

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061920\
 Data File : VX016897.D
 Acq On : 19 Jun 2020 21:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 01:45:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	269819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422872	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	461526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214004	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	177148	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	5.47	113	130337	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	8.70	98	503782	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
62) 4-Bromofluorobenzene	11.12	95	209089	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	171674	51.846	ug/l	98
3) Chloromethane	1.31	50	173913	51.798	ug/l	100
4) Vinyl Chloride	1.39	62	198388	52.426	ug/l	100
5) Bromomethane	1.62	94	93736	41.139	ug/l	98
6) Chloroethane	1.71	64	123375	52.936	ug/l	99
7) Trichlorofluoromethane	1.92	101	266116	50.269	ug/l	99
8) Diethyl Ether	2.17	74	108297	52.616	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146762	52.047	ug/l	97
10) Methyl Iodide	2.49	142	101058	37.646	ug/l	97
11) Tert butyl alcohol	3.01	59	147616	269.087	ug/l	99
12) 1,1-Dichloroethene	2.36	96	157321	54.561	ug/l	98
13) Acrolein	2.27	56	150115	451.336	ug/l	99
14) Allyl chloride	2.71	41	202928	53.206	ug/l	95
15) Acrylonitrile	3.12	53	352520	280.418	ug/l	99
16) Acetone	2.42	43	356711	302.808	ug/l	99
17) Carbon Disulfide	2.55	76	432131	57.991	ug/l	99
18) Methyl Acetate	2.75	43	172598	57.618	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	443015	53.913	ug/l	100
20) Methylene Chloride	2.84	84	140154	49.613	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	137826	50.638	ug/l	97
22) Diisopropyl ether	3.82	45	427338	58.480	ug/l	98
23) Vinyl Acetate	3.79	43	1691466	280.713	ug/l	100
24) 1,1-Dichloroethane	3.67	63	240301	52.645	ug/l	99
25) 2-Butanone	4.64	43	469508	289.597	ug/l	98
26) 2,2-Dichloropropane	4.55	77	193971	45.358	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	158827	51.918	ug/l	99
28) Bromochloromethane	4.98	49	98024	51.741	ug/l	97
29) Tetrahydrofuran	5.09	42	297794	291.653	ug/l	99
30) Chloroform	5.18	83	249302	51.734	ug/l	100
31) Cyclohexane	5.55	56	204560	50.975	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	228753	50.155	ug/l	100
36) 1,1-Dichloropropene	5.77	75	218003	55.834	ug/l	99
37) Ethyl Acetate	4.79	43	182405	52.873	ug/l	99
38) Carbon Tetrachloride	5.76	117	232050	52.967	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	200247	44.108	ug/l	98
40) Benzene	6.12	78	661921	56.498	ug/l	99
41) Methacrylonitrile	5.01	41	100388	53.601	ug/l	99
42) 1,2-Dichloroethane	6.16	62	232222	55.702	ug/l	100
43) Isopropyl Acetate	6.41	43	373322	61.968	ug/l	99
44) Trichloroethene	7.19	130	165680	46.176	ug/l	97
45) 1,2-Dichloropropane	7.49	63	143023	48.561	ug/l	98
46) Dibromomethane	7.64	93	97836	48.984	ug/l	99
47) Bromodichloromethane	7.88	83	203324	47.864	ug/l	98
48) Methyl methacrylate	7.74	41	146195	51.534	ug/l	98
49) 1,4-Dioxane	7.71	88	65213	1026.930	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	919671	253.810	ug/l	99
52) Toluene	8.76	92	368892	47.464	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	228463	48.921	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	242452	48.529	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	148279	50.531	ug/l	98
56) Ethyl methacrylate	9.16	69	231349	54.460	ug/l	98
57) 1,3-Dichloropropane	9.35	76	244826	49.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	551941	279.231	ug/l	98
59) 2-Hexanone	9.48	43	700609	267.002	ug/l	100
60) Dibromochloromethane	9.57	129	203997	57.950	ug/l	99
61) 1,2-Dibromoethane	9.65	107	180458	56.667	ug/l	99
64) Tetrachloroethene	9.32	164	167994	39.308	ug/l	99
65) Chlorobenzene	10.12	112	485487	51.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	183048	50.536	ug/l	98
67) Ethyl Benzene	10.24	91	812379	51.519	ug/l	100
68) m/p-Xylenes	10.34	106	628926	102.496	ug/l	99
69) o-Xylene	10.68	106	301550	53.148	ug/l	98
70) Styrene	10.70	104	534360	55.430	ug/l	99
71) Bromoform	10.84	173	158041	51.897	ug/l #	99
73) Isopropylbenzene	11.01	105	786646	57.091	ug/l	100
74) N-amyl acetate	10.88	43	335553	69.741	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	204550	52.574	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	262065	67.051	ug/l	85
77) Bromobenzene	11.24	156	190463	50.685	ug/l	99
78) n-propylbenzene	11.34	91	791554	51.475	ug/l	100
79) 2-Chlorotoluene	11.40	91	478815	50.892	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	601740	50.616	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80026	50.141	ug/l	98
82) 4-Chlorotoluene	11.49	91	559781	49.594	ug/l	99
83) tert-Butylbenzene	11.76	119	568439	48.326	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	617859	50.453	ug/l	97
85) sec-Butylbenzene	11.93	105	649847	47.570	ug/l	99
86) p-Isopropyltoluene	12.05	119	622977	49.772	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	338059	49.241	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	330546	47.607	ug/l	99
89) n-Butylbenzene	12.37	91	493535	45.982	ug/l	100
90) Hexachloroethane	12.58	117	109830	48.712	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	314498	47.452	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49533	53.693	ug/l	98

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QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

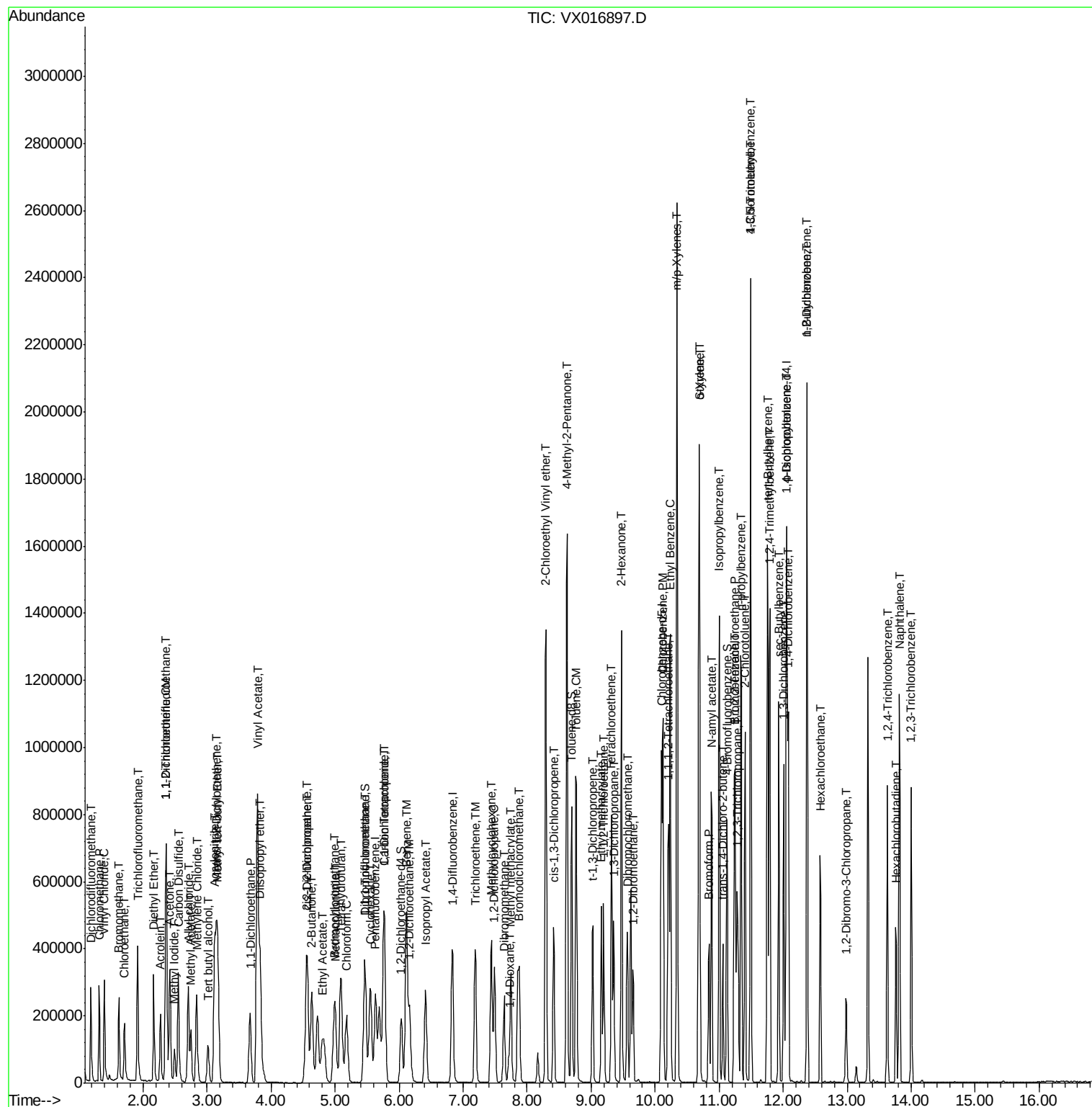
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	221111	49.682	ug/l	100
94) Hexachlorobutadiene	13.77	225	73904	36.800	ug/l	98
95) Naphthalene	13.82	128	719405	55.059	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	220618	49.708	ug/l	99

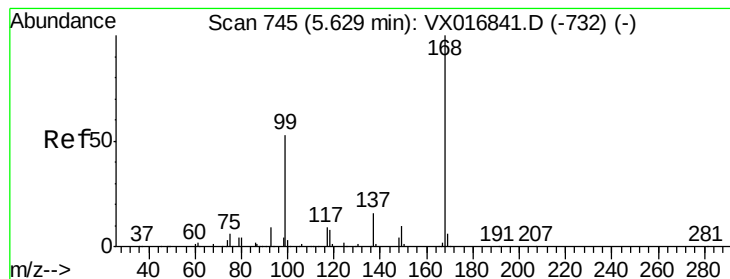
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

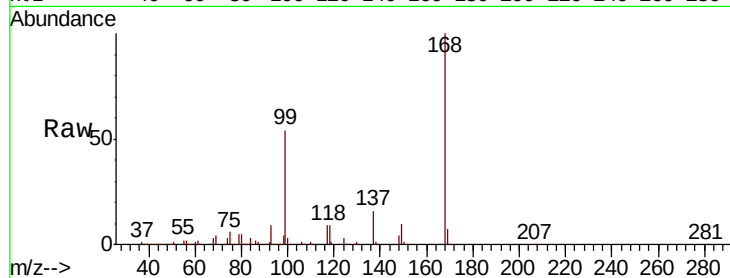
VSTDCCC050EC

Tot Ion:168 Resp: 269819

Ion Ratio Lower Upper

168 100

99 53.7 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

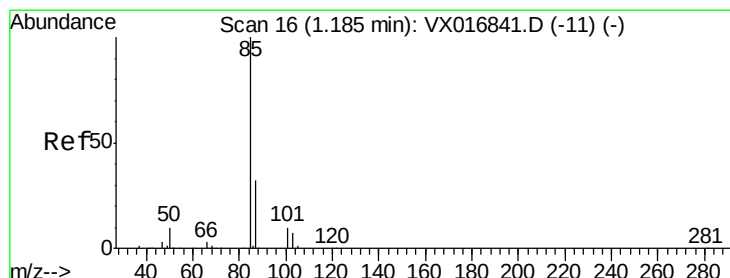
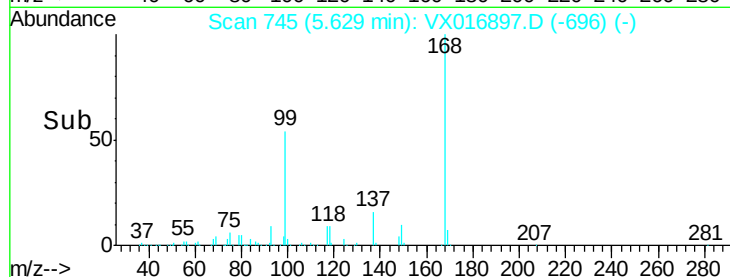
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.846 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016897.D

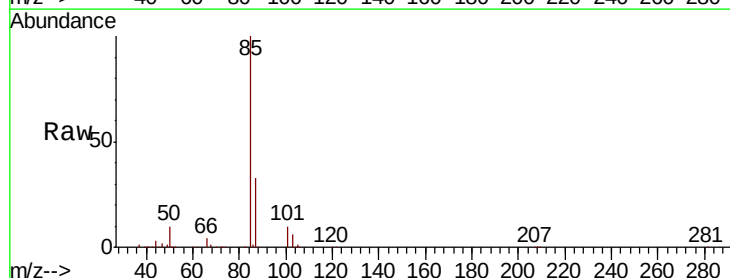
Acq: 19 Jun 2020 21:55

Tgt Ion: 85 Resp: 171674

Ion Ratio Lower Upper

85 100

87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

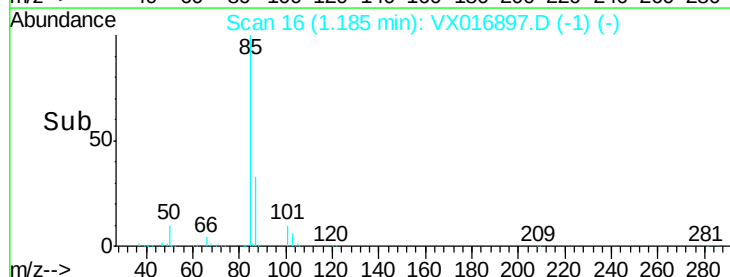
150000

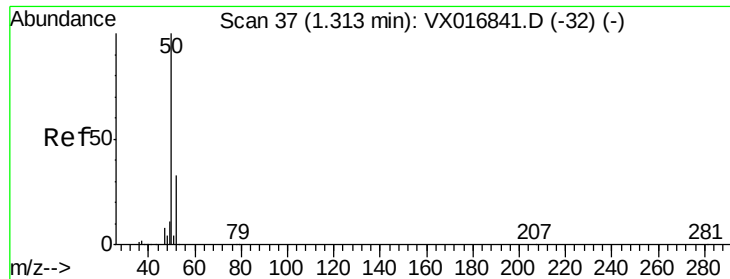
100000

50000

0

Time-->





#3

Chloromethane

Concen: 51.798 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

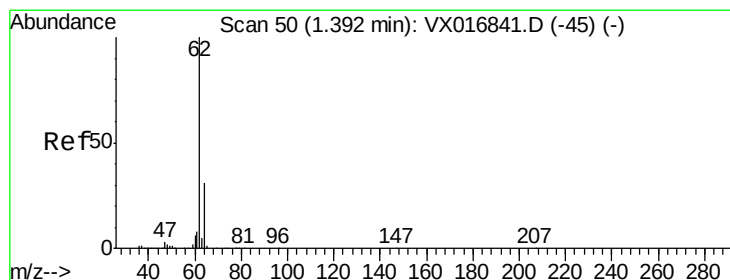
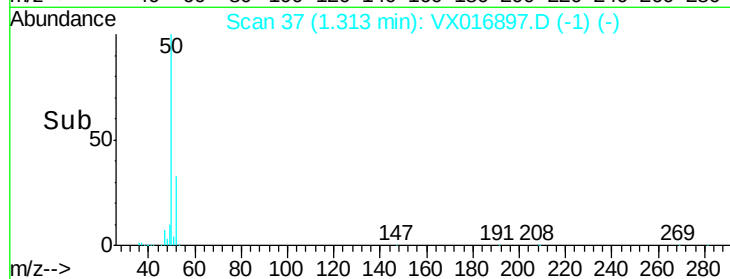
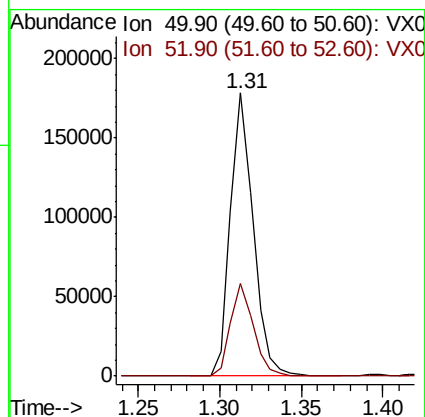
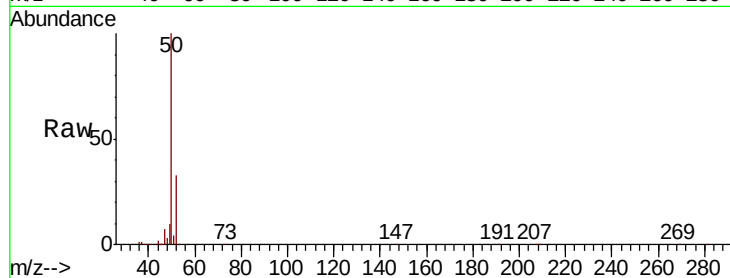
VSTDCCC050EC

Tot Ion: 50 Resp: 173913

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 52.426 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016897.D

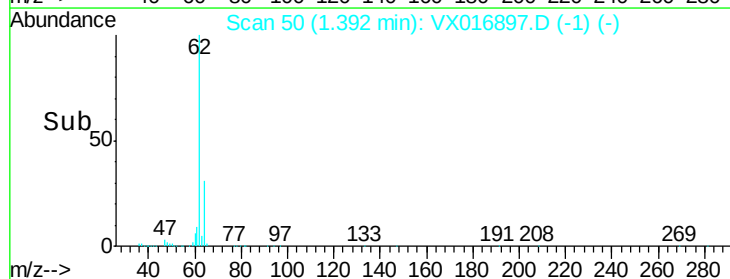
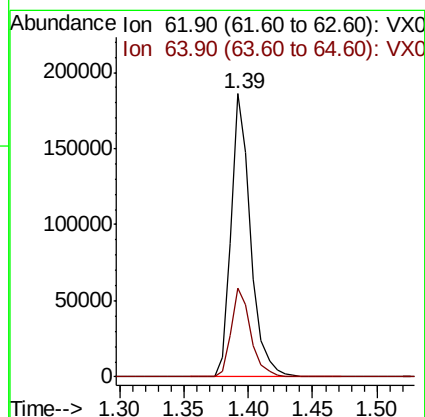
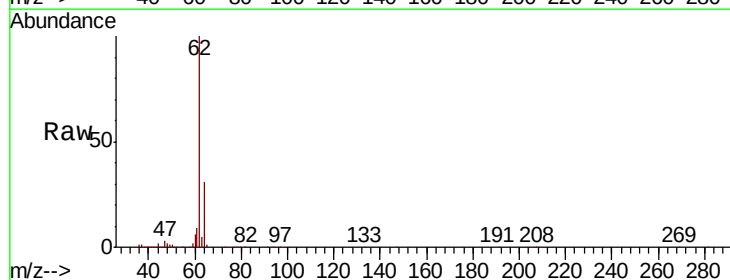
Acq: 19 Jun 2020 21:55

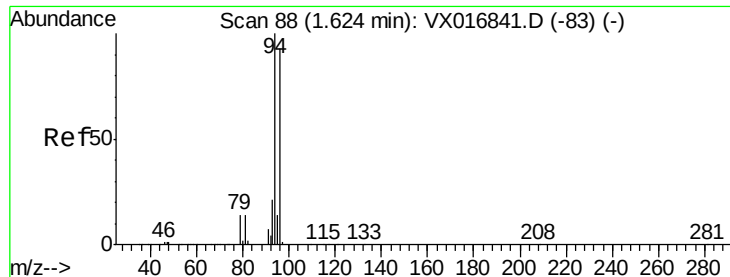
Tgt Ion: 62 Resp: 198388

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 41.139 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

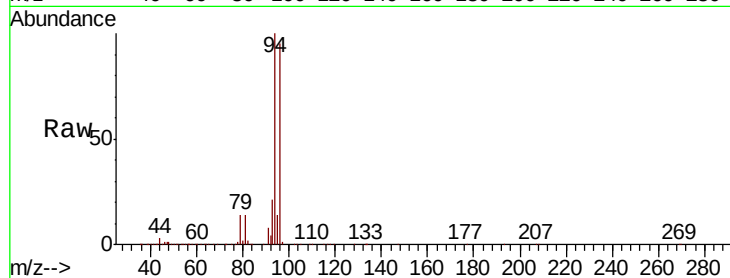
VSTDCCC050EC

Tot Ion: 94 Resp: 93736

Ion Ratio Lower Upper

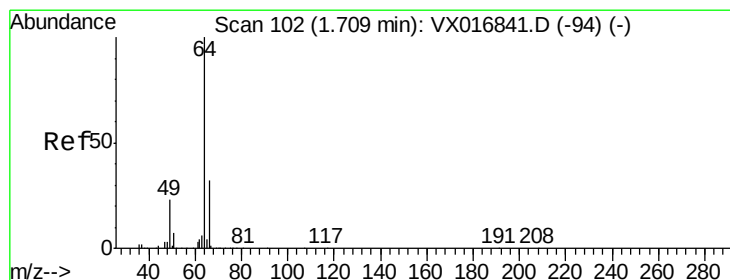
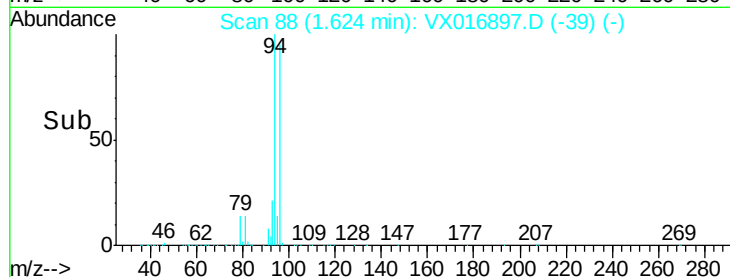
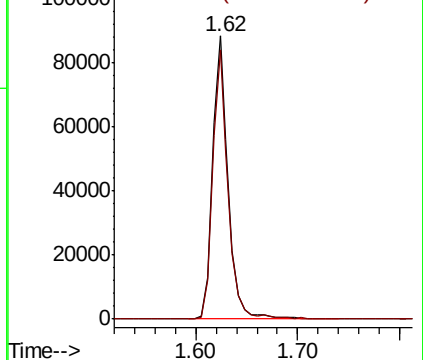
94 100

96 95.2 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.936 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016897.D

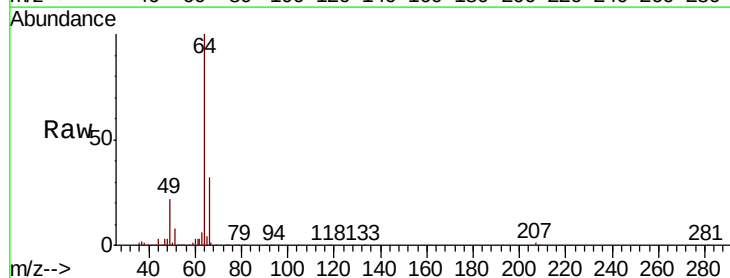
Acq: 19 Jun 2020 21:55

Tgt Ion: 64 Resp: 123375

Ion Ratio Lower Upper

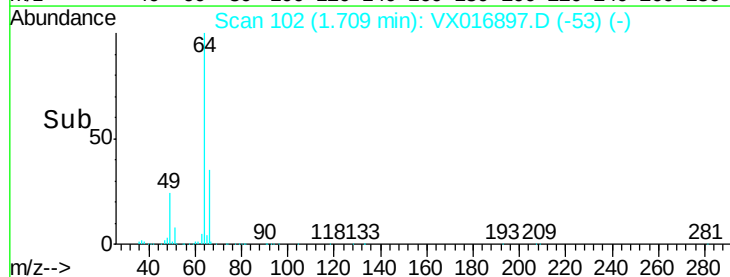
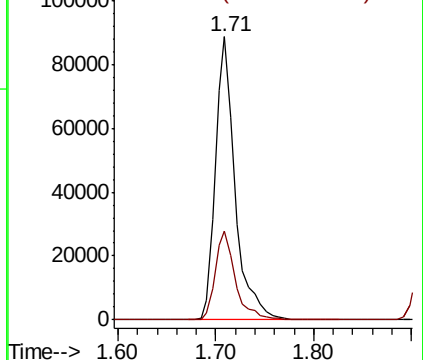
64 100

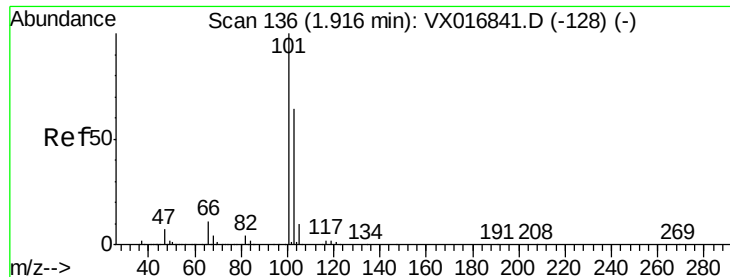
66 31.5 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



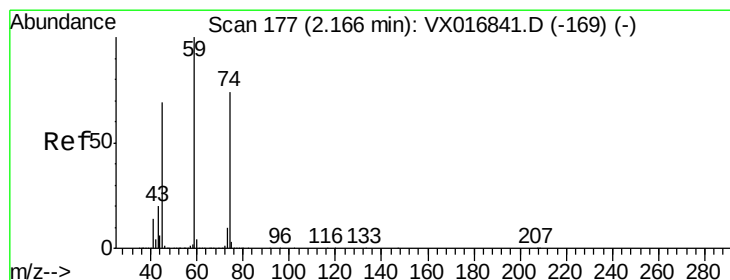
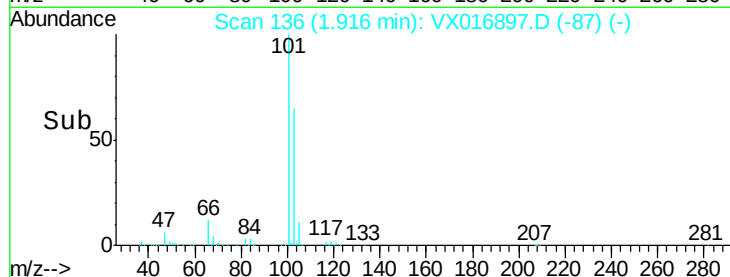
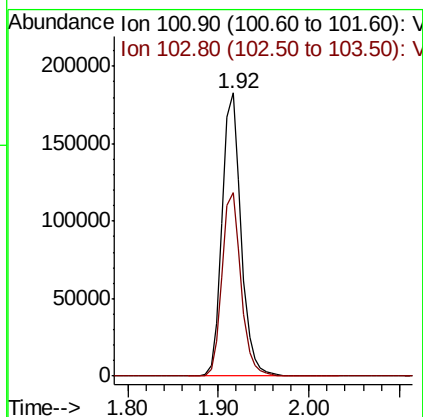
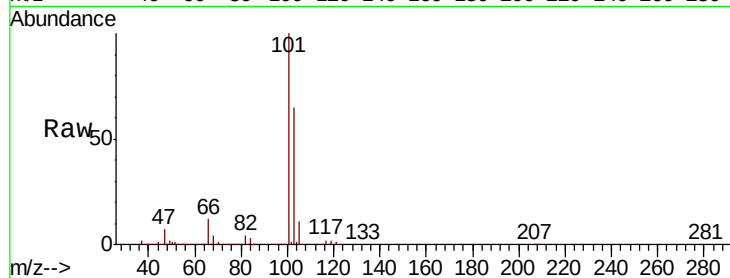


#7

Trichlorofluoromethane
 Concen: 50.269 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

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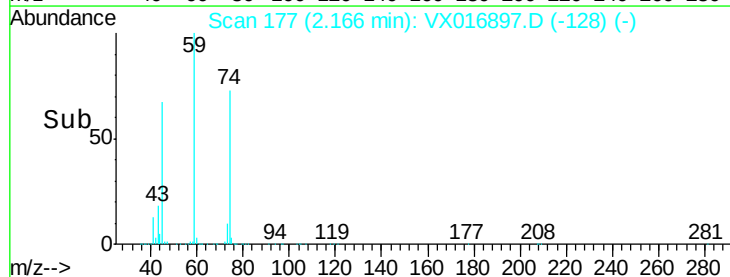
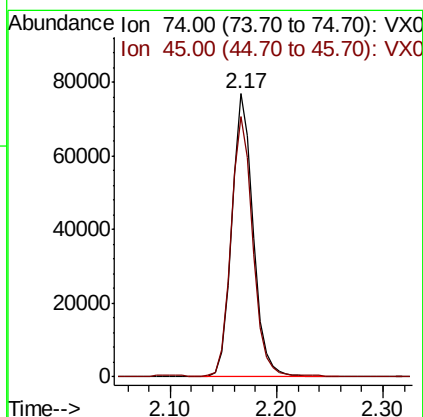
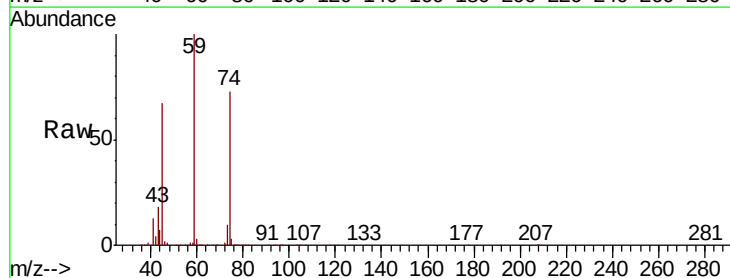
Tot Ion:101 Resp: 266116
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.2 76.8

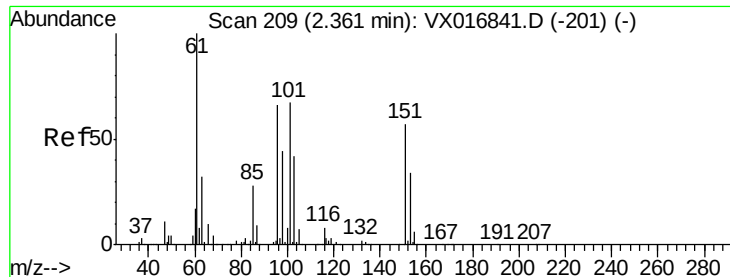


#8

Diethyl Ether
 Concen: 52.616 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion: 74 Resp: 108297
 Ion Ratio Lower Upper
 74 100
 45 93.3 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.047 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

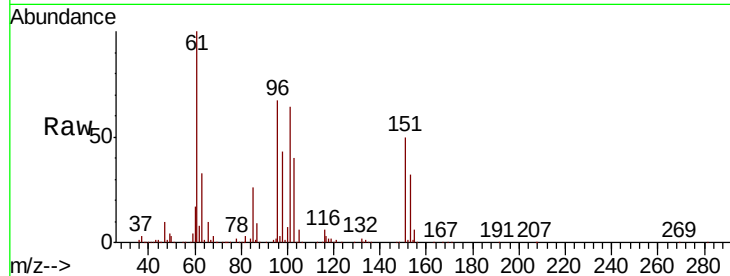
Tot Ion:101 Resp: 146762

Ion Ratio Lower Upper

101 100

85 41.9 34.3 51.5

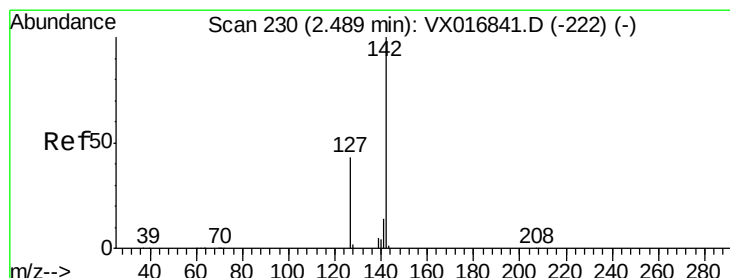
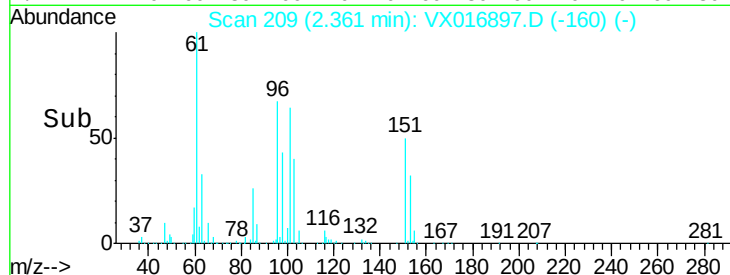
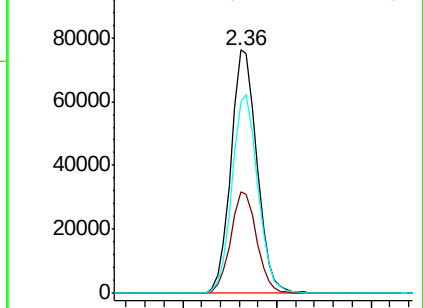
151 80.9 67.6 101.4



