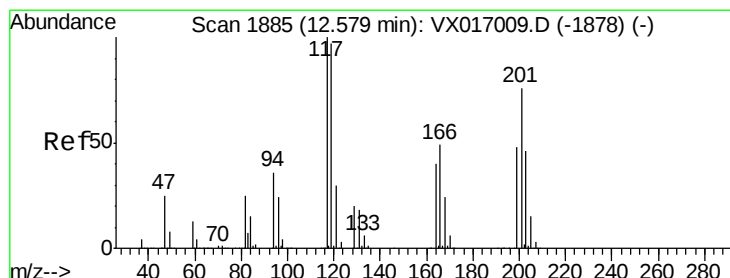
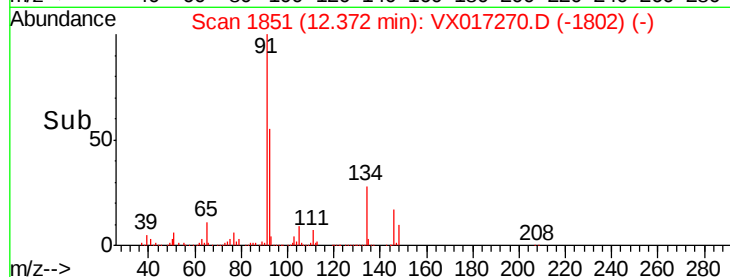
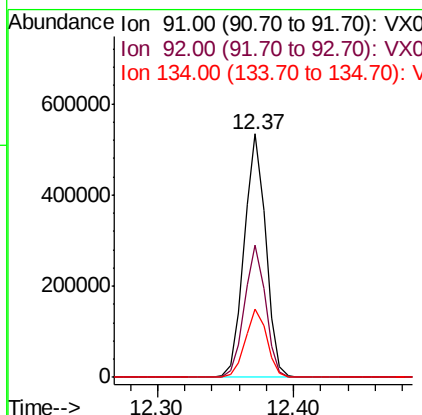
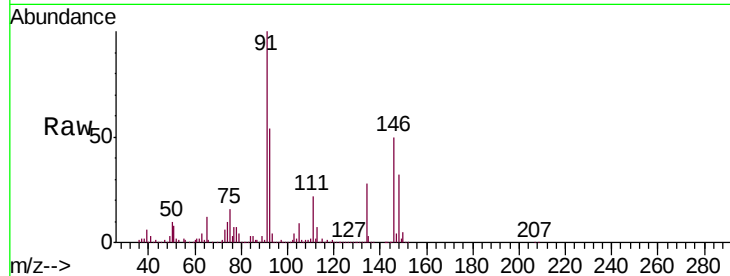




#89
n-Butylbenzene
Concen: 48.291 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

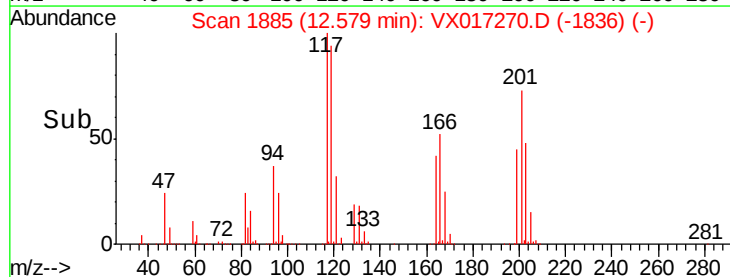
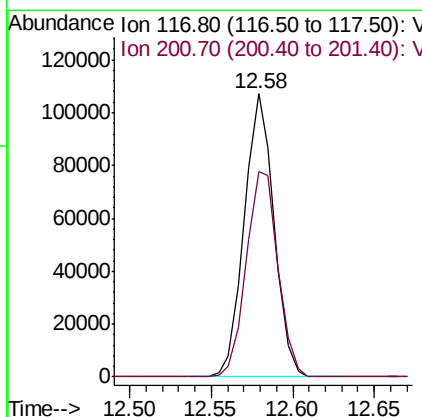
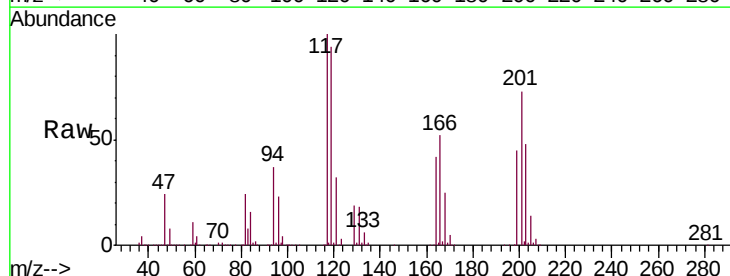
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

