

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016813.D
 Acq On : 17 Jun 2020 12:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 18 00:42:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	326233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	556420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	514671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	163646	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	
35) Dibromofluoromethane	5.46	113	139501	40.64	ug/l	0.00
Spiked Amount			Recovery	=	81.28%	
50) Toluene-d8	8.70	98	619382	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.12	95	222184	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	211860	57.461	ug/l	99
3) Chloromethane	1.31	50	202795	56.945	ug/l	99
4) Vinyl Chloride	1.39	62	221212	58.214	ug/l	97
5) Bromomethane	1.62	94	122540	51.925	ug/l	100
6) Chloroethane	1.70	64	137325	58.667	ug/l	99
7) Trichlorofluoromethane	1.91	101	305834	55.881	ug/l	98
8) Diethyl Ether	2.17	74	122179	54.668	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	171049	61.431	ug/l	97
10) Methyl Iodide	2.49	142	164116	47.157	ug/l	97
11) Tert butyl alcohol	3.01	59	200286	217.266	ug/l	100
12) 1,1-Dichloroethene	2.36	96	172623	54.138	ug/l	99
13) Acrolein	2.27	56	104081	265.025	ug/l	99
14) Allyl chloride	2.70	41	242096	48.546	ug/l	97
15) Acrylonitrile	3.11	53	440415	235.442	ug/l	100
16) Acetone	2.42	43	431750	259.387	ug/l	99
17) Carbon Disulfide	2.55	76	418525	45.831	ug/l	99
18) Methyl Acetate	2.75	43	219111	49.318	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	507864	46.733	ug/l	98
20) Methylene Chloride	2.83	84	165811	46.247	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	159507	46.552	ug/l	97
22) Diisopropyl ether	3.82	45	460399	49.150	ug/l	97
23) Vinyl Acetate	3.78	43	1970866	243.427	ug/l	99
24) 1,1-Dichloroethane	3.67	63	273712	46.719	ug/l	99
25) 2-Butanone	4.63	43	585534	233.413	ug/l	97
26) 2,2-Dichloropropane	4.54	77	256580	47.297	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	182795	46.675	ug/l	100
28) Bromochloromethane	4.98	49	116230	46.506	ug/l	99
29) Tetrahydrofuran	5.08	42	384409	236.547	ug/l	99
30) Chloroform	5.17	83	286960	46.297	ug/l	98
31) Cyclohexane	5.55	56	250112	52.974	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	265808	47.260	ug/l	100
36) 1,1-Dichloropropene	5.76	75	220192	44.780	ug/l	100
37) Ethyl Acetate	4.79	43	227753	42.294	ug/l	99
38) Carbon Tetrachloride	5.75	117	238497	42.707	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302585	53.008	ug/l	96
40) Benzene	6.11	78	654453	43.714	ug/l	100
41) Methacrylonitrile	5.00	41	125775	43.805	ug/l	96
42) 1,2-Dichloroethane	6.16	62	219523	40.174	ug/l	98
43) Isopropyl Acetate	6.40	43	368494	43.662	ug/l	99
44) Trichloroethene	7.18	130	243773	52.639	ug/l	98
45) 1,2-Dichloropropane	7.49	63	193435	52.707	ug/l	99
46) Dibromomethane	7.63	93	131016	48.980	ug/l	97
47) Bromodichloromethane	7.87	83	271248	48.641	ug/l	97
48) Methyl methacrylate	7.74	41	209360	52.339	ug/l	97
49) 1,4-Dioxane	7.71	88	94393	953.549	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1374632	264.320	ug/l	100
52) Toluene	8.76	92	489794	50.366	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	318942	50.637	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	330997	50.380	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	193570	49.495	ug/l	98
56) Ethyl methacrylate	9.16	69	315514	53.884	ug/l	98
57) 1,3-Dichloropropane	9.35	76	327834	49.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	795511	276.308	ug/l	98
59) 2-Hexanone	9.47	43	1045900	260.517	ug/l	100
60) Dibromochloromethane	9.56	129	222257	48.086	ug/l	100
61) 1,2-Dibromoethane	9.65	107	209500	49.153	ug/l	99
64) Tetrachloroethene	9.32	164	273547	55.349	ug/l	98
65) Chlorobenzene	10.12	112	529332	50.687	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	198246	47.586	ug/l	97
67) Ethyl Benzene	10.23	91	926022	52.452	ug/l	100
68) m/p-Xylenes	10.34	106	696489	104.050	ug/l	99
69) o-Xylene	10.68	106	343871	53.324	ug/l	100
70) Styrene	10.70	104	611635	54.865	ug/l	99
71) Bromoform	10.84	173	175641	49.413	ug/l #	98
73) Isopropylbenzene	11.00	105	901129	56.871	ug/l	100
74) N-amyl acetate	10.88	43	362314	58.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	224120	48.084	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	344959	67.929	ug/l	86
77) Bromobenzene	11.24	156	228962	51.177	ug/l	98
78) n-propylbenzene	11.34	91	997589	57.974	ug/l	98
79) 2-Chlorotoluene	11.40	91	579415	53.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	776989	58.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	106481	52.786	ug/l	93
82) 4-Chlorotoluene	11.49	91	728855	57.225	ug/l	100
83) tert-Butylbenzene	11.76	119	659381	54.253	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	749381	55.771	ug/l	99
85) sec-Butylbenzene	11.93	105	809322	56.928	ug/l	100
86) p-Isopropyltoluene	12.05	119	764662	56.057	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	400187	52.910	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	397245	50.645	ug/l	100
89) n-Butylbenzene	12.37	91	692648	61.511	ug/l	99
90) Hexachloroethane	12.58	117	134446	53.448	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	401586	53.093	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63279	48.548	ug/l	97

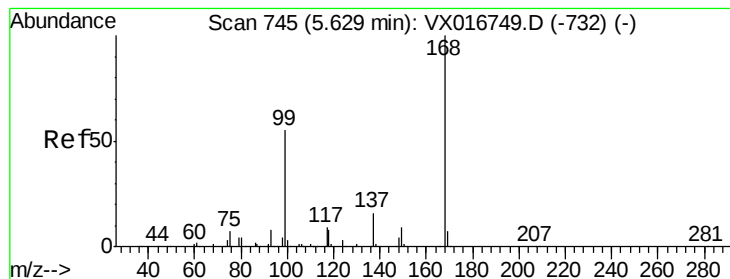
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	284559	53.721	ug/l	97
94) Hexachlorobutadiene	13.77	225	128253	54.982	ug/l	99
95) Naphthalene	13.82	128	872626	52.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	273412	52.442	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

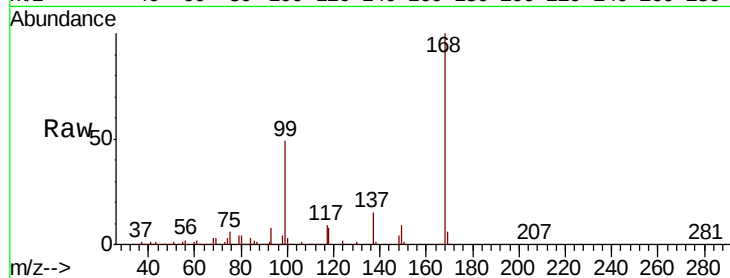
VSTDCCC050

Tot Ion:168 Resp: 326233

Ion Ratio Lower Upper

168 100

99 49.4 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

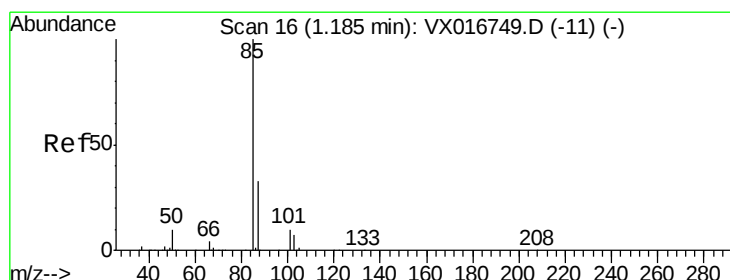
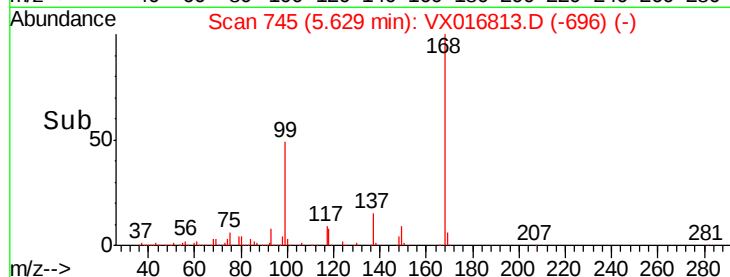
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 57.461 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016813.D

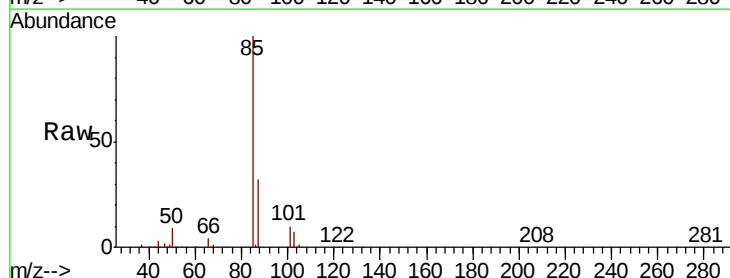
Acq: 17 Jun 2020 12:39

Tgt Ion: 85 Resp: 211860

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

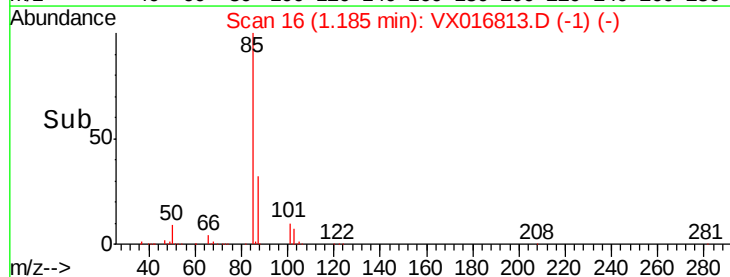
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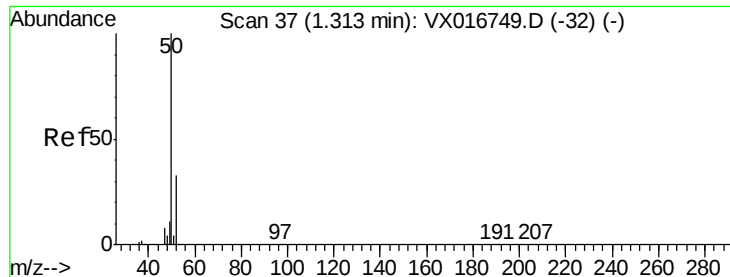
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 56.945 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

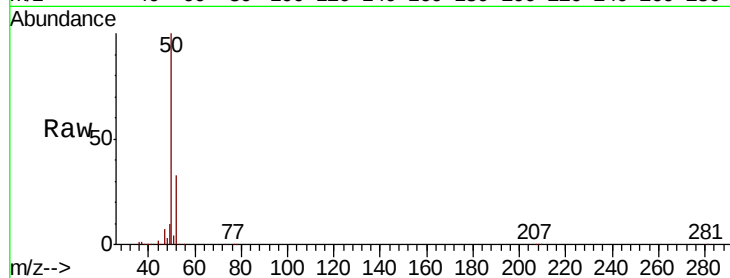
VSTDCCC050

Tot Ion: 50 Resp: 202795

Ion Ratio Lower Upper

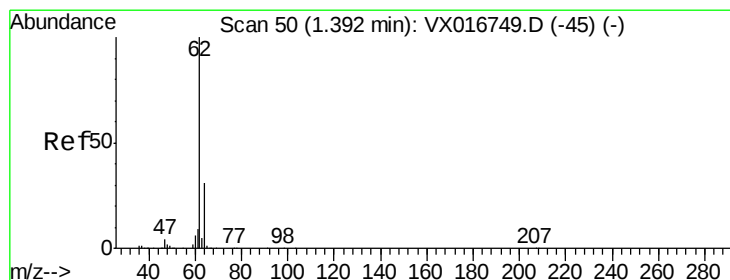
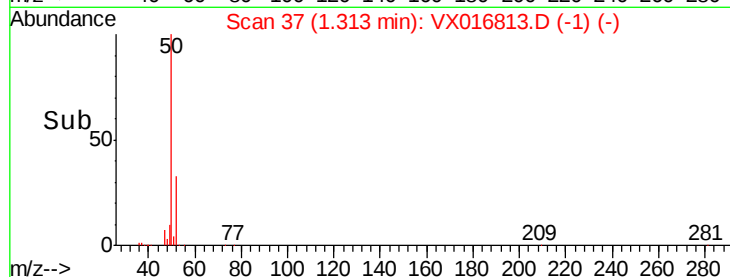
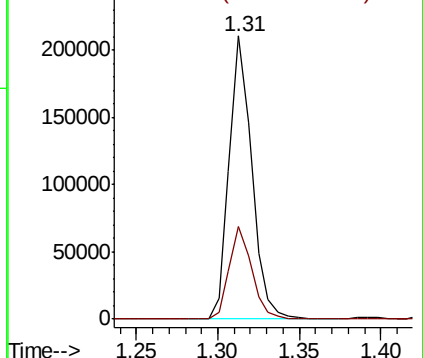
50 100

52 32.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 58.214 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016813.D

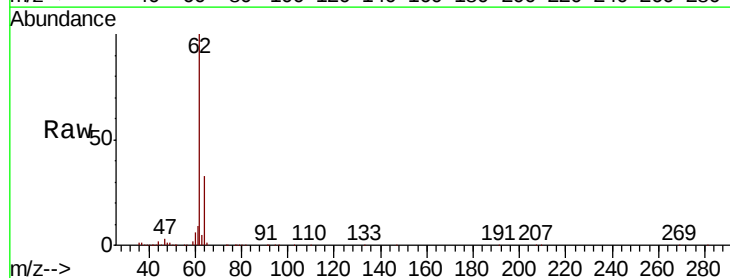
Acq: 17 Jun 2020 12:39

Tgt Ion: 62 Resp: 221212

Ion Ratio Lower Upper

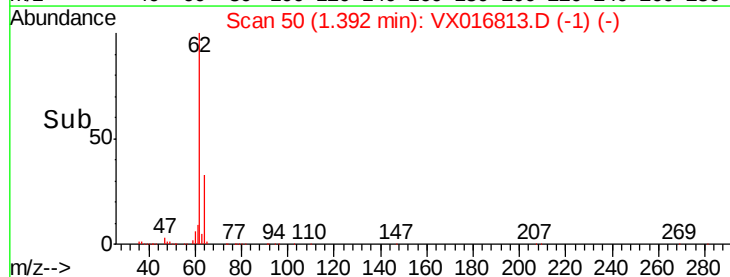
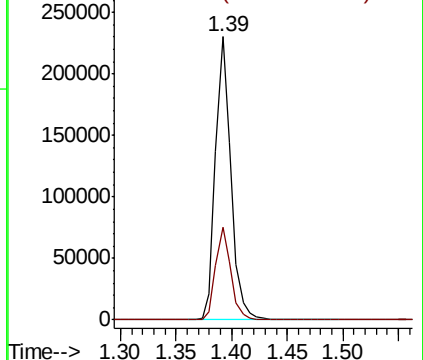
62 100

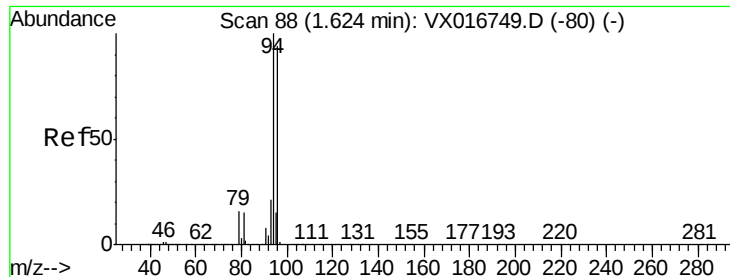
64 32.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.925 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

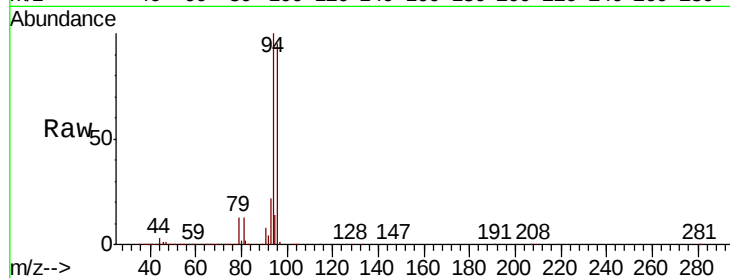
VSTDCCC050

Tot Ion: 94 Resp: 122540

Ion Ratio Lower Upper

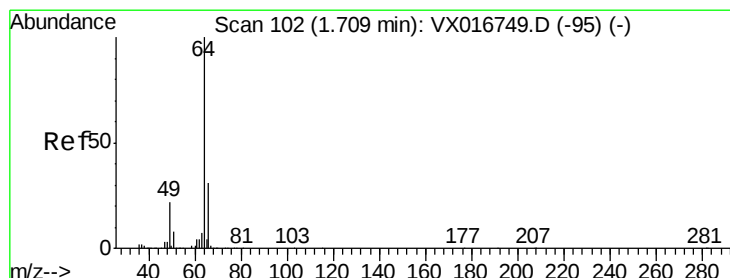
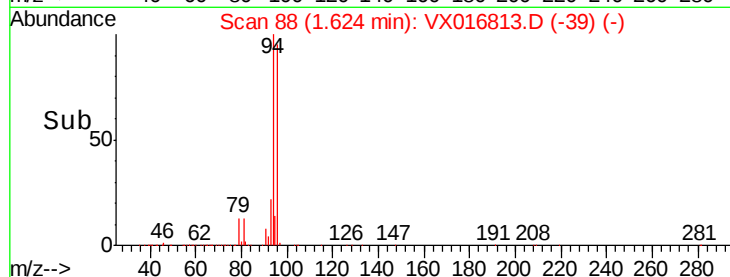
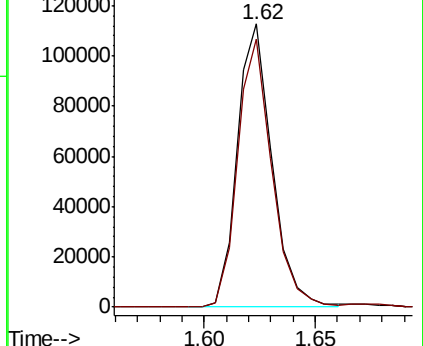
94 100

96 94.6 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.667 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016813.D