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: 37.646 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

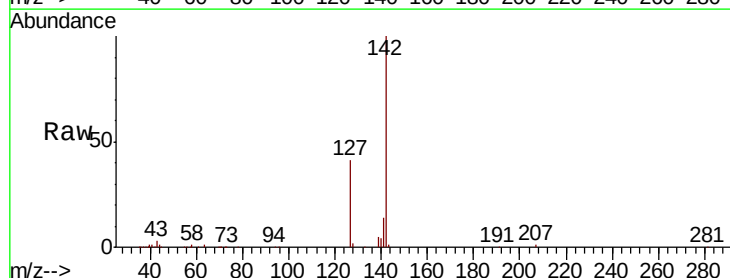
Tgt Ion:142 Resp: 101058

Ion Ratio Lower Upper

142 100

127 42.0 35.1 52.7

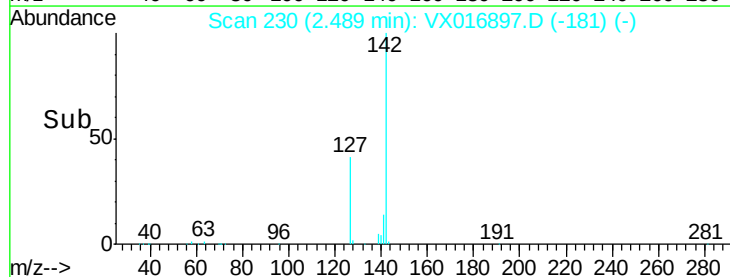
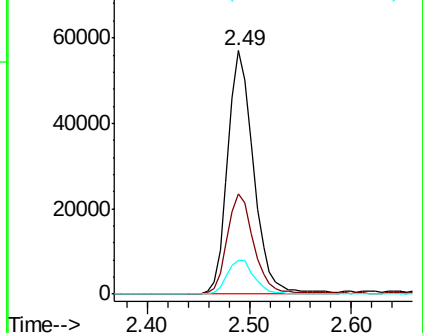
141 14.9 11.6 17.4

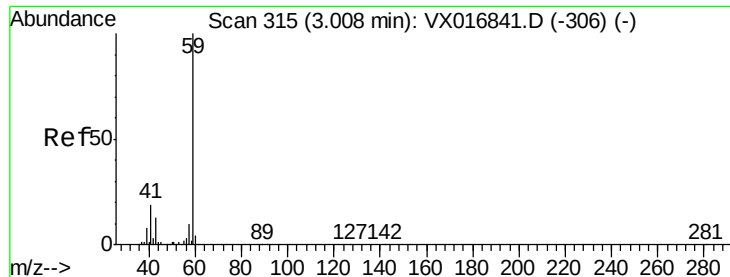


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

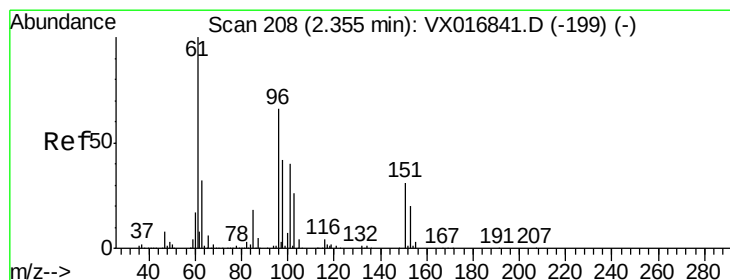
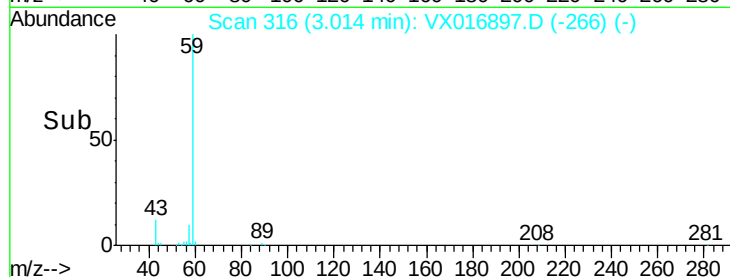
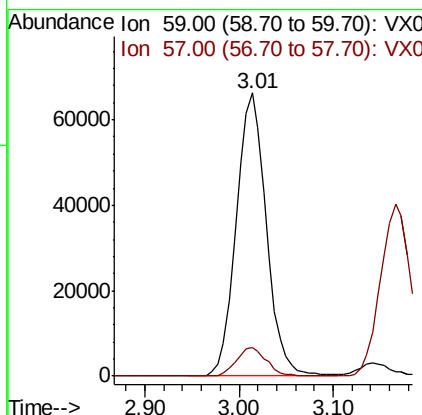
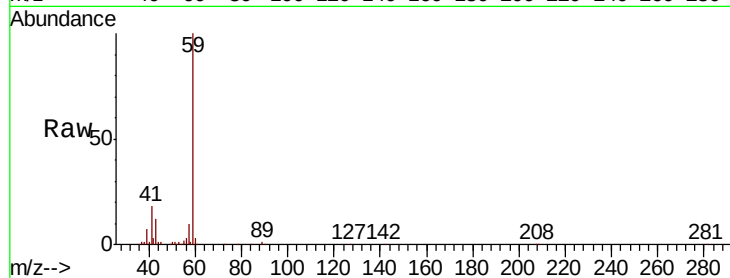




#11
Tert butyl alcohol
Concen: 269.087 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

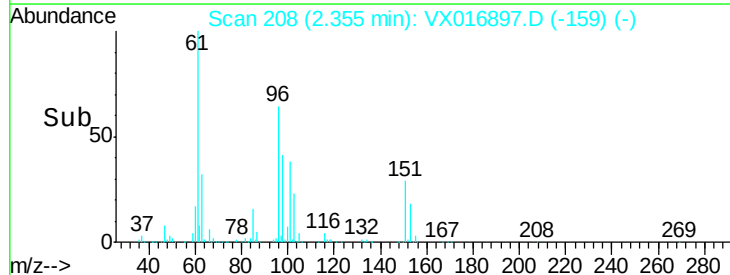
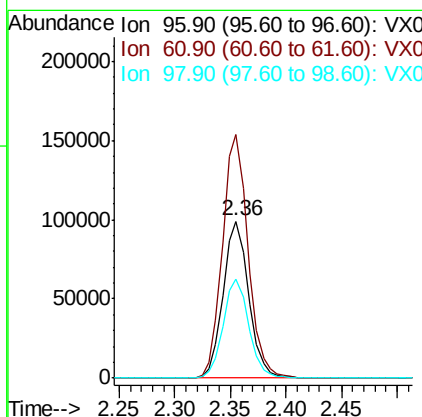
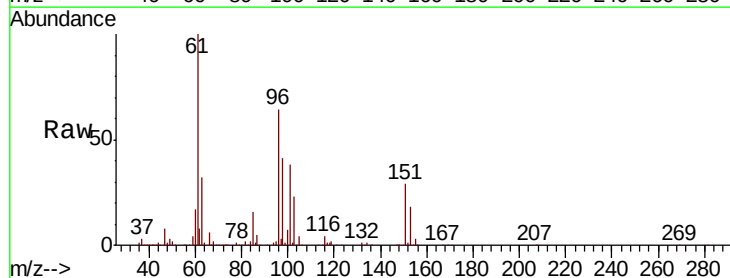
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

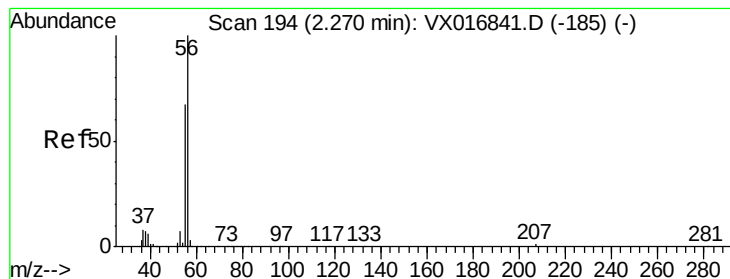
Tot Ion: 59 Resp: 147616
Ion Ratio Lower Upper
59 100
57 10.2 8.4 12.6



#12
1,1-Dichloroethene
Concen: 54.561 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 96 Resp: 157321
Ion Ratio Lower Upper
96 100
61 155.3 121.7 182.5
98 63.1 51.1 76.7





#13

Acrolein

Concen: 451.336 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

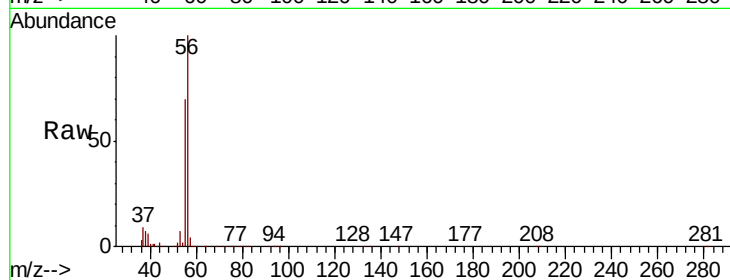
VSTDCCC050EC

Tot Ion: 56 Resp: 150115

Ion Ratio Lower Upper

56 100

55 69.2 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

100000

80000

60000

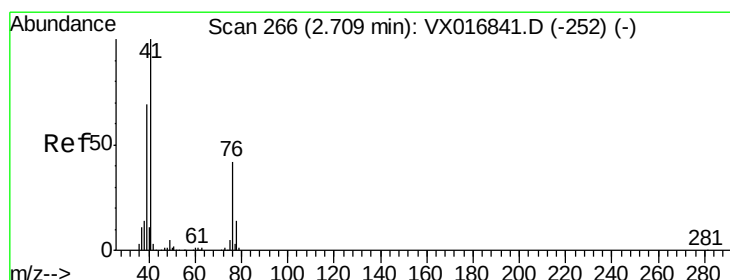
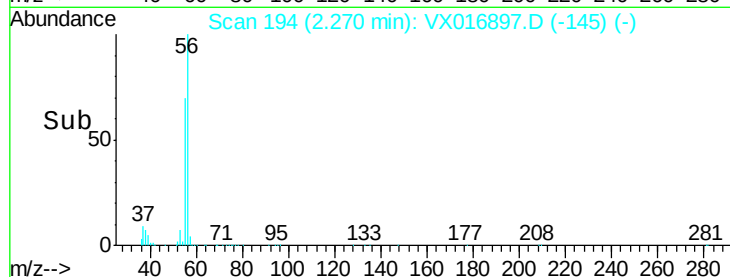
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 53.206 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

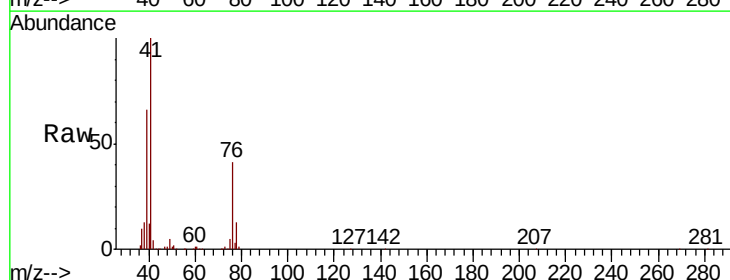
Tgt Ion: 41 Resp: 202928

Ion Ratio Lower Upper

41 100

39 59.3 50.7 76.1

76 36.5 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

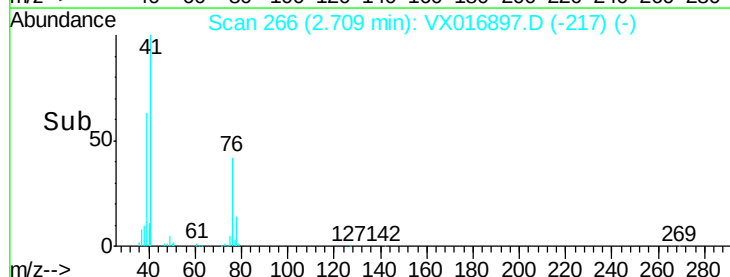
200000

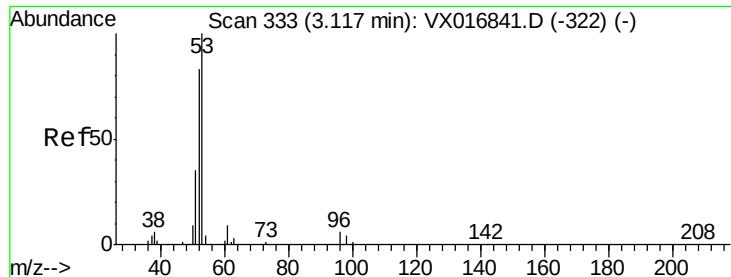
100000

0

Time-->

2.60 2.70 2.80

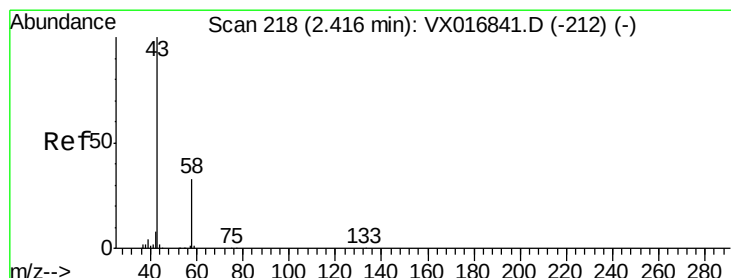
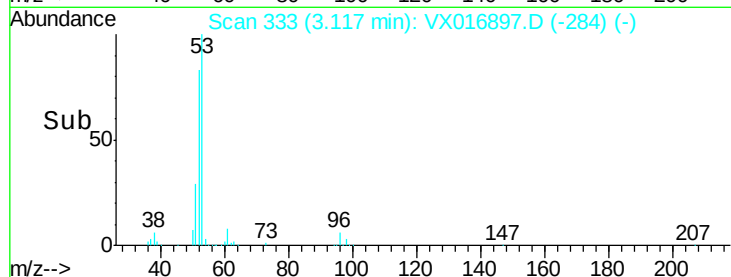
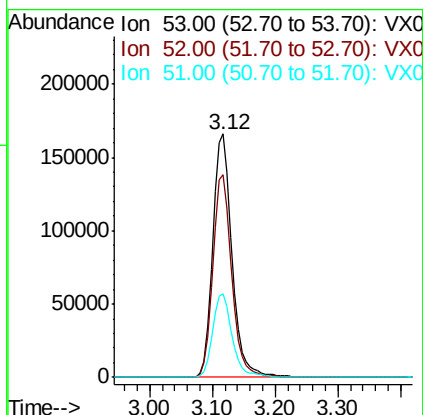
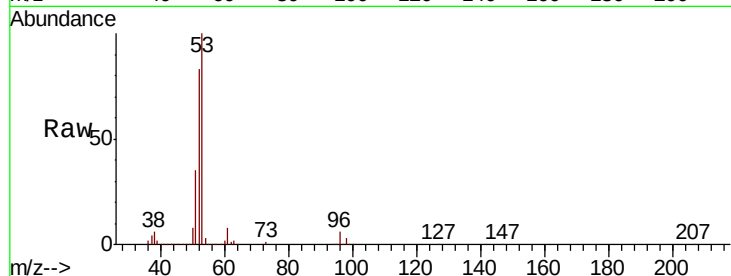




#15
 Acrylonitrile
 Concen: 280.418 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

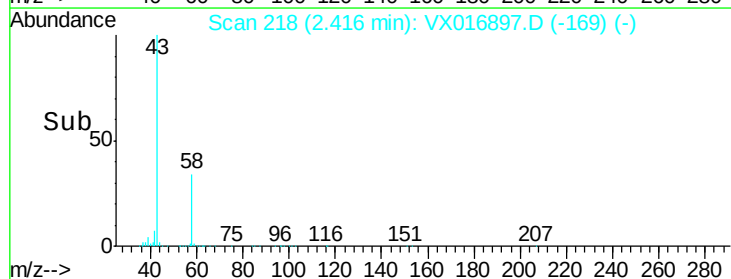
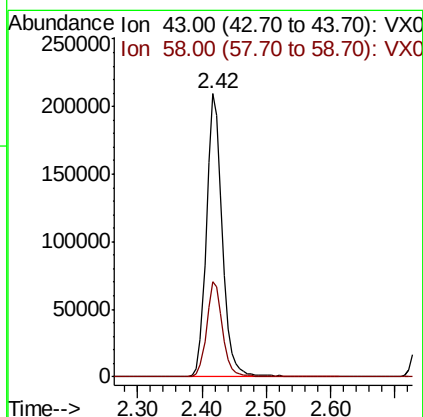
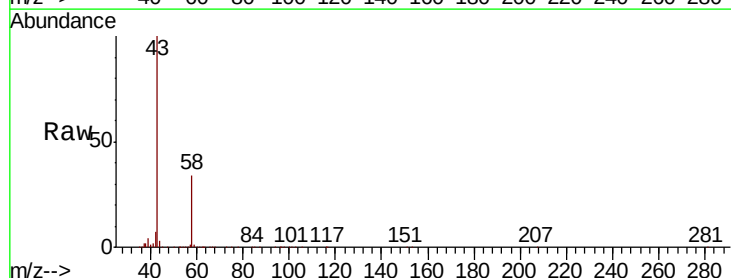
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

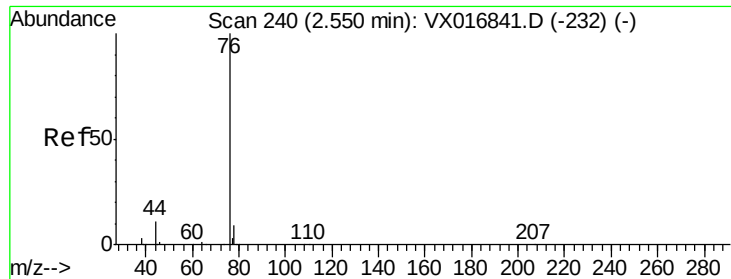
Tot Ion: 53 Resp: 352520
 Ion Ratio Lower Upper
 53 100
 52 81.9 66.2 99.2
 51 35.2 28.7 43.1



#16
 Acetone
 Concen: 302.808 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion: 43 Resp: 356711
 Ion Ratio Lower Upper
 43 100
 58 33.7 26.6 39.8





#17

Carbon Disulfide

Concen: 57.991 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

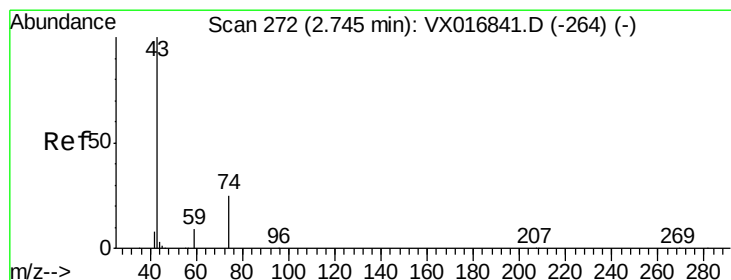
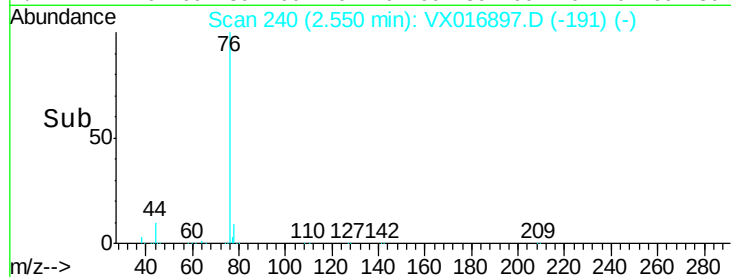
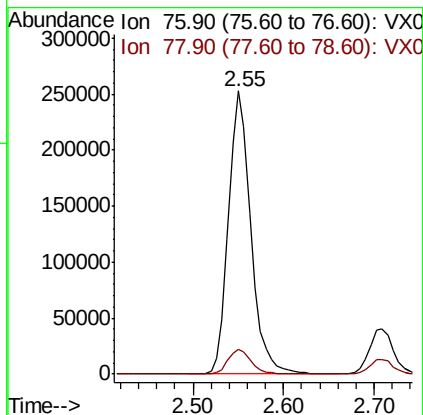
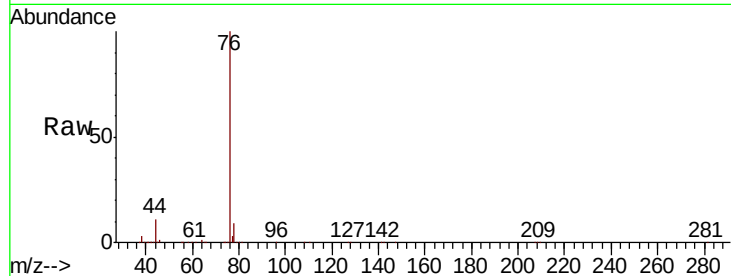
VSTDCCC050EC

Tot Ion: 76 Resp: 432131

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



#18

Methyl Acetate

Concen: 57.618 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016897.D

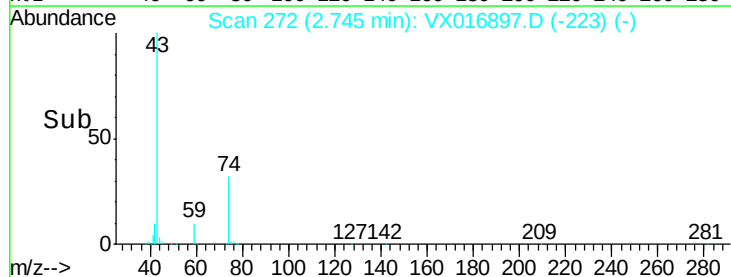
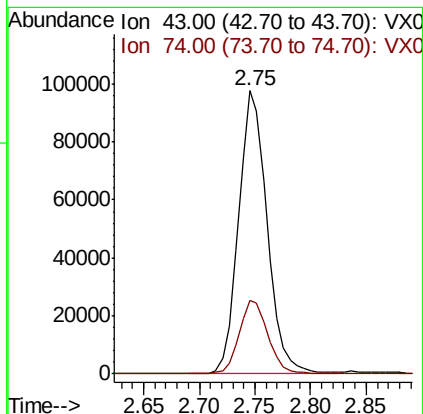
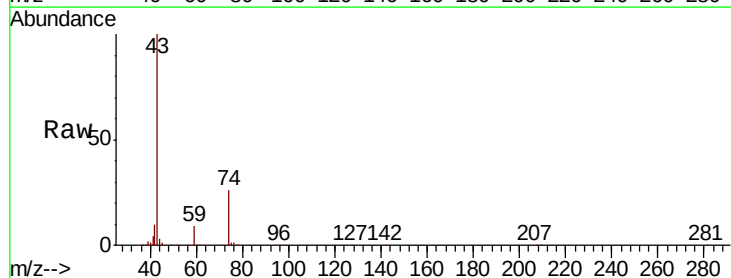
Acq: 19 Jun 2020 21:55

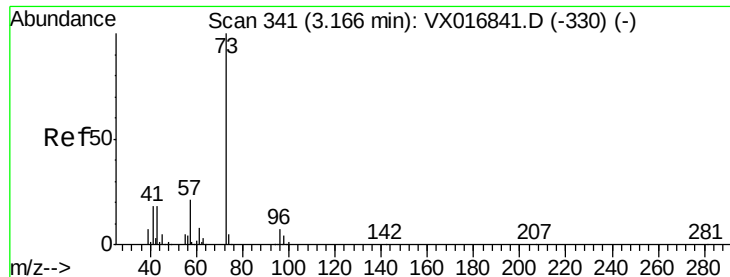
Tgt Ion: 43 Resp: 172598

Ion Ratio Lower Upper

43 100

74 26.6 21.8 32.8



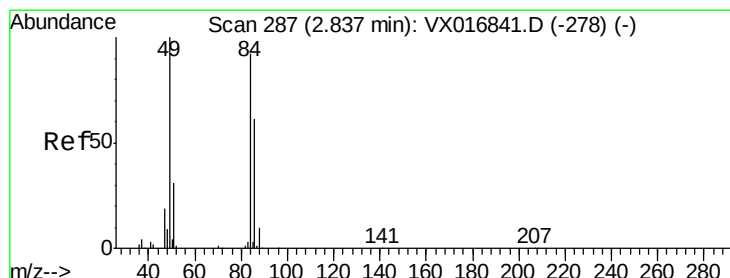
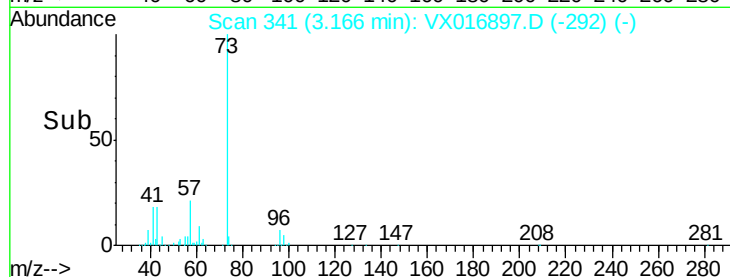
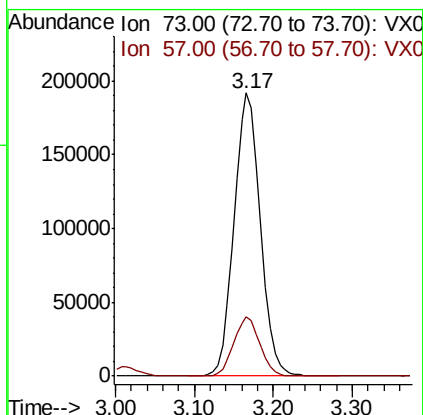
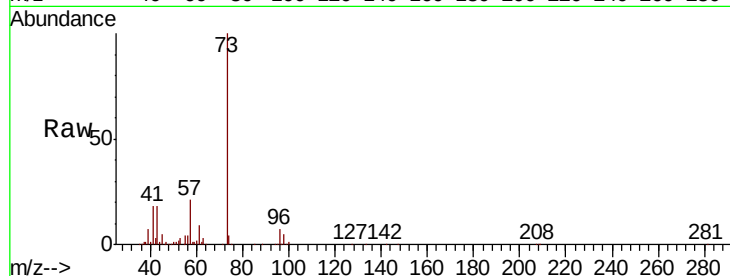


#19

Methyl tert-butyl Ether
 Concen: 53.913 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

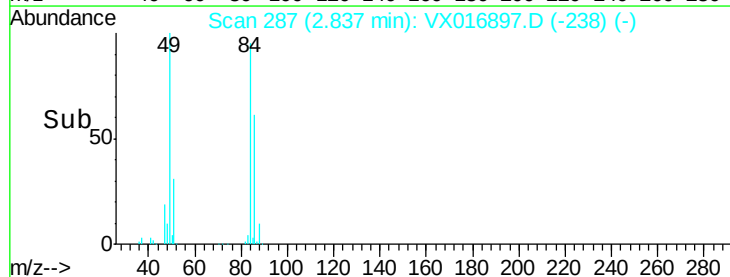
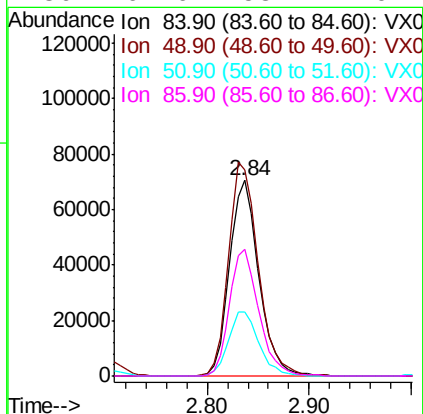
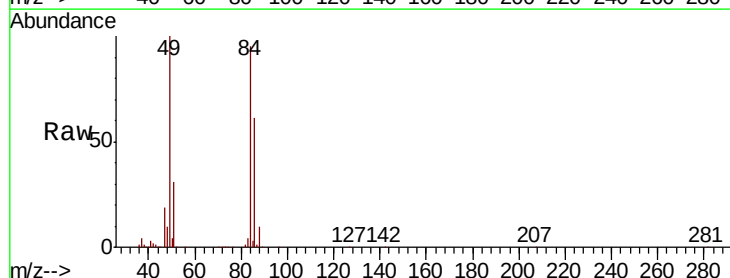
Tot Ion: 73 Resp: 443015
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.9 25.3

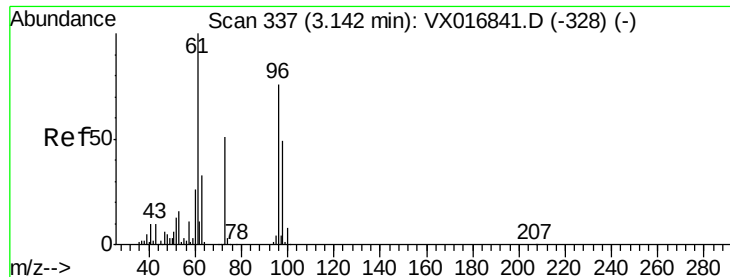


#20

Methylene Chloride
 Concen: 49.613 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion: 84 Resp: 140154
 Ion Ratio Lower Upper
 84 100
 49 105.5 86.6 129.8
 51 32.9 27.1 40.7
 86 64.6 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 50.638 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

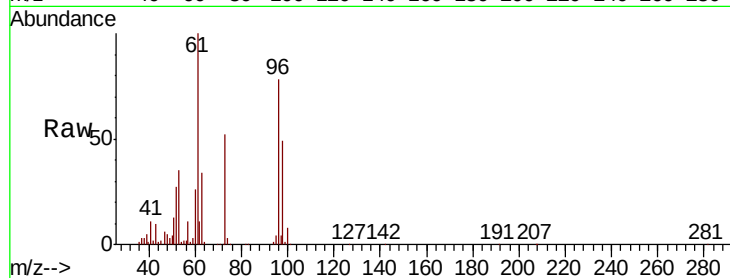
Tot Ion: 96 Resp: 137826

Ion Ratio Lower Upper

96 100

61 127.4 105.4 158.0

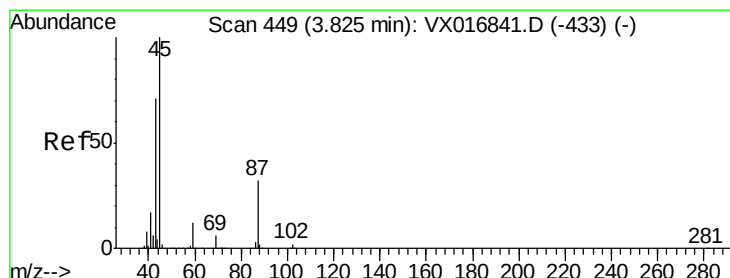
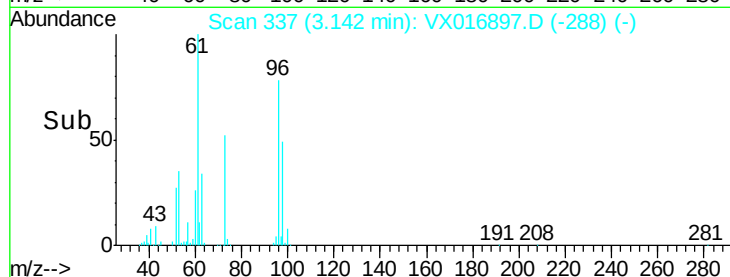
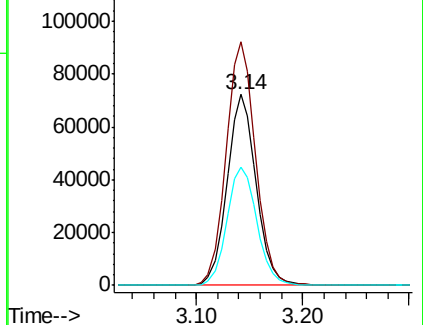
98 61.9 51.3 76.9



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: 58.480 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion: 45 Resp: 427338