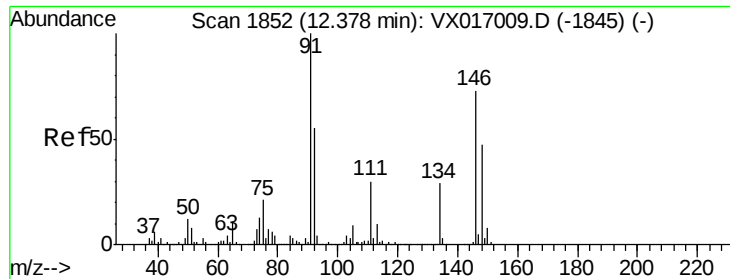
Tgt Ion: 91 Resp: 589903
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.6
134 28.0 13.6 40.7



#90
Hexachloroethane
Concen: 50.435 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion: 117 Resp: 136067
Ion Ratio Lower Upper
117 100
201 77.7 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 50.253 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

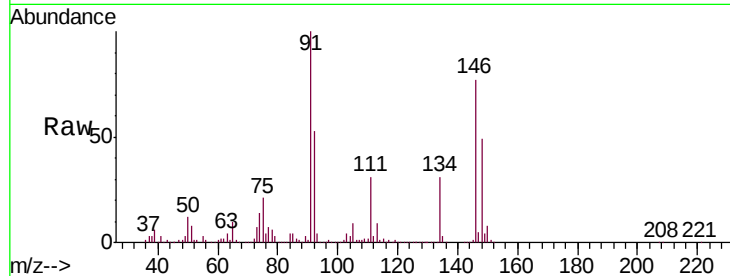
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

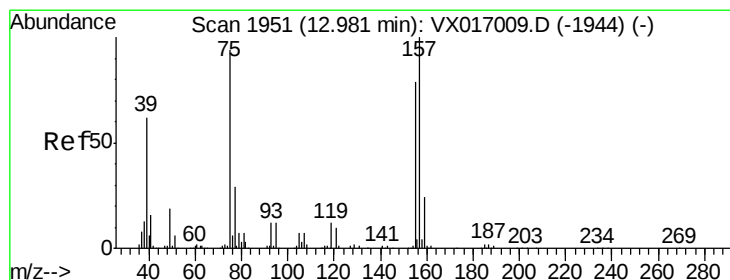
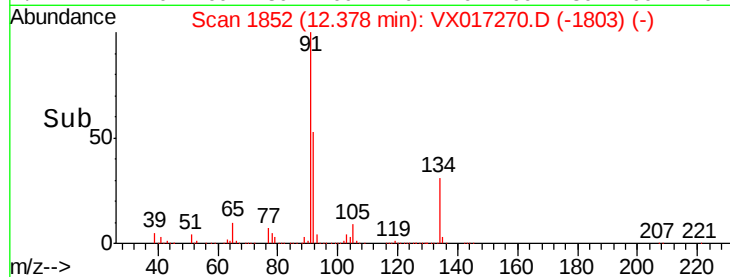
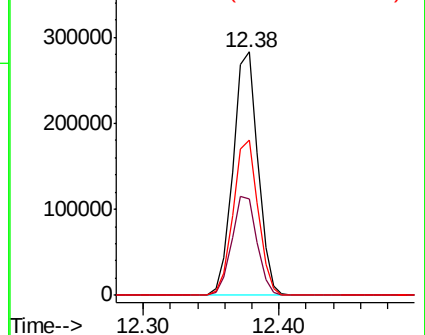
Tgt Ion:	146	Resp:	360013
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.9
148	63.9	32.4	97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.886 ug/l