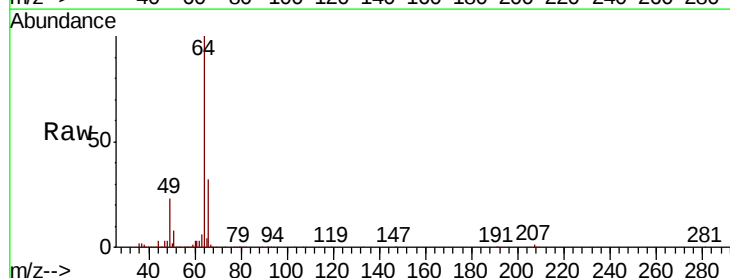
Acq: 17 Jun 2020 12:39

Tgt Ion: 64 Resp: 137325

Ion Ratio Lower Upper

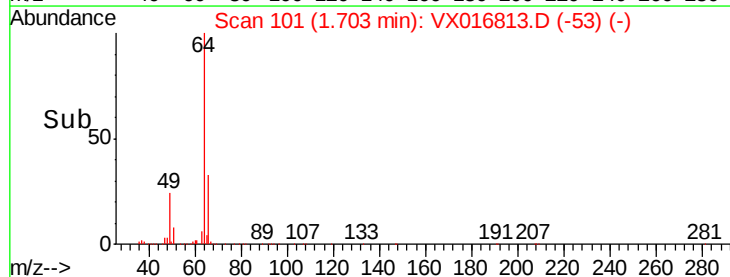
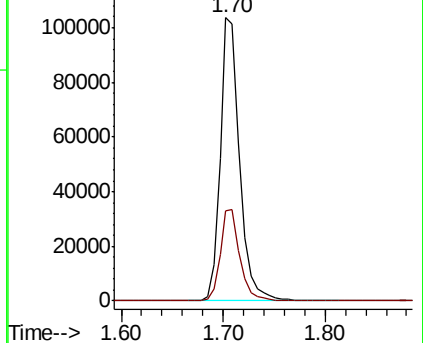
64 100

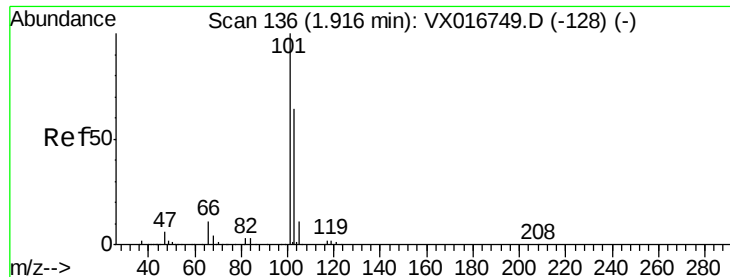
66 32.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



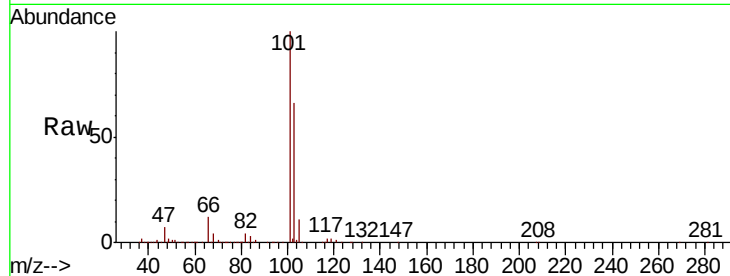


#7

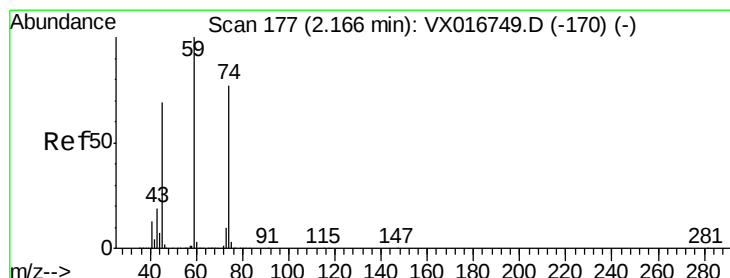
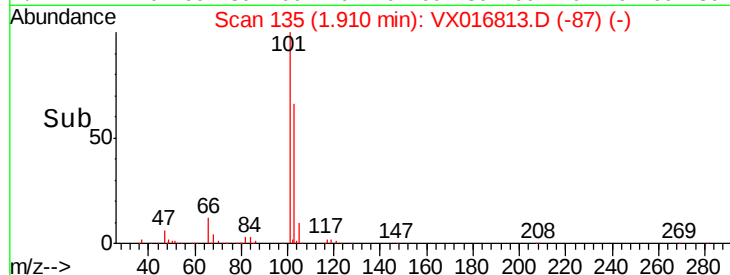
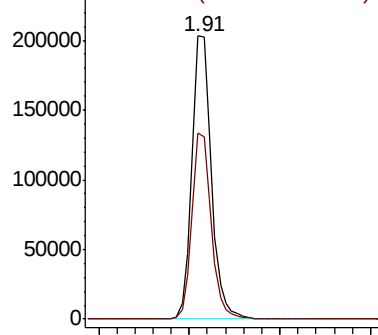
Trichlorofluoromethane
Concen: 55.881 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 305834
Ion Ratio Lower Upper
101 100
103 65.6 51.3 76.9



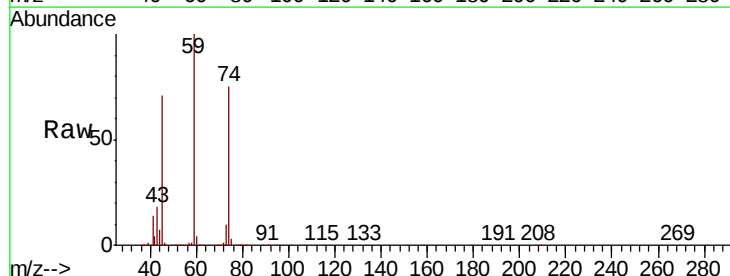
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



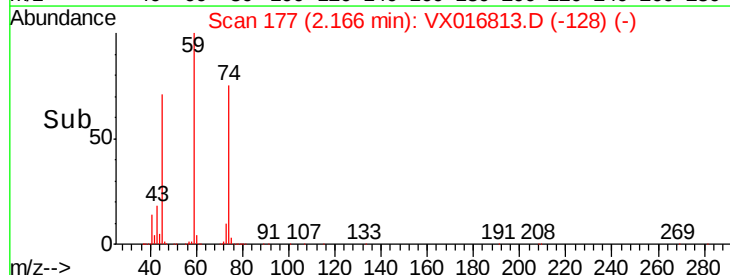
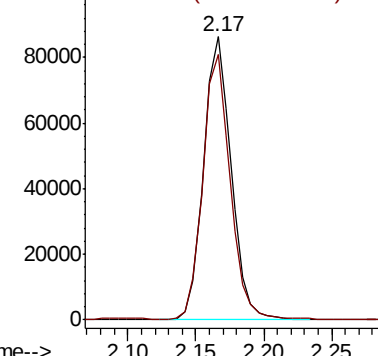
#8

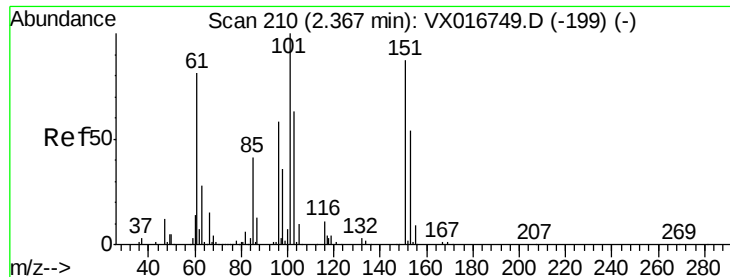
Diethyl Ether
Concen: 54.668 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 74 Resp: 122179
Ion Ratio Lower Upper
74 100
45 92.2 43.5 130.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.431 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

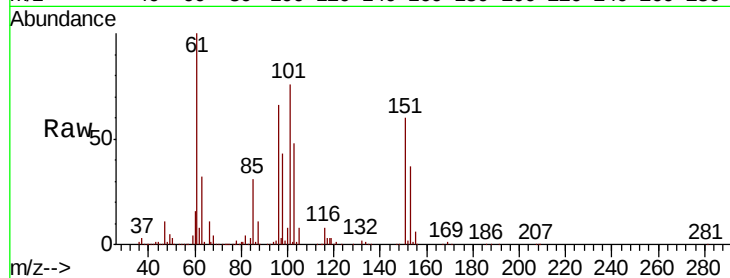
Tot Ion:101 Resp: 171049

Ion Ratio Lower Upper

101 100

85 42.0 34.0 51.0

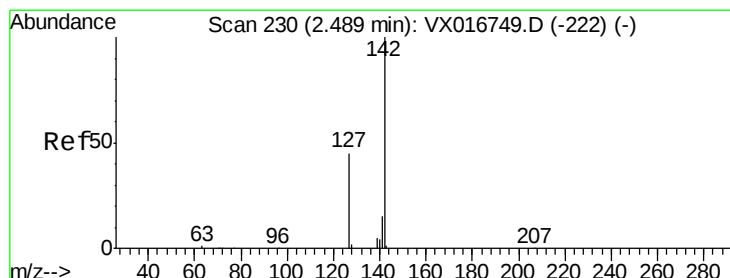
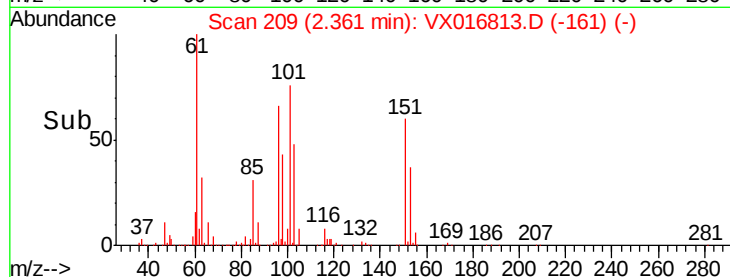
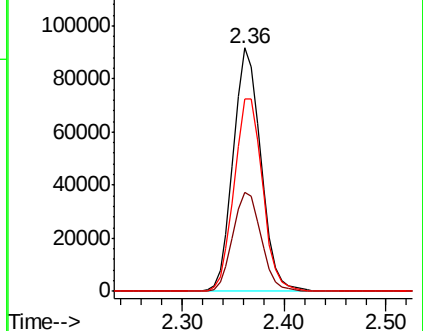
151 82.1 68.7 103.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.157 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

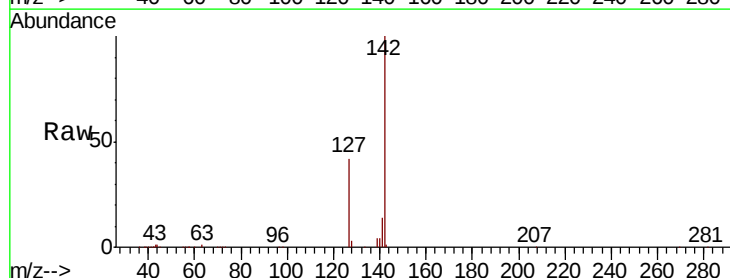
Tgt Ion:142 Resp: 164116

Ion Ratio Lower Upper

142 100

127 42.1 35.4 53.2

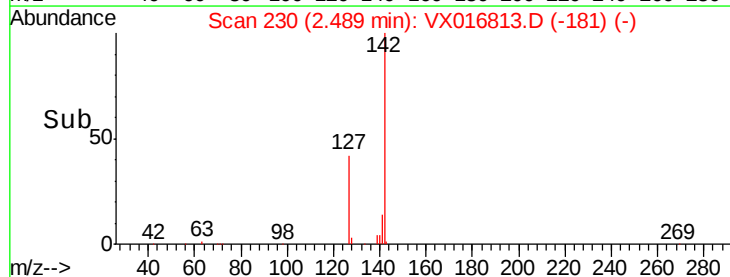
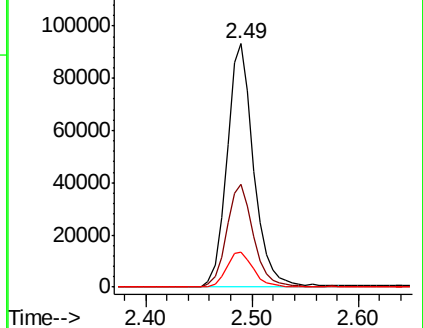
141 14.8 11.7 17.5

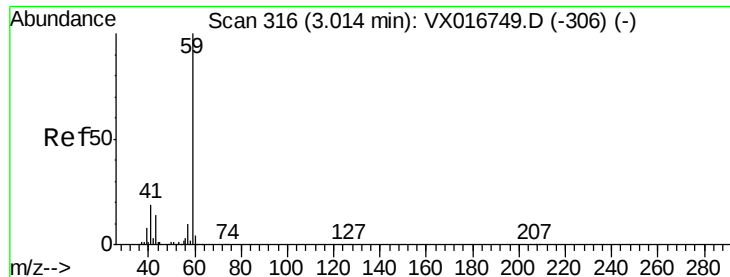


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

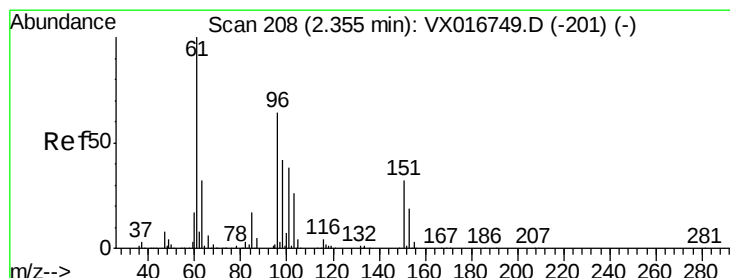
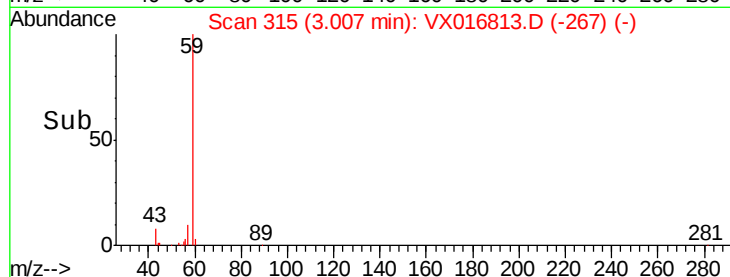
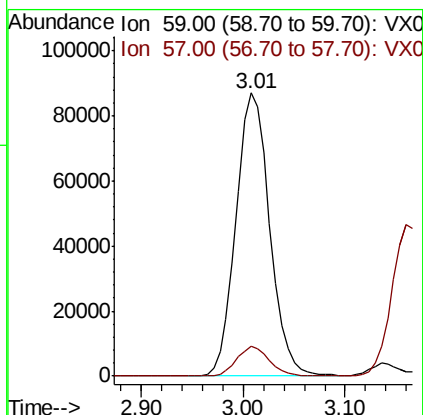
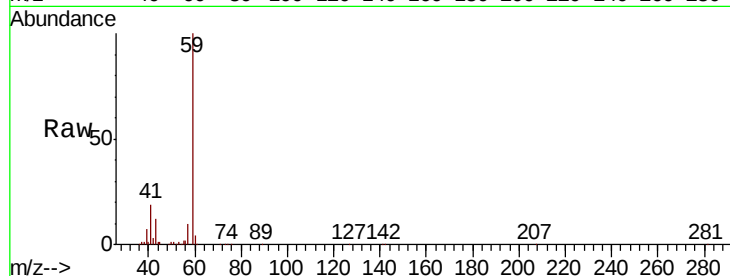




#11
Tert butyl alcohol
Concen: 217.266 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

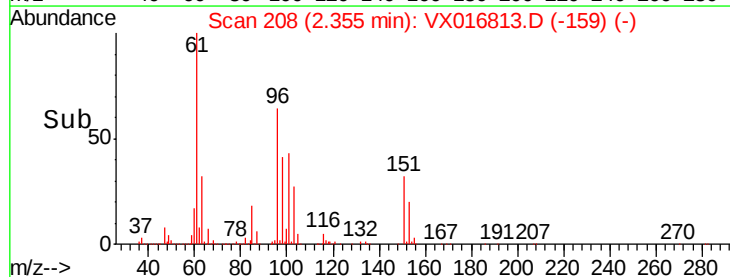
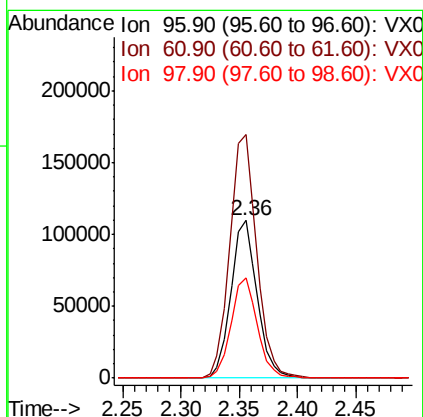
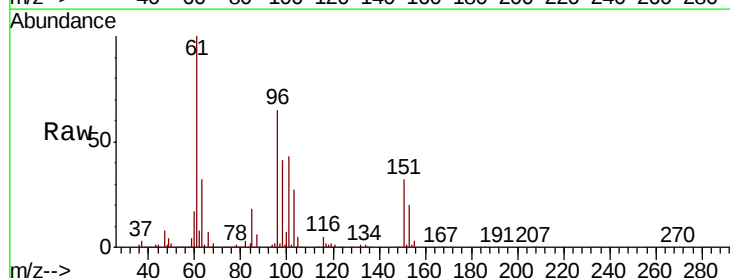
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

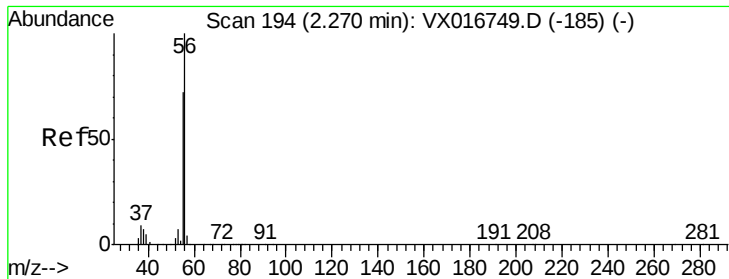
Tot Ion: 59 Resp: 200286
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 54.138 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 96 Resp: 172623
Ion Ratio Lower Upper
96 100
61 155.0 124.1 186.1
98 63.7 52.7 79.1





#13

Acrolein

Concen: 265.025 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

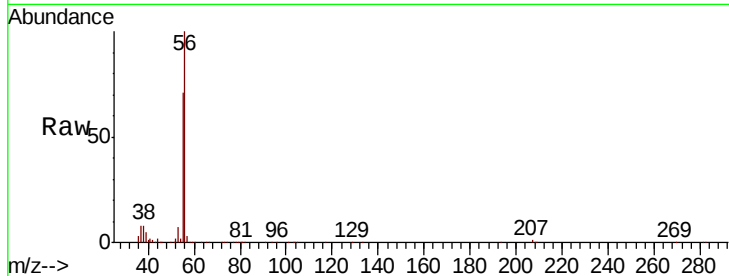
VSTDCCC050

Tot Ion: 56 Resp: 104081

Ion Ratio Lower Upper

56 100

55 73.4 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

80000

60000

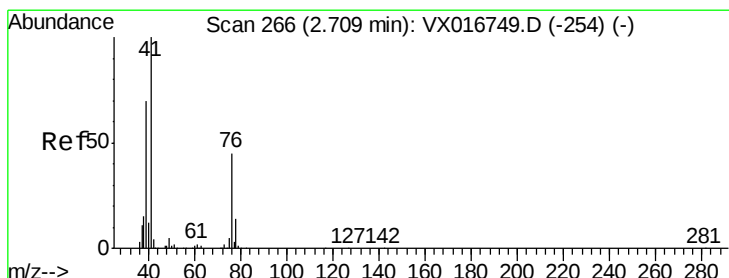
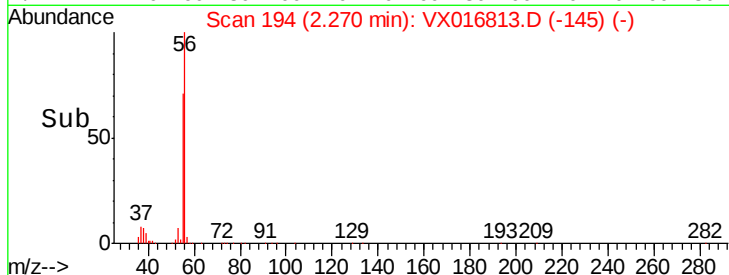
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 48.546 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