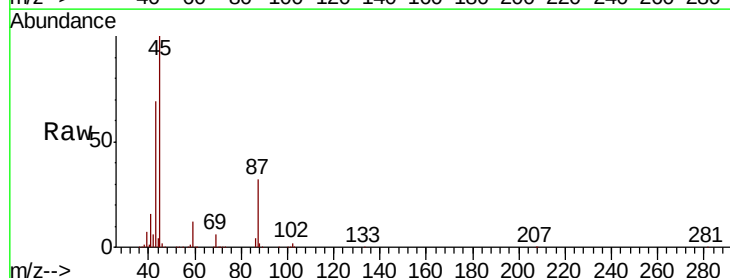
Ion Ratio Lower Upper

45 100

43 68.6 57.0 85.4

87 31.5 25.2 37.8

59 12.1 9.9 14.9

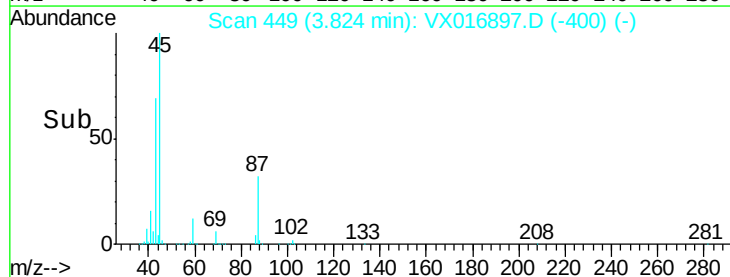
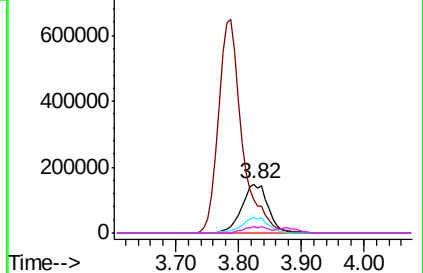


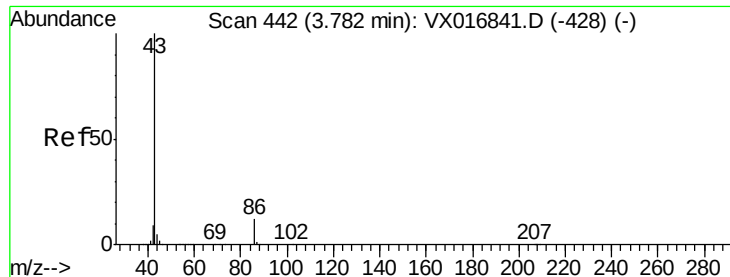
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 280.713 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

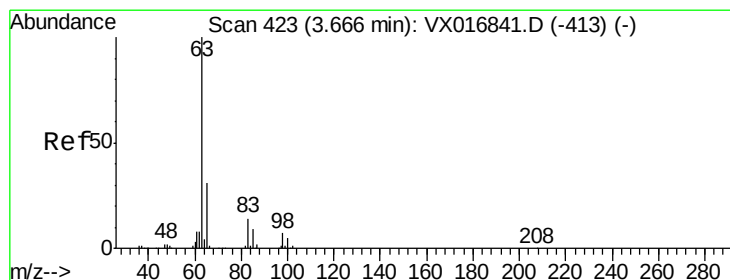
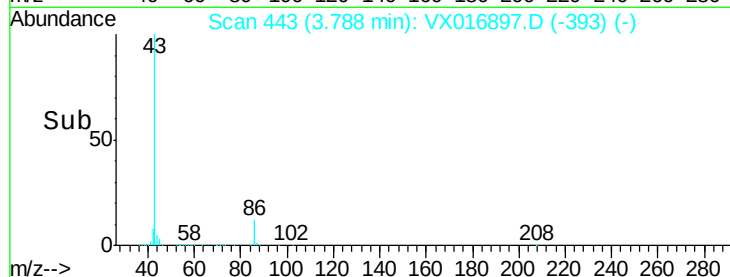
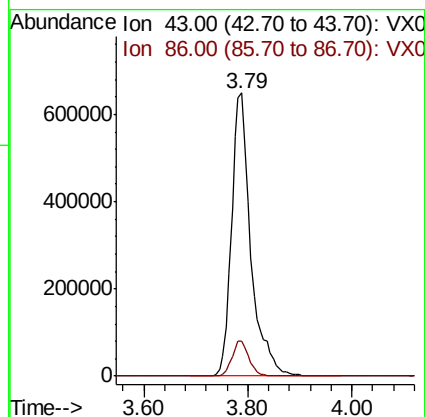
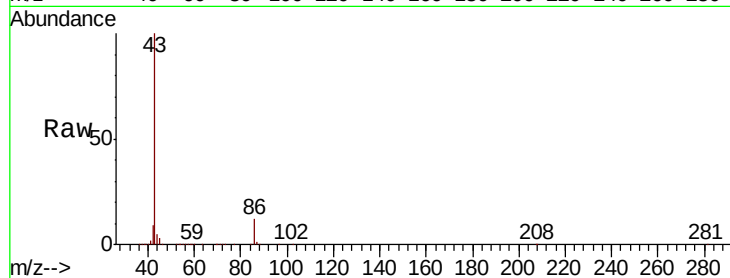
VSTDCCC050EC

Tot Ion: 43 Resp: 1691466

Ion Ratio Lower Upper

43 100

86 12.2 9.9 14.9



#24

1,1-Dichloroethane

Concen: 52.645 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

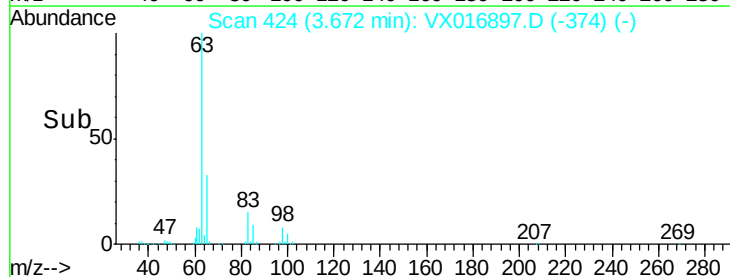
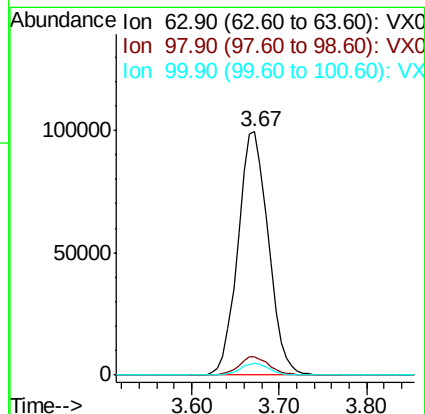
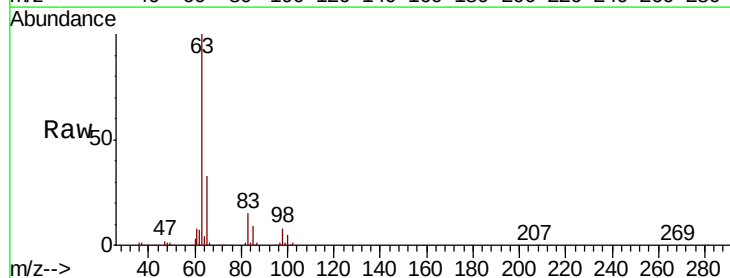
Tgt Ion: 63 Resp: 240301

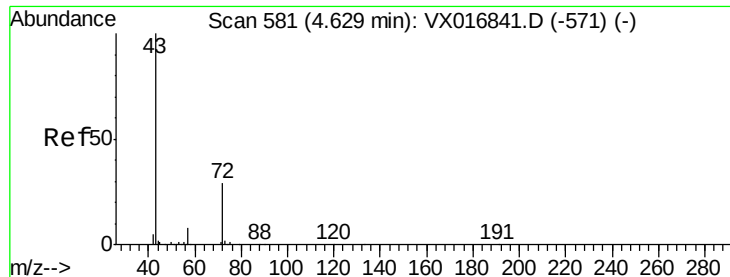
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.9 2.4 7.1

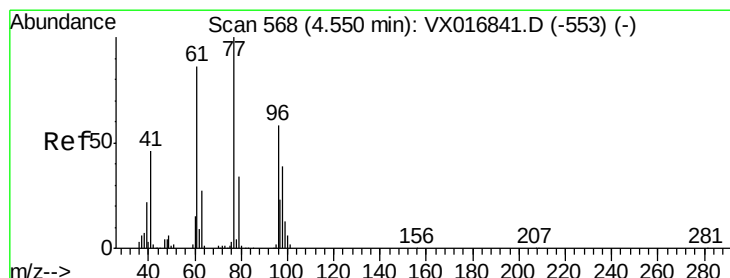
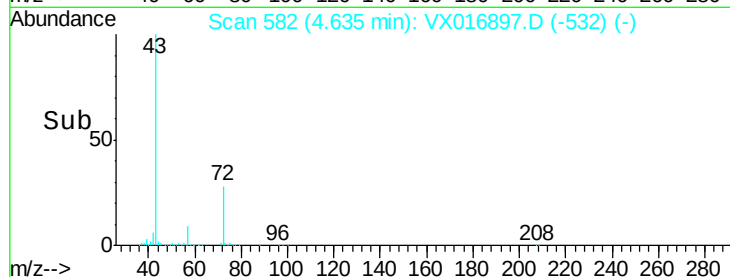
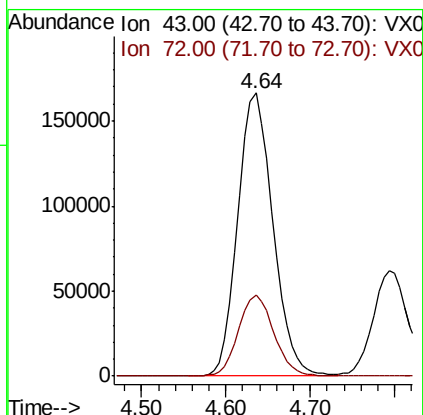
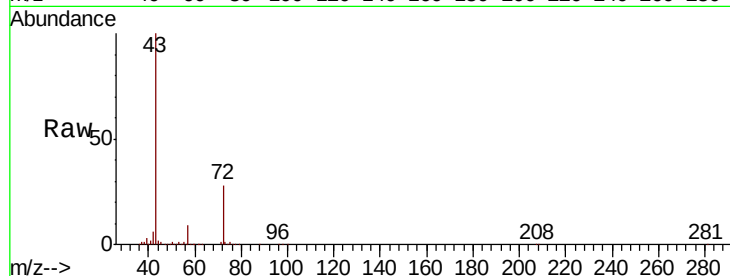




#25
2-Butanone
Concen: 289.597 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

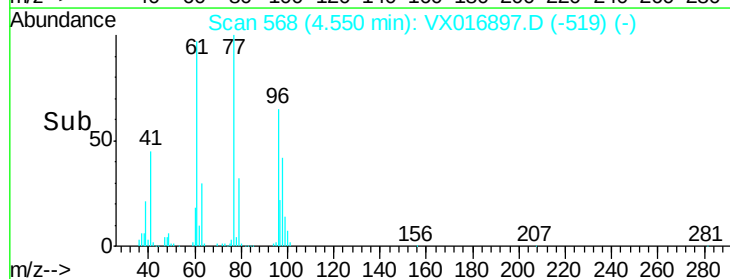
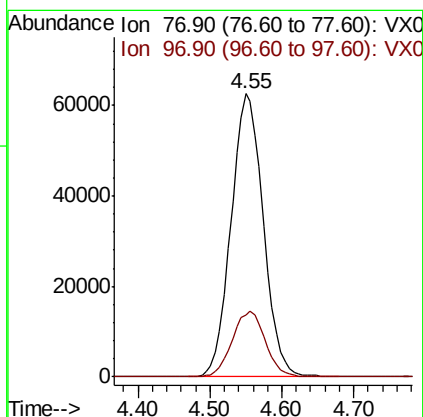
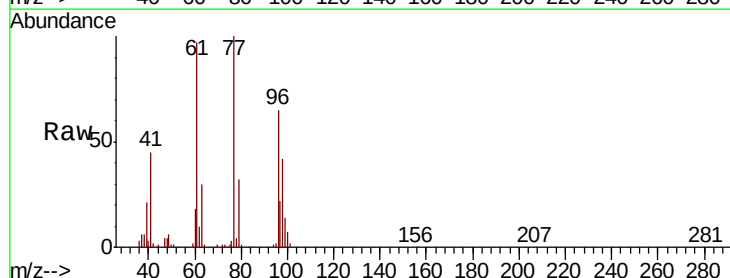
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

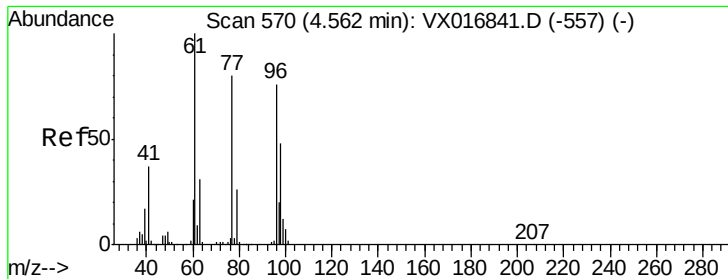
Tot Ion: 43 Resp: 469508
Ion Ratio Lower Upper
43 100
72 28.2 23.5 35.3



#26
2,2-Dichloropropane
Concen: 45.358 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 77 Resp: 193971
Ion Ratio Lower Upper
77 100
97 23.9 11.6 34.7



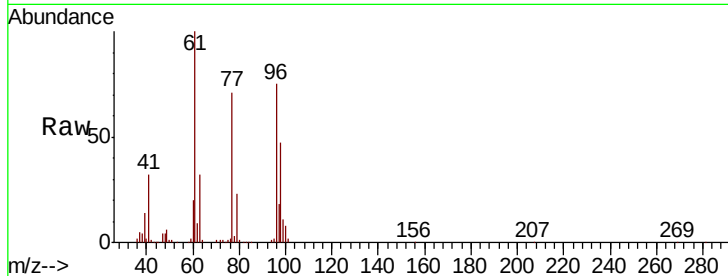


#27

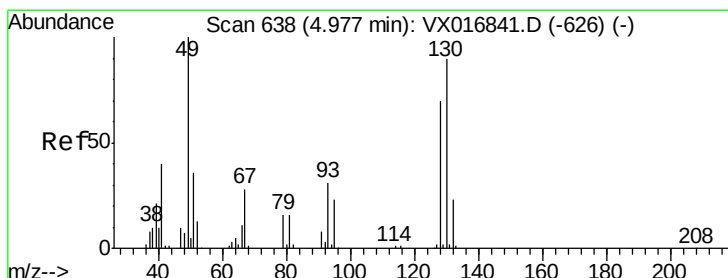
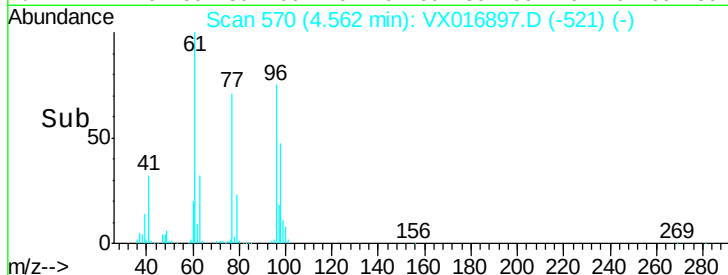
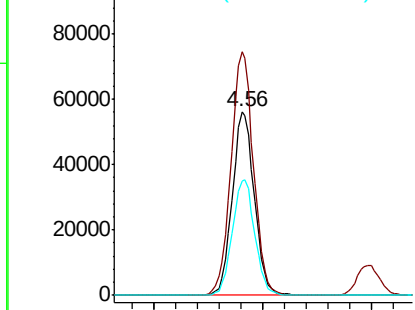
cis-1,2-Dichloroethene
Concen: 51.918 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.6	0.0	273.8
98	64.1	0.0	129.0



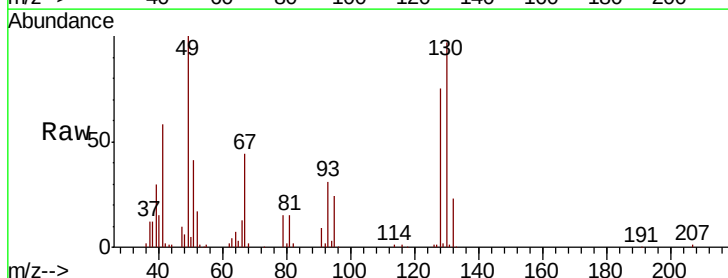
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



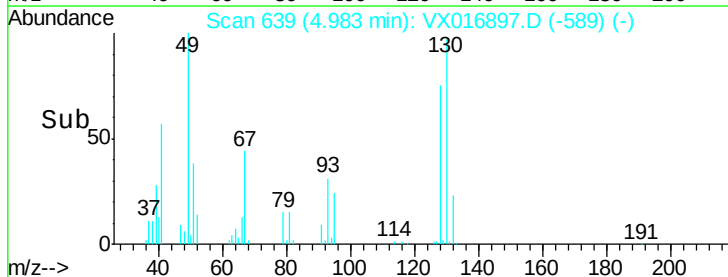
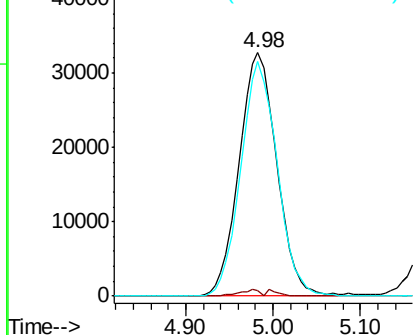
#28

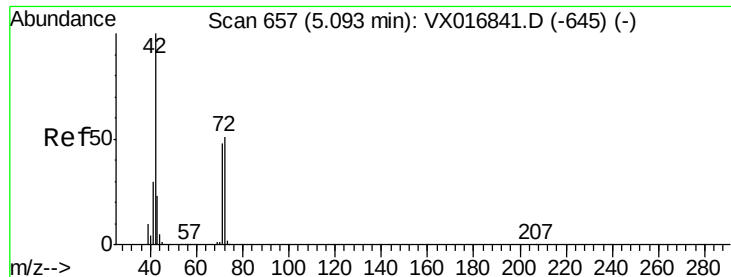
Bromochloromethane
Concen: 51.741 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.0
130	93.5	76.8	115.2



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

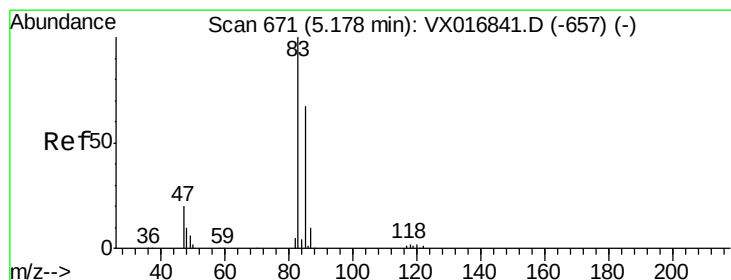
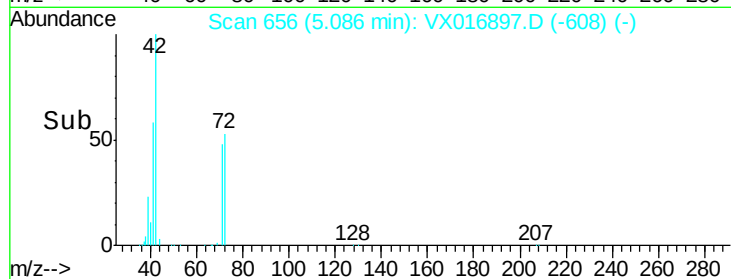
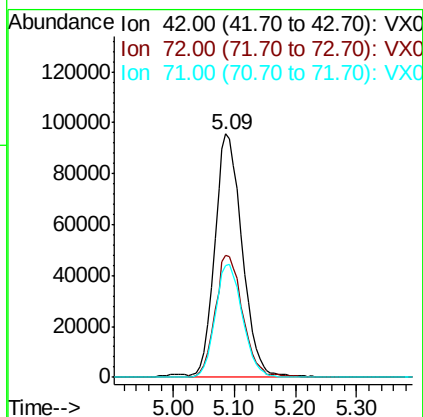
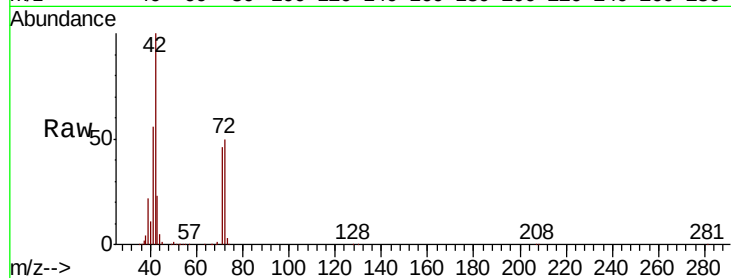




#29
Tetrahydrofuran
Concen: 291.653 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

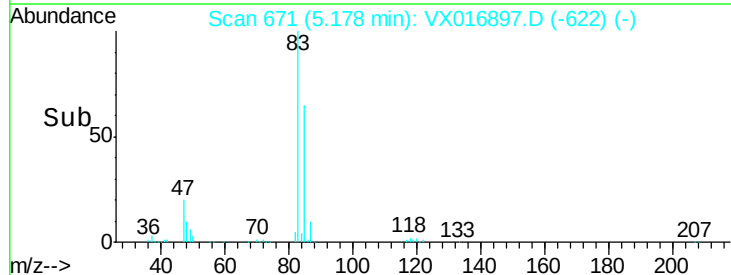
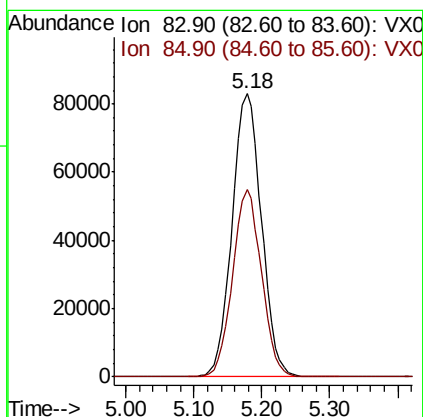
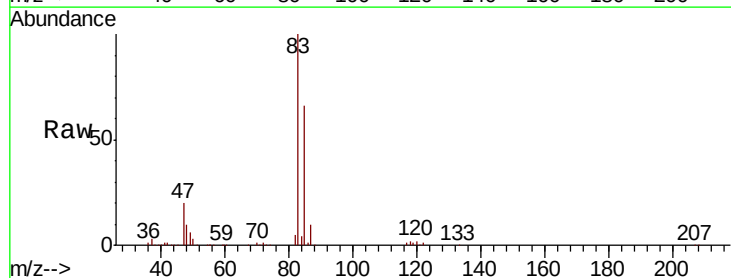
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

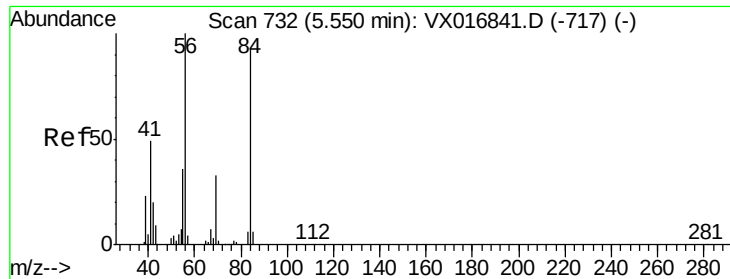
Tot Ion: 42 Resp: 297794
Ion Ratio Lower Upper
42 100
72 50.8 41.1 61.7
71 46.8 38.4 57.6



#30
Chloroform
Concen: 51.734 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 83 Resp: 249302
Ion Ratio Lower Upper
83 100
85 66.4 53.4 80.0

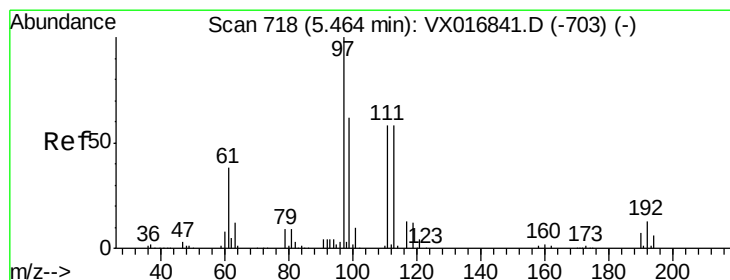
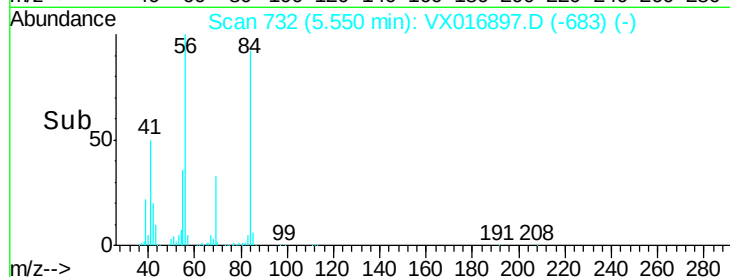
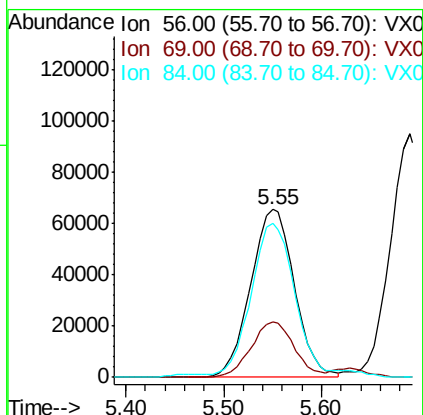
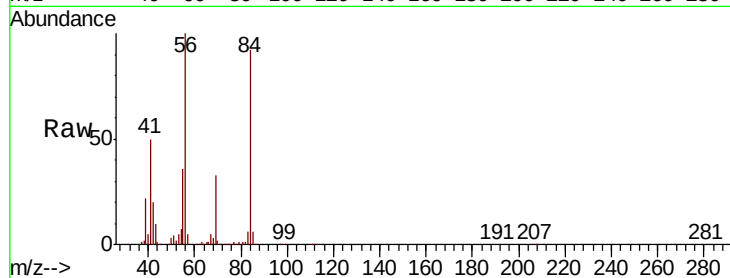




#31
Cyclohexane
Concen: 50.975 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

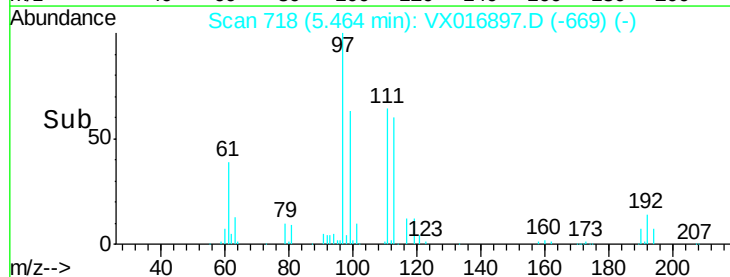
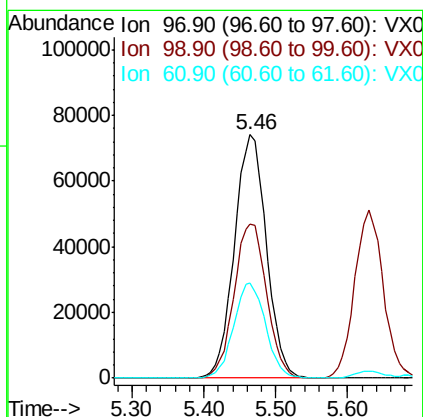
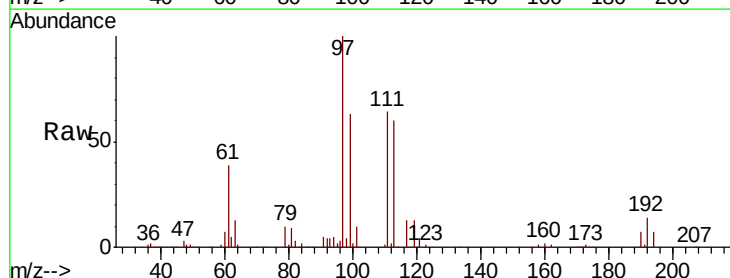
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

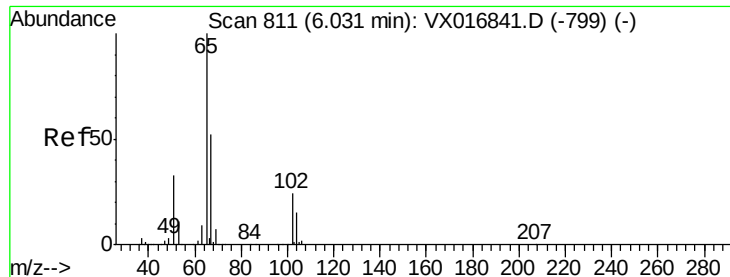
Tot Ion: 56 Resp: 204560
Ion Ratio Lower Upper
56 100
69 32.9 26.1 39.1
84 90.3 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 50.155 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 97 Resp: 228753
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 39.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 54.590 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

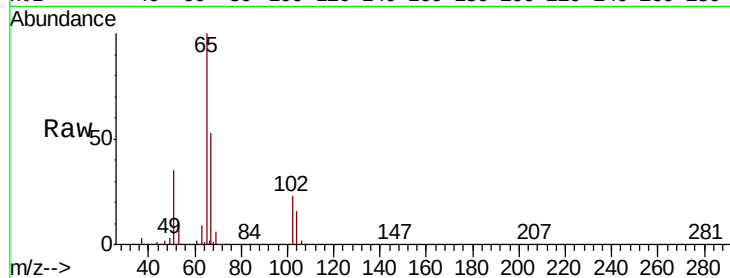
VSTDCCC050EC

Tot Ion: 65 Resp: 177148

Ion Ratio Lower Upper

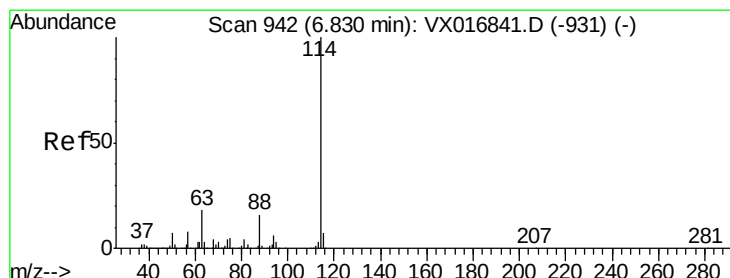
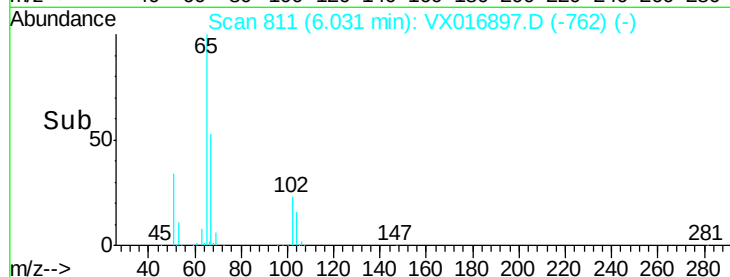
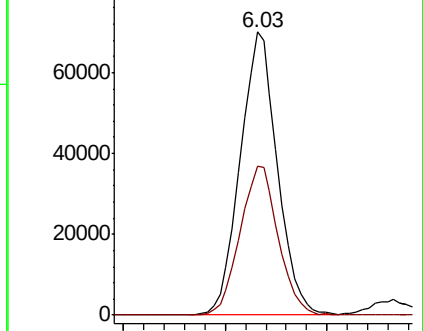
65 100

67 54.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

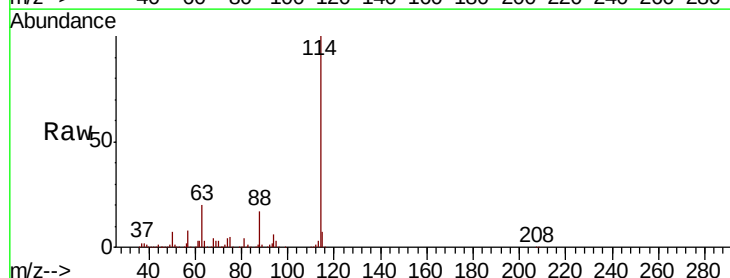
Tgt Ion: 114 Resp: 422872

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.0

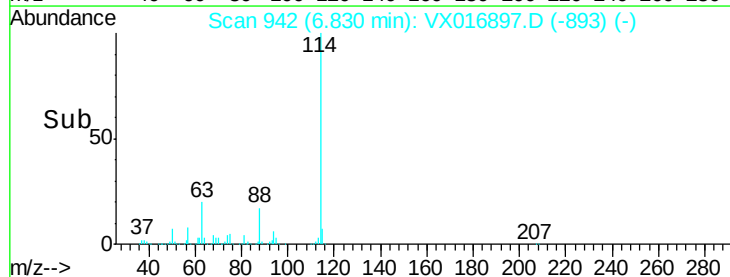
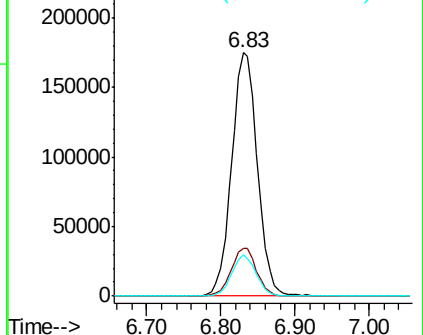
88 17.0 0.0 32.0