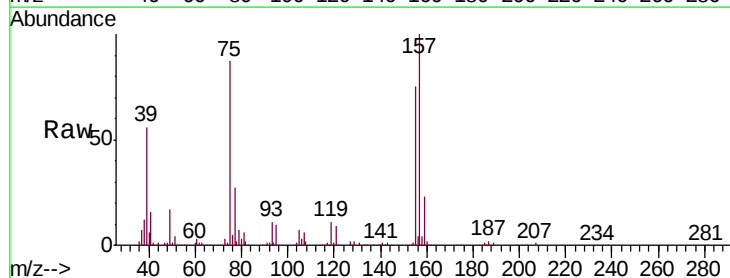
RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017270.D

Acq: 08 Jul 2020 20:46

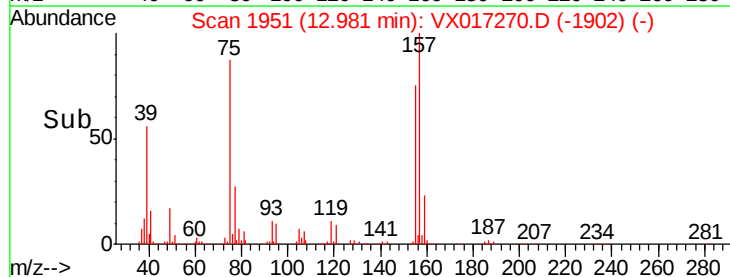
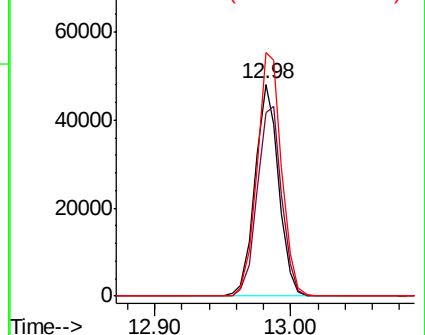
Tgt Ion:	75	Resp:	58629
Ion	Ratio	Lower	Upper
75	100		
155	93.6	45.1	135.2
157	119.5	56.5	169.3