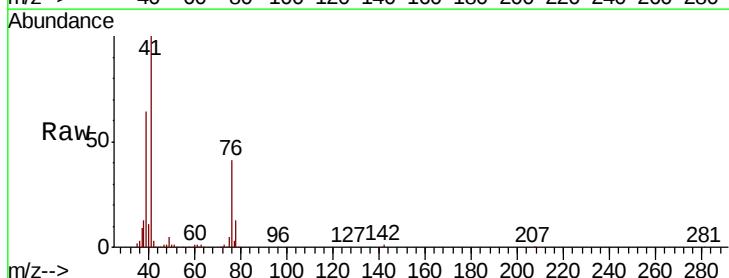
Tgt Ion: 41 Resp: 242096

Ion Ratio Lower Upper

41 100

39 59.5 50.2 75.4

76 37.2 30.4 45.6



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

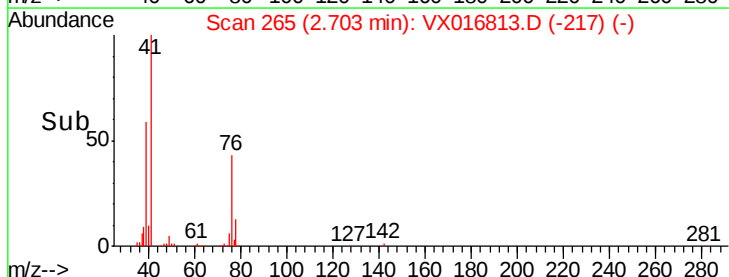
200000

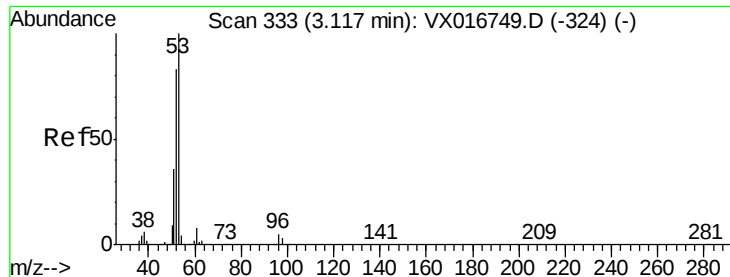
100000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 235.442 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

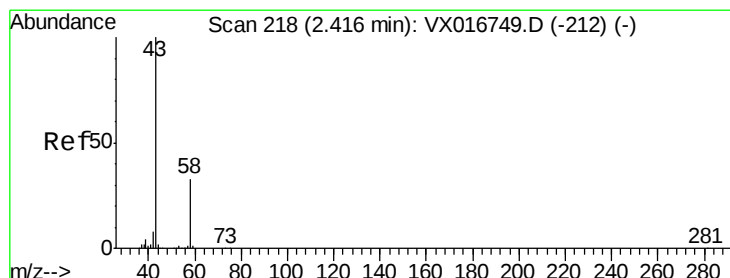
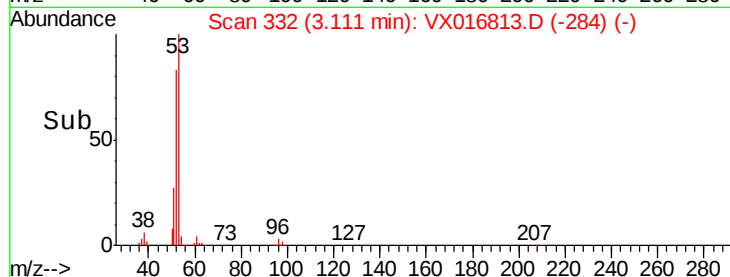
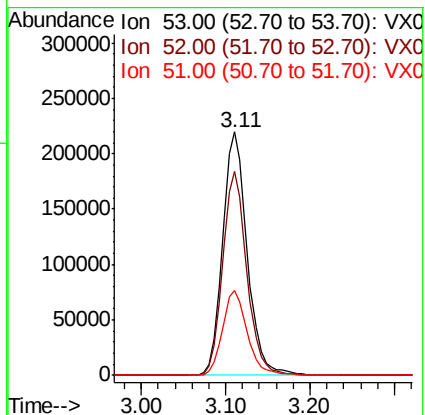
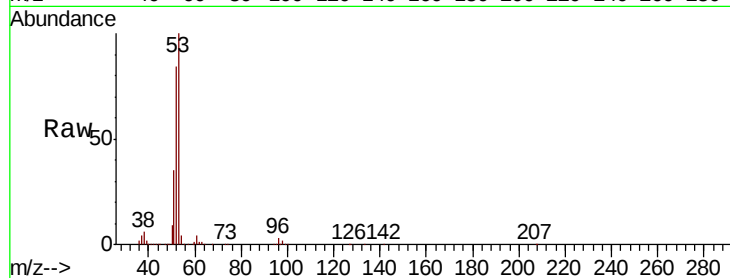
Tot Ion: 53 Resp: 440415

Ion Ratio Lower Upper

53 100

52 82.1 65.5 98.3

51 35.3 28.6 42.8



#16

Acetone

Concen: 259.387 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016813.D

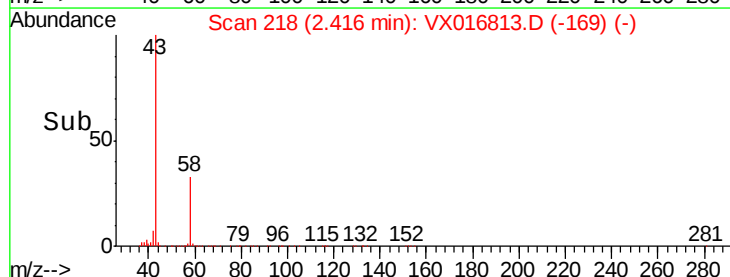
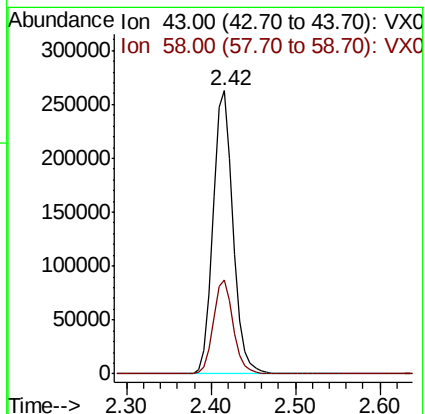
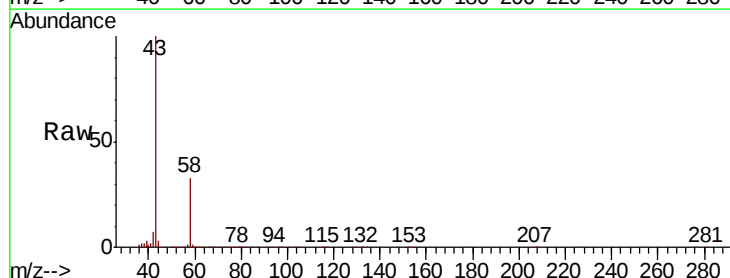
Acq: 17 Jun 2020 12:39

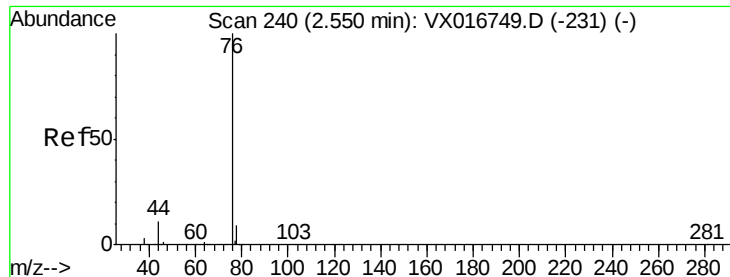
Tgt Ion: 43 Resp: 431750

Ion Ratio Lower Upper

43 100

58 33.3 26.3 39.5

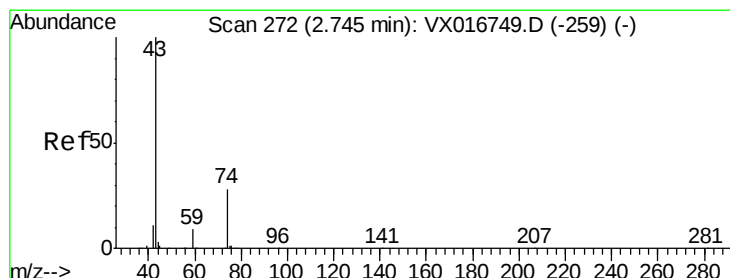
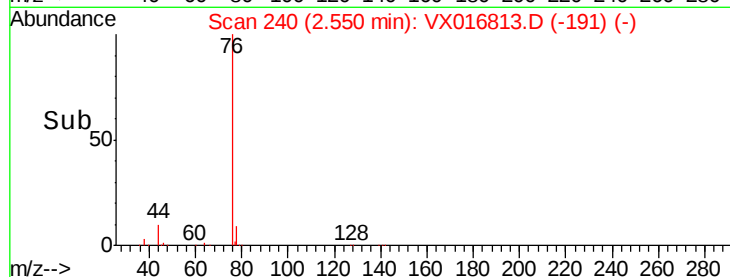
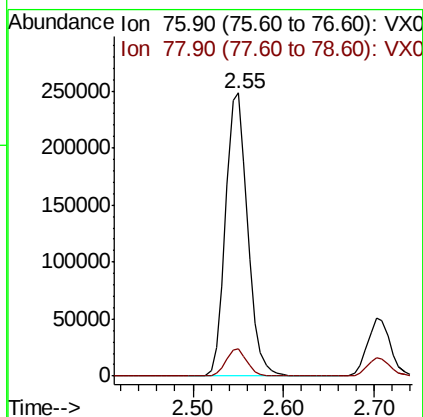
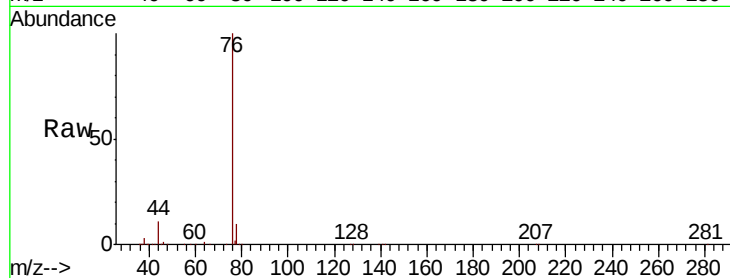




#17
Carbon Disulfide
Concen: 45.831 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

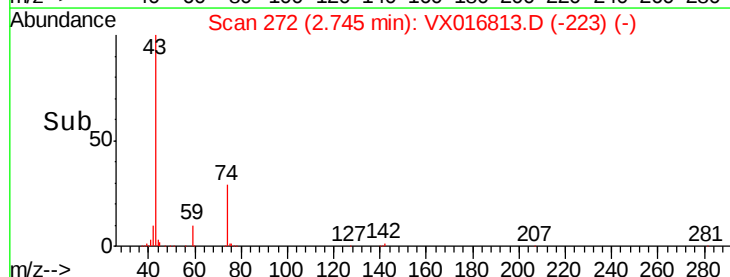
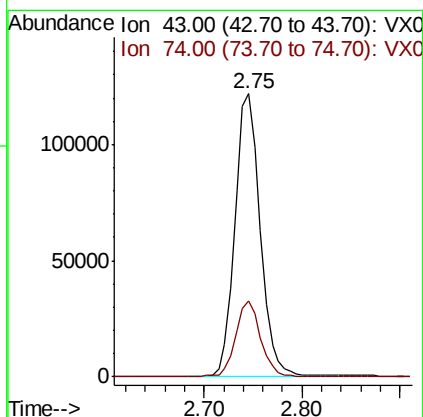
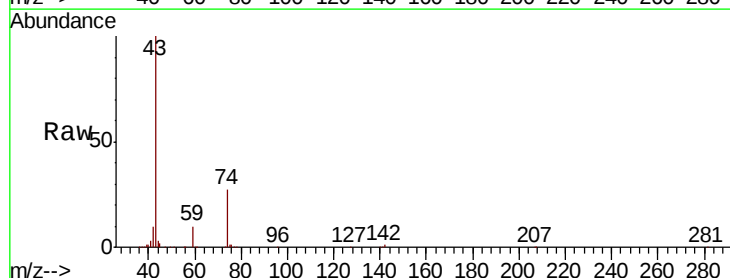
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

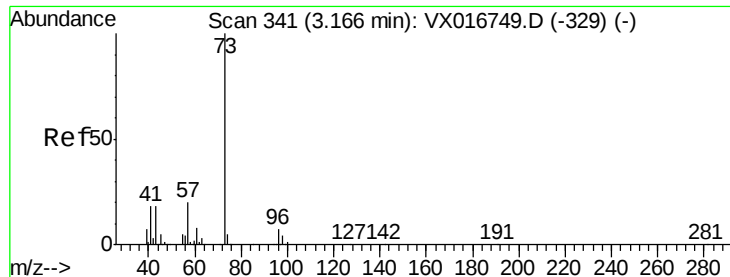
Tot Ion: 76 Resp: 418525
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methyl Acetate
Concen: 49.318 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 43 Resp: 219111
Ion Ratio Lower Upper
43 100
74 26.8 22.4 33.6



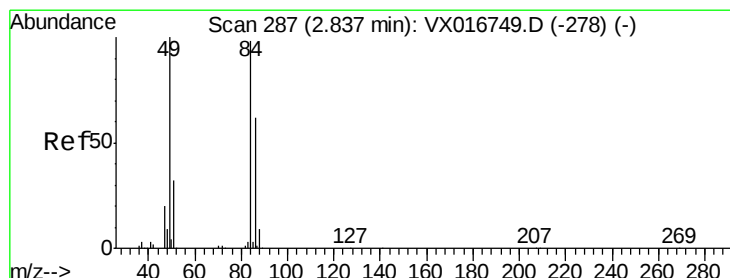
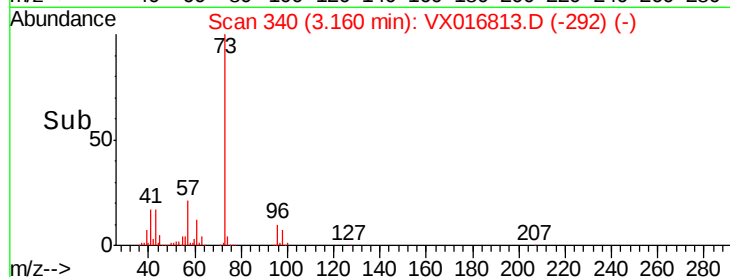
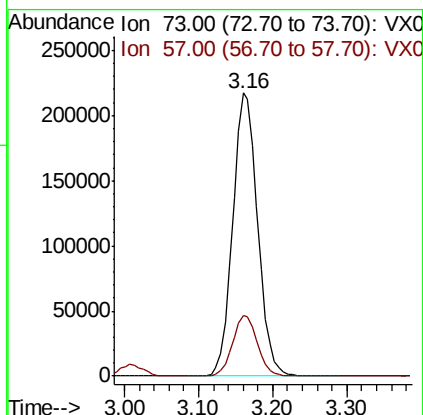
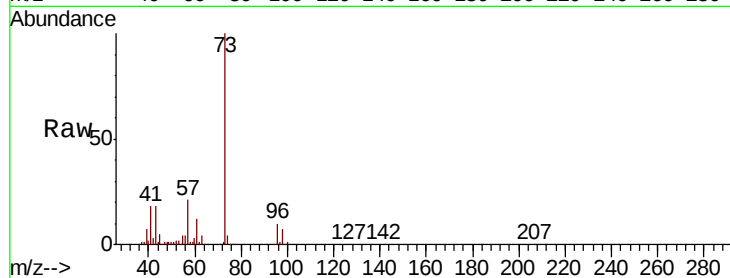


#19

Methyl tert-butyl Ether
 Concen: 46.733 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

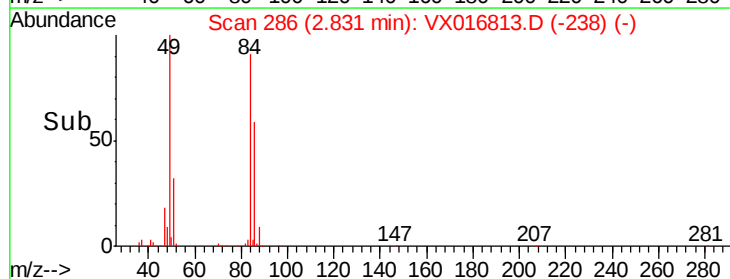
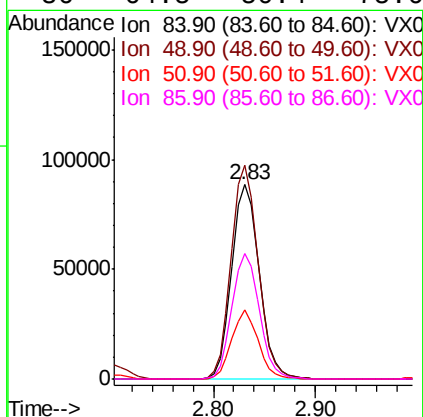
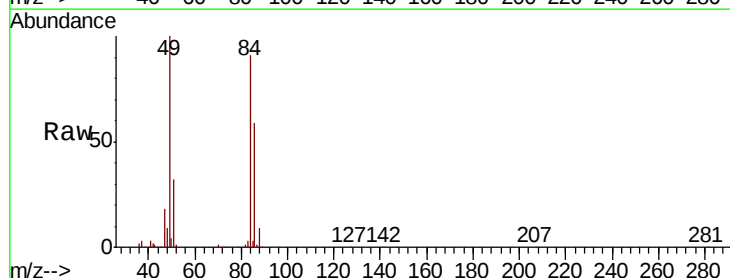
Tot Ion: 73 Resp: 507864
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.2 24.4

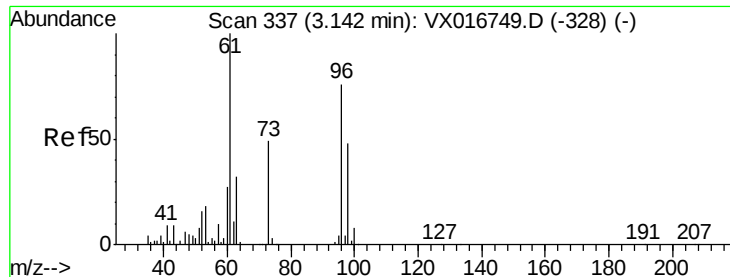


#20

Methylene Chloride
 Concen: 46.247 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion: 84 Resp: 165811
 Ion Ratio Lower Upper
 84 100
 49 109.8 81.8 122.8
 51 35.6 25.8 38.8
 86 64.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 46.552 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