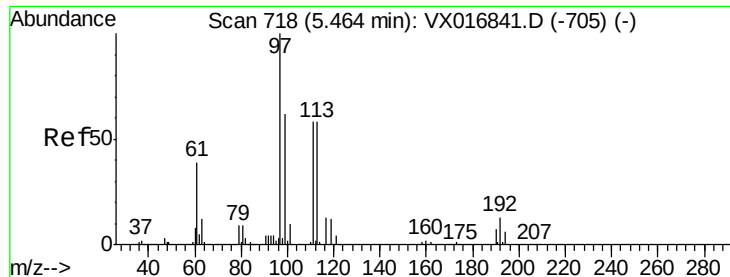


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.182 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

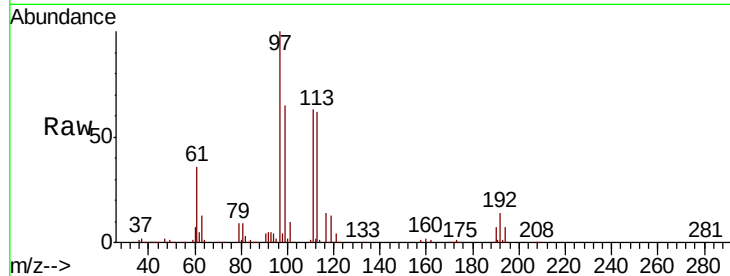
Tot Ion:113 Resp: 130337

Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.4

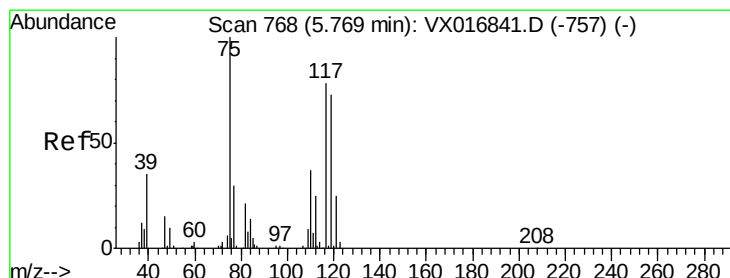
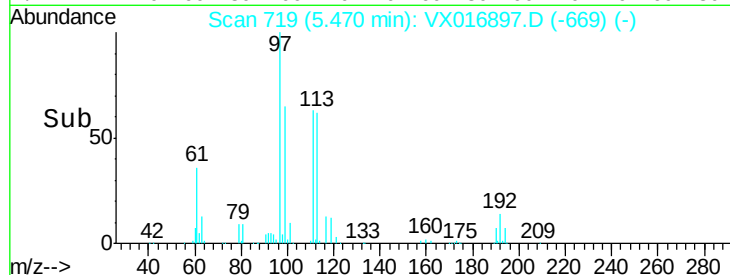
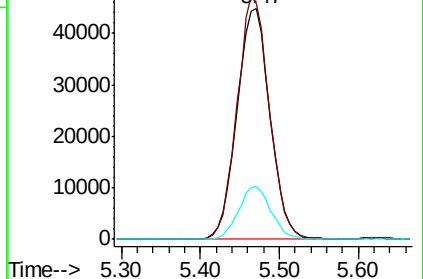
192 22.6 18.5 27.7



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: 55.834 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

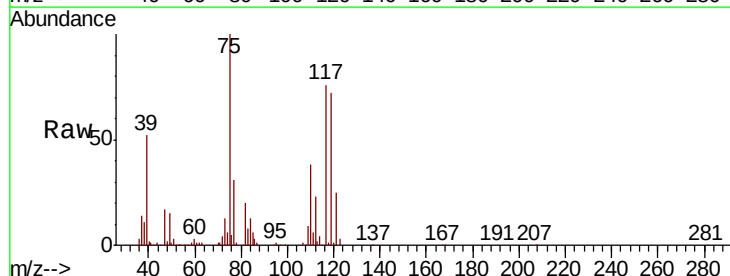
Tgt Ion: 75 Resp: 218003

Ion Ratio Lower Upper

75 100

110 37.1 18.9 56.9

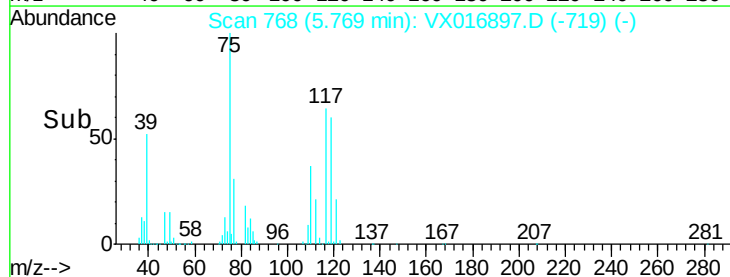
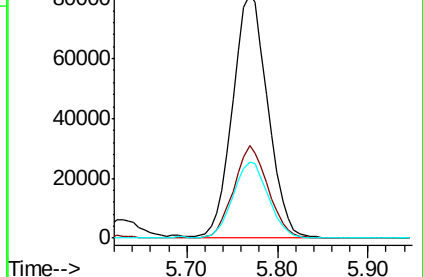
77 31.4 25.6 38.4

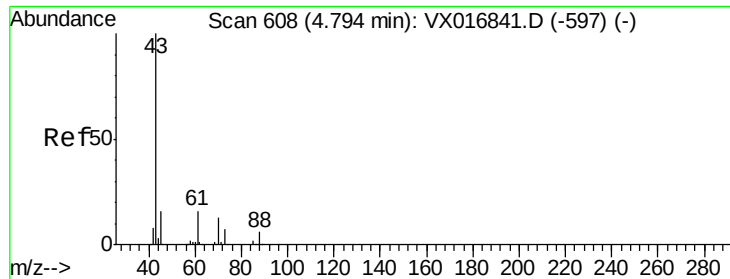


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

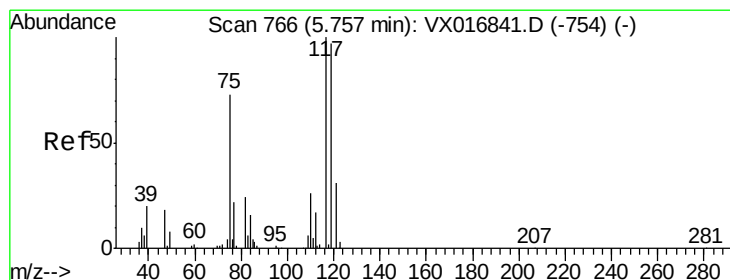
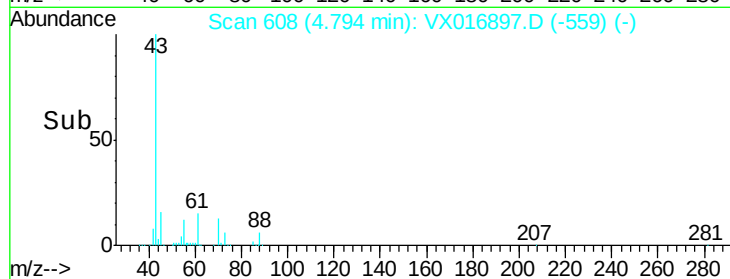
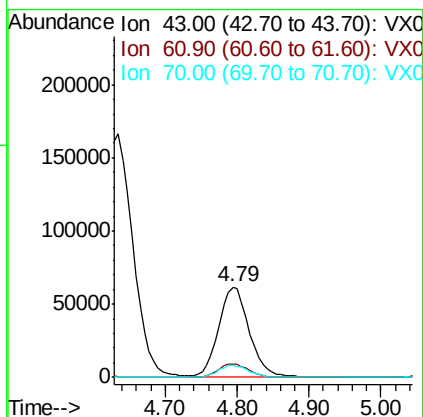
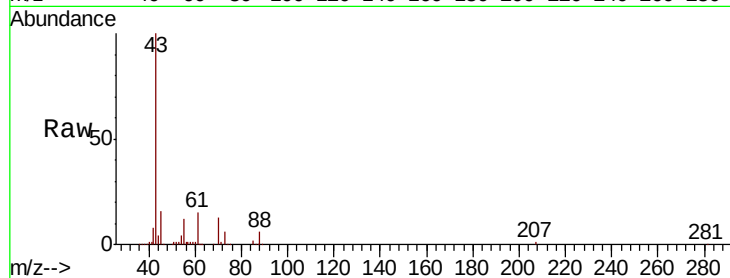




#37
Ethyl Acetate
Concen: 52.873 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

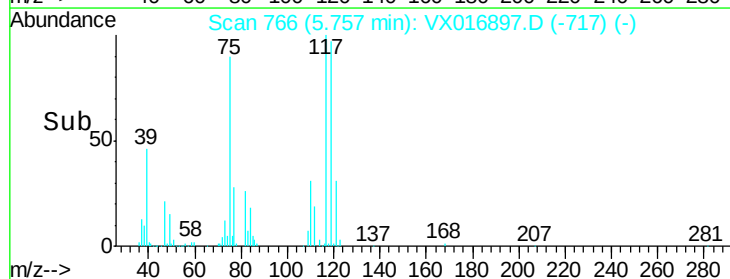
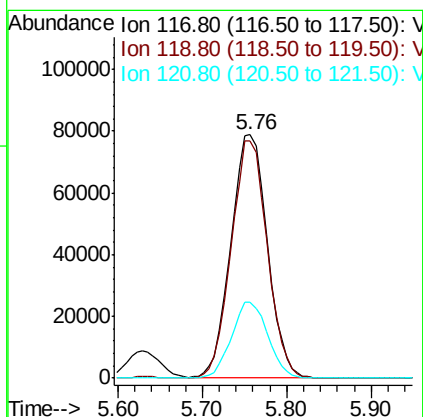
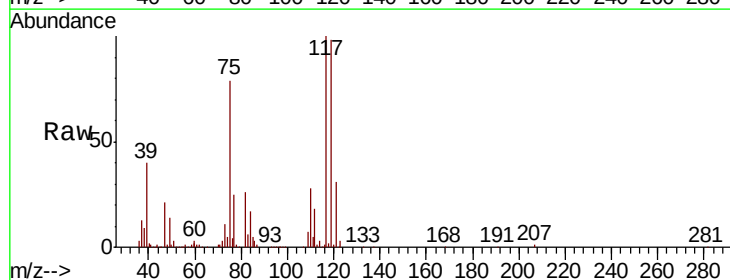
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

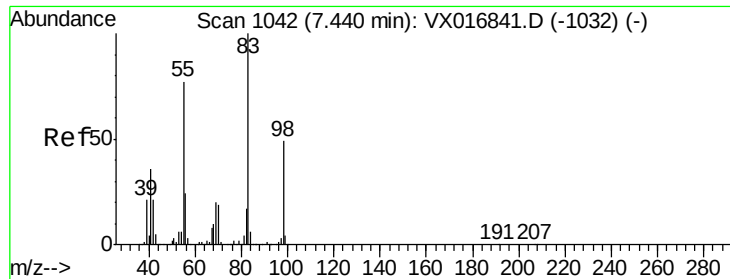
Tot Ion: 43 Resp: 182405
Ion Ratio Lower Upper
43 100
61 14.7 12.2 18.2
70 13.2 10.5 15.7



#38
Carbon Tetrachloride
Concen: 52.967 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 117 Resp: 232050
Ion Ratio Lower Upper
117 100
119 97.5 77.4 116.2
121 31.3 24.7 37.1

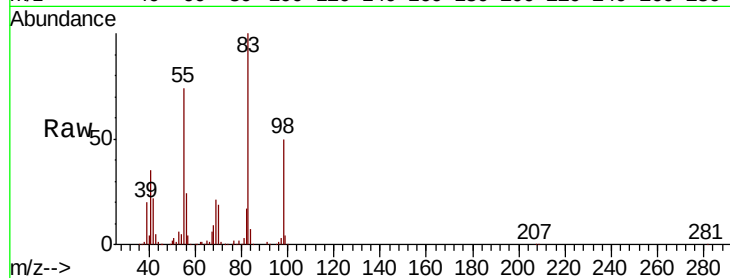




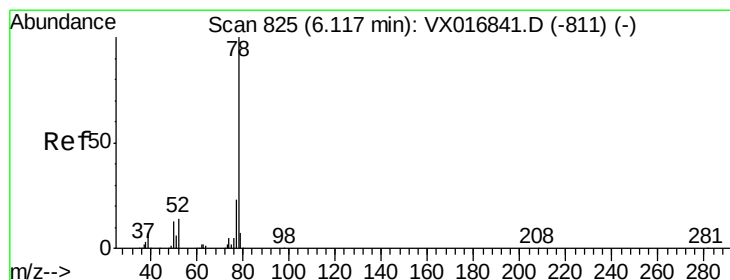
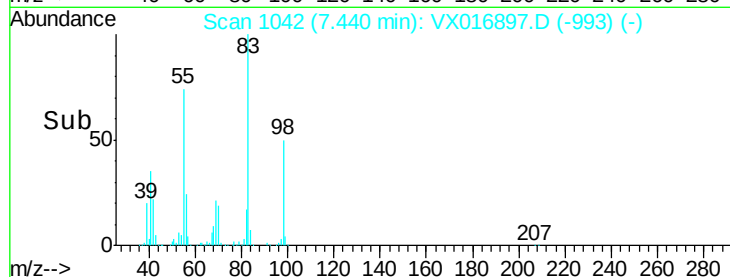
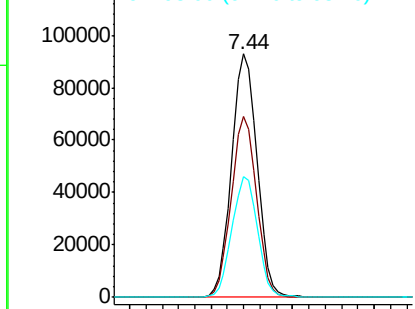
#39
Methylvlcyclohexane
Concen: 44.108 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 200247
Ion Ratio Lower Upper
83 100
55 74.4 61.7 92.5
98 49.6 39.0 58.6

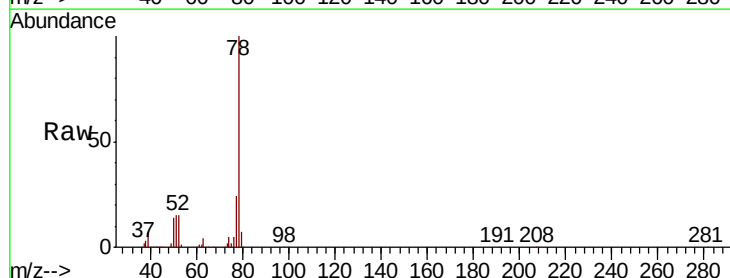


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

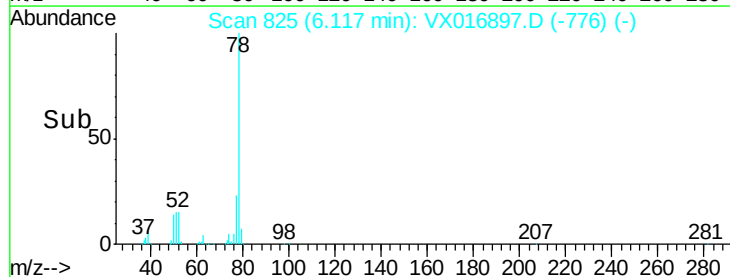
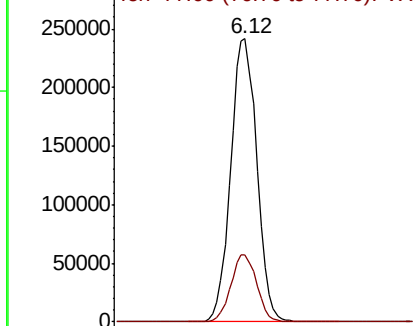


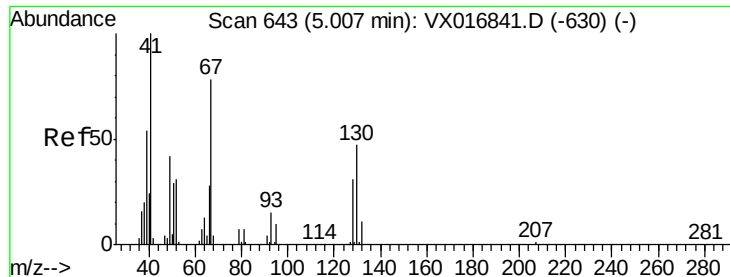
#40
Benzene
Concen: 56.498 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 78 Resp: 661921
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

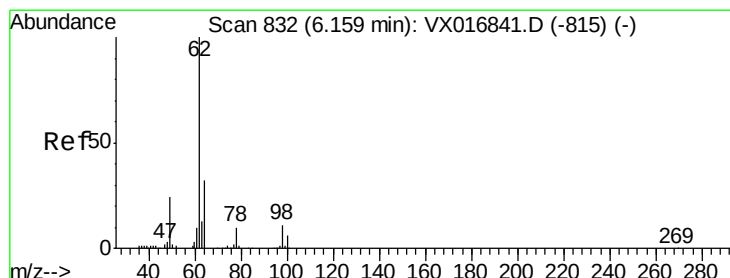
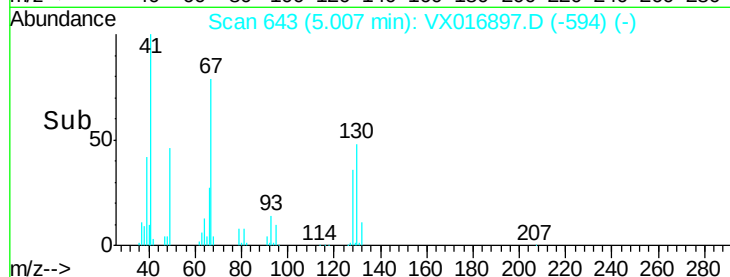
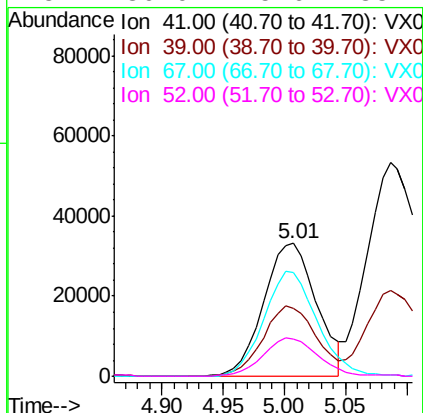
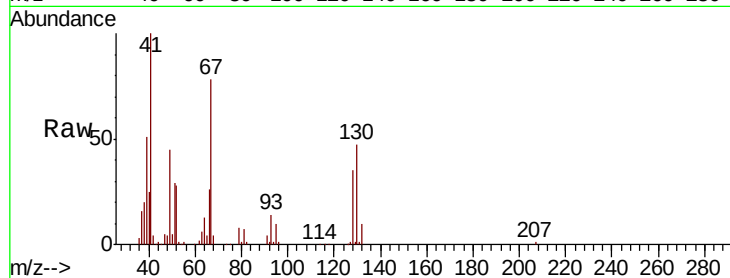




#41
Methacrylonitrile
Concen: 53.601 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

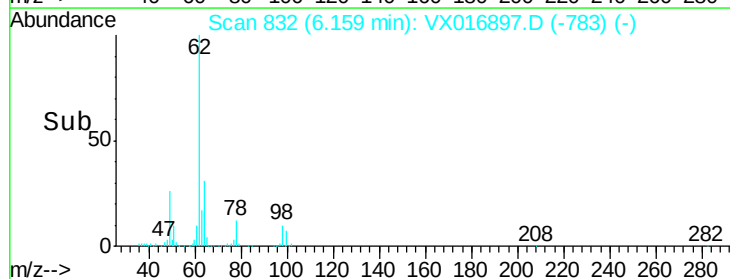
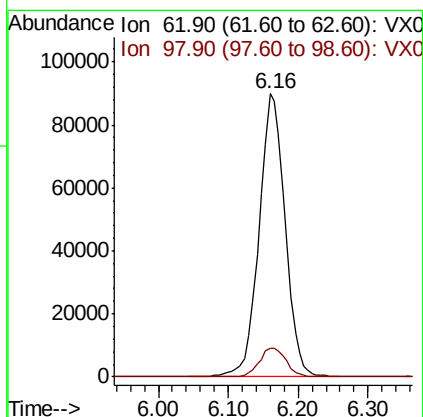
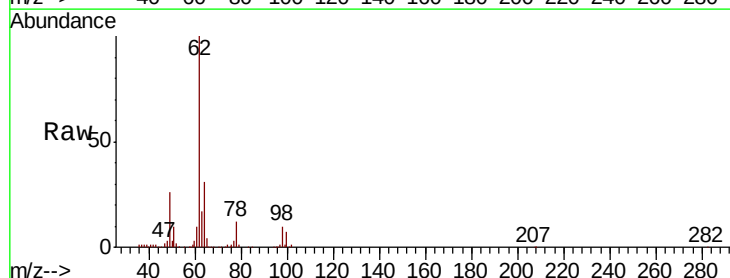
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

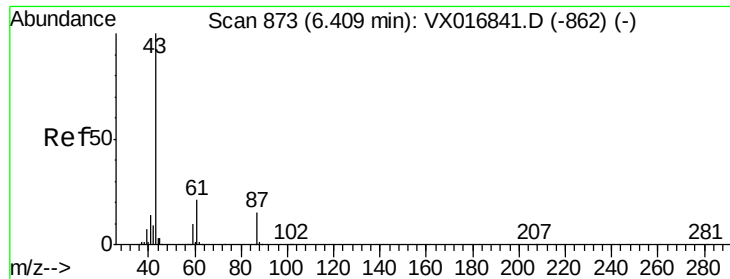
Tot Ion:	41	Resp:	100388
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.6	64.0
67	79.4	64.2	96.2
52	30.0	25.6	38.4



#42
1,2-Dichloroethane
Concen: 55.702 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion:	62	Resp:	232222
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8





#43

Isopropyl Acetate

Concen: 61.968 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

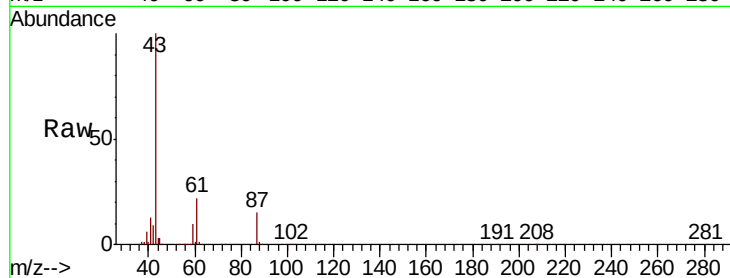
Tot Ion: 43 Resp: 373322

Ion Ratio Lower Upper

43 100

61 22.1 17.9 26.9

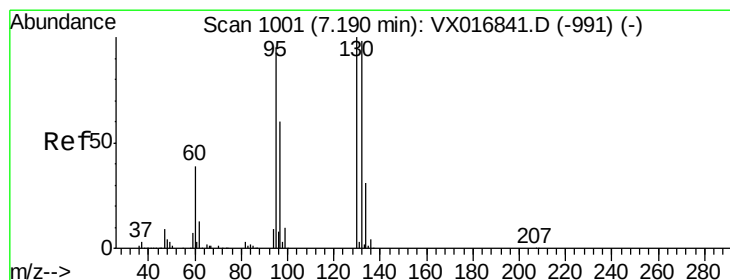
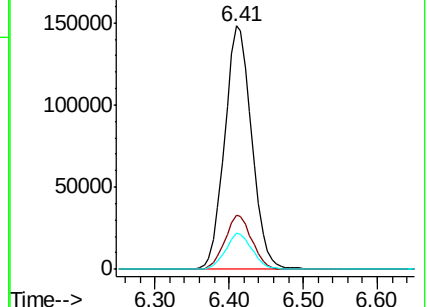
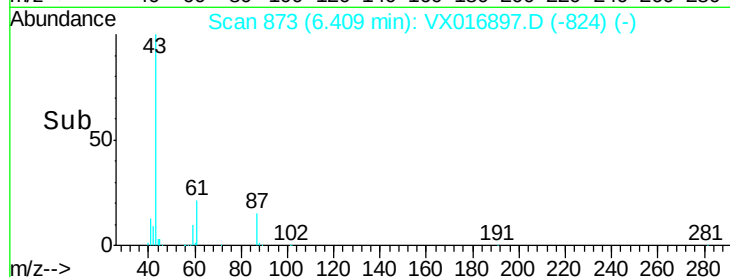
87 14.8 12.4 18.6



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: 46.176 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016897.D

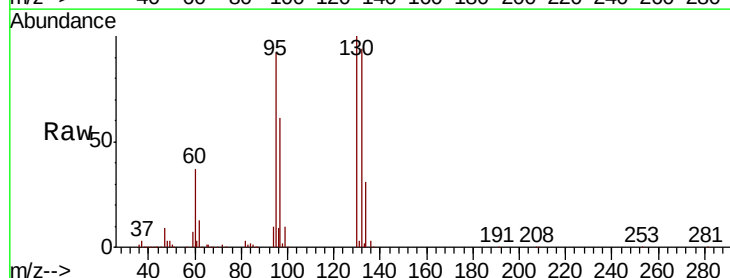
Acq: 19 Jun 2020 21:55

Tgt Ion:130 Resp: 165680

Ion Ratio Lower Upper

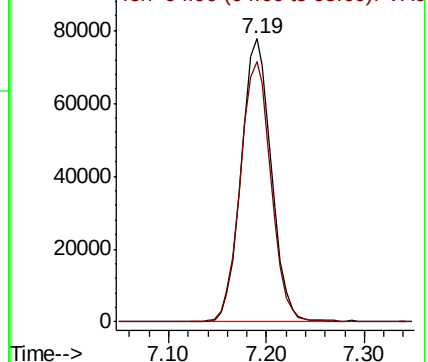
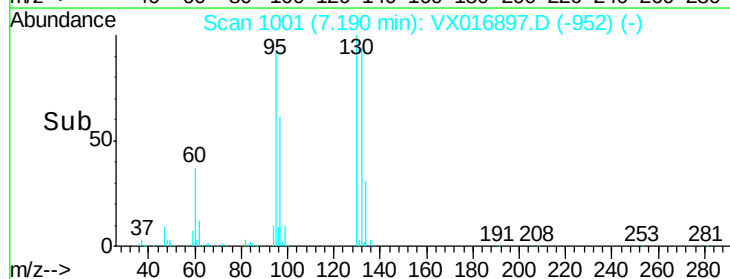
130 100

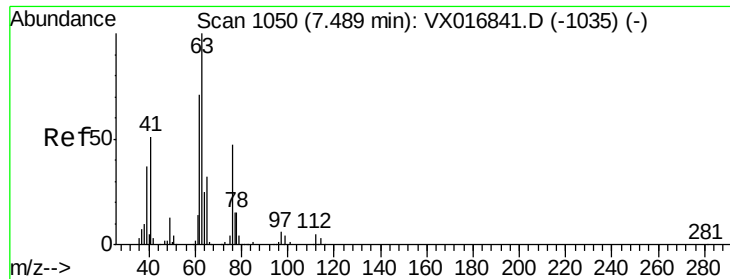
95 92.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

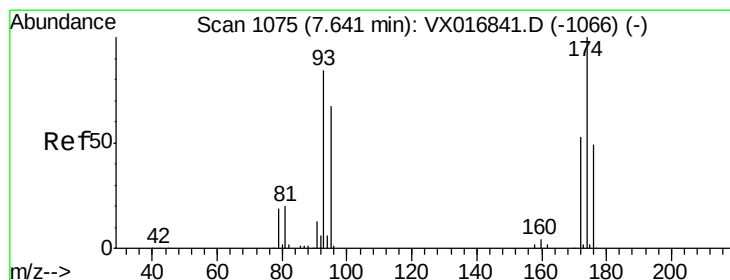
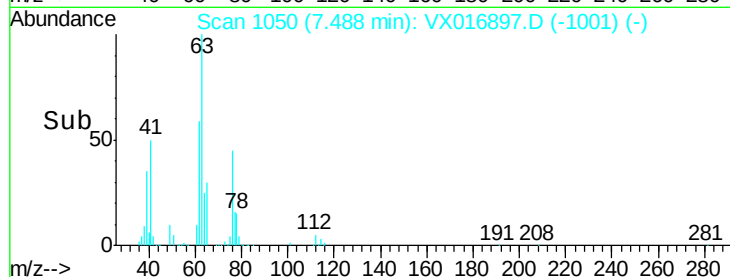
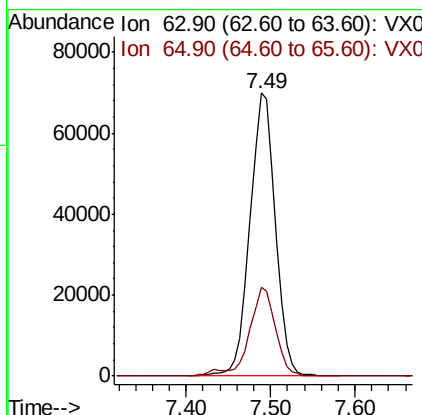
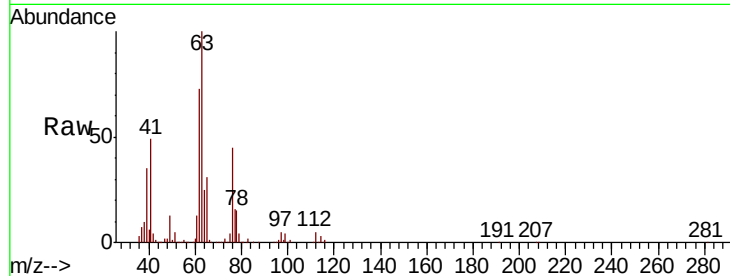




#45
 1,2-Dichloropropane
 Concen: 48.561 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

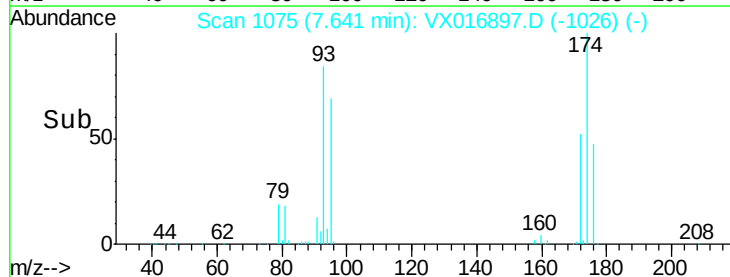
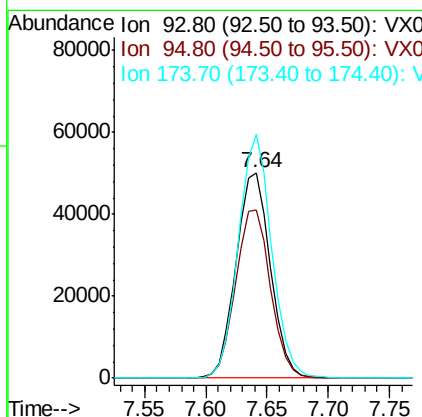
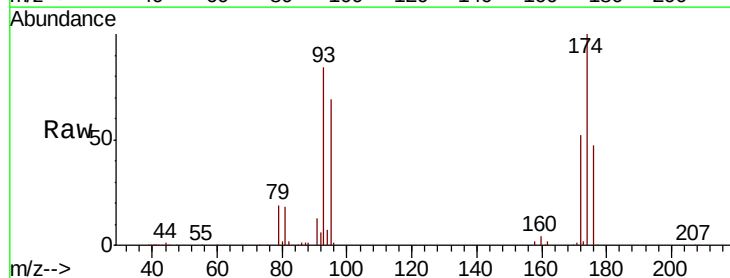
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

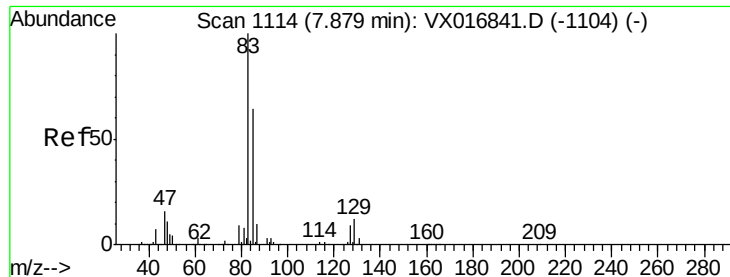
Tot Ion: 63 Resp: 143023
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.8 38.8