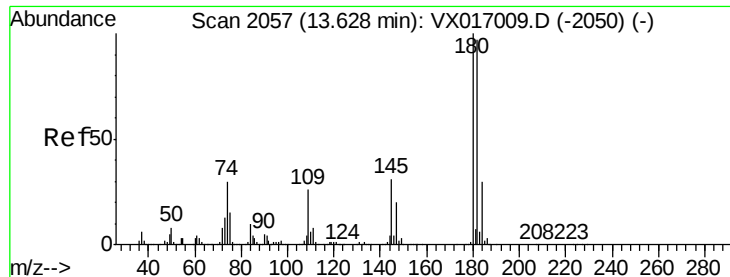


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

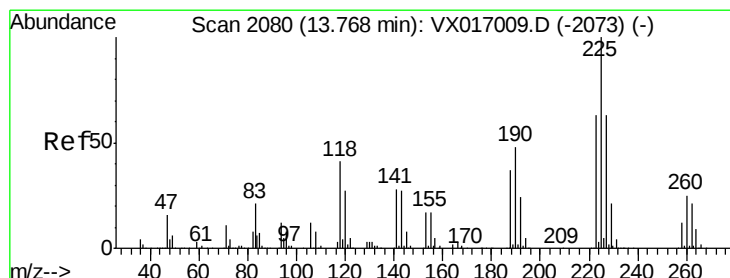
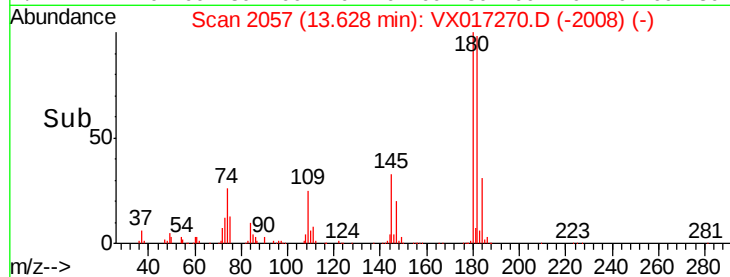
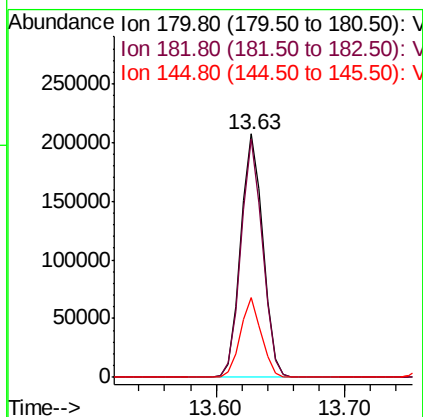
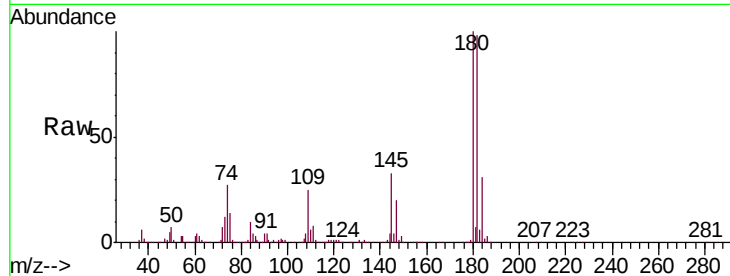




#93
 1,2,4-Trichlorobenzene
 Concen: 50.553 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

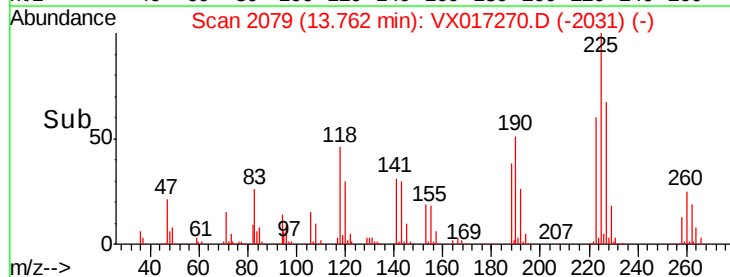
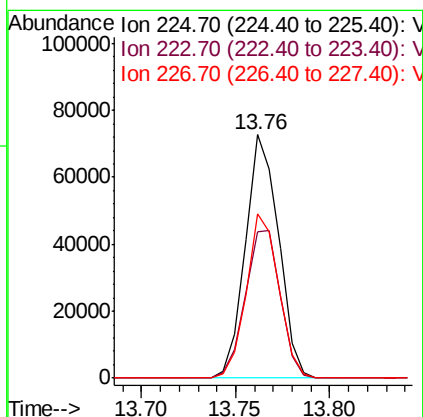
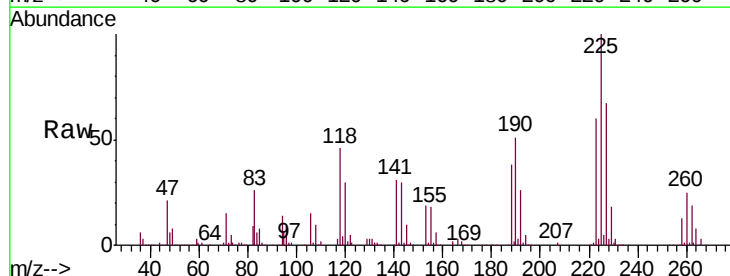
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