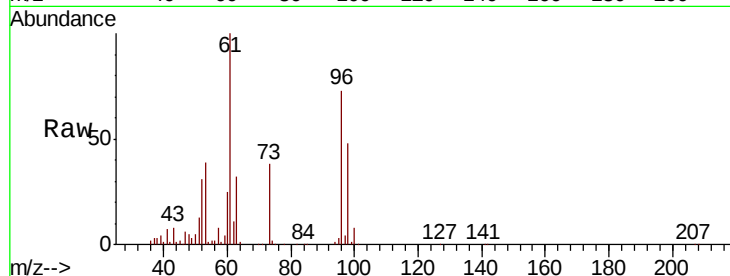
Tot Ion: 96 Resp: 159507

Ion Ratio Lower Upper

96 100

61 136.5 105.4 158.2

98 65.3 50.8 76.2

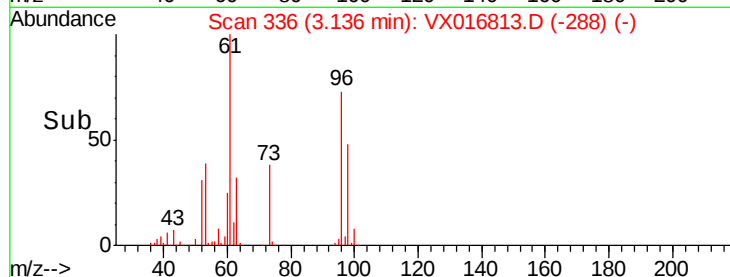


Abundance Ion 95.90 (95.60 to 96.60): VX0
150000
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

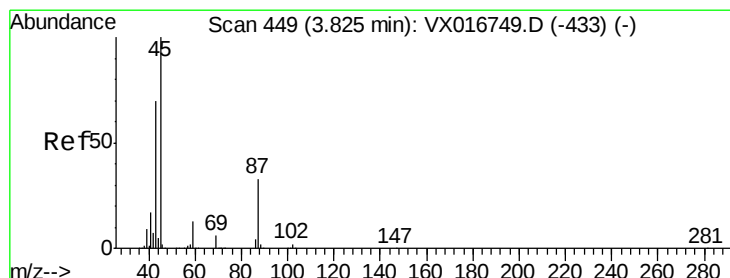
100000

3.14

50000



Time--> 3.00 3.10 3.20



#22

Diisopropyl ether

Concen: 49.150 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion: 45 Resp: 460399

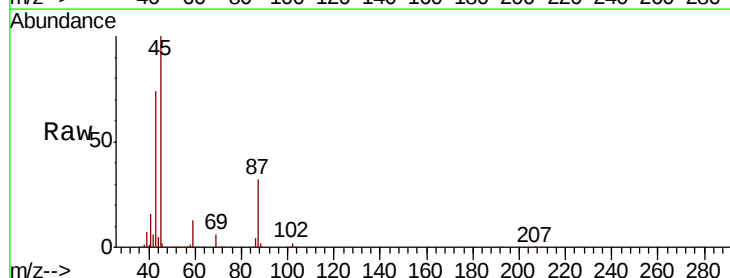
Ion Ratio Lower Upper

45 100

43 74.2 56.2 84.4

87 32.0 26.2 39.4

59 12.8 10.3 15.5



Abundance Ion 45.00 (44.70 to 45.70): VX0
1200000
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

1000000

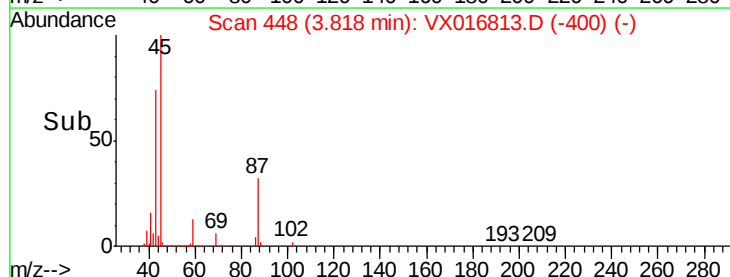
3.82

800000

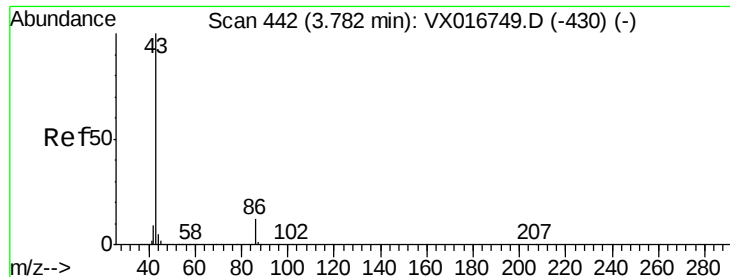
600000

400000

200000



Time--> 3.60 3.70 3.80 3.90 4.00



#23

Vinyl Acetate

Concen: 243.427 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

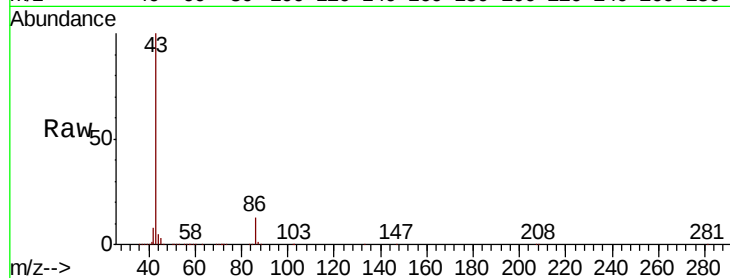
VSTDCCC050

Tot Ion: 43 Resp: 1970866

Ion Ratio Lower Upper

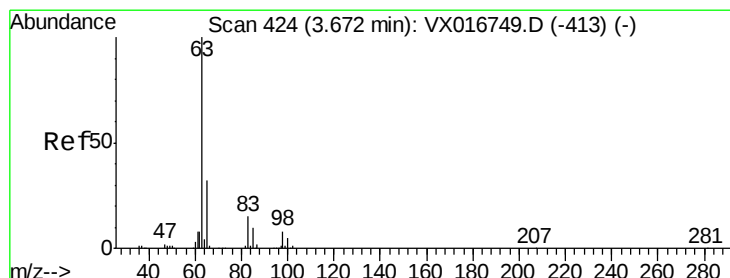
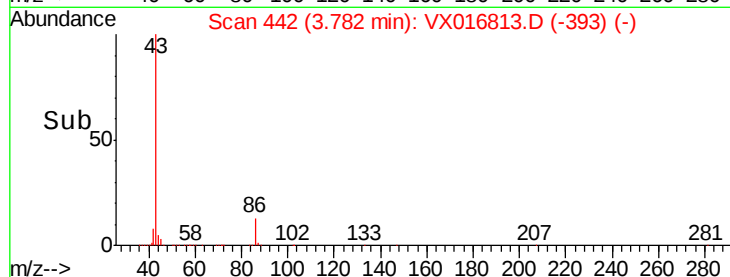
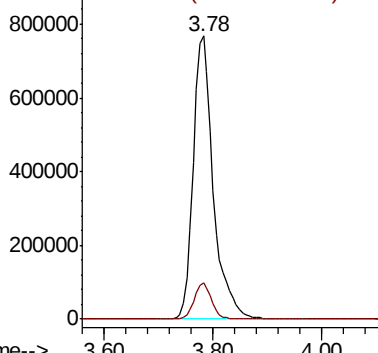
43 100

86 12.7 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.719 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

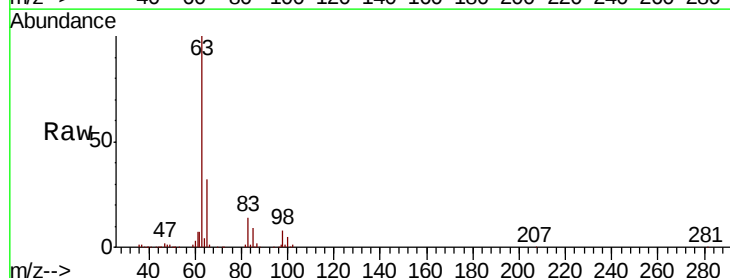
Tgt Ion: 63 Resp: 273712

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

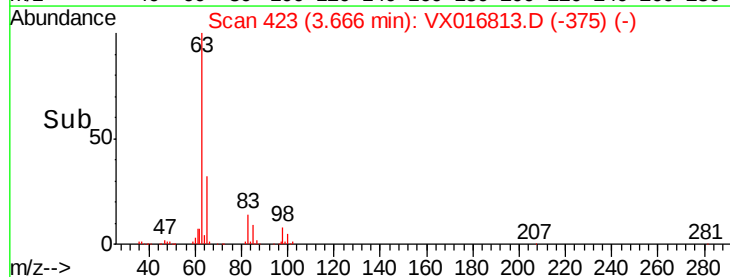
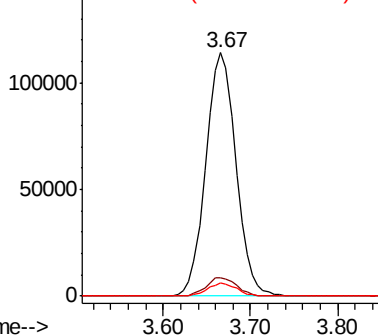
100 5.3 2.3 6.9

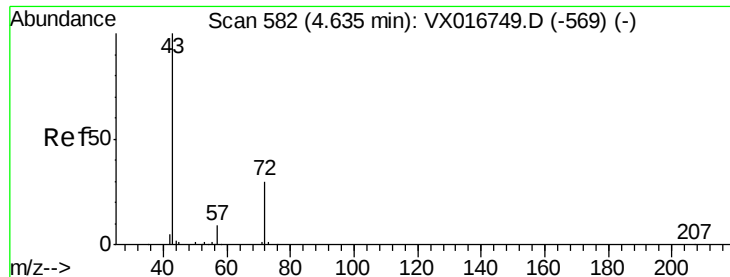


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 233.413 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

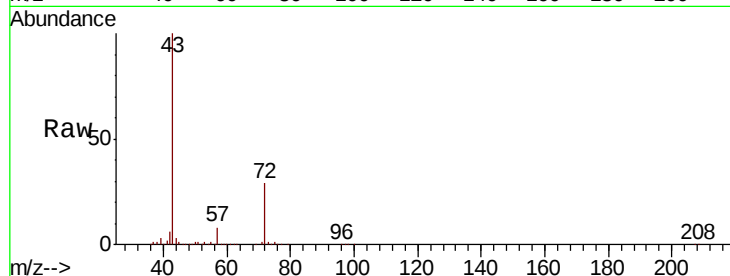
VSTDCCC050

Tot Ion: 43 Resp: 585534

Ion Ratio Lower Upper

43 100

72 28.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

200000

150000

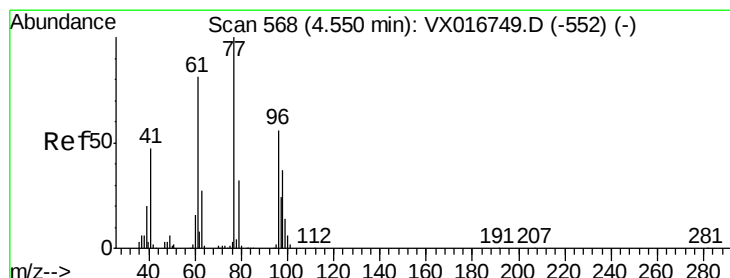
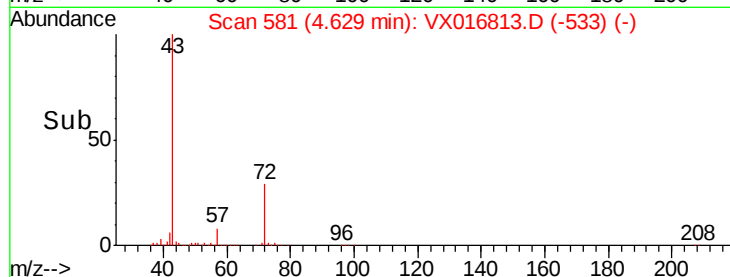
100000

50000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 47.297 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016813.D

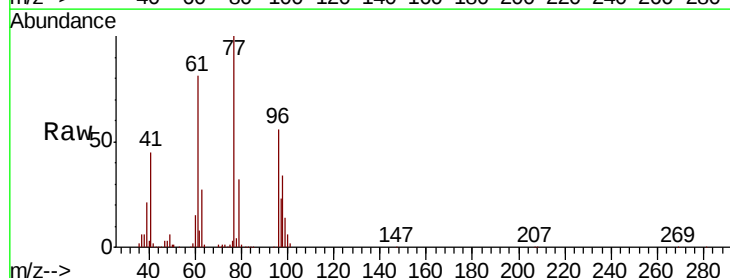
Acq: 17 Jun 2020 12:39

Tgt Ion: 77 Resp: 256580

Ion Ratio Lower Upper

77 100

97 23.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

100000

80000

60000

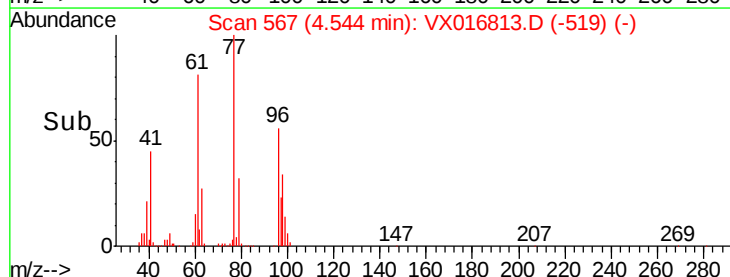
40000

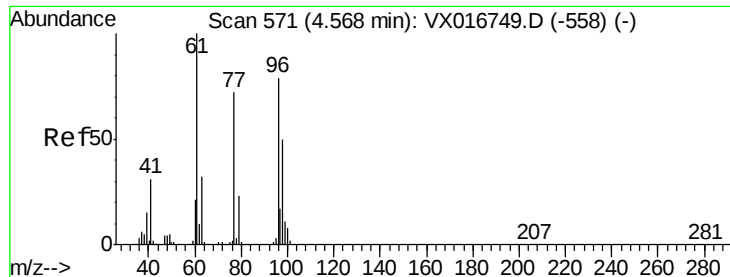
20000

0

4.40 4.50 4.60 4.70

Time-->



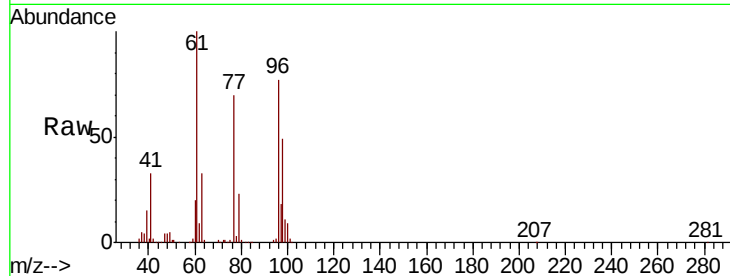


#27

cis-1,2-Dichloroethene
 Concen: 46.675 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	276.2
98	64.3	0.0	130.0

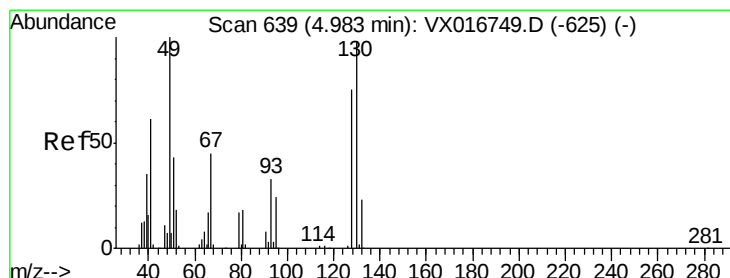
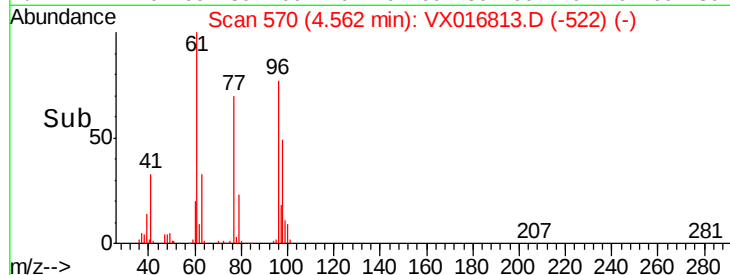
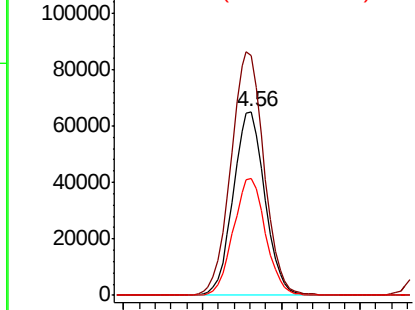


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

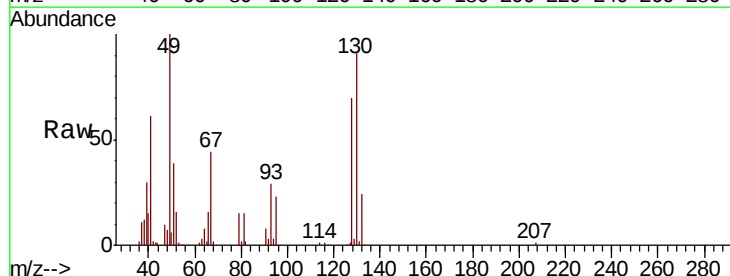
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 46.506 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.8
130	94.1	76.0	114.0

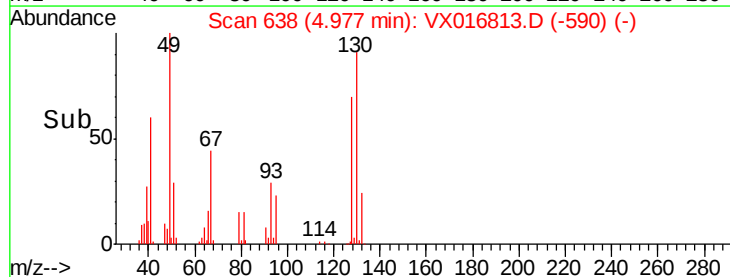
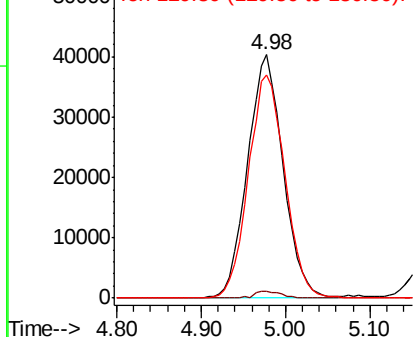


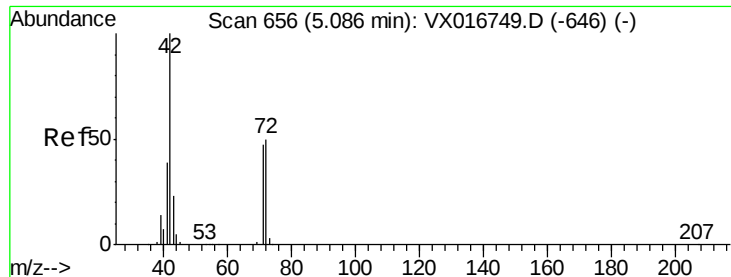
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 236.547 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