#46
 Dibromomethane
 Concen: 48.984 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion: 93 Resp: 97836
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.7 98.5
 174 115.1 92.8 139.2





#47

Bromodichloromethane

Concen: 47.864 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

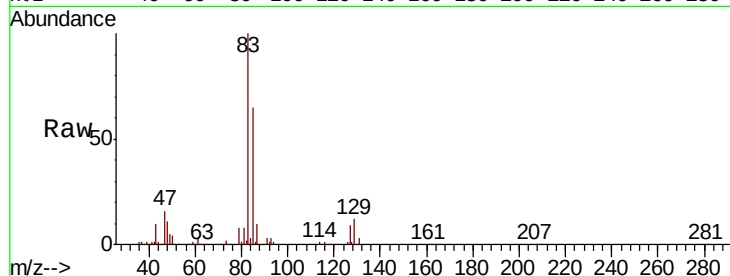
Tot Ion: 83 Resp: 203324

Ion Ratio Lower Upper

83 100

85 65.4 50.9 76.3

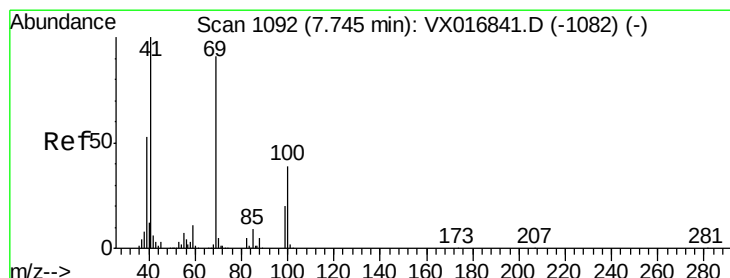
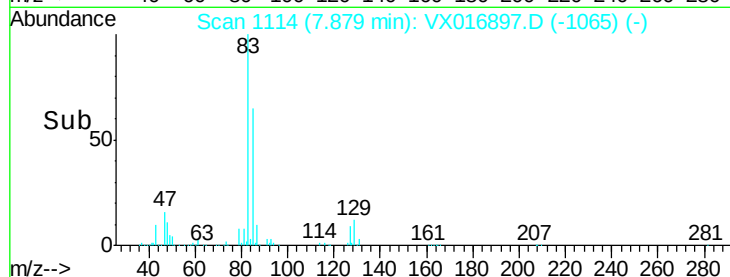
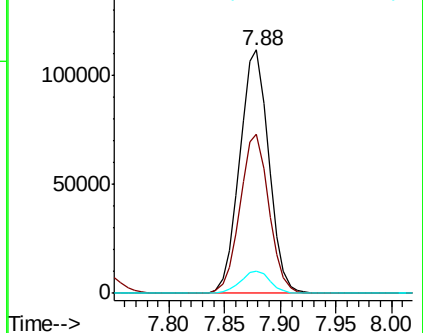
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.534 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

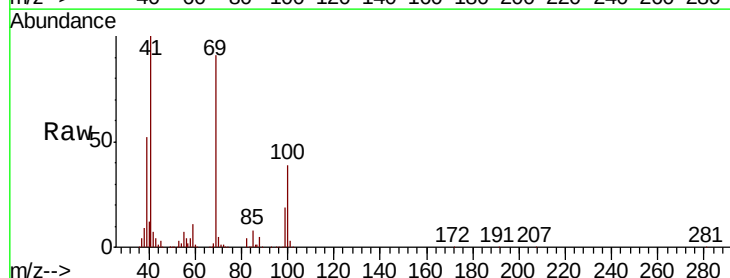
Tgt Ion: 41 Resp: 146195

Ion Ratio Lower Upper

41 100

69 94.2 73.3 109.9

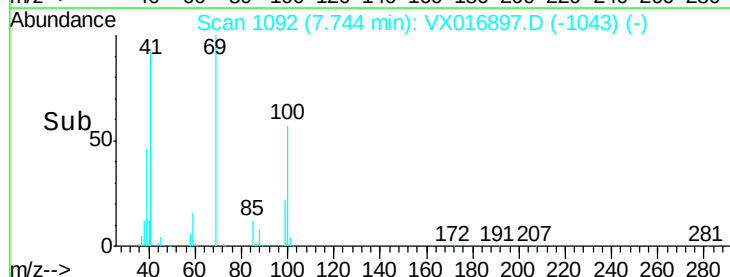
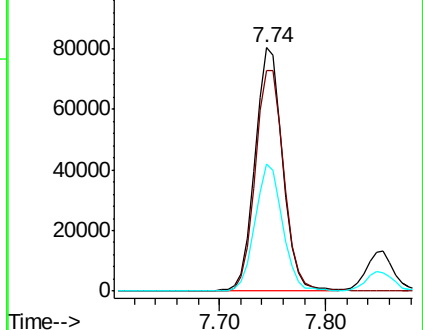
39 51.8 42.4 63.6

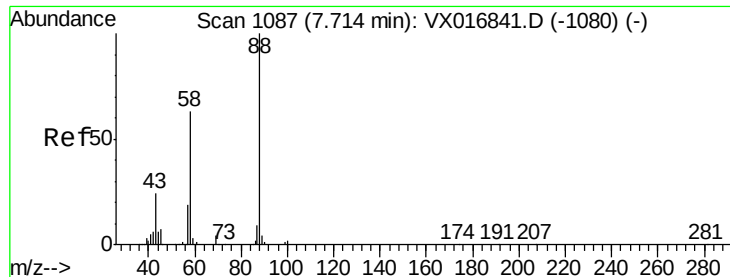


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1026.930 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

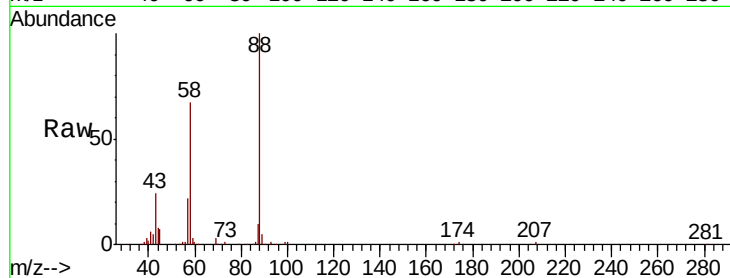
Tot Ion: 88 Resp: 65213

Ion Ratio Lower Upper

88 100

43 28.6 22.7 34.1

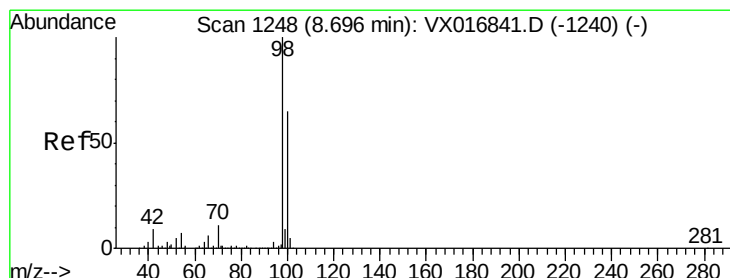
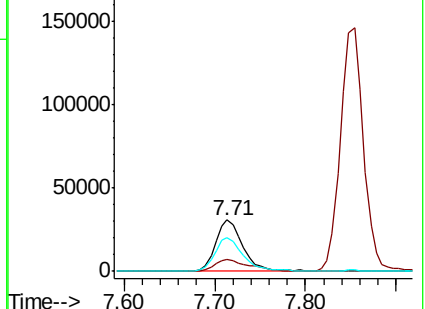
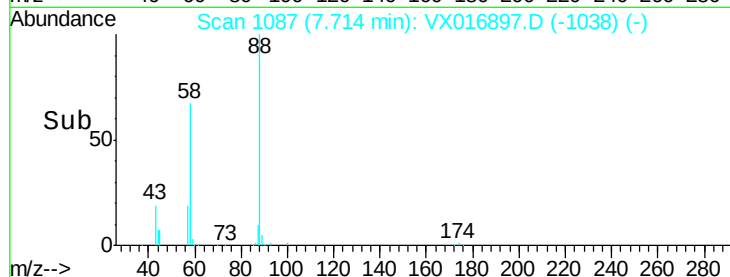
58 68.1 53.1 79.7



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: 46.548 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016897.D

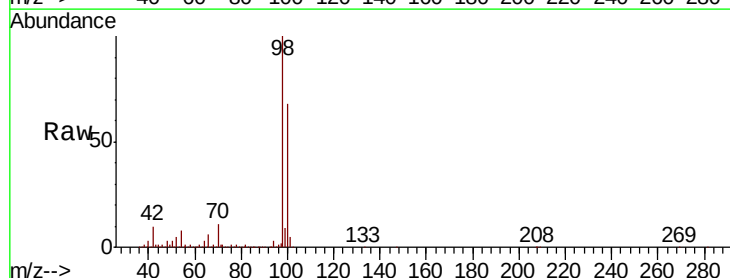
Acq: 19 Jun 2020 21:55

Tgt Ion: 98 Resp: 503782

Ion Ratio Lower Upper

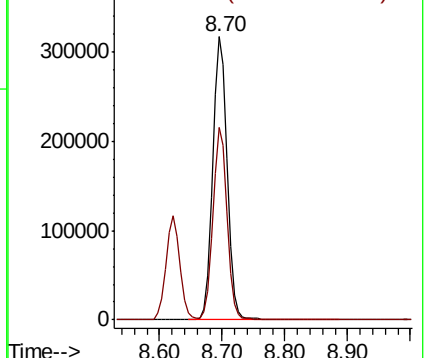
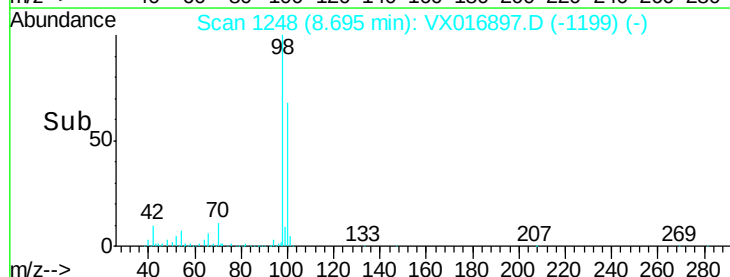
98 100

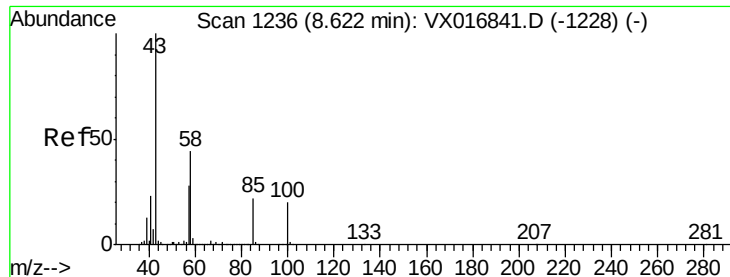
100 66.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

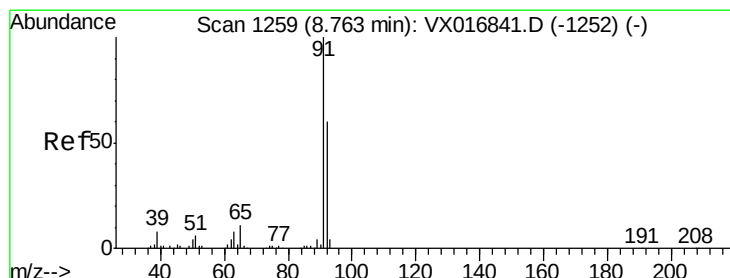
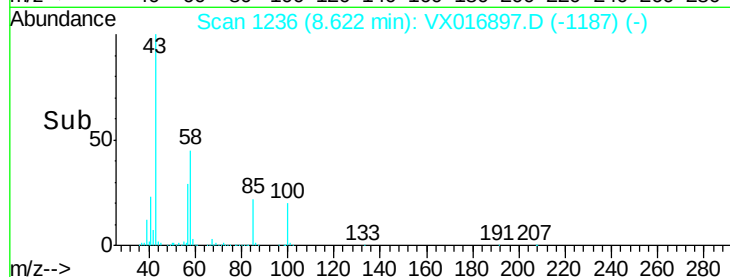
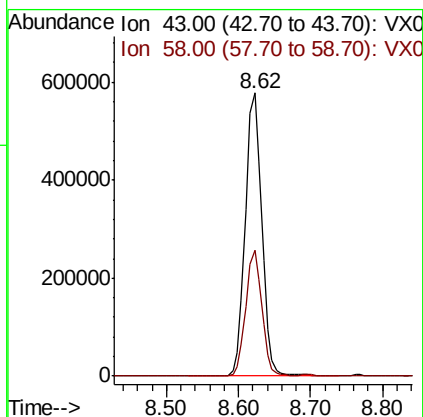
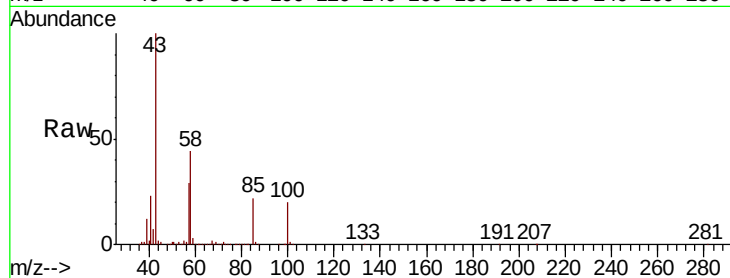




#51
 4-Methyl-2-Pentanone
 Concen: 253.810 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

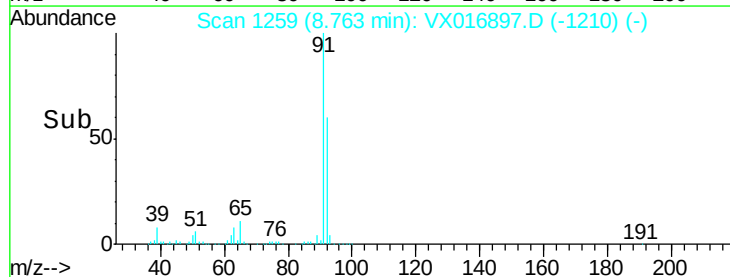
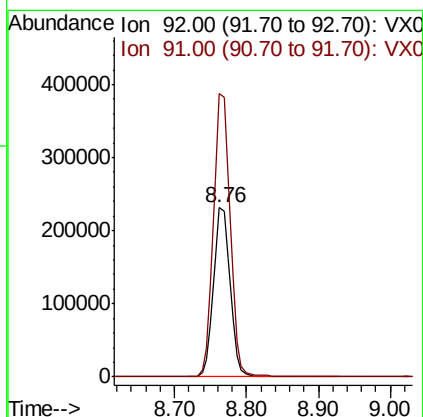
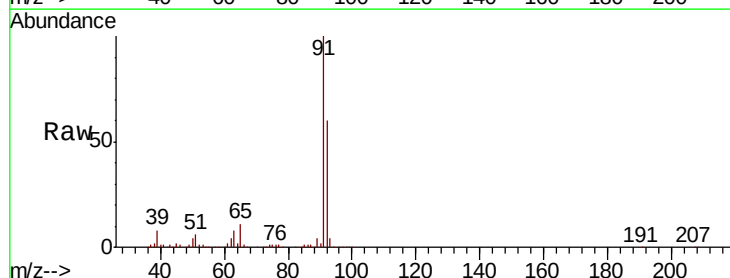
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

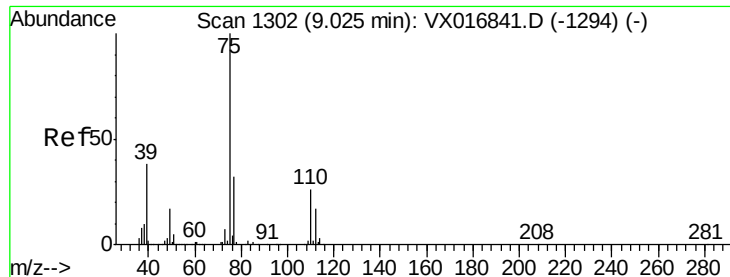
Tot Ion: 43 Resp: 919671
 Ion Ratio Lower Upper
 43 100
 58 43.3 34.3 51.5



#52
 Toluene
 Concen: 47.464 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion: 92 Resp: 368892
 Ion Ratio Lower Upper
 92 100
 91 169.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 48.921 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

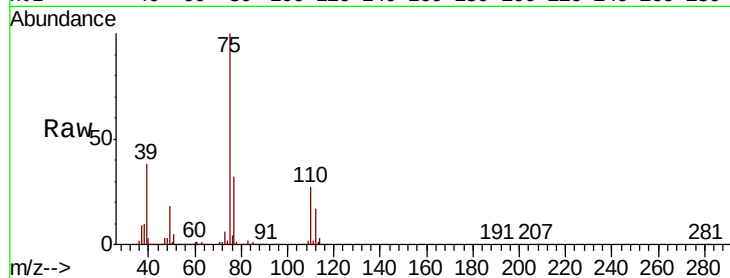
VSTDCCC050EC

Tot Ion: 75 Resp: 228463

Ion Ratio Lower Upper

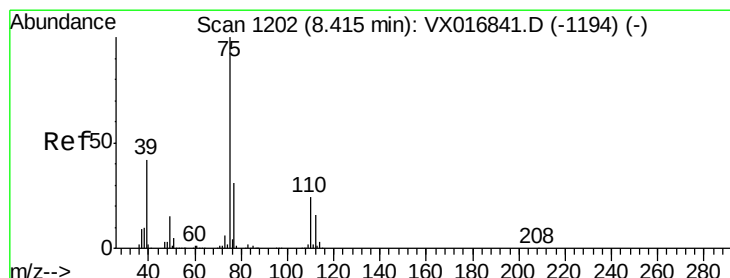
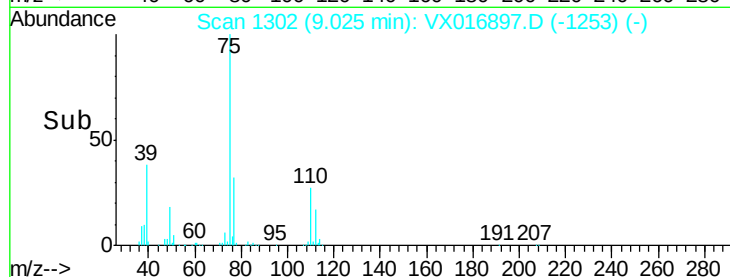
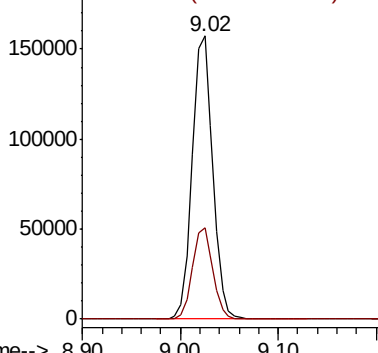
75 100

77 32.1 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.529 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

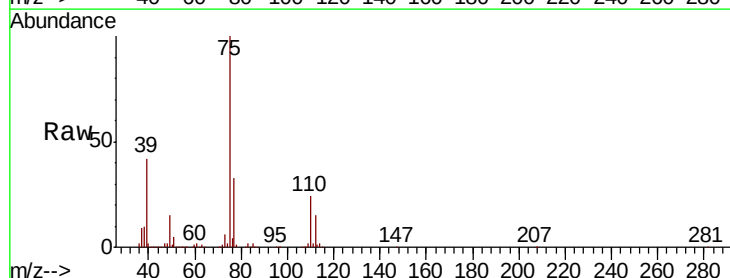
Tgt Ion: 75 Resp: 242452

Ion Ratio Lower Upper

75 100

77 32.9 24.9 37.3

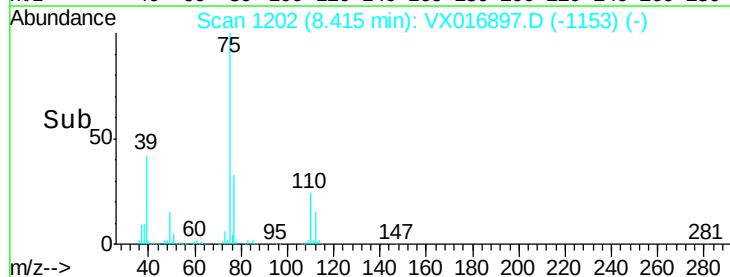
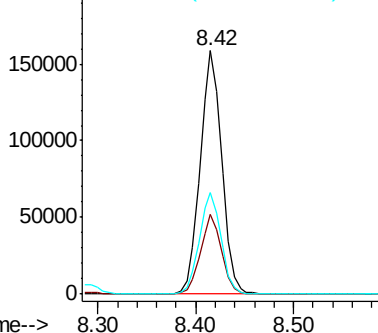
39 41.6 33.4 50.0

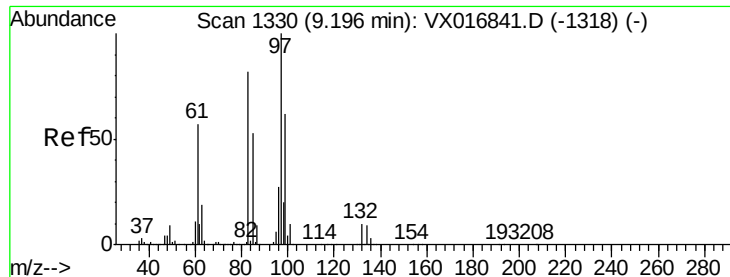


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

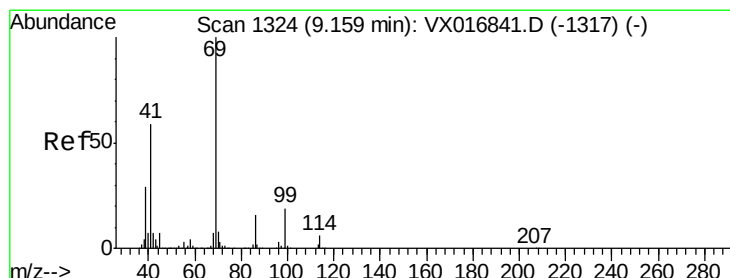
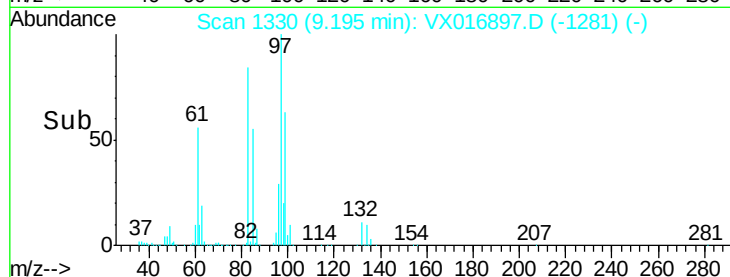
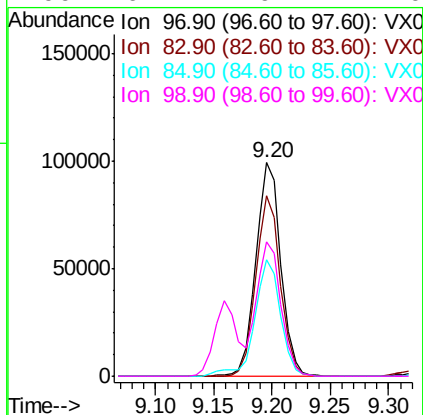
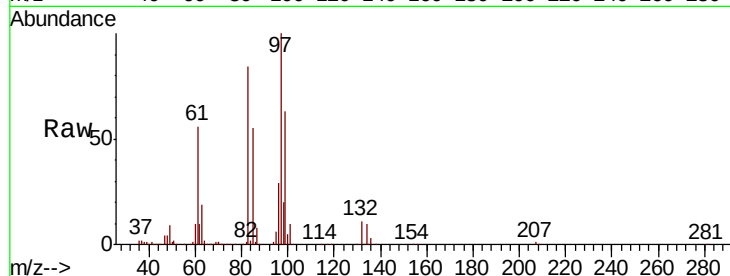




#55
 1,1,2-Trichloroethane
 Concen: 50.531 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

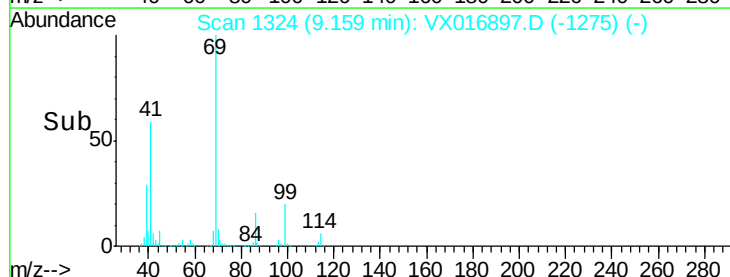
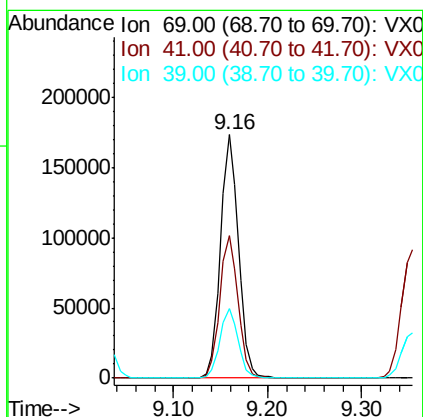
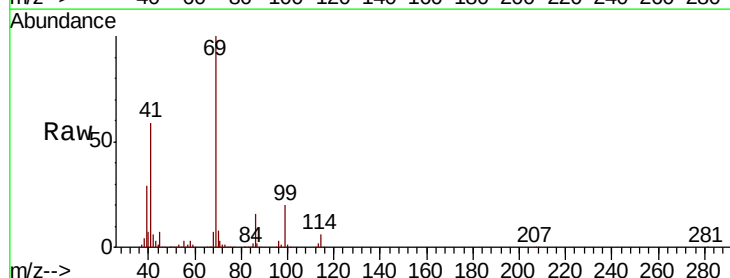
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

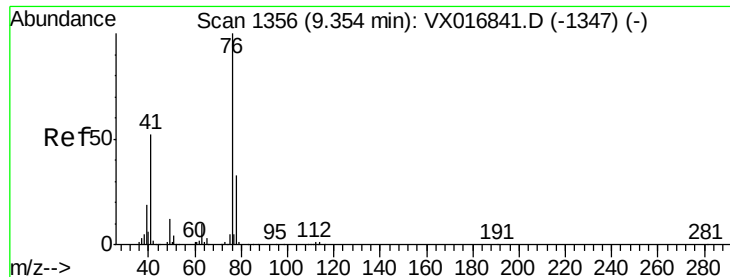
Tot Ion:	97	Resp:	148279
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.5	98.3
85	54.6	42.6	63.8
99	62.7	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 54.460 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion:	69	Resp:	231349
Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.9	71.9
39	28.8	24.2	36.4





#57

1,3-Dichloropropane

Concen: 49.215 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

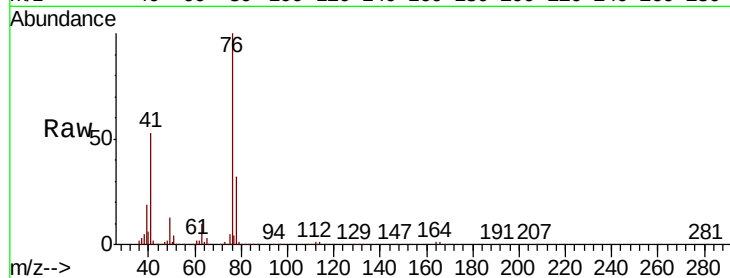
VSTDCCC050EC

Tot Ion: 76 Resp: 244826

Ion Ratio Lower Upper

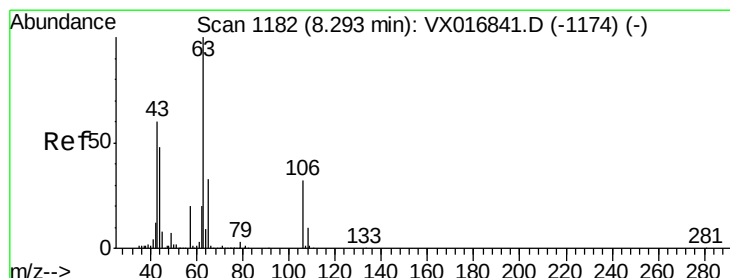
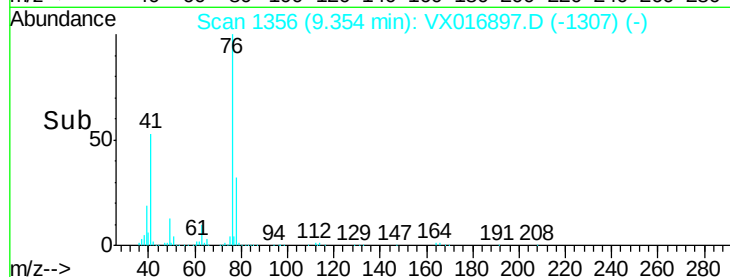
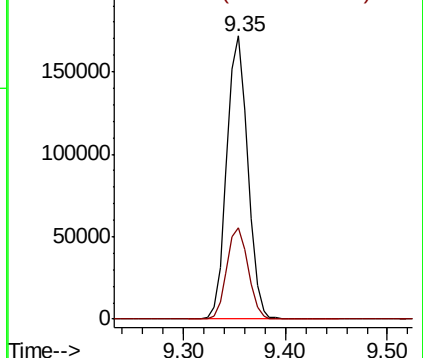
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 279.231 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016897.D

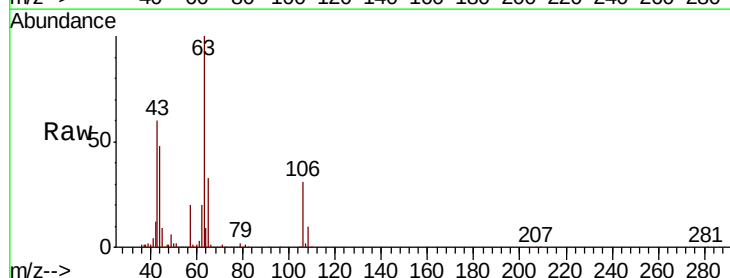
Acq: 19 Jun 2020 21:55

Tgt Ion: 63 Resp: 551941

Ion Ratio Lower Upper

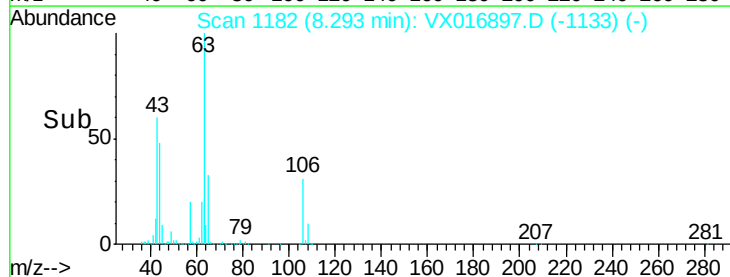
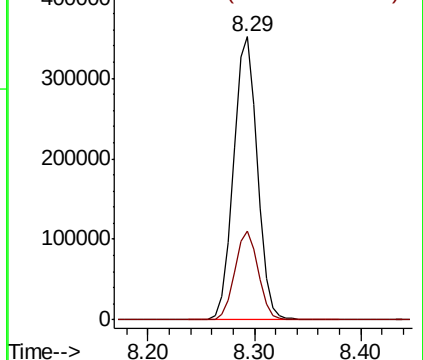
63 100

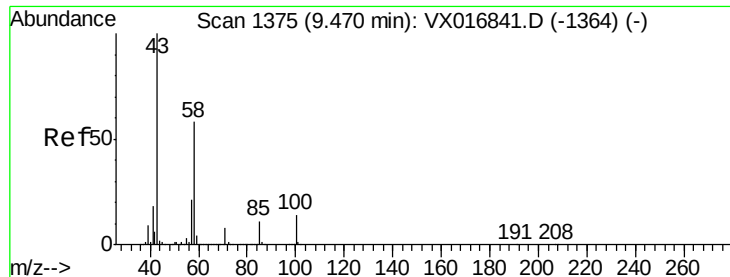
106 31.2 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