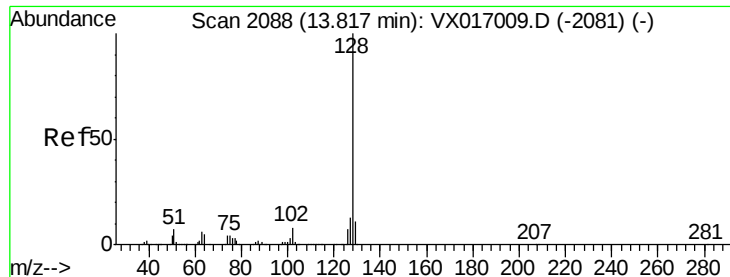
Tgt Ion:180 Resp: 247190
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.3 141.9
 145 30.9 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 47.996 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017270.D
 Acq: 08 Jul 2020 20:46

Tgt Ion:225 Resp: 89004
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.5 97.5
 227 65.5 33.1 99.2

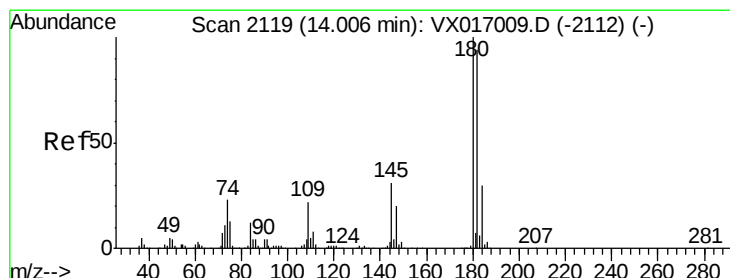
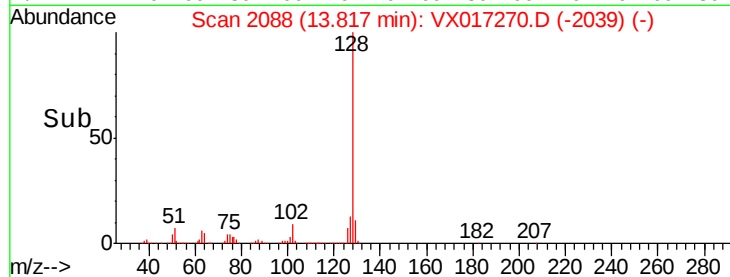
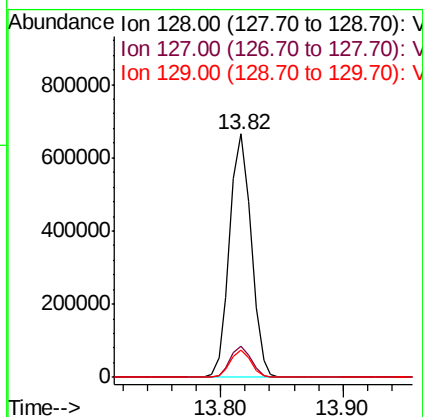
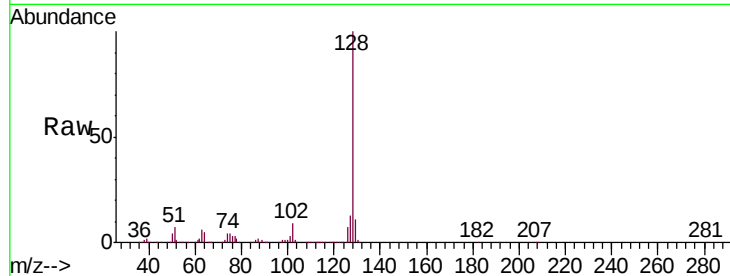




#95
Naphthalene
Concen: 54.544 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 810824
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.572 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017270.D
Acq: 08 Jul 2020 20:46

Tgt Ion:180 Resp: 244044
Ion Ratio Lower Upper
180 100
182 95.2 47.1 141.4
145 32.2 16.6 49.7