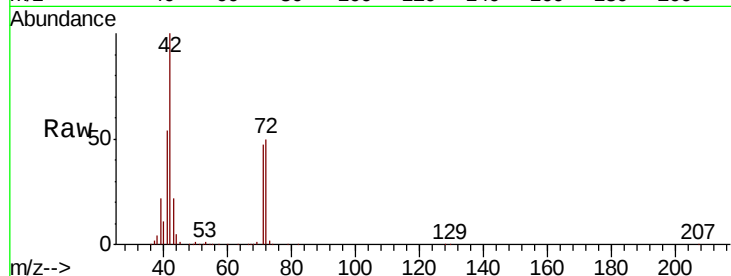
Tot Ion: 42 Resp: 384409

Ion Ratio Lower Upper

42 100

72 50.6 41.0 61.6

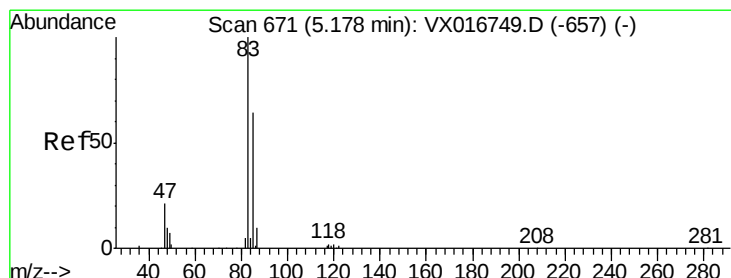
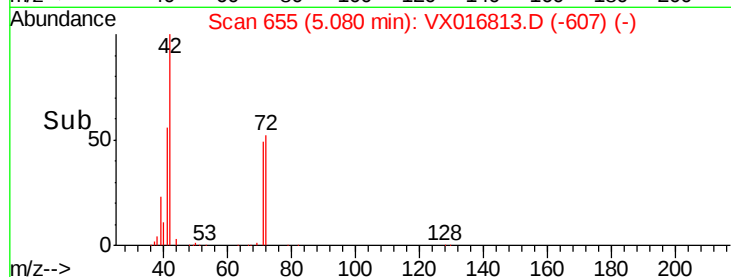
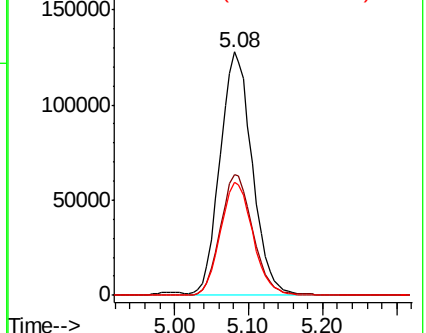
71 46.8 38.2 57.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 46.297 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016813.D

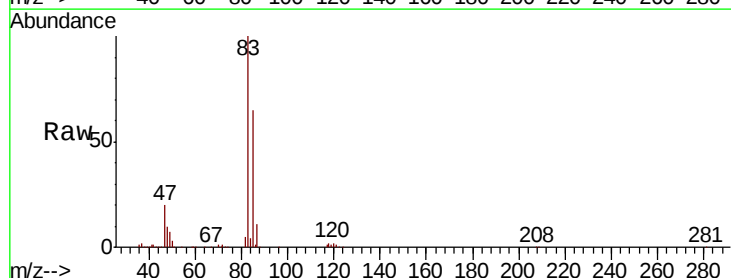
Acq: 17 Jun 2020 12:39

Tgt Ion: 83 Resp: 286960

Ion Ratio Lower Upper

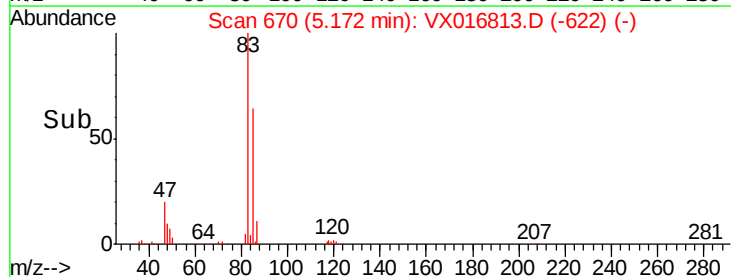
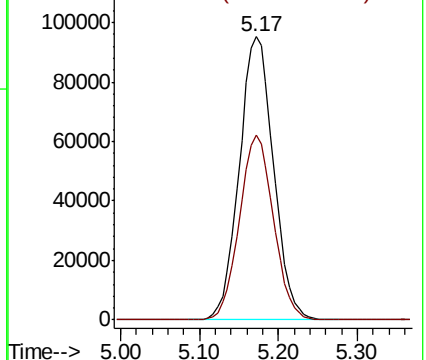
83 100

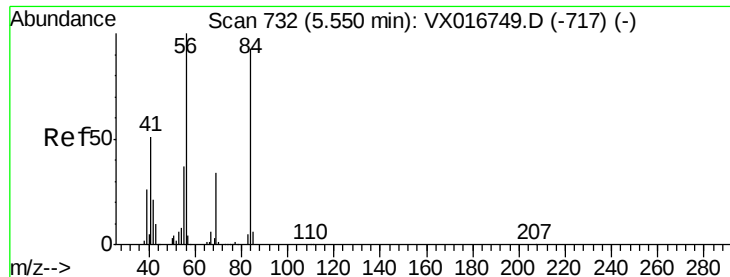
85 65.3 50.8 76.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

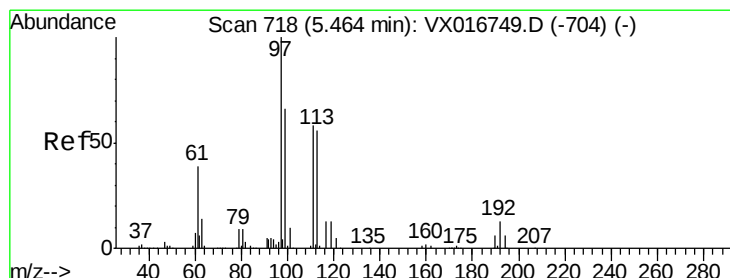
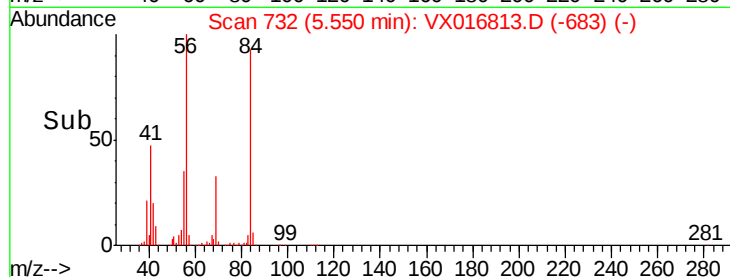
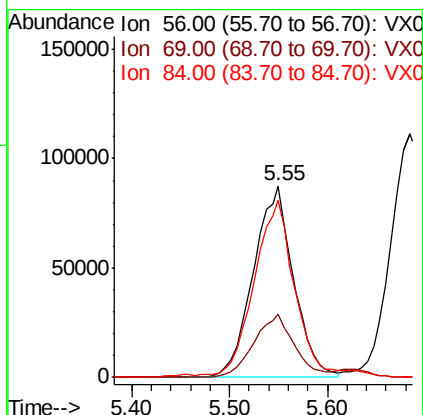
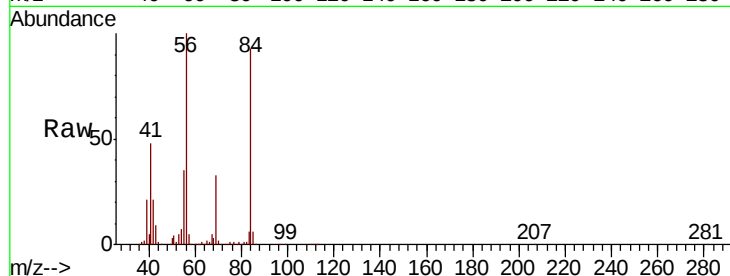




#31
Cyclohexane
Concen: 52.974 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

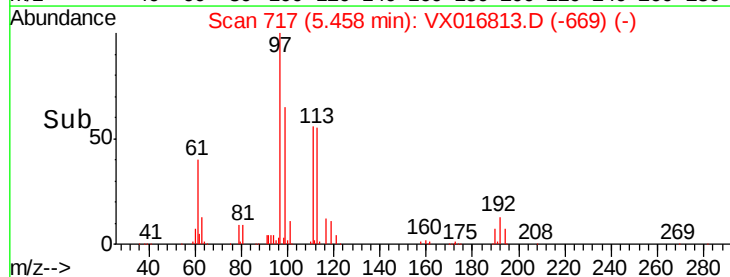
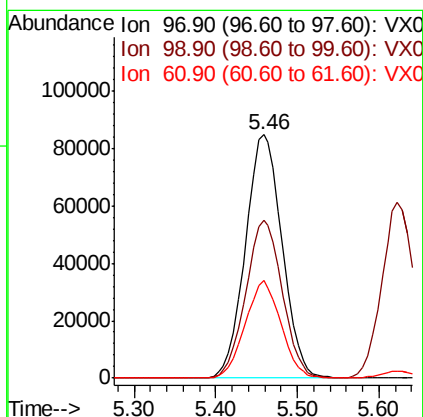
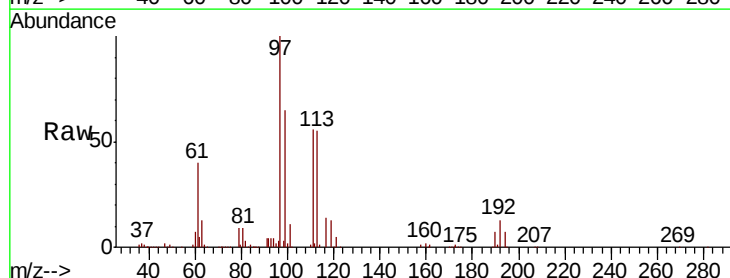
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

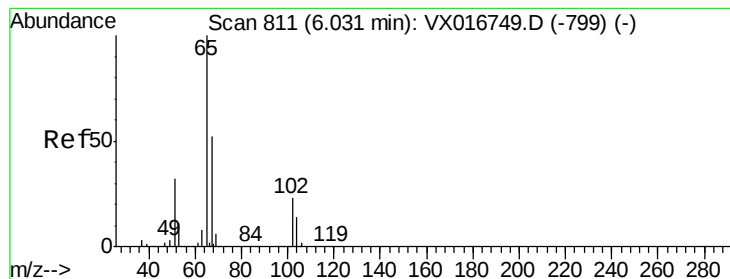
Tot Ion: 56 Resp: 250112
Ion Ratio Lower Upper
56 100
69 33.1 27.1 40.7
84 91.5 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 47.260 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 97 Resp: 265808
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 39.2 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 44.604 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

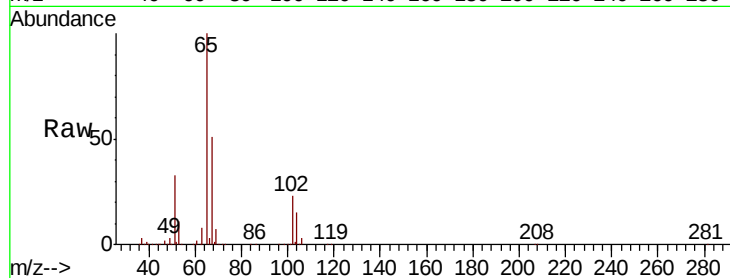
VSTDCCC050

Tot Ion: 65 Resp: 163646

Ion Ratio Lower Upper

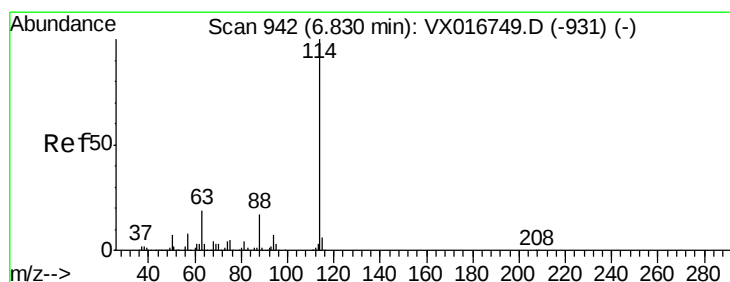
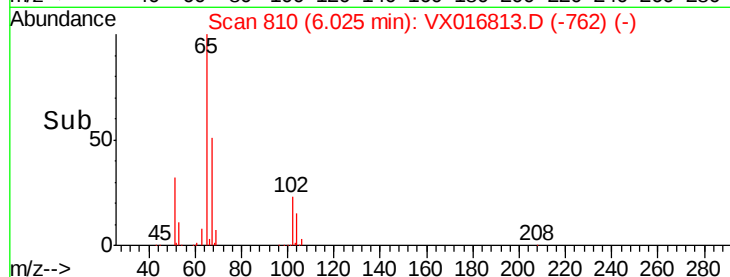
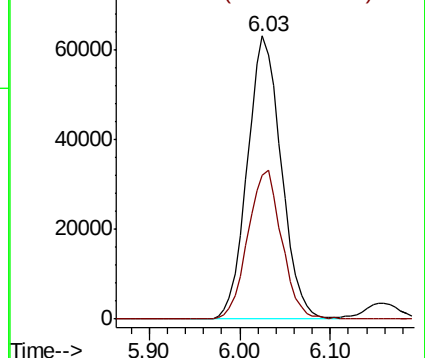
65 100

67 52.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

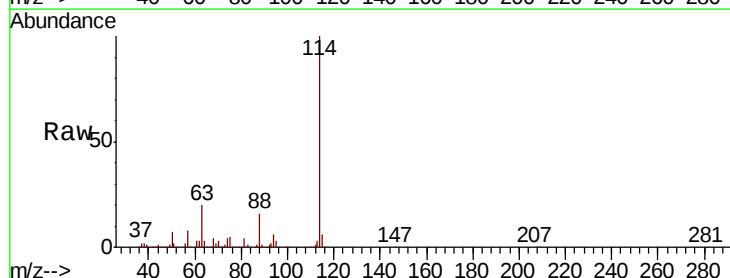
Tgt Ion: 114 Resp: 556420

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

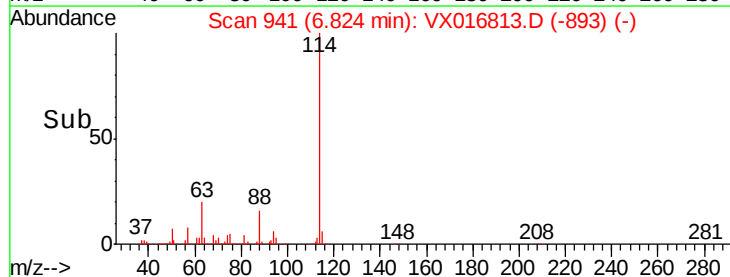
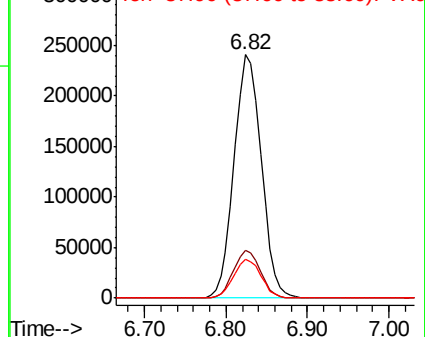
88 16.1 0.0 33.4

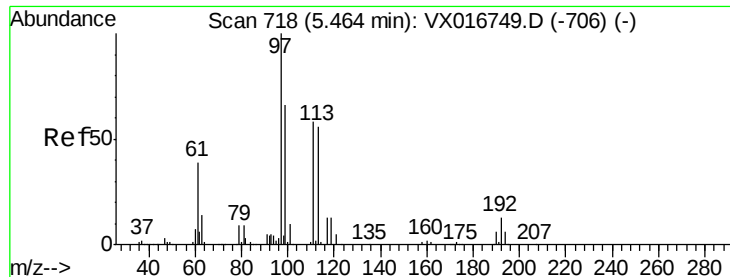


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 40.635 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

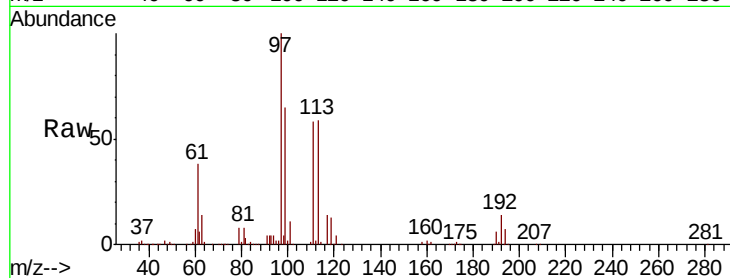
Tot Ion:113 Resp: 139501

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.6

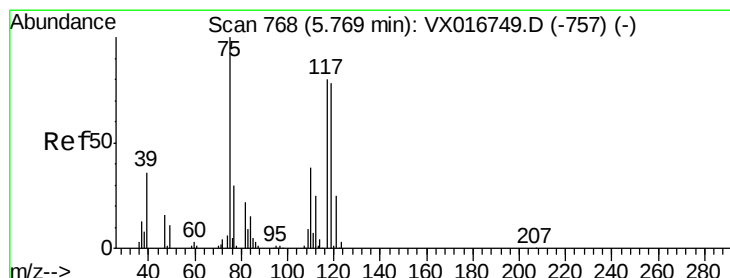
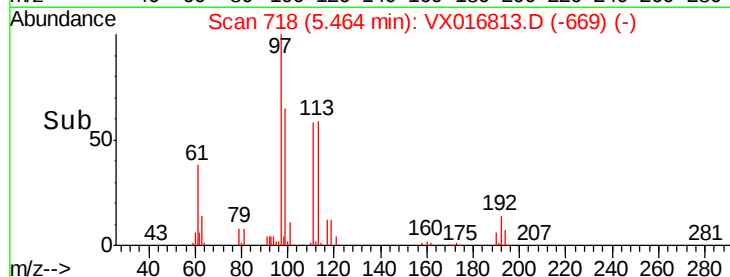
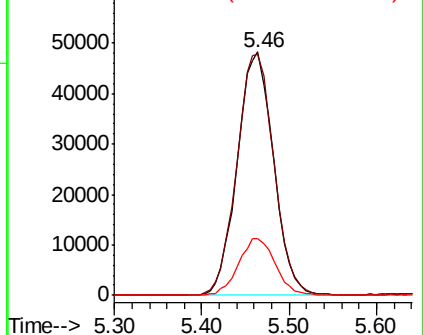
192 23.7 18.2 27.4



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: 44.780 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