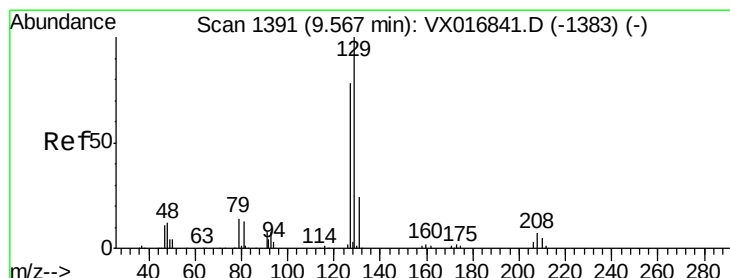
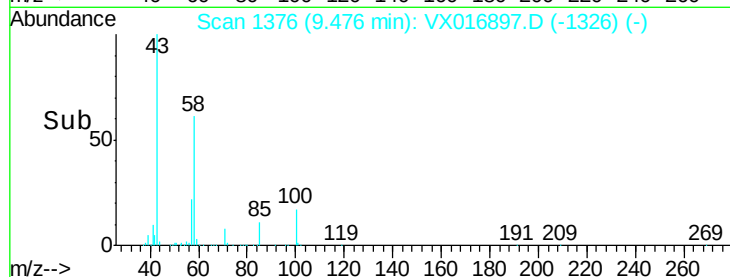
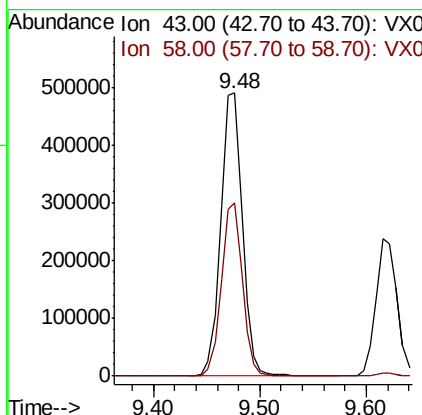
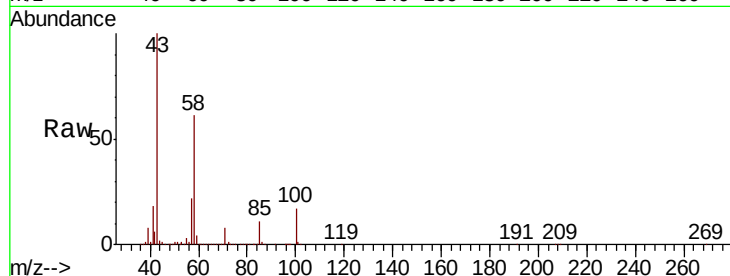




#59
2-Hexanone
Concen: 267.002 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

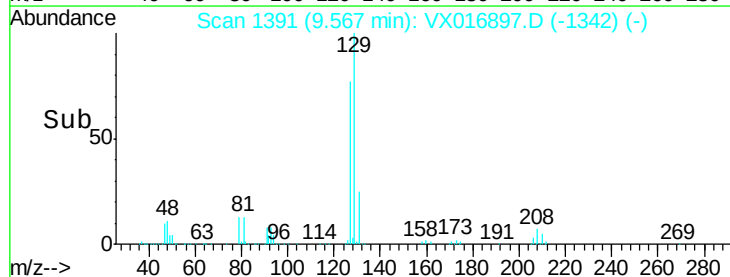
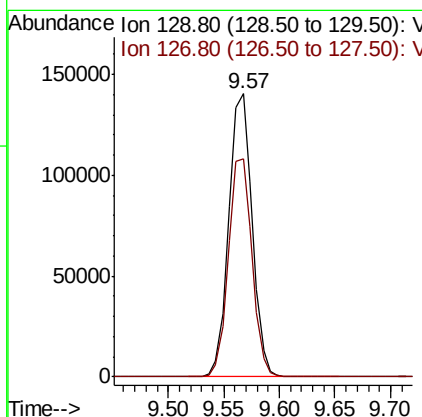
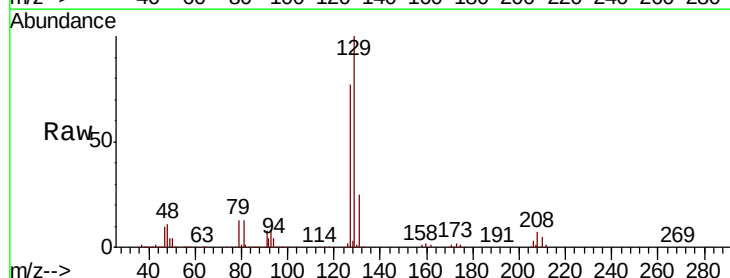
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

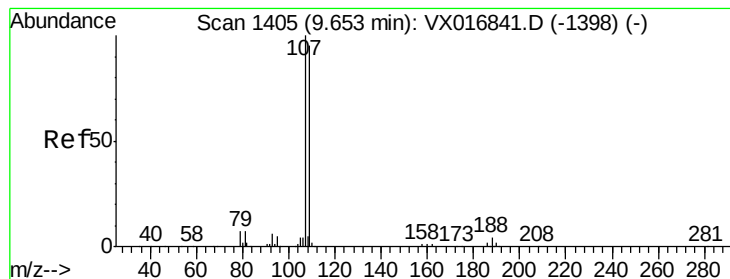
Tot Ion: 43 Resp: 700609
Ion Ratio Lower Upper
43 100
58 59.8 29.8 89.4



#60
Dibromochloromethane
Concen: 57.950 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 129 Resp: 203997
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 56.667 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

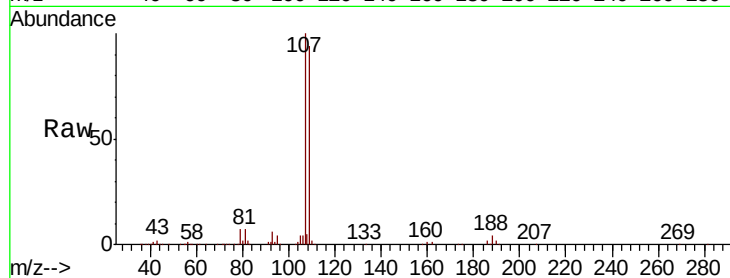
VSTDCCC050EC

Tot Ion:107 Resp: 180458

Ion Ratio Lower Upper

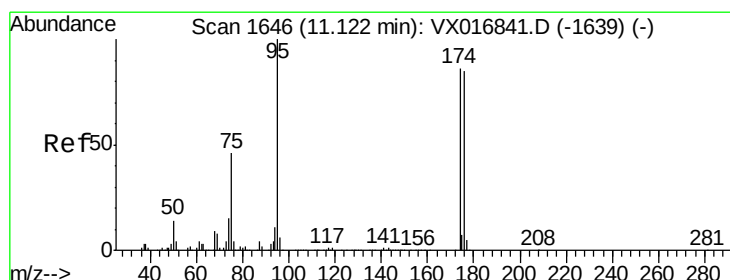
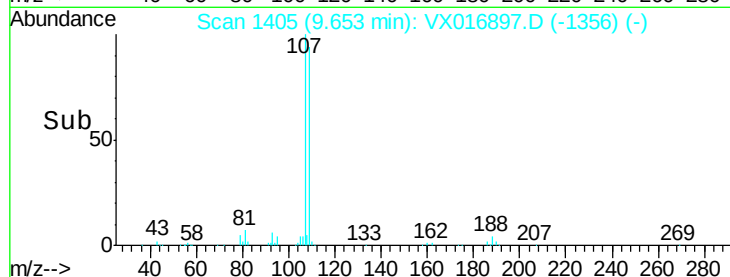
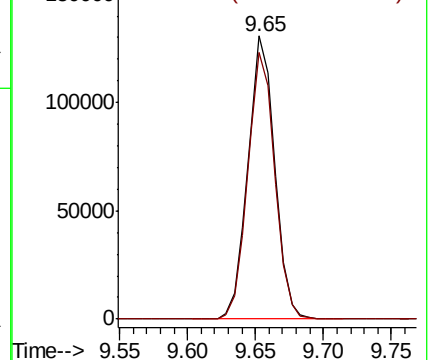
107 100

109 95.1 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.423 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

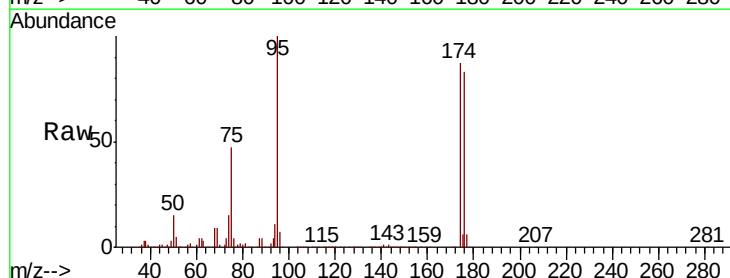
Tgt Ion: 95 Resp: 209089

Ion Ratio Lower Upper

95 100

174 86.6 0.0 174.2

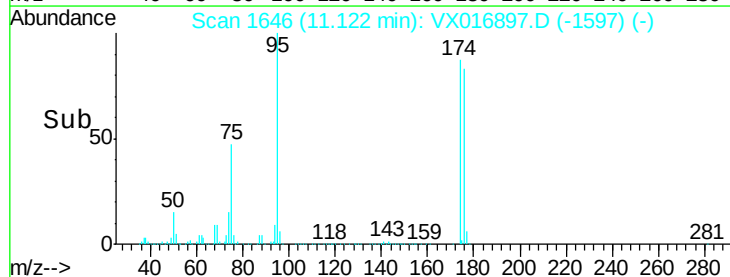
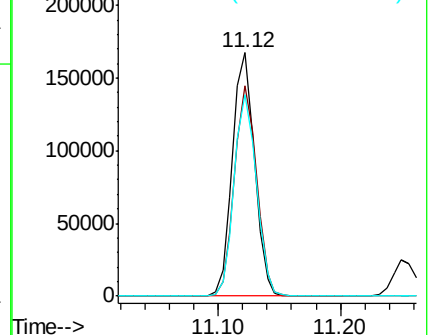
176 83.1 0.0 170.0

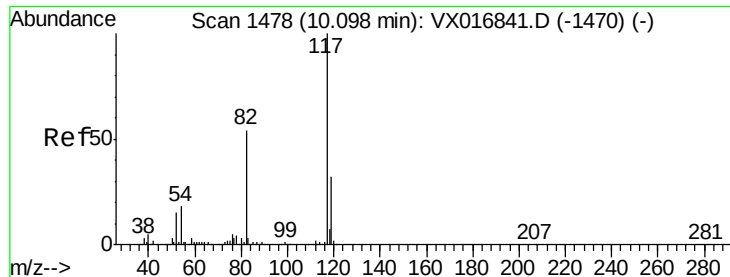


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

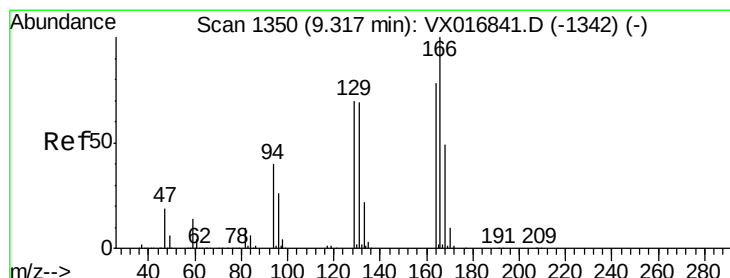
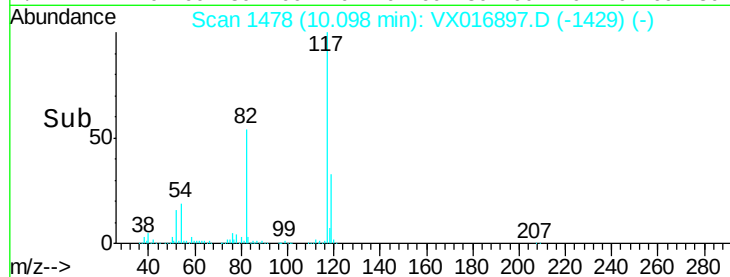
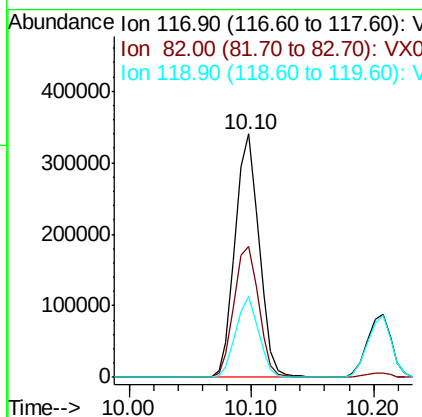
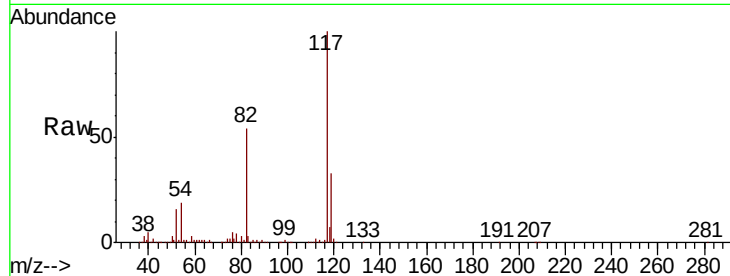




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

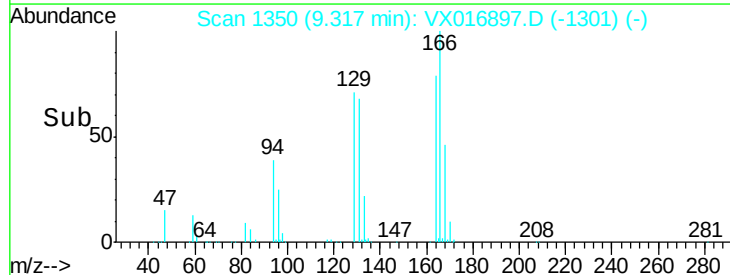
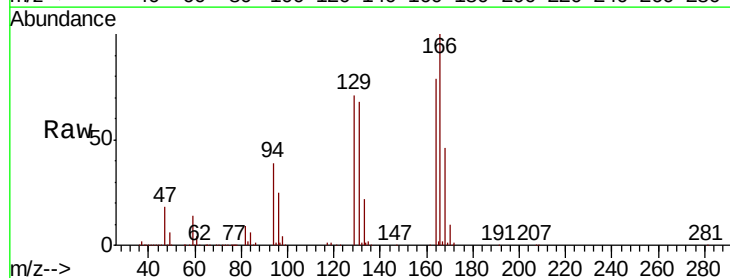
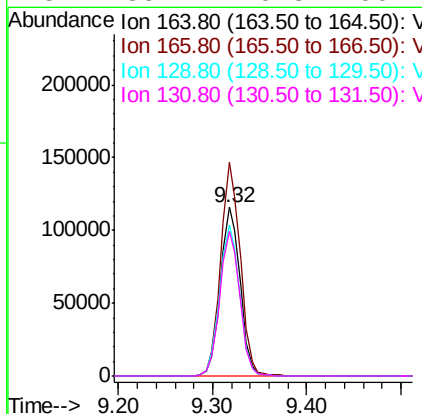
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

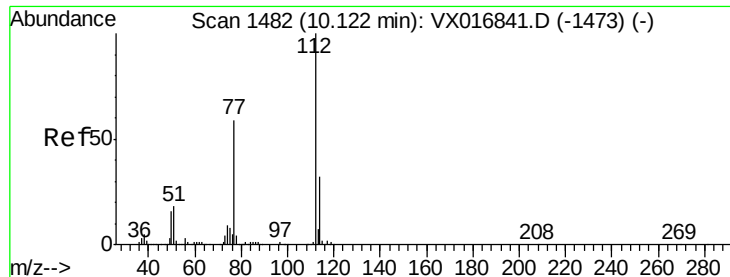
Tot Ion:117 Resp: 461526
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 33.1 25.7 38.5



#64
Tetrachloroethene
Concen: 39.308 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion:164 Resp: 167994
Ion Ratio Lower Upper
164 100
166 126.8 102.6 153.8
129 89.8 72.2 108.2
131 85.7 70.8 106.2

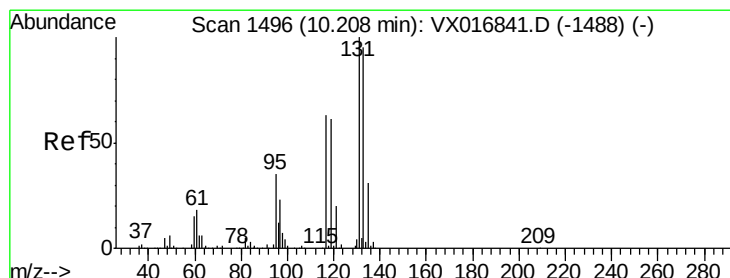
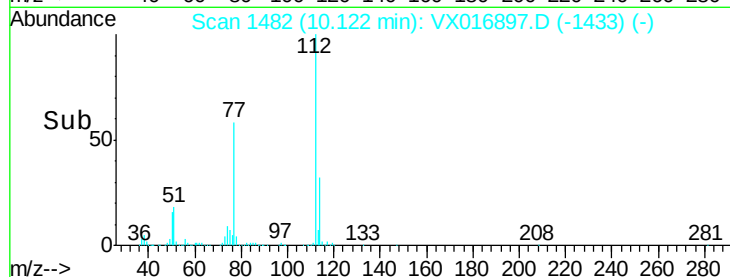
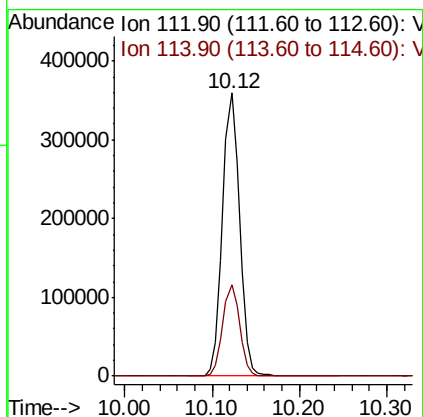
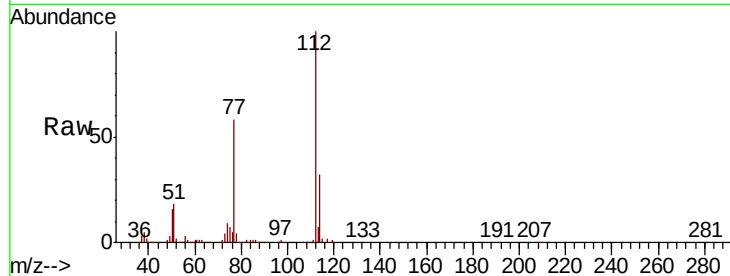




#65
Chlorobenzene
Concen: 51.947 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

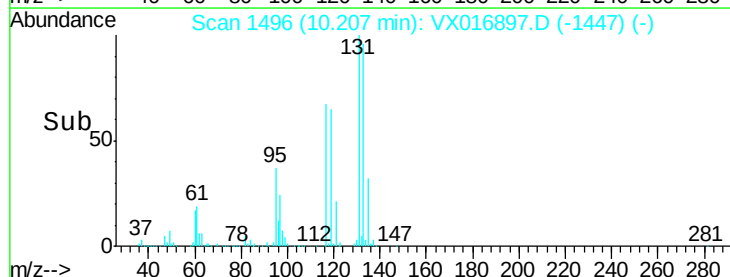
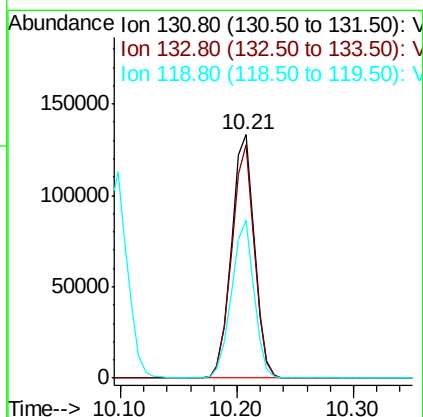
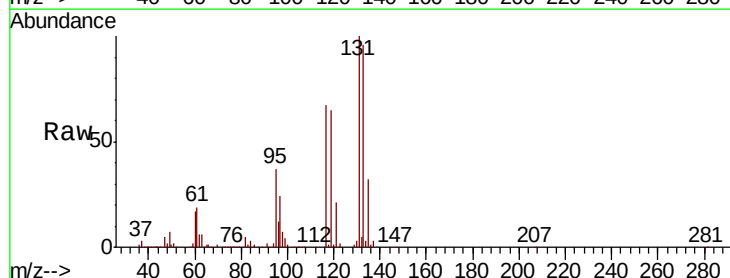
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

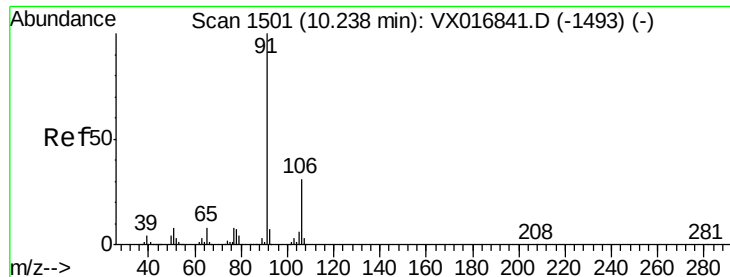
Tot Ion:112 Resp: 485487
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.536 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion:131 Resp: 183048
Ion Ratio Lower Upper
131 100
133 94.8 47.7 143.1
119 63.9 30.8 92.4

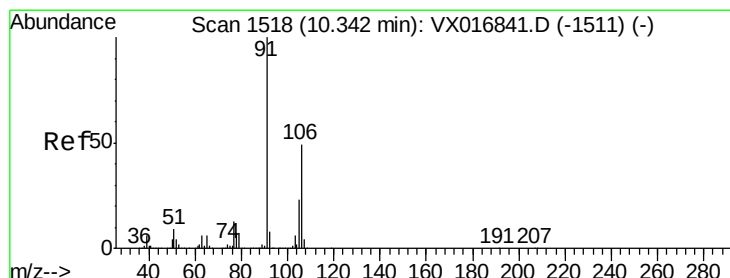
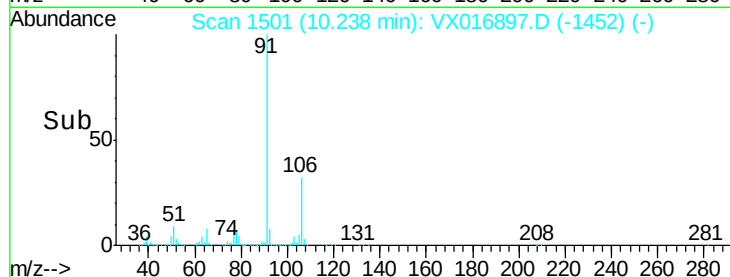
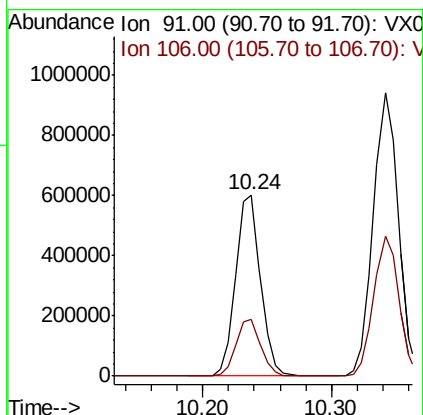
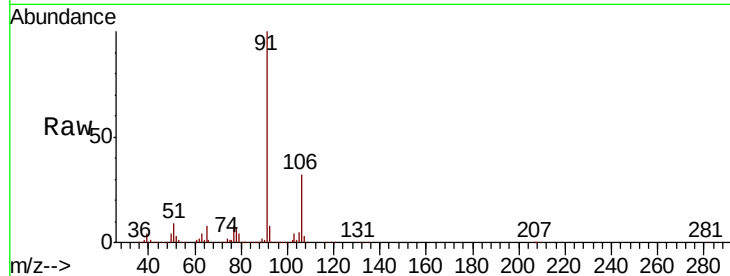




#67
Ethyl Benzene
Concen: 51.519 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

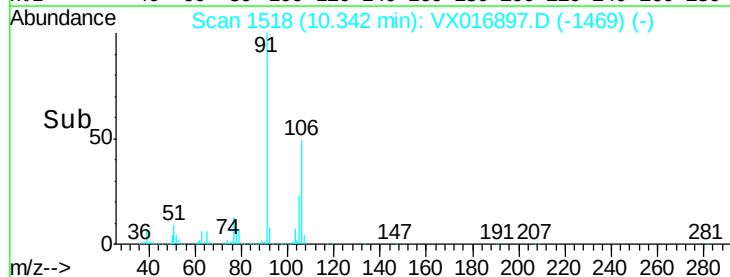
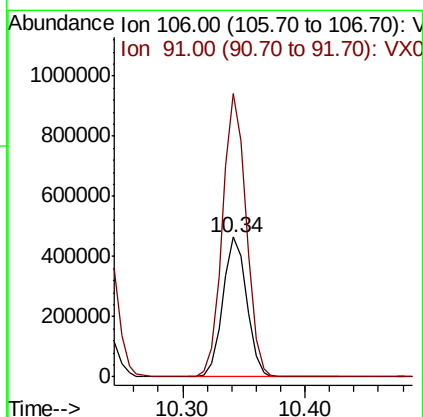
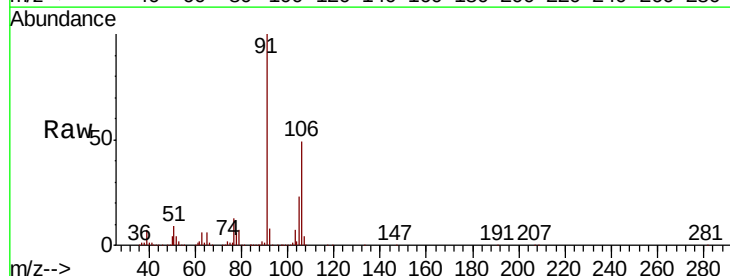
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

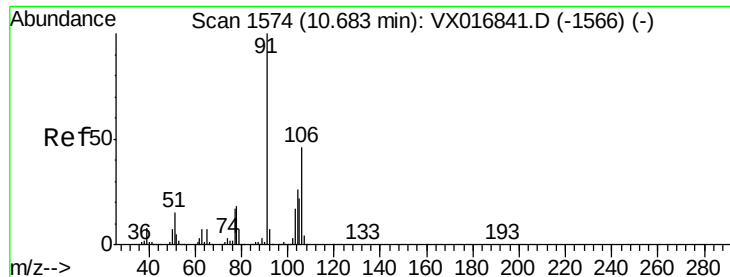
Tot Ion: 91 Resp: 812379
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 102.496 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 106 Resp: 628926
Ion Ratio Lower Upper
106 100
91 200.7 161.5 242.3

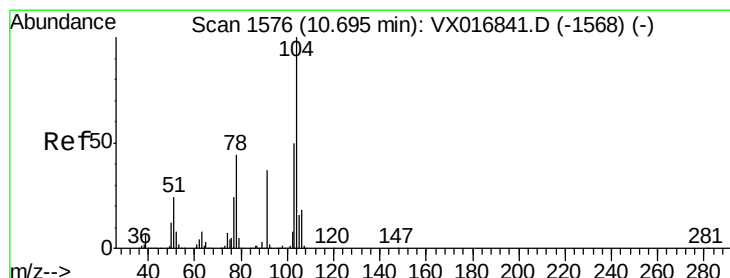
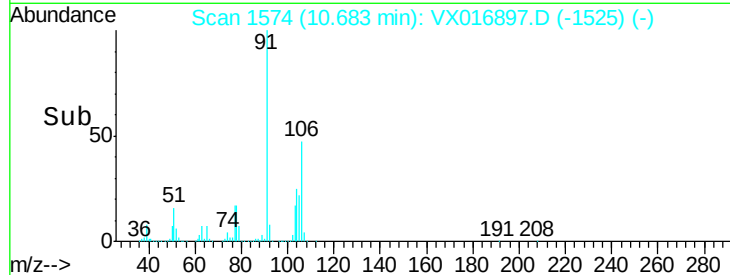
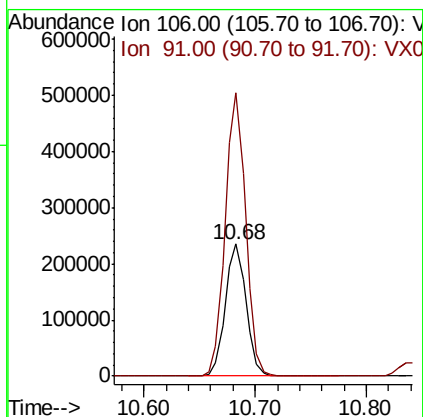
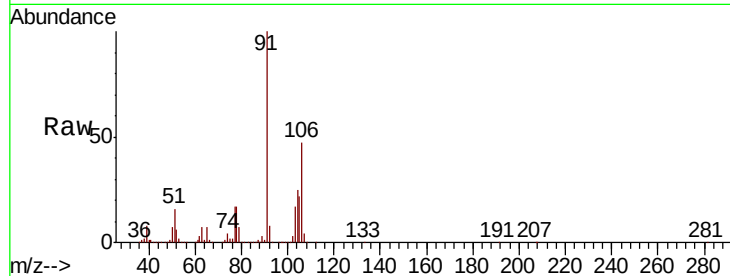




#69
o-Xylene
Concen: 53.148 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

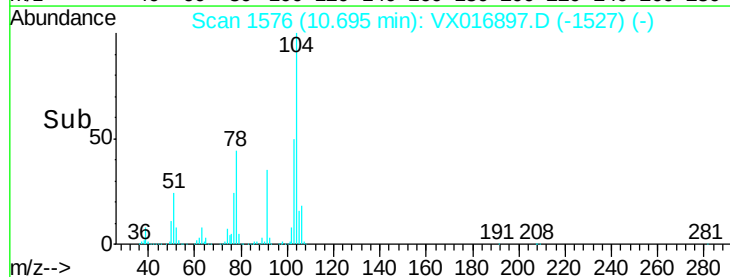
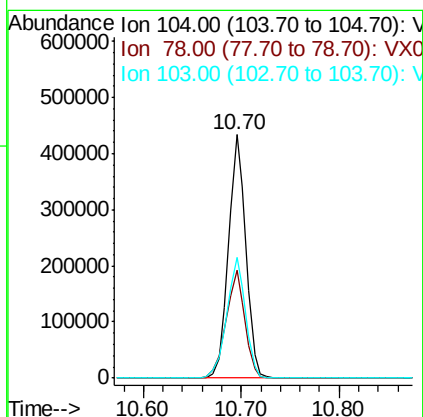
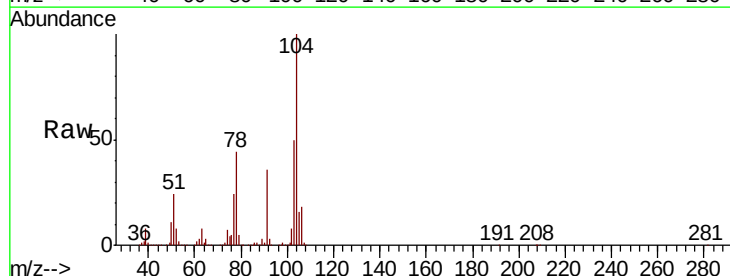
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

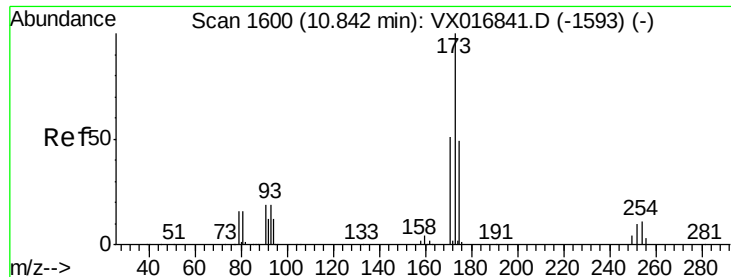
Tot Ion:106 Resp: 301550
Ion Ratio Lower Upper
106 100
91 212.2 107.9 323.7



#70
Styrene
Concen: 55.430 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion:104 Resp: 534360
Ion Ratio Lower Upper
104 100
78 48.3 39.6 59.4
103 53.6 43.3 64.9