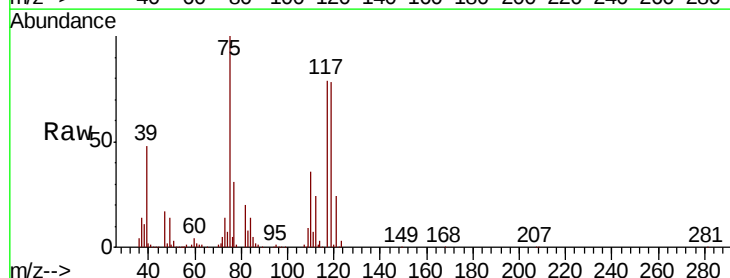
Tgt Ion: 75 Resp: 220192

Ion Ratio Lower Upper

75 100

110 36.6 18.4 55.2

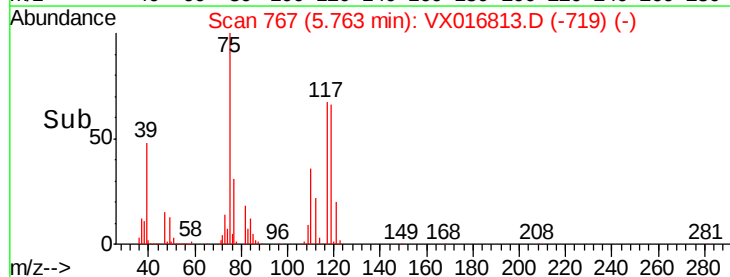
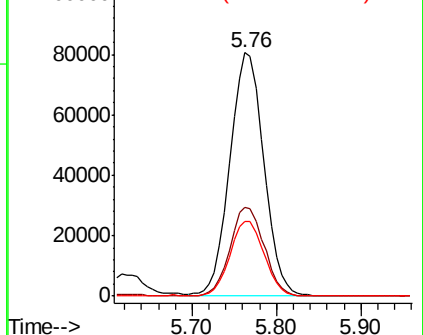
77 31.2 24.7 37.1

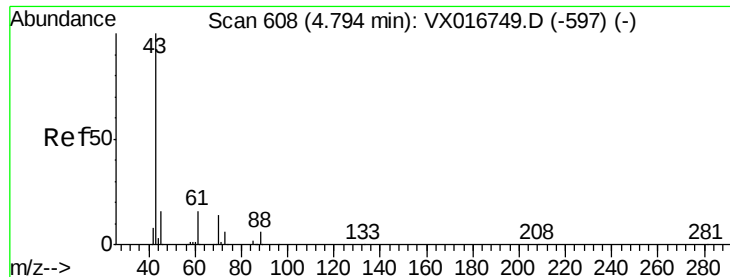


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

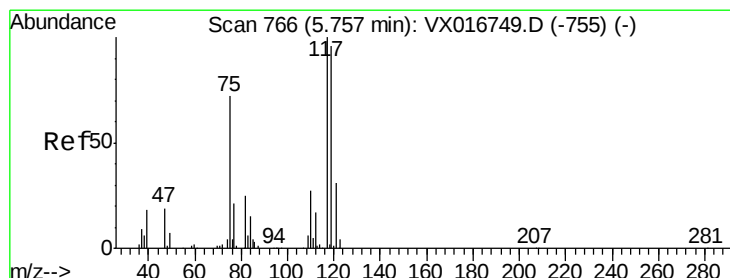
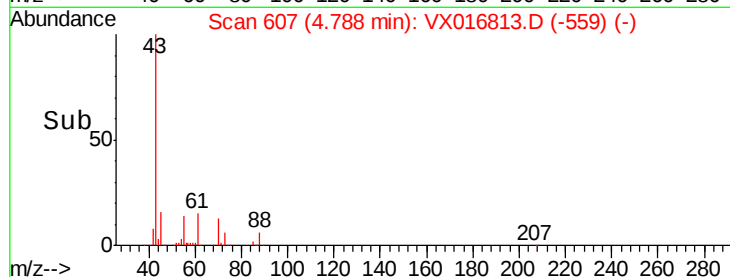
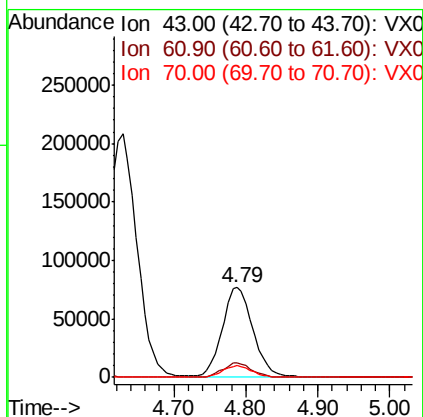
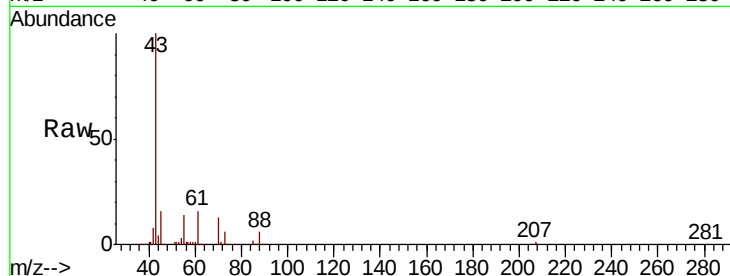




#37
Ethyl Acetate
Concen: 42.294 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

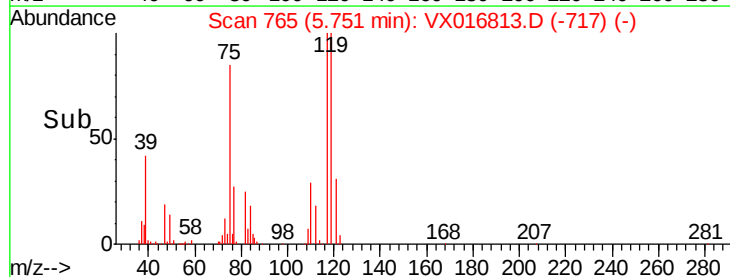
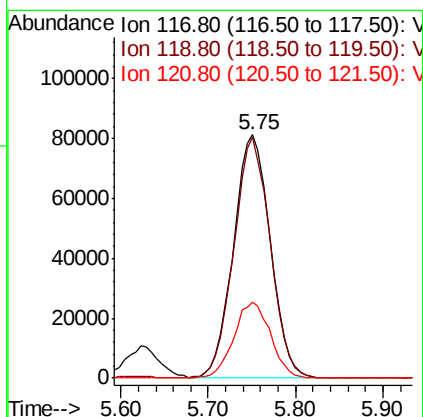
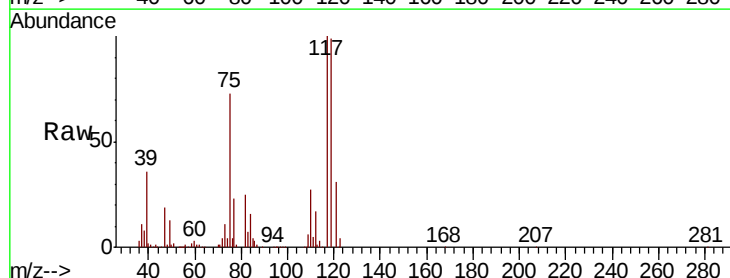
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

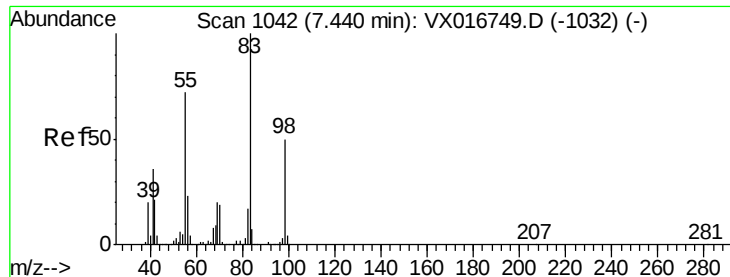
Tot Ion: 43 Resp: 227753
Ion Ratio Lower Upper
43 100
61 15.6 12.4 18.6
70 12.8 10.8 16.2



#38
Carbon Tetrachloride
Concen: 42.707 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 117 Resp: 238497
Ion Ratio Lower Upper
117 100
119 98.7 76.7 115.1
121 31.4 24.7 37.1

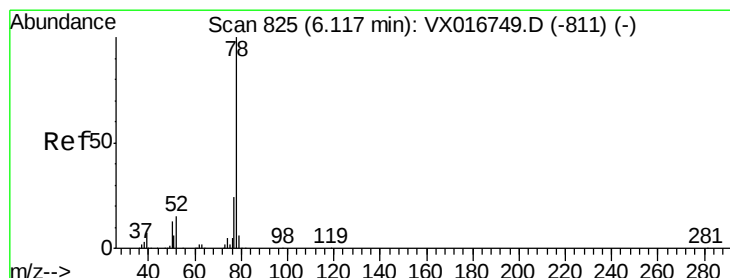
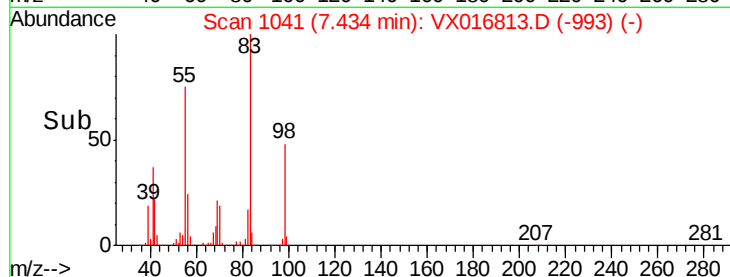
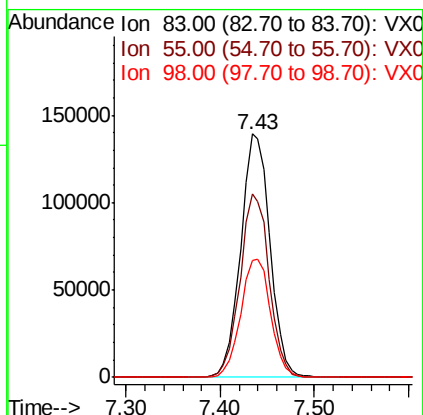
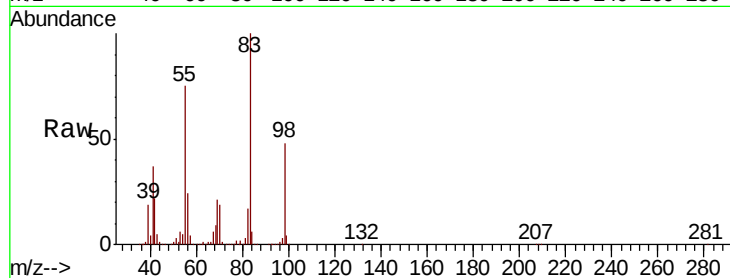




#39
Methvlcvclohexane
Concen: 53.008 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

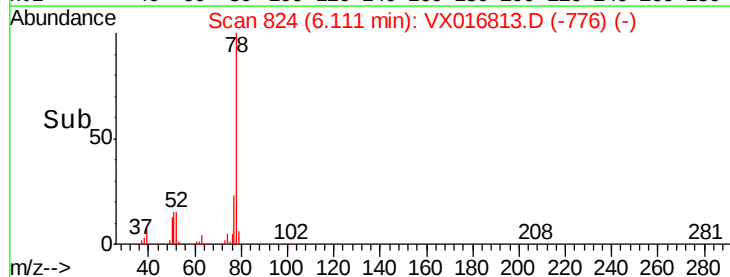
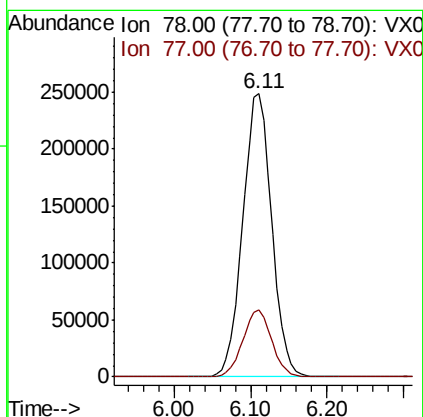
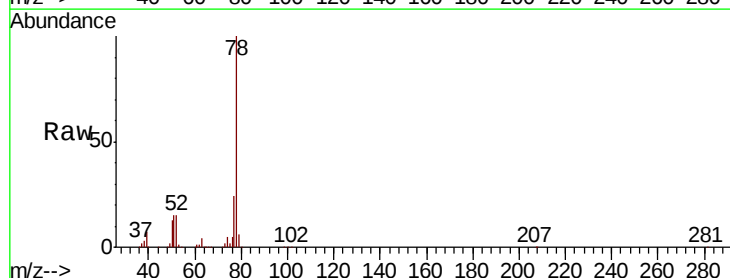
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

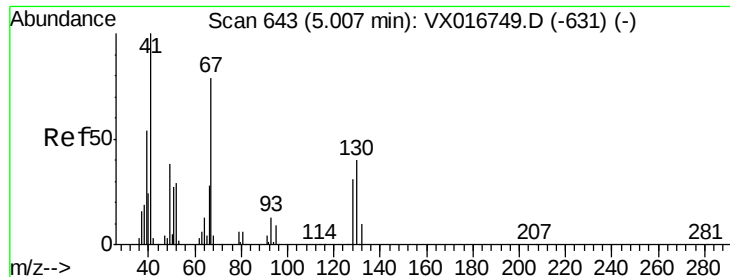
Tot Ion: 83 Resp: 302585
Ion Ratio Lower Upper
83 100
55 75.2 57.3 85.9
98 47.8 40.3 60.5



#40
Benzene
Concen: 43.714 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 78 Resp: 654453
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

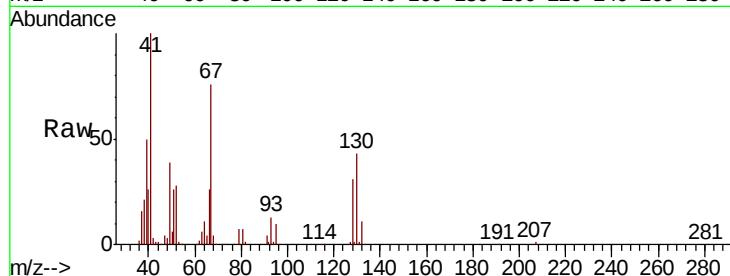




#41
Methacrylonitrile
Concen: 43.805 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	125775
Ion	Ratio	Lower	Upper
41	100		
39	51.0	43.7	65.5
67	78.2	64.6	96.8
52	29.4	25.6	38.4



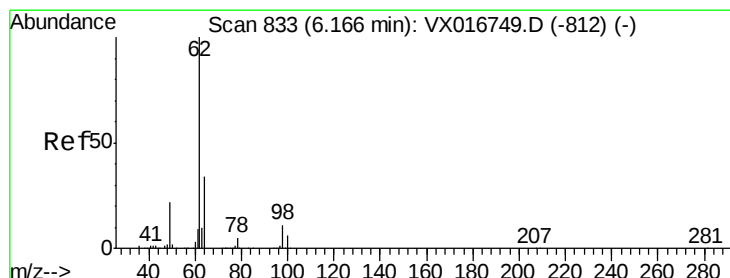
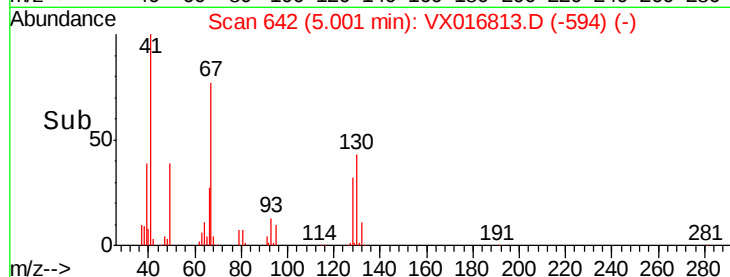
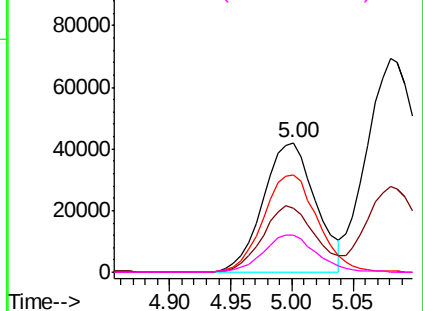
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

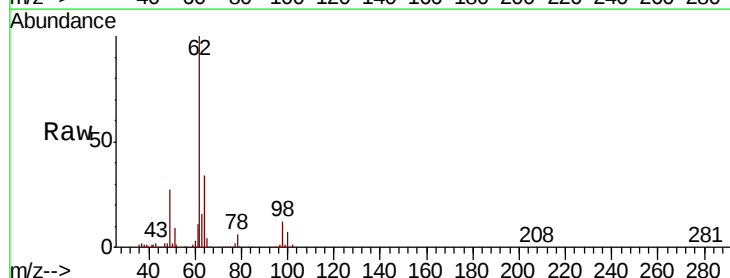
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 40.174 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

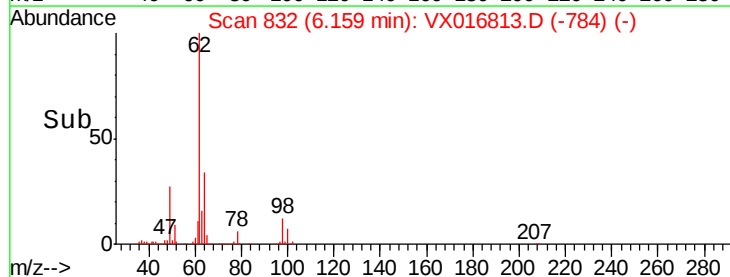
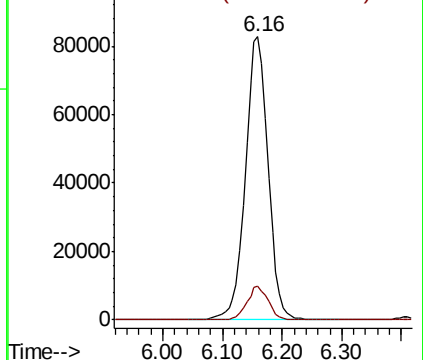
Tgt Ion:	62	Resp:	219523
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.2

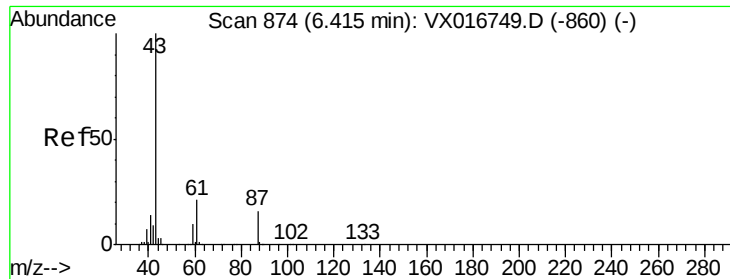


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 43.662 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

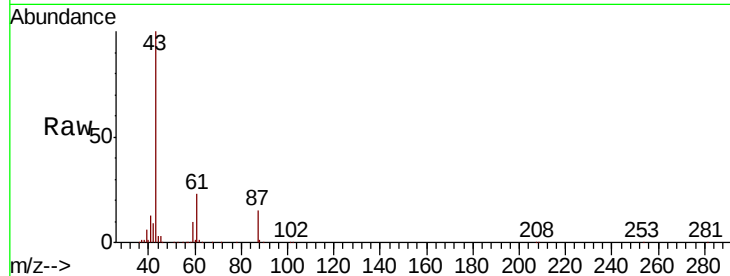
Tot Ion: 43 Resp: 368494

Ion Ratio Lower Upper

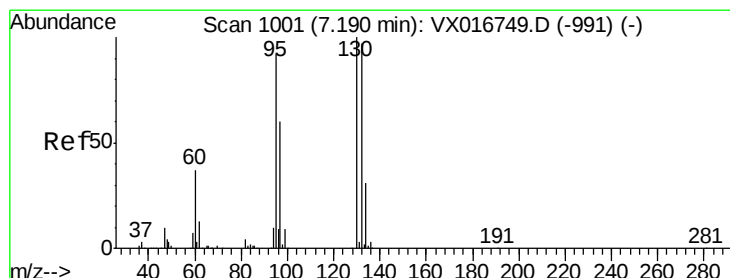
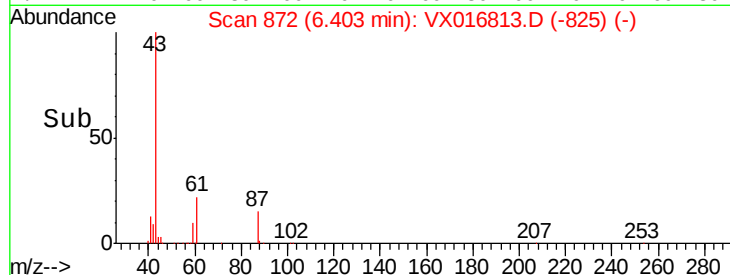
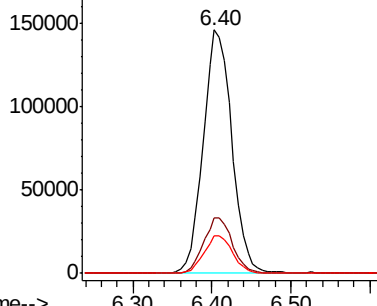
43 100

61 22.8 17.7 26.5

87 15.6 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 52.639 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016813.D

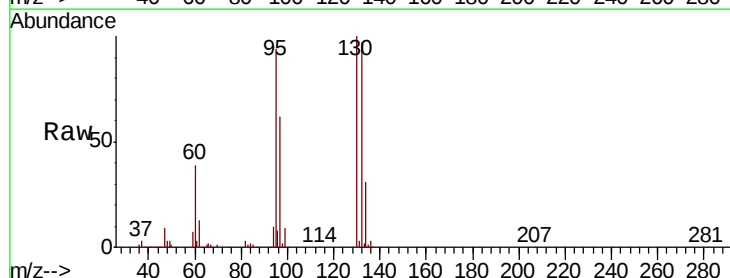
Acq: 17 Jun 2020 12:39

Tgt Ion:130 Resp: 243773

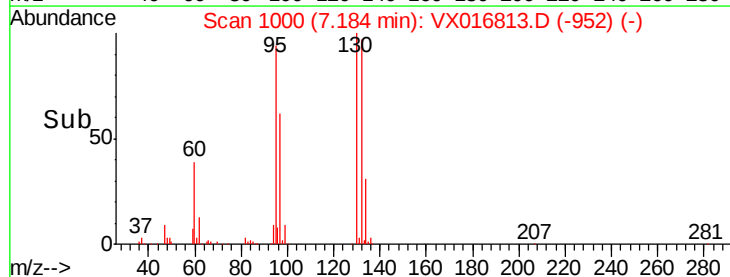
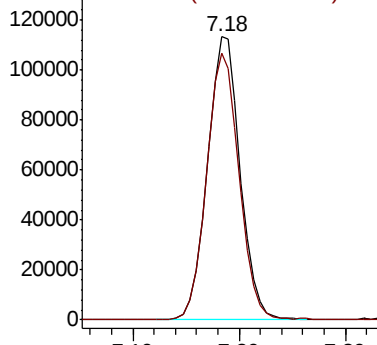
Ion Ratio Lower Upper

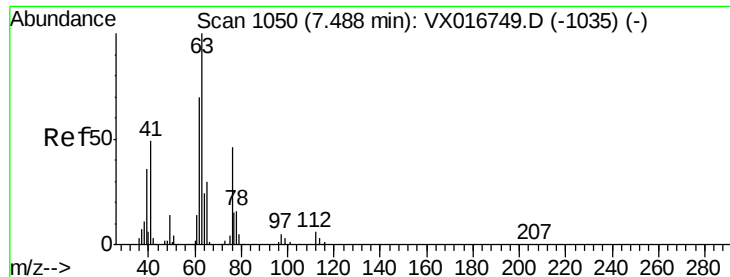
130 100

95 94.2 0.0 183.6



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





#45

1,2-Dichloropropane

Concen: 52.707 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

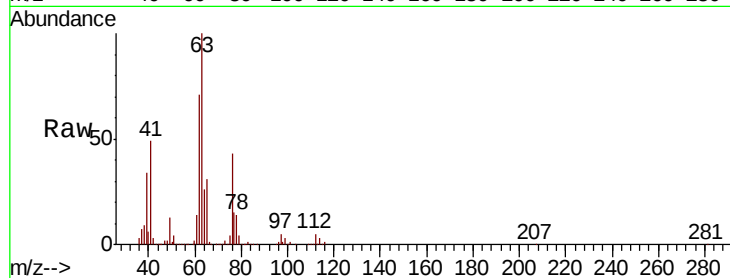
VSTDCCC050

Tot Ion: 63 Resp: 193435

Ion Ratio Lower Upper

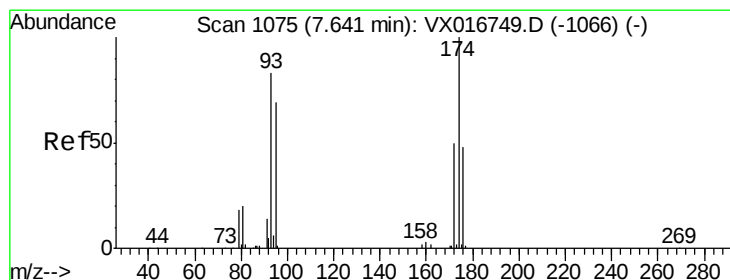
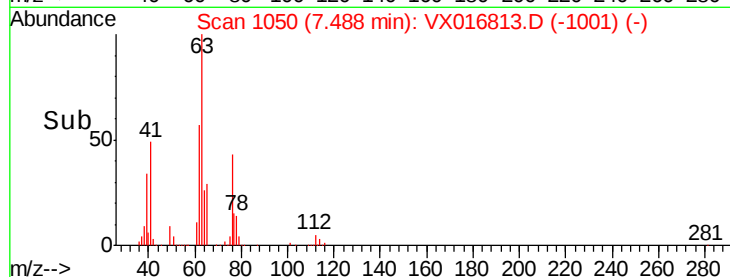
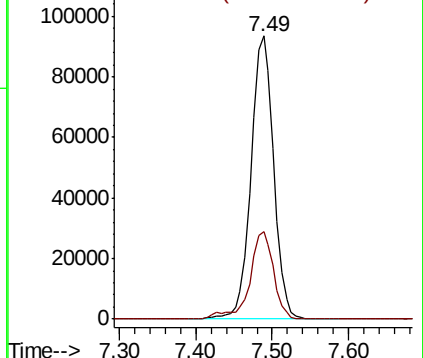
63 100

65 30.8 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.980 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

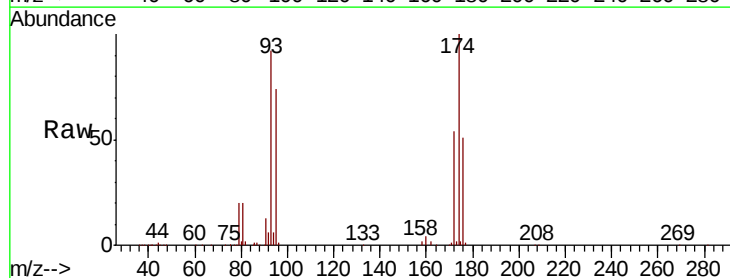
Tgt Ion: 93 Resp: 131016

Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

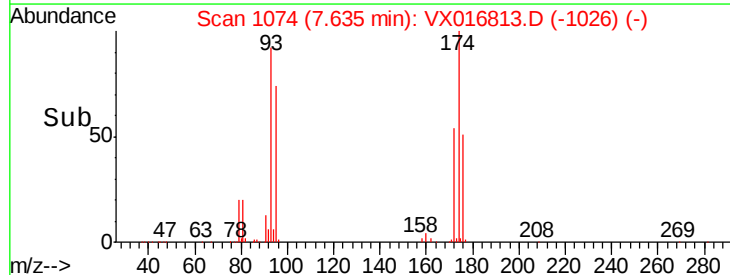
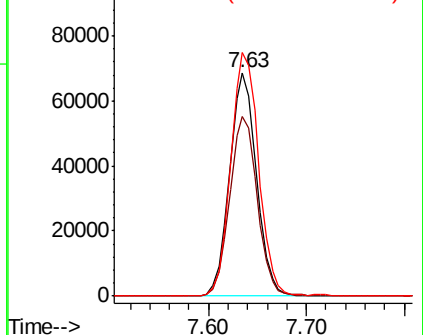
174 112.7 93.8 140.8

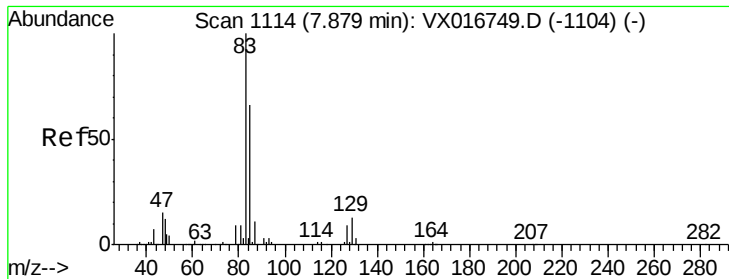


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.641 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

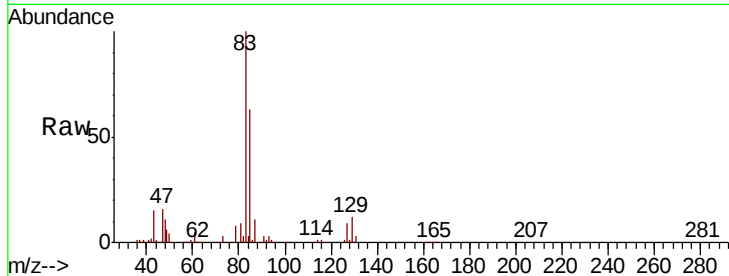
Tot Ion: 83 Resp: 271248

Ion Ratio Lower Upper

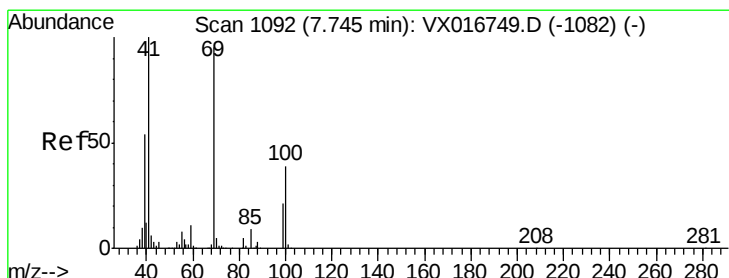
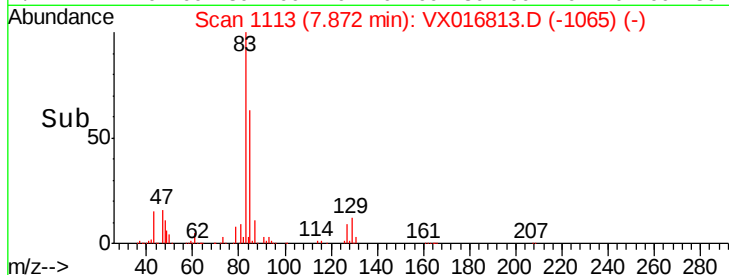
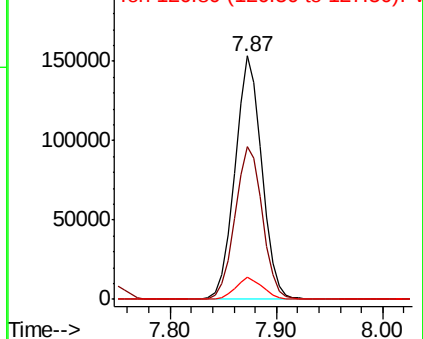
83 100

85 62.6 52.5 78.7

127 9.0 7.5 11.3



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



#48

Methyl methacrylate

Concen: 52.339 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

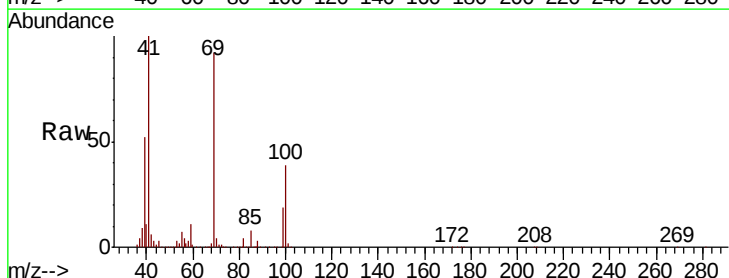
Tgt Ion: 41 Resp: 209360

Ion Ratio Lower Upper

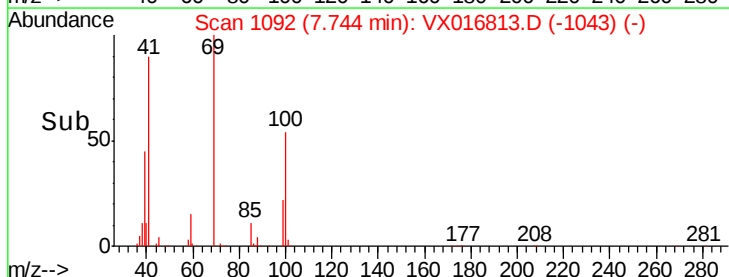
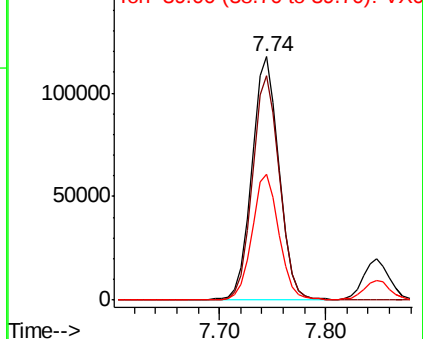
41 100

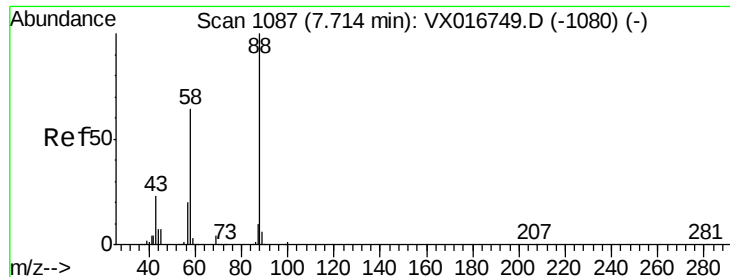
69 92.7 75.0 112.6

39 51.4 44.3 66.5



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

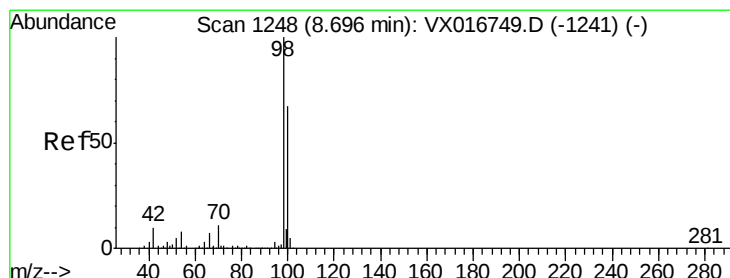
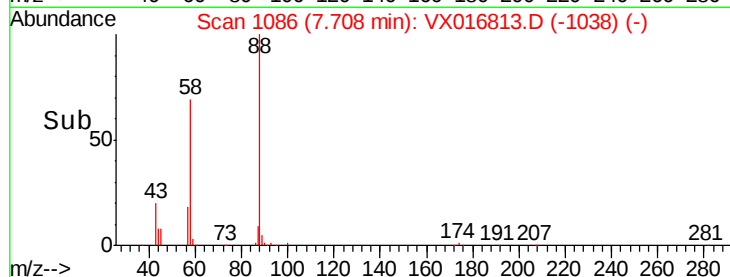
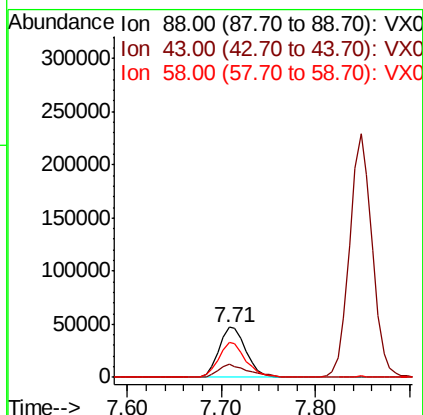
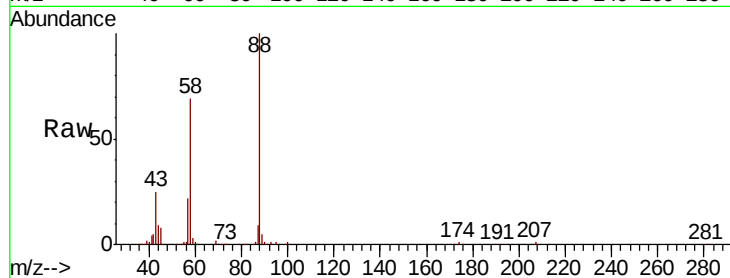




#49
1,4-Dioxane
Concen: 953.549 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

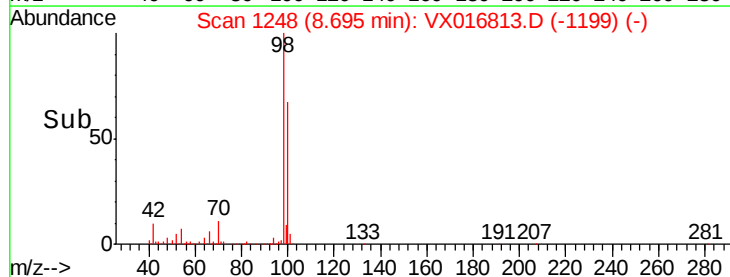
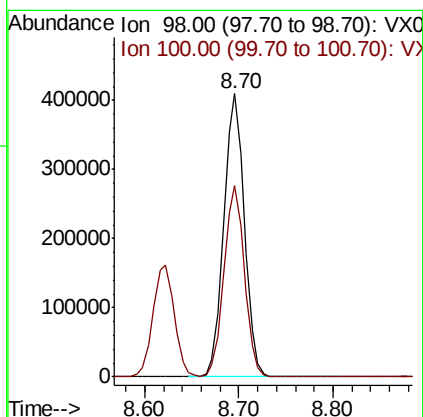
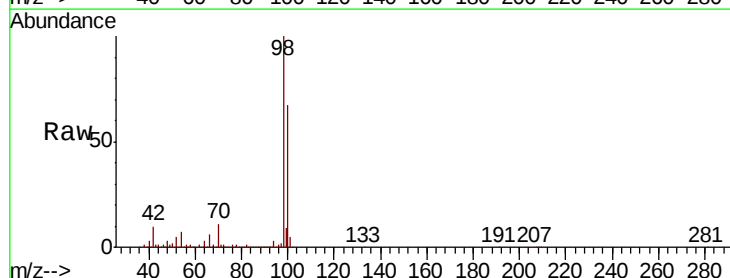
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