#71

Bromoform

Concen: 51.897 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

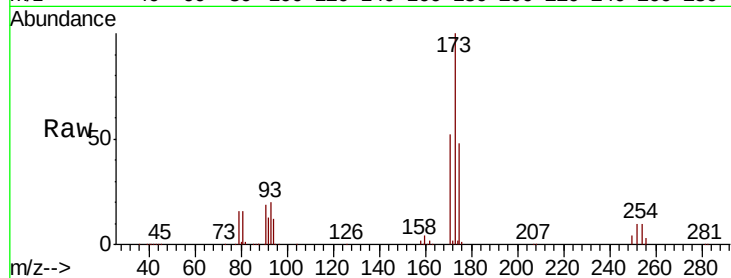
Tot Ion:173 Resp: 158041

Ion Ratio Lower Upper

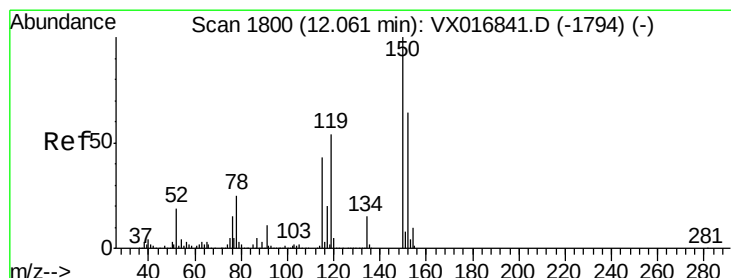
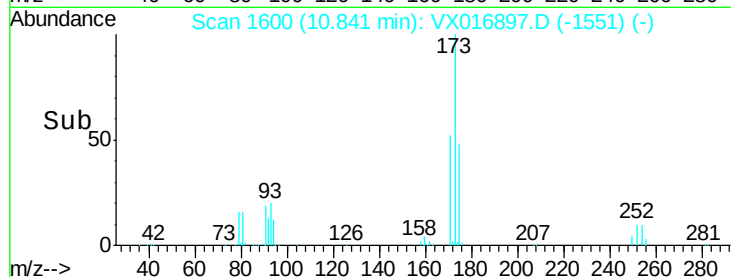
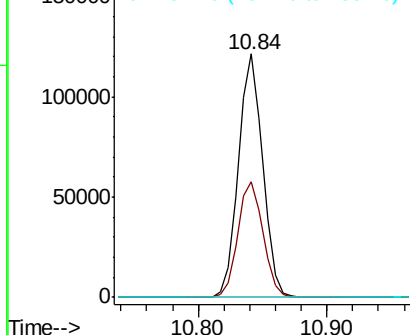
173 100

175 49.4 24.3 73.0

254 0.2 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: VX016897.D

Acq: 19 Jun 2020 21:55

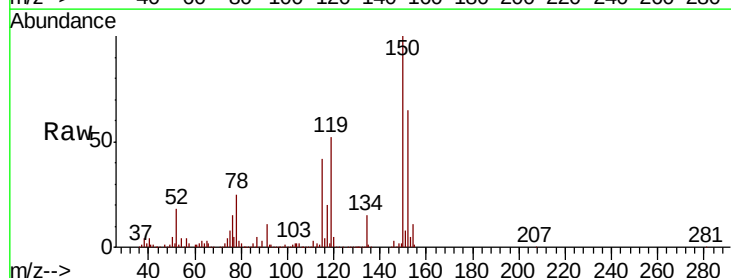
Tgt Ion:152 Resp: 214004

Ion Ratio Lower Upper

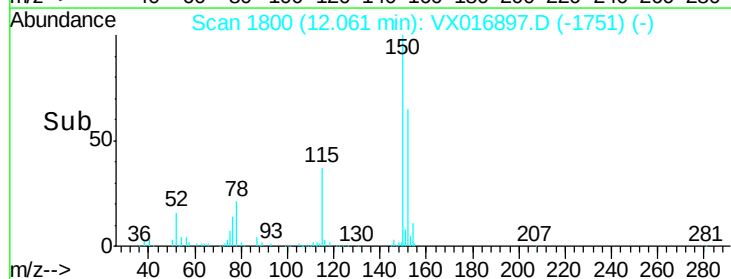
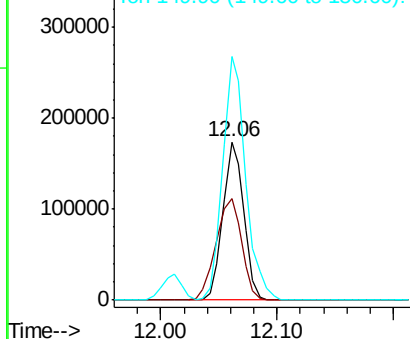
152 100

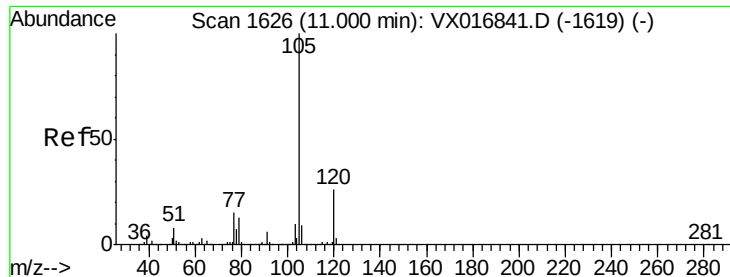
115 78.9 40.9 122.8

150 169.9 0.0 344.2



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





#73

Isopropylbenzene

Concen: 57.091 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

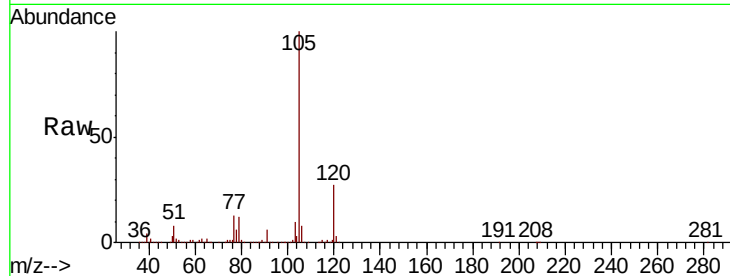
VSTDCCC050EC

Tot Ion:105 Resp: 786646

Ion Ratio Lower Upper

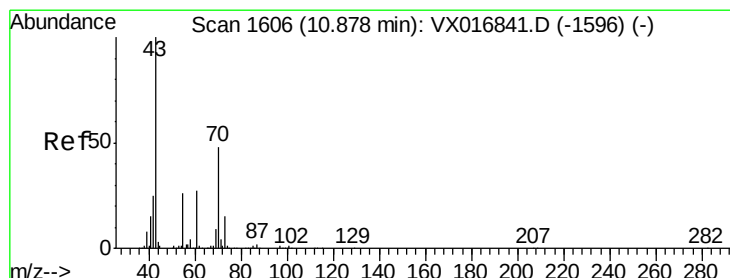
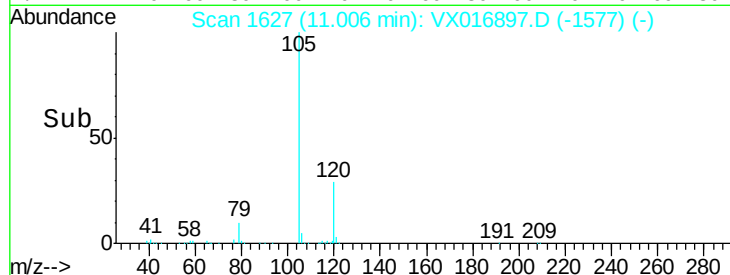
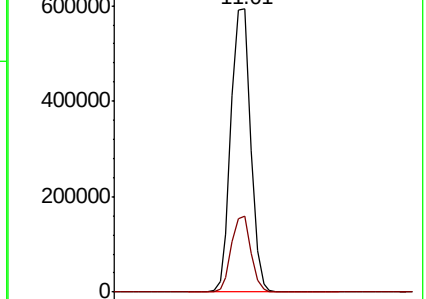
105 100

120 26.4 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 69.741 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Tgt Ion: 43 Resp: 335553

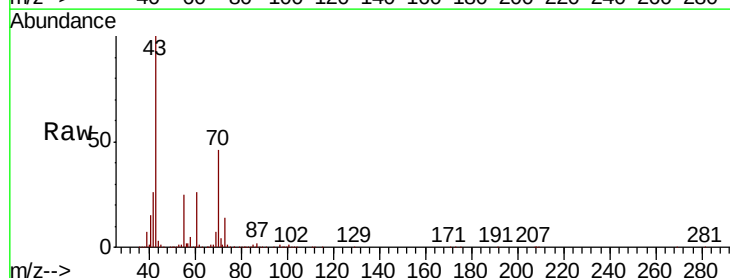
Ion Ratio Lower Upper

43 100

70 47.7 39.9 59.9

55 25.6 21.8 32.6

61 27.0 22.2 33.4

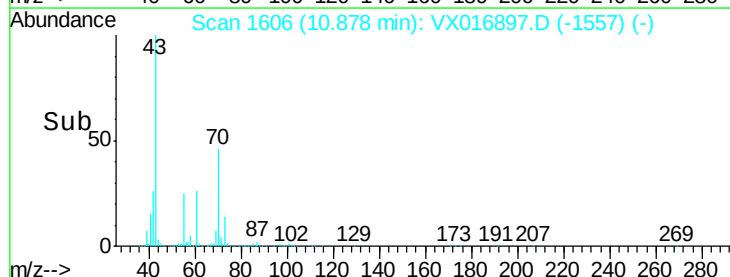
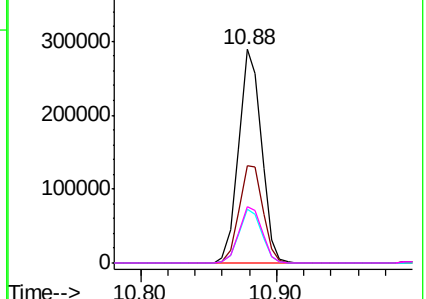


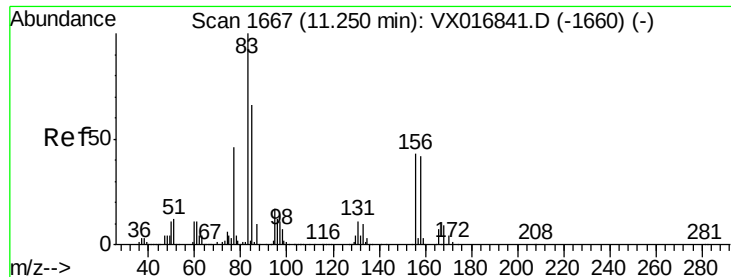
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 52.574 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

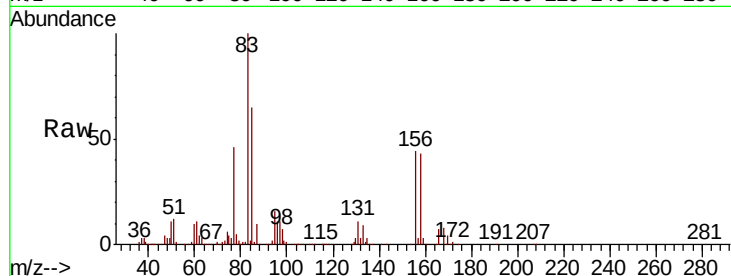
Tot Ion: 83 Resp: 204550

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

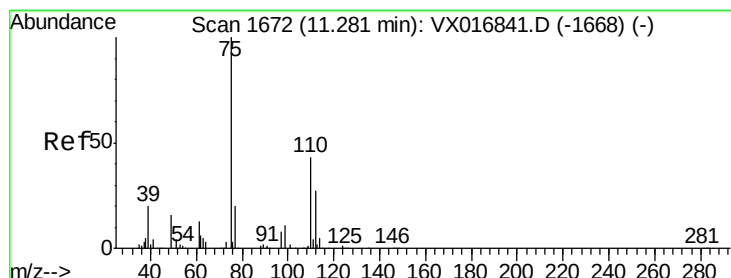
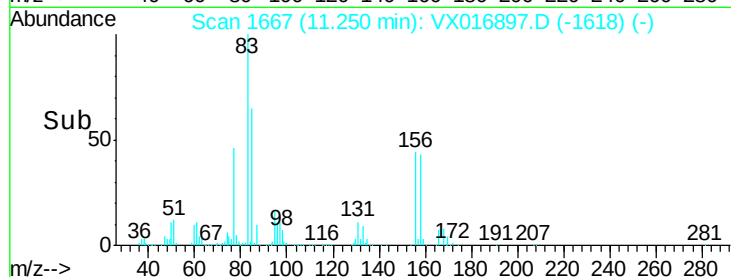
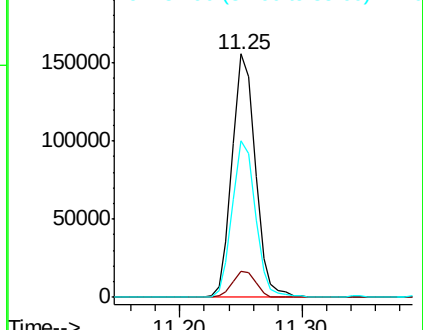
85 64.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.051 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016897.D

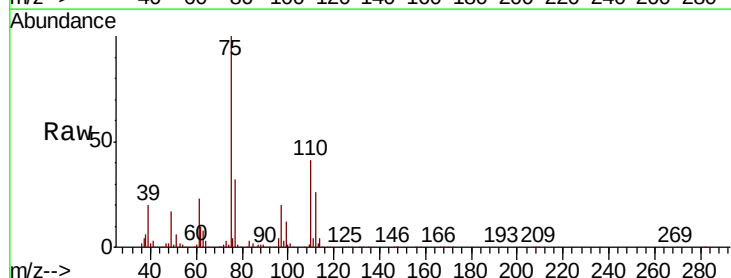
Acq: 19 Jun 2020 21:55

Tgt Ion: 75 Resp: 262065

Ion Ratio Lower Upper

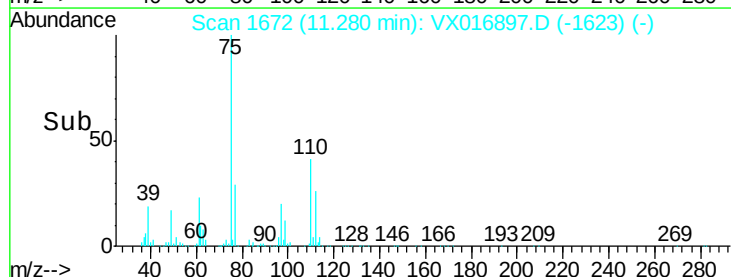
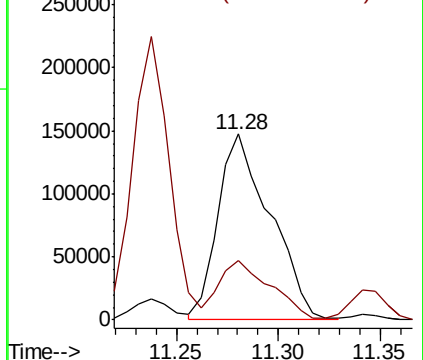
75 100

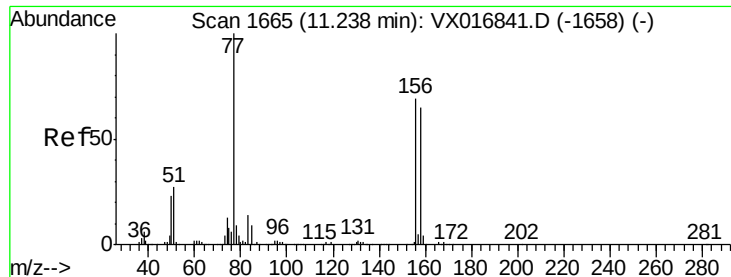
77 31.8 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.685 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

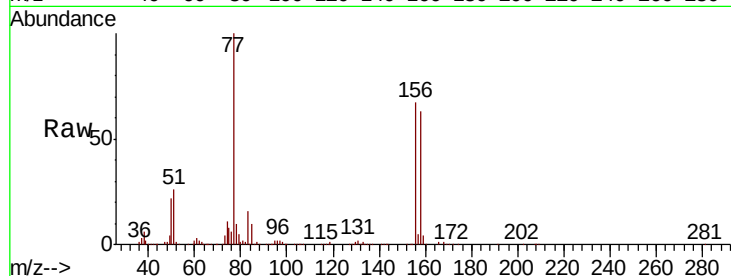
Tot Ion:156 Resp: 190463

Ion Ratio Lower Upper

156 100

77 148.1 73.4 220.2

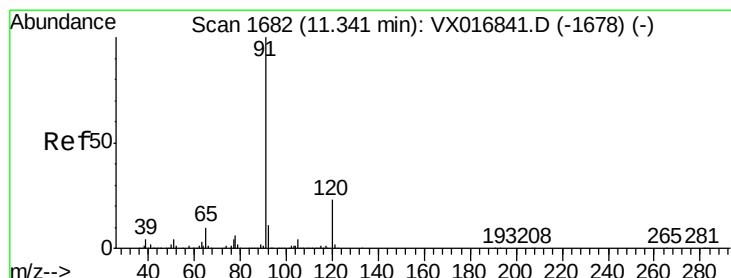
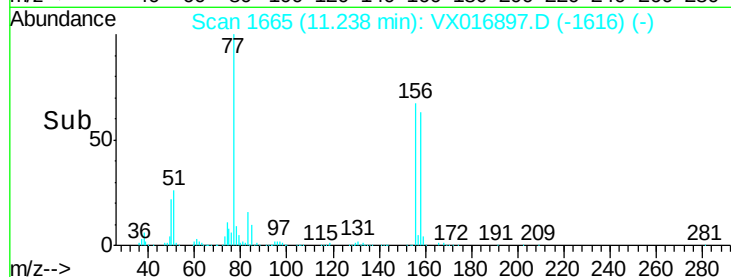
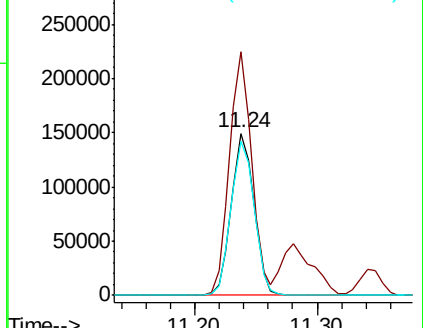
158 97.5 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.475 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016897.D

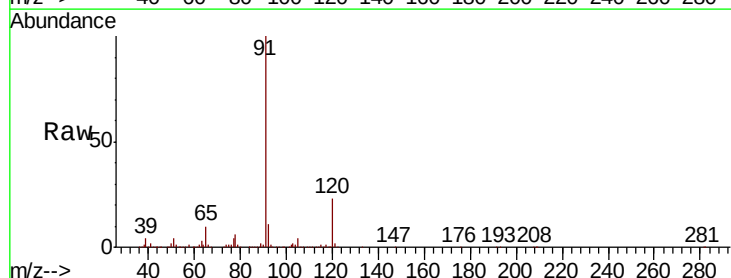
Acq: 19 Jun 2020 21:55

Tgt Ion: 91 Resp: 791554

Ion Ratio Lower Upper

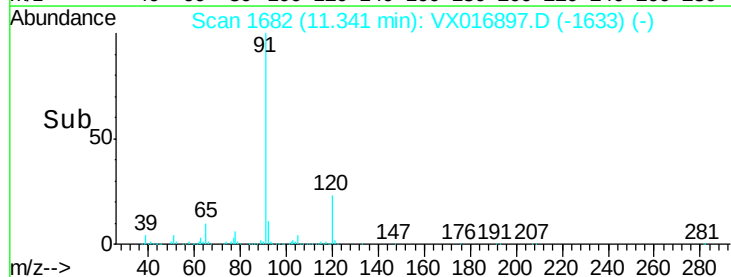
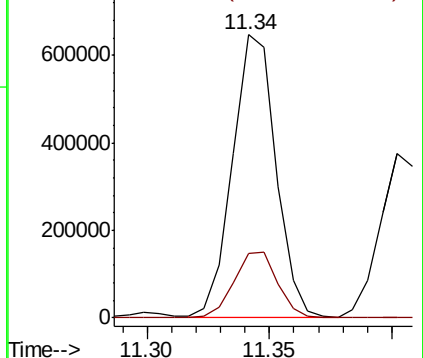
91 100

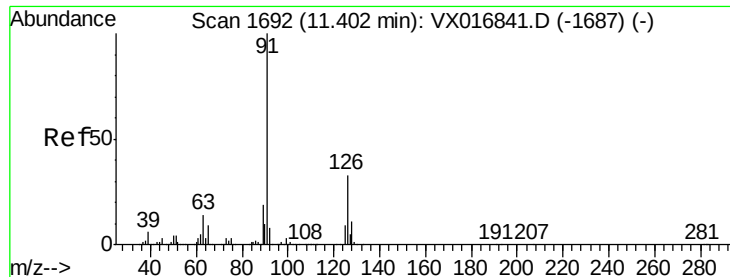
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.892 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

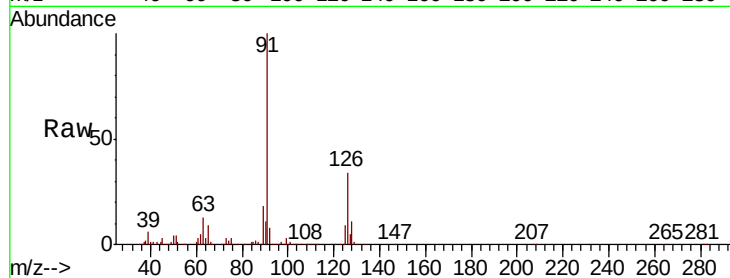
VSTDCCC050EC

Tot Ion: 91 Resp: 478815

Ion Ratio Lower Upper

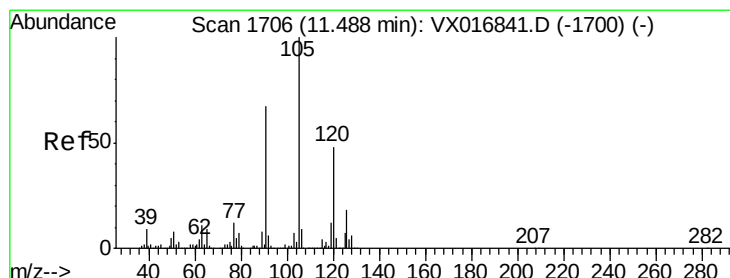
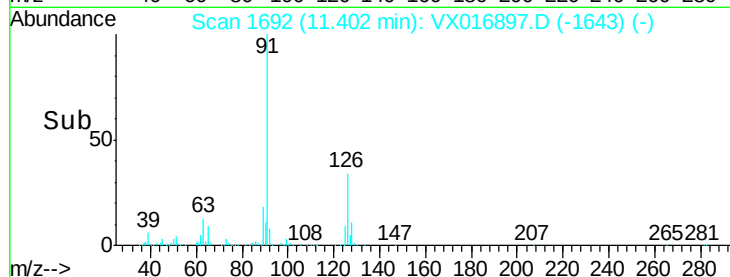
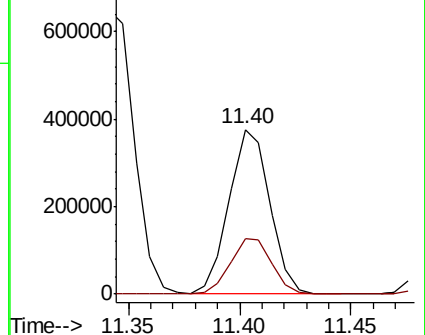
91 100

126 34.6 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX016897.D (-1643) (-)

Ion 125.90 (125.60 to 126.60): VX016897.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.616 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016897.D

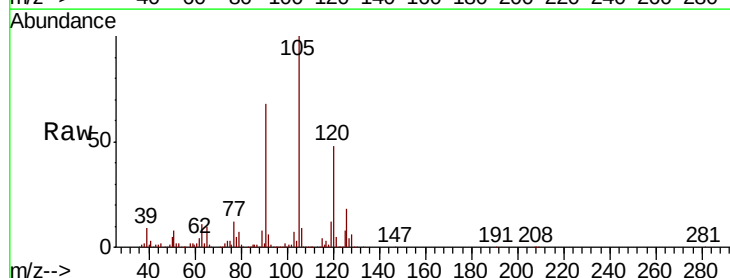
Acq: 19 Jun 2020 21:55

Tgt Ion: 105 Resp: 601740

Ion Ratio Lower Upper

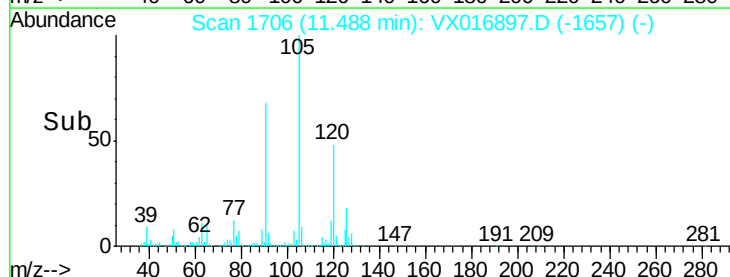
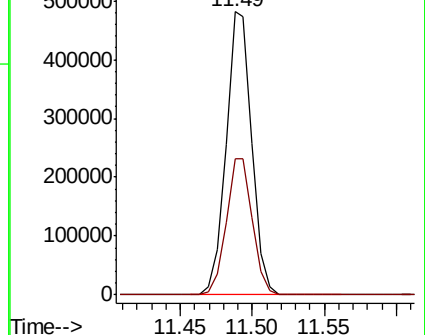
105 100

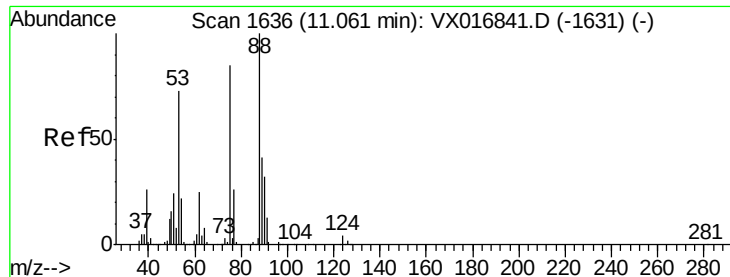
120 49.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016897.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX016897.D (-1657) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.141 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

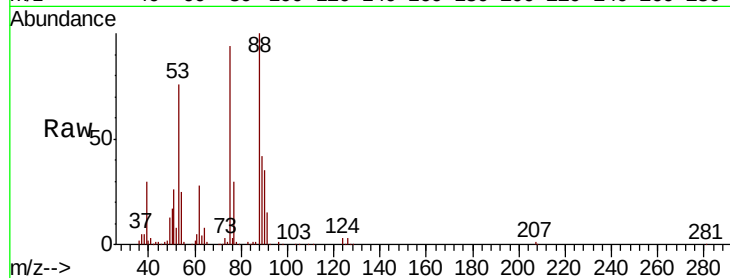
Tot Ion: 75 Resp: 80026

Ion Ratio Lower Upper

75 100

53 85.3 69.8 104.8

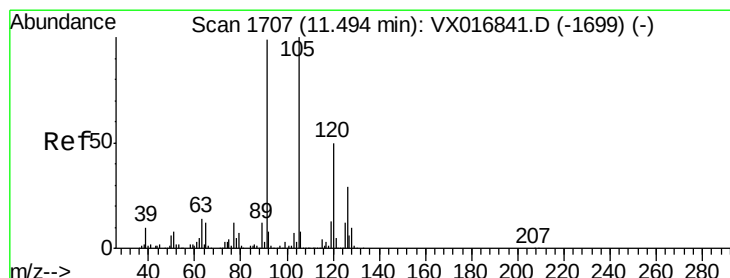
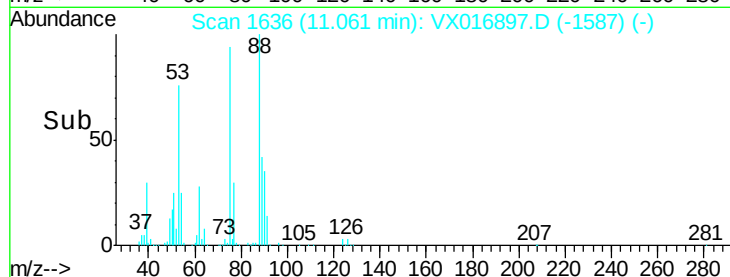
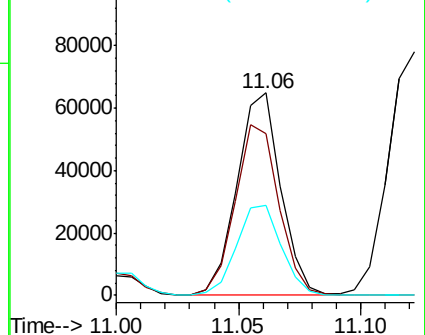
89 45.9 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.594 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016897.D

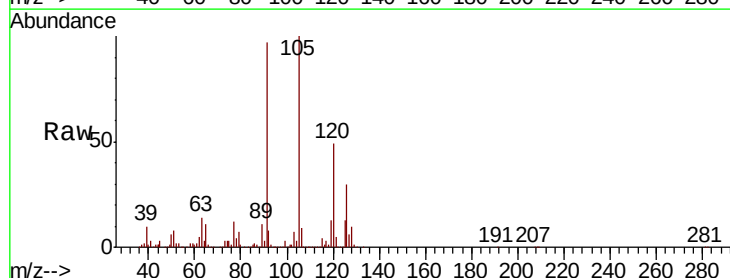
Acq: 19 Jun 2020 21:55

Tgt Ion: 91 Resp: 559781

Ion Ratio Lower Upper

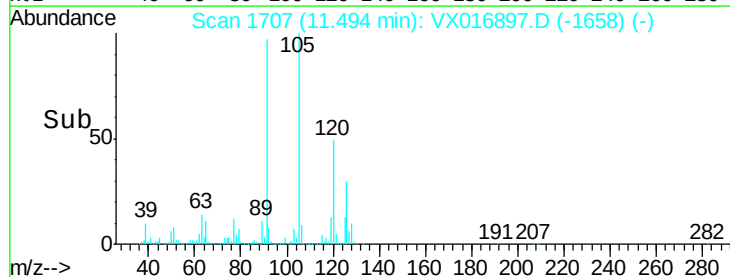
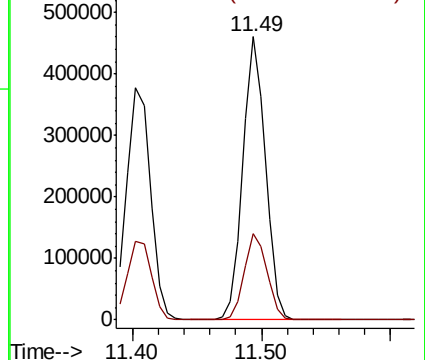
91 100

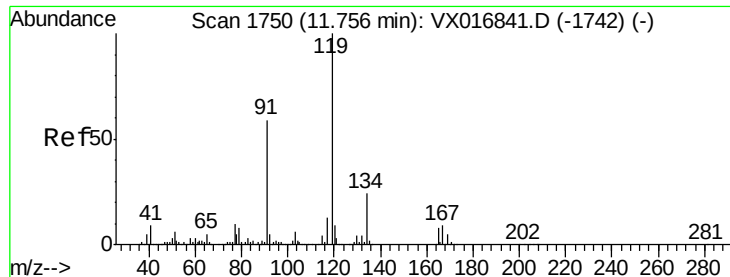
126 30.5 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

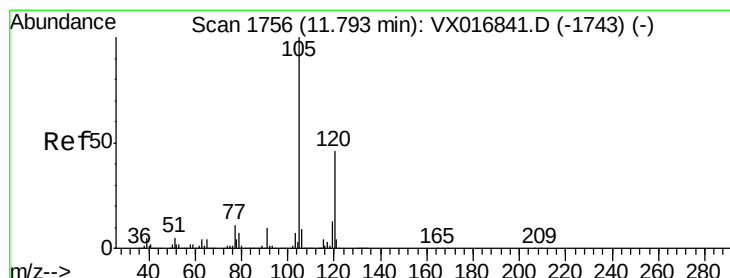
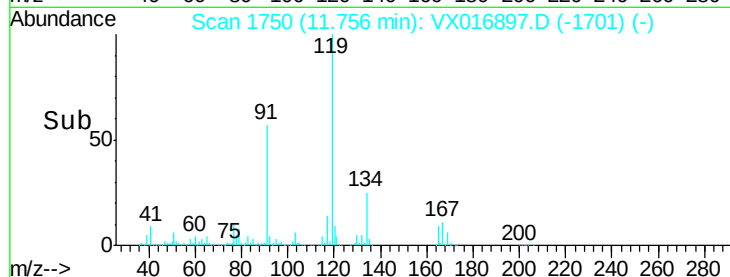
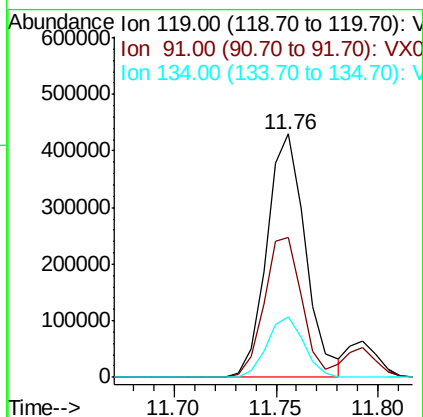
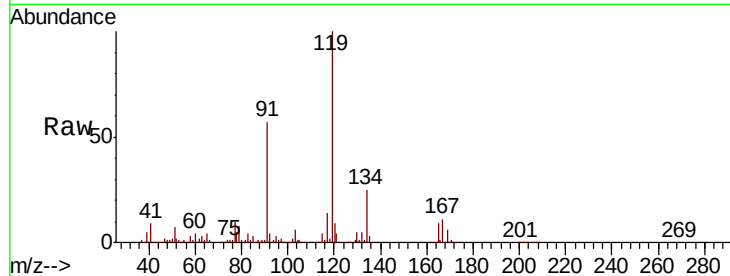




#83
 tert-Butylbenzene
 Concen: 48.326 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

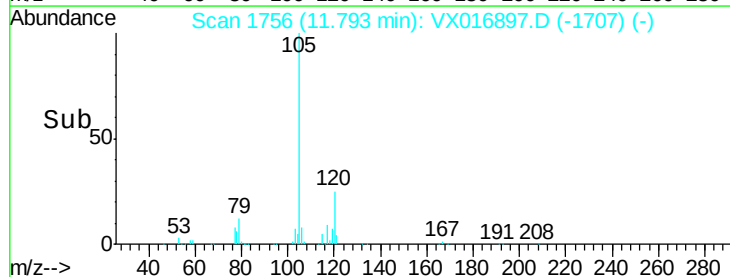
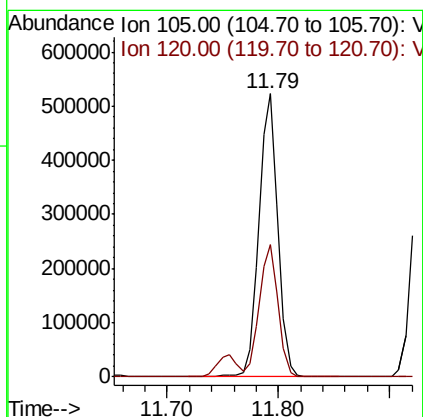
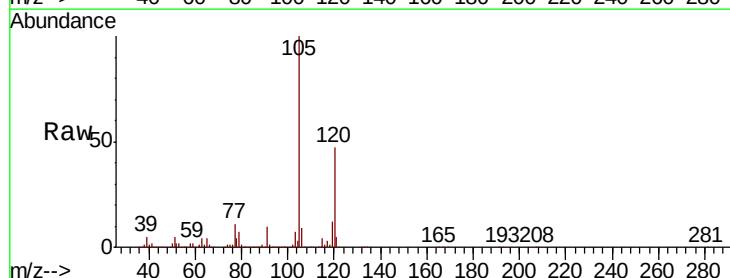
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

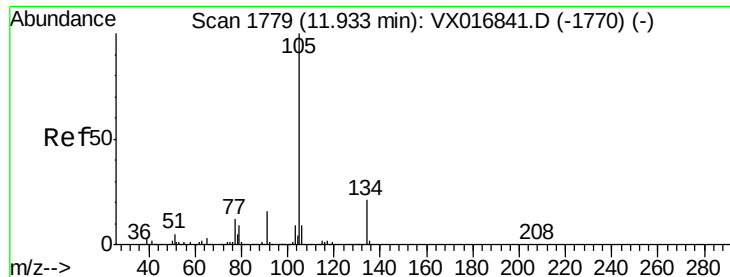
Tot Ion:119 Resp: 568439
 Ion Ratio Lower Upper
 119 100
 91 55.9 28.5 85.5
 134 23.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.453 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion:105 Resp: 617859
 Ion Ratio Lower Upper
 105 100
 120 46.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 47.570 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

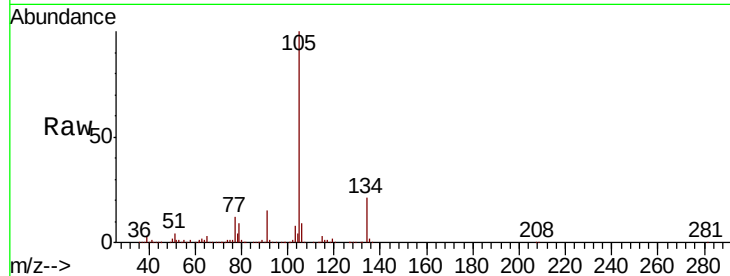
VSTDCCC050EC

Tot Ion:105 Resp: 649847

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

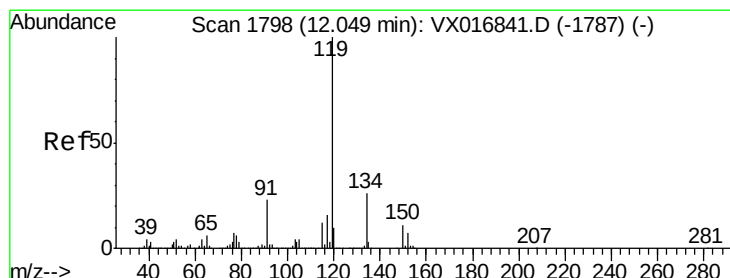
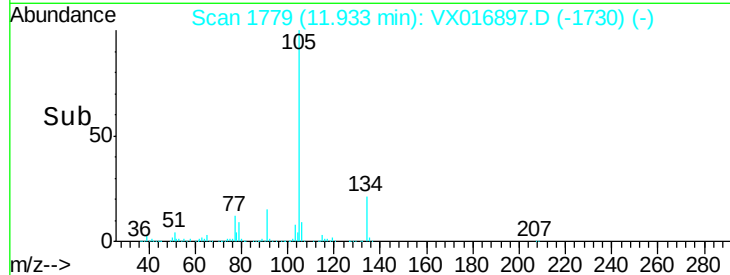
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.772 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

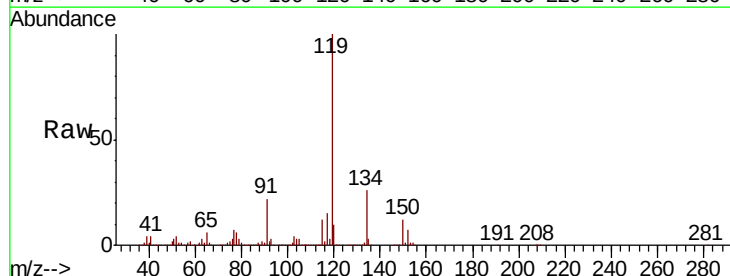
Tgt Ion:119 Resp: 622977

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 22.7 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

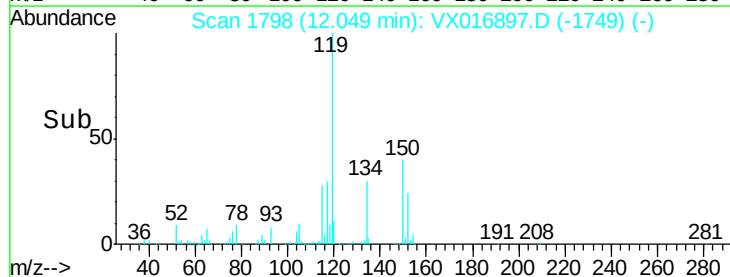
600000

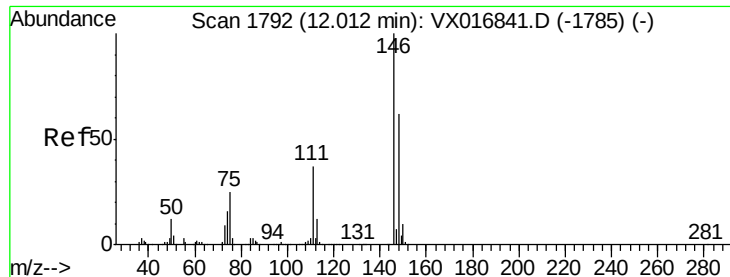
400000

200000

0

Time-->

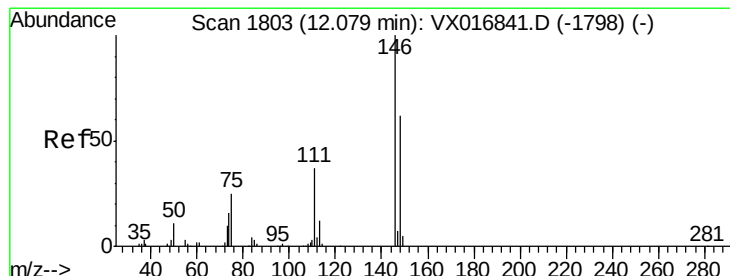
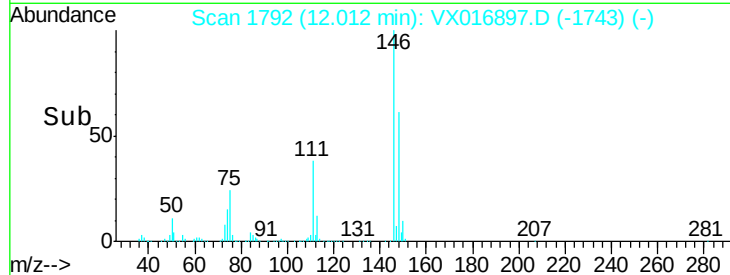
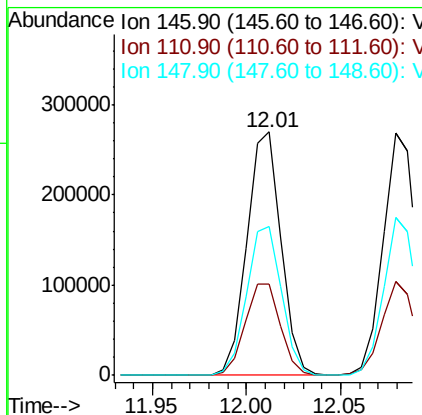
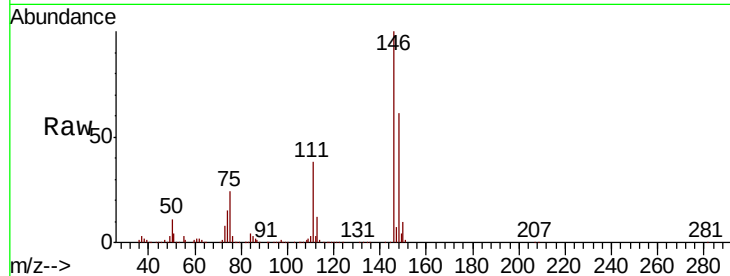




#87
 1,3-Dichlorobenzene
 Concen: 49.241 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

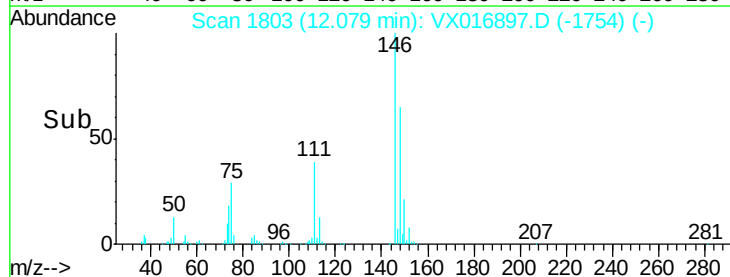
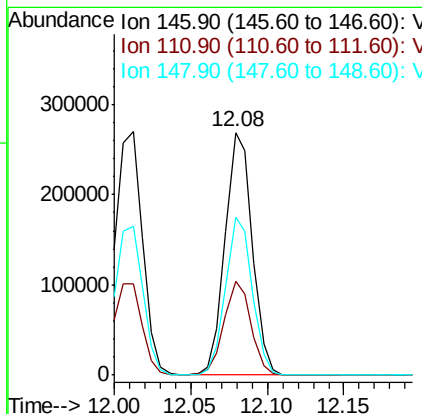
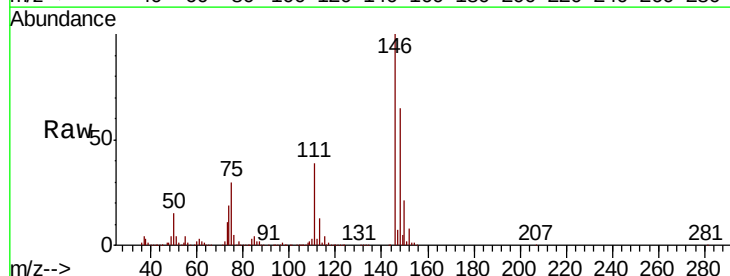
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

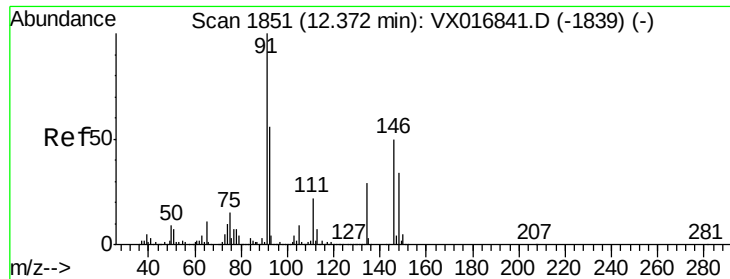
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.2
148	62.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.607 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.0	57.0
148	64.5	31.6	95.0

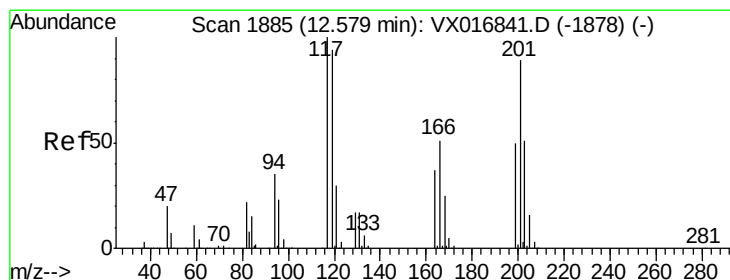
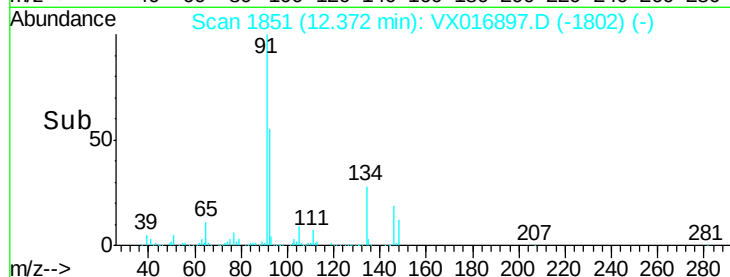
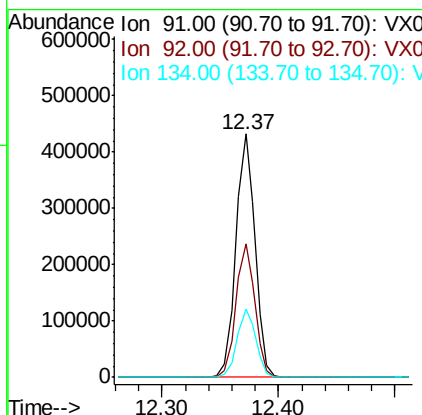
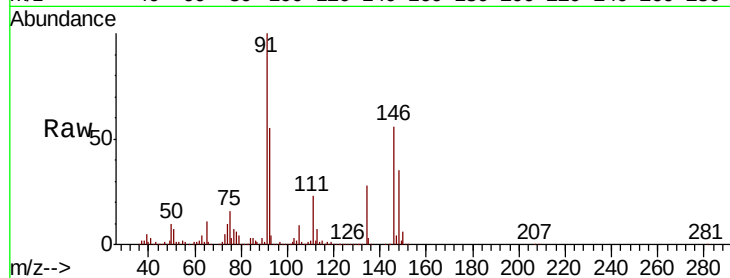




#89
n-Butylbenzene
Concen: 45.982 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

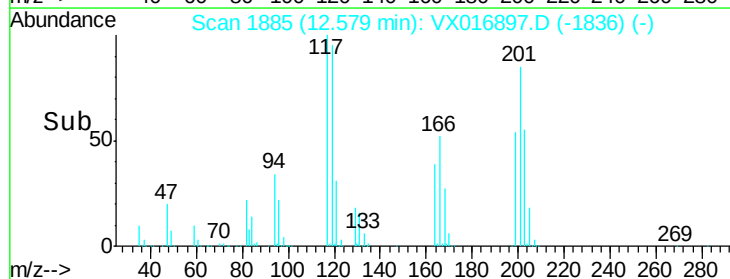
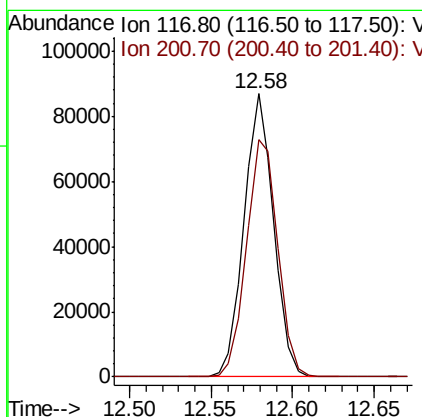
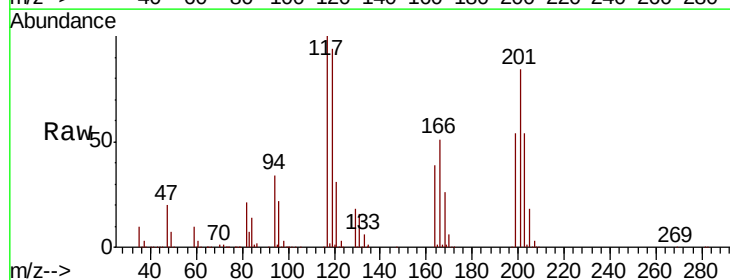
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

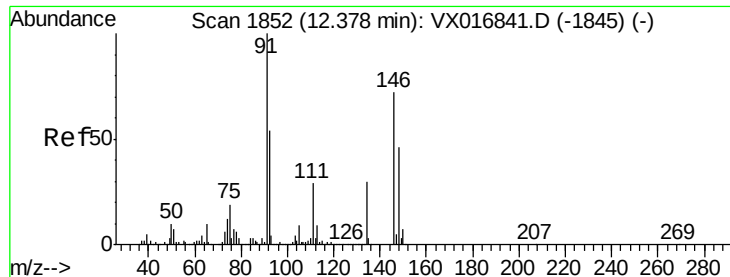
Tot Ion: 91 Resp: 493535
Ion Ratio Lower Upper
91 100
92 54.6 27.4 82.2
134 27.8 13.9 41.6



#90
Hexachloroethane
Concen: 48.712 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016897.D
Acq: 19 Jun 2020 21:55

Tgt Ion: 117 Resp: 109830
Ion Ratio Lower Upper
117 100
201 88.5 44.9 134.5





#91

1,2-Dichlorobenzene

Concen: 47.452 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

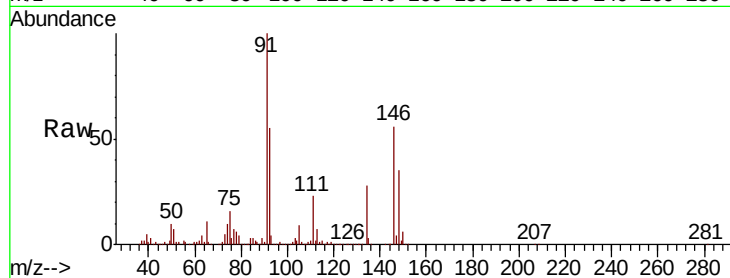
Tot Ion:146 Resp: 314498

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.7

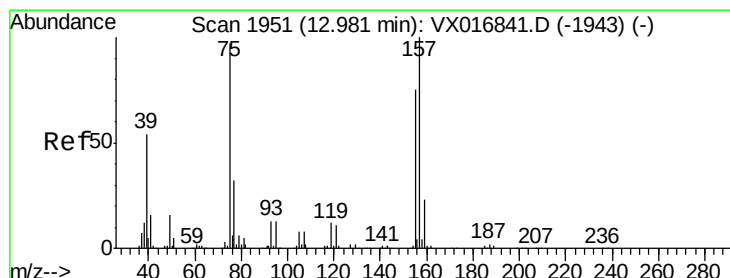
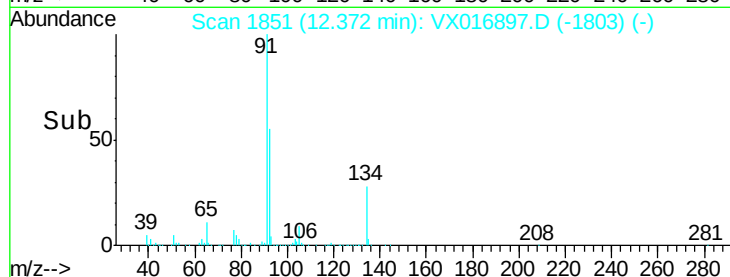
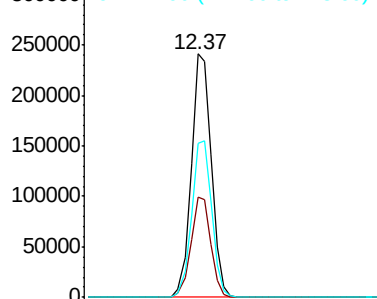
148 64.6 32.9 98.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.693 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

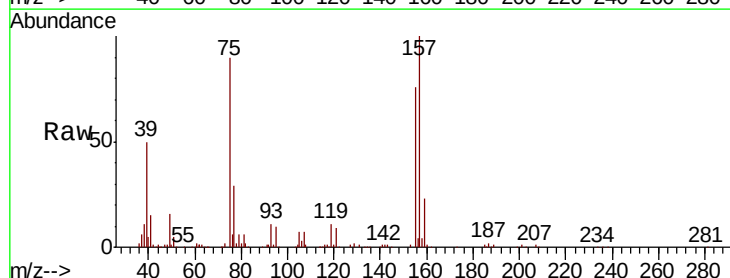
Tgt Ion: 75 Resp: 49533

Ion Ratio Lower Upper

75 100

155 93.0 46.4 139.1

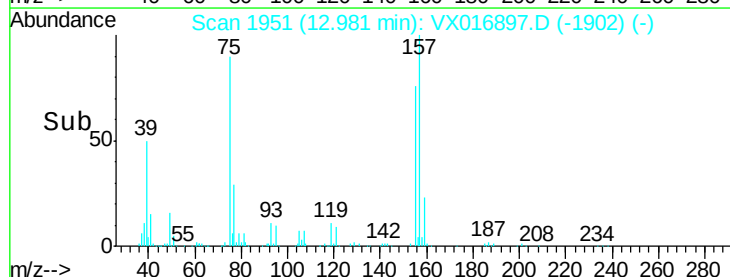
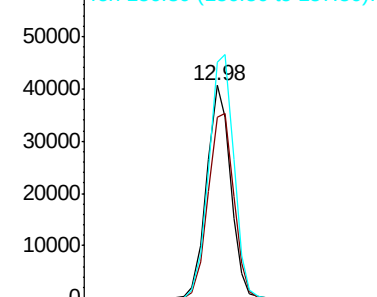
157 120.3 58.6 175.8

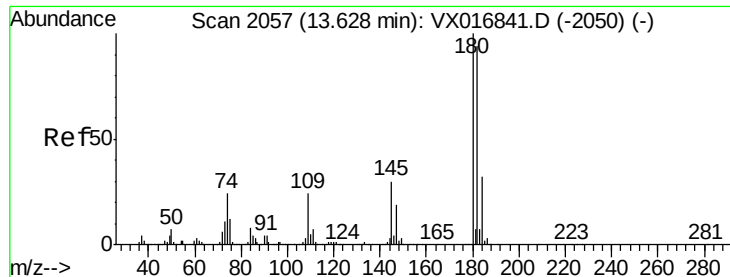


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

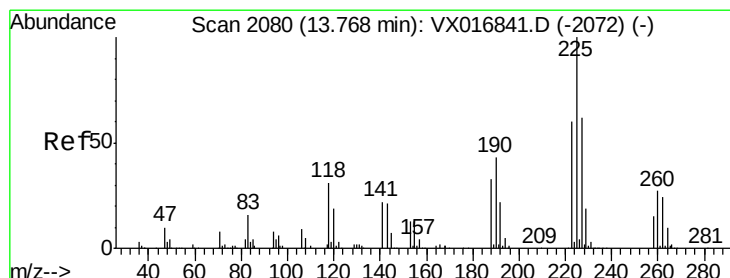
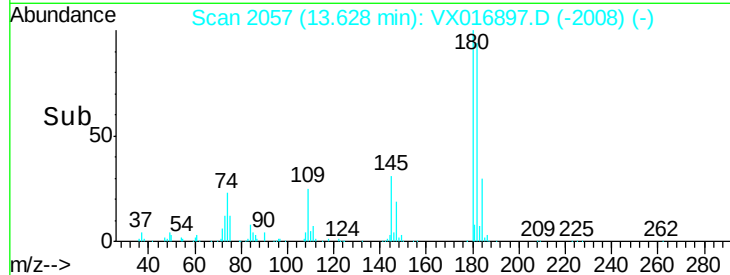
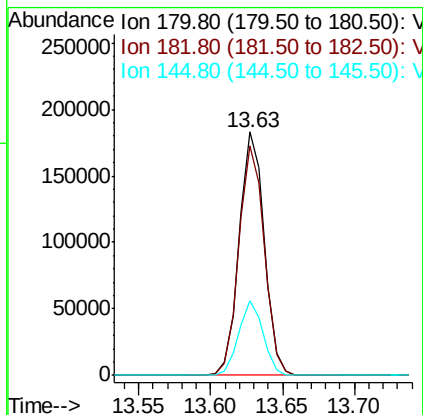
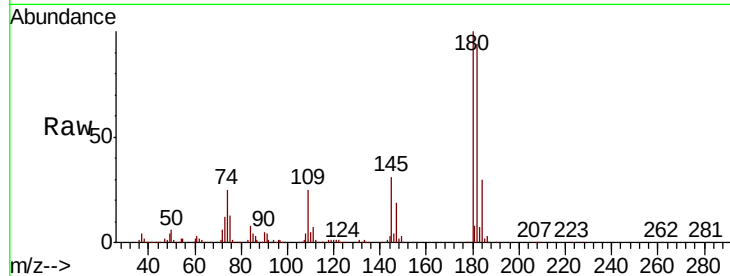




#93
 1,2,4-Trichlorobenzene
 Concen: 49.682 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

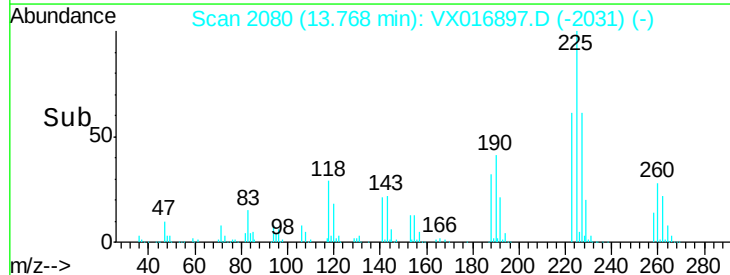
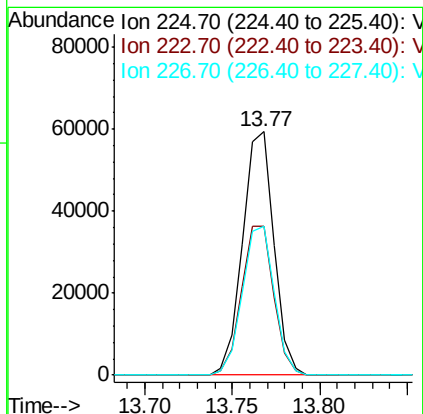
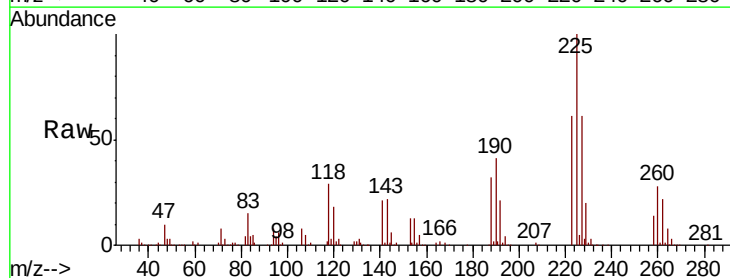
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

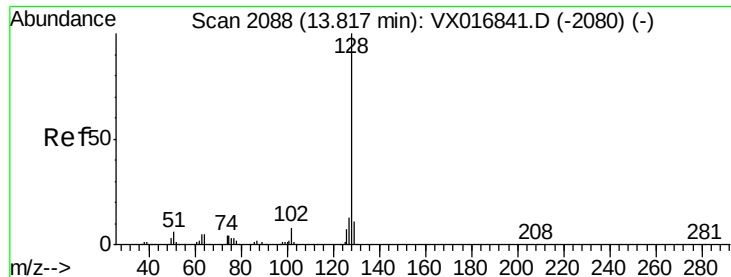
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.7	143.1
145	30.0	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 36.800 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016897.D
 Acq: 19 Jun 2020 21:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	32.1	96.5
227	62.3	32.3	96.8





#95

Naphthalene

Concen: 55.059 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

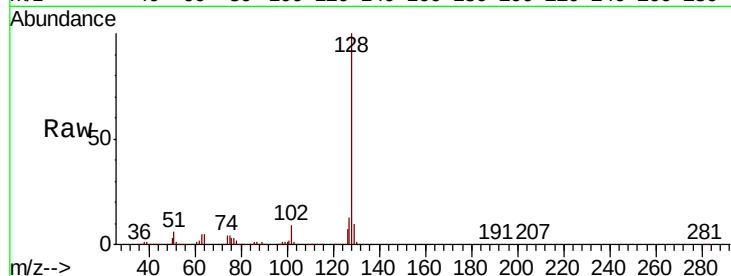
Tot Ion:128 Resp: 719405

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

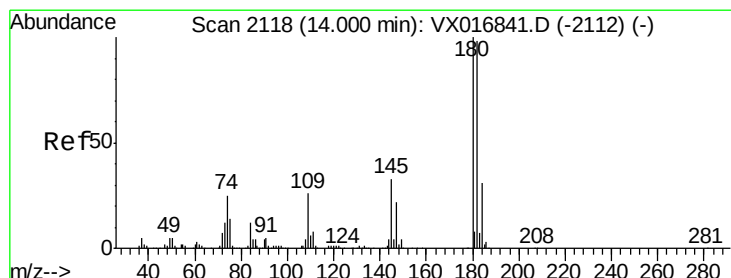
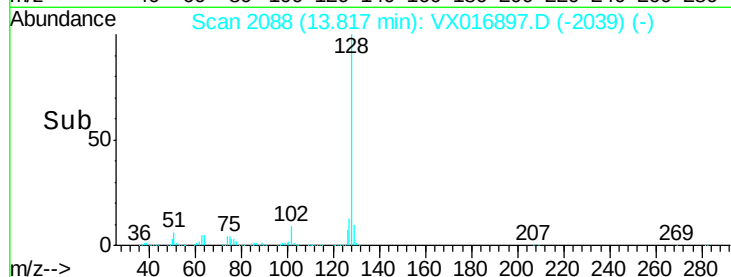
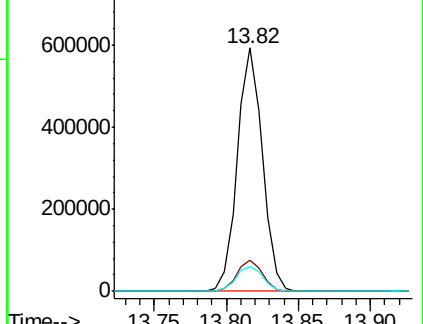
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.708 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016897.D

Acq: 19 Jun 2020 21:55

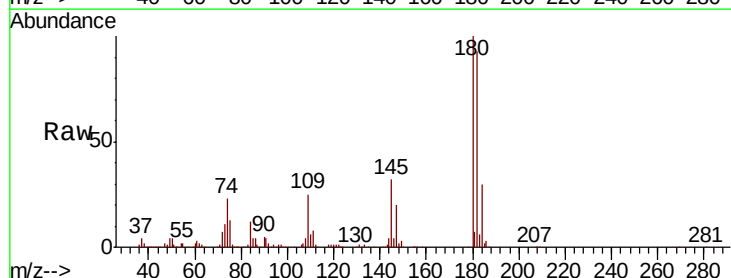
Tgt Ion:180 Resp: 220618

Ion Ratio Lower Upper

180 100

182 96.0 47.4 142.3

145 31.7 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