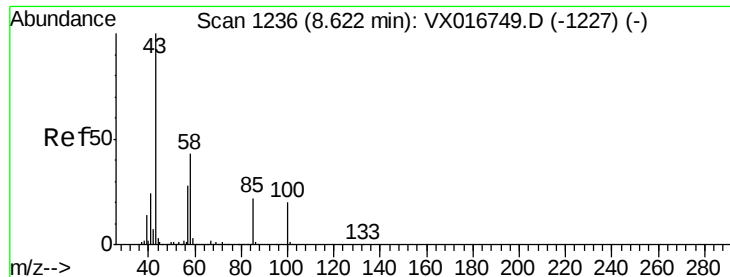
Tot Ion: 88 Resp: 94393
Ion Ratio Lower Upper
88 100
43 28.9 22.9 34.3
58 69.0 53.7 80.5



#50
Toluene-d8
Concen: 48.930 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 98 Resp: 619382
Ion Ratio Lower Upper
98 100
100 67.1 53.9 80.9





#51

4-Methyl-2-Pentanone

Concen: 264.320 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

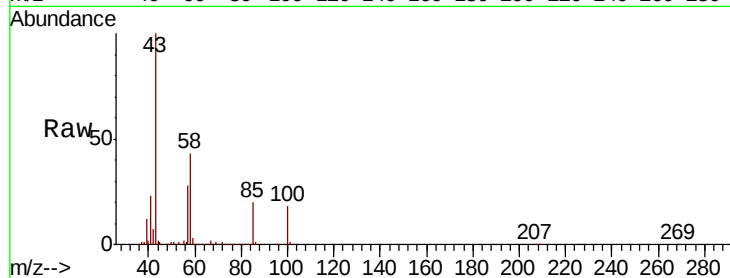
VSTDCCC050

Tot Ion: 43 Resp: 1374632

Ion Ratio Lower Upper

43 100

58 43.0 34.6 52.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

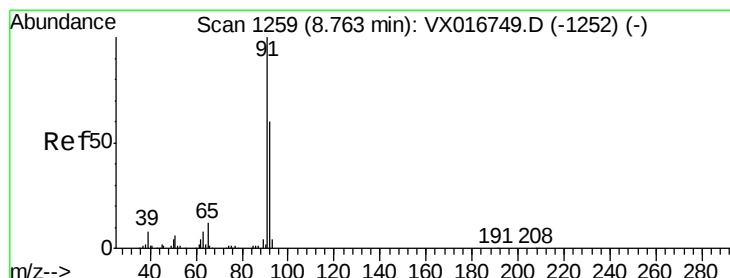
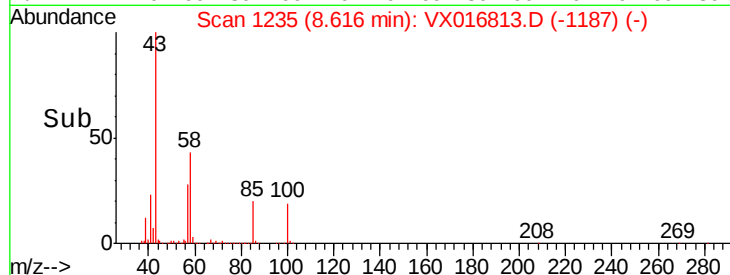
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.366 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016813.D

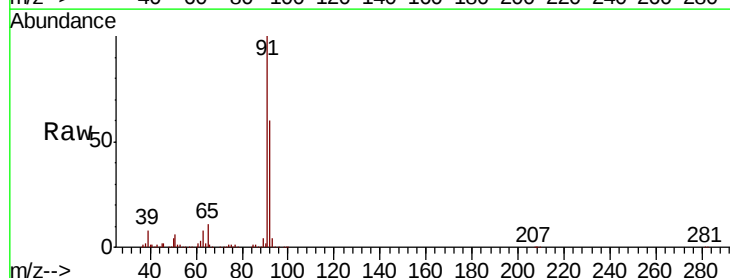
Acq: 17 Jun 2020 12:39

Tgt Ion: 92 Resp: 489794

Ion Ratio Lower Upper

92 100

91 167.8 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

600000

500000

400000

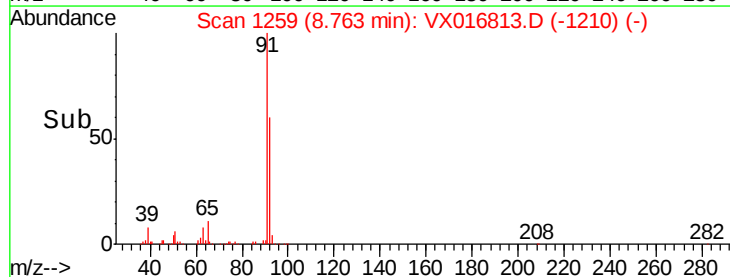
300000

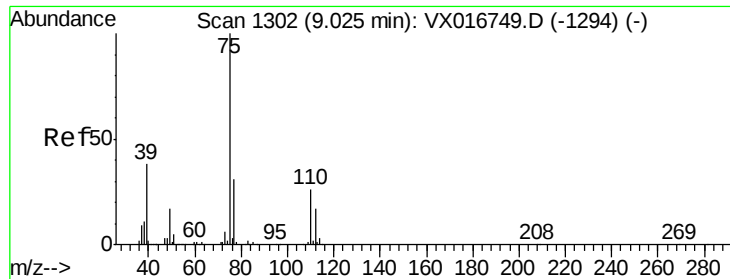
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.637 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

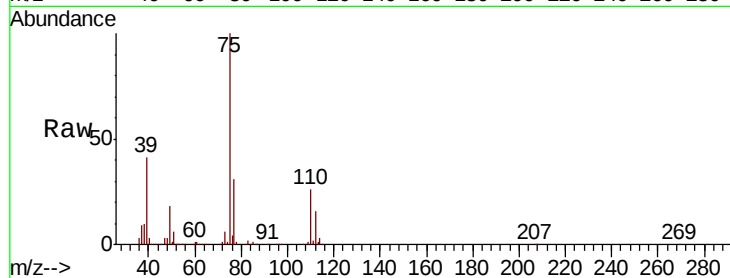
VSTDCCC050

Tot Ion: 75 Resp: 318942

Ion Ratio Lower Upper

75 100

77 31.3 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

250000

200000

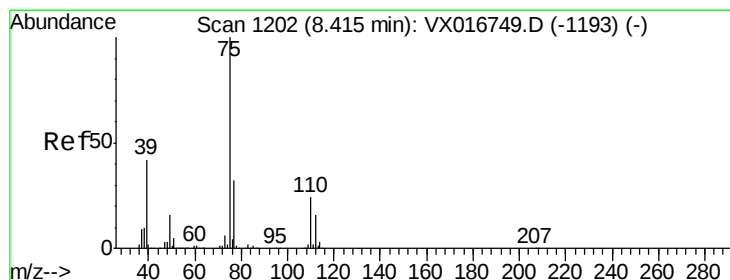
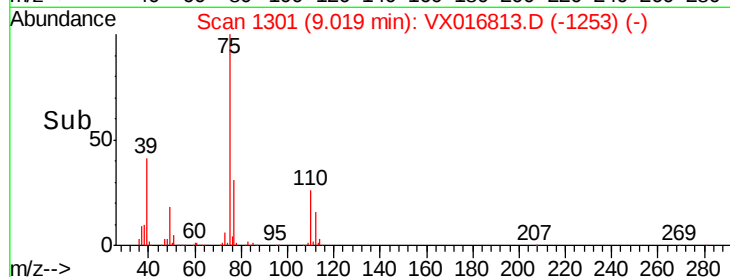
150000

100000

50000

0

Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 50.380 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

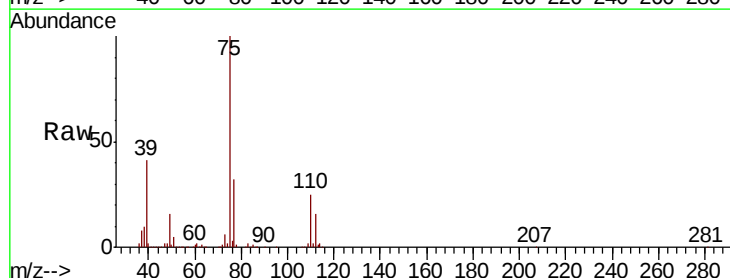
Tgt Ion: 75 Resp: 330997

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 41.3 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

250000

200000

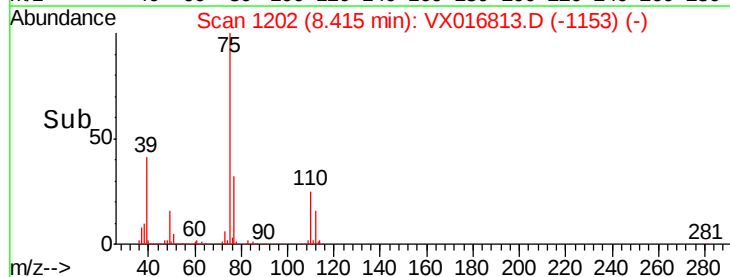
150000

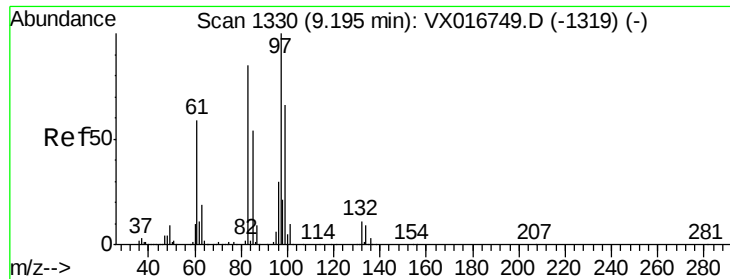
100000

50000

0

Time--> 8.30 8.40 8.50

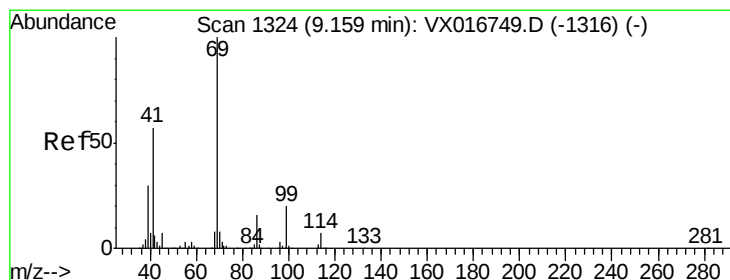
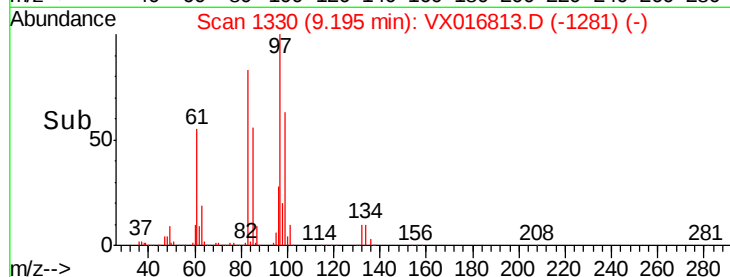
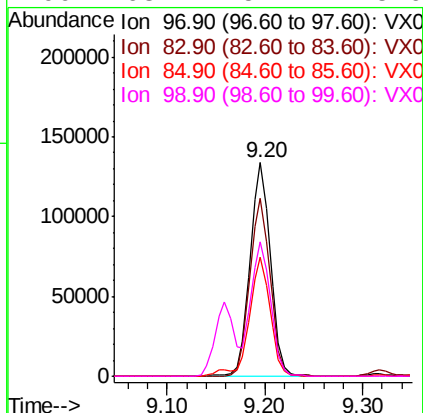
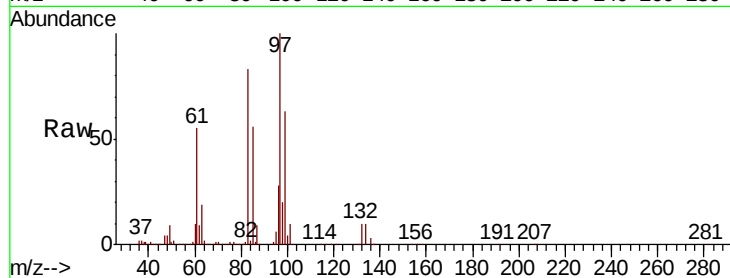




#55
 1,1,2-Trichloroethane
 Concen: 49.495 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

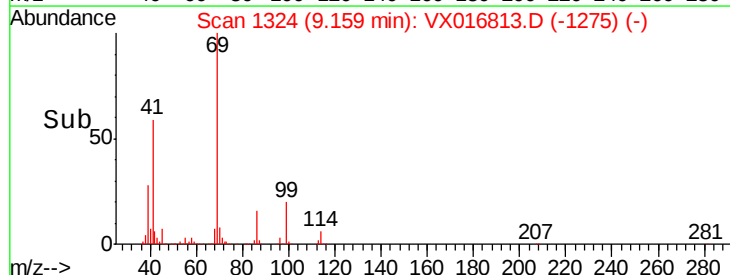
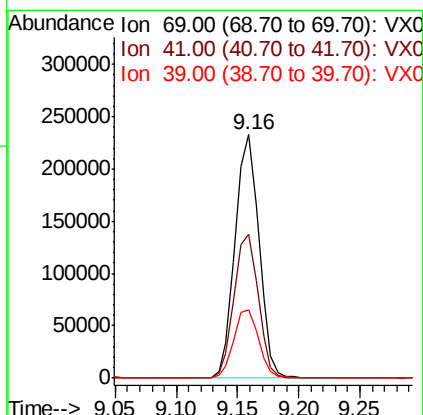
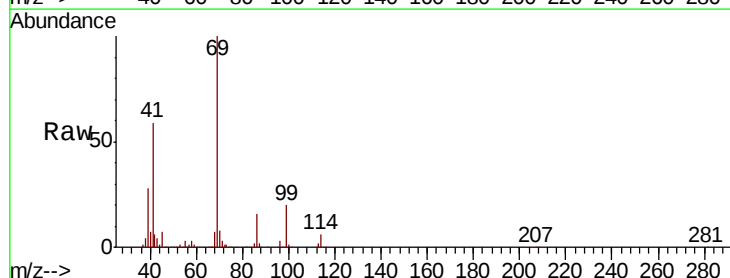
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

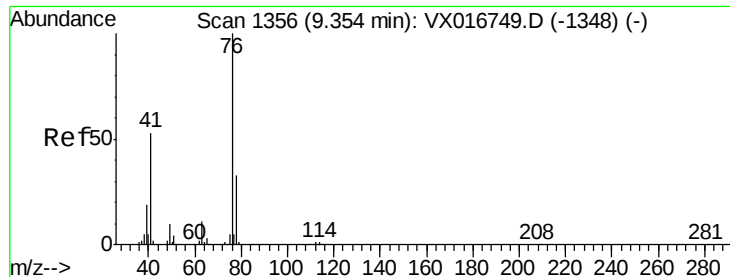
Tot Ion:	97	Resp:	193570
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.3	102.5
85	55.6	43.5	65.3
99	63.1	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 53.884 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion:	69	Resp:	315514
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.1	70.7
39	29.5	25.0	37.6





#57

1,3-Dichloropropane

Concen: 49.868 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

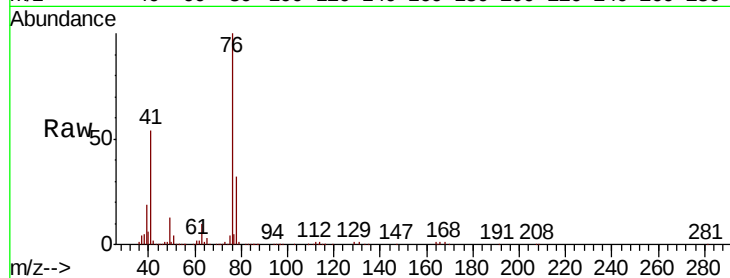
VSTDCCC050

Tot Ion: 76 Resp: 327834

Ion Ratio Lower Upper

76 100

78 32.5 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

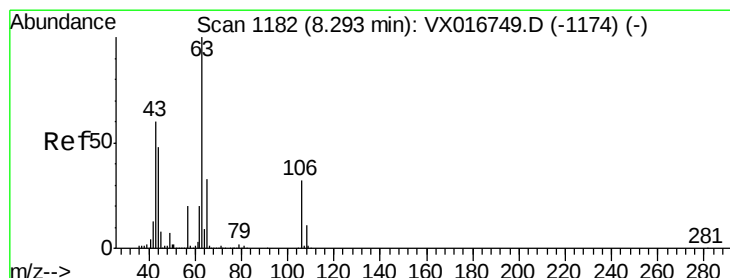
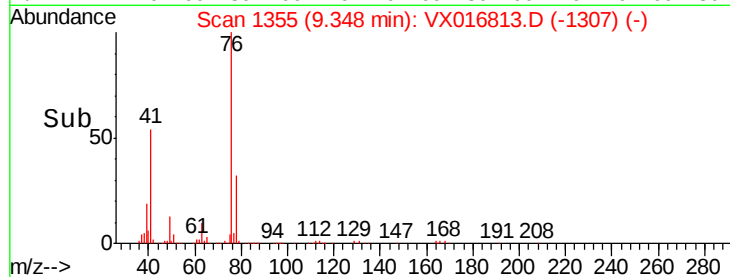
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 276.308 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016813.D

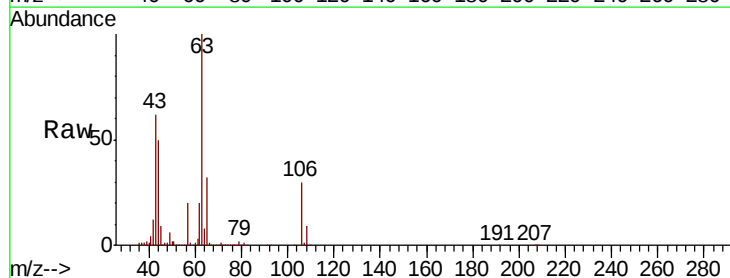
Acq: 17 Jun 2020 12:39

Tgt Ion: 63 Resp: 795511

Ion Ratio Lower Upper

63 100

106 30.8 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

600000

500000

400000

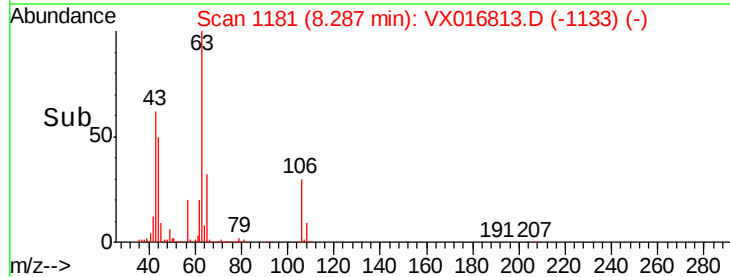
300000

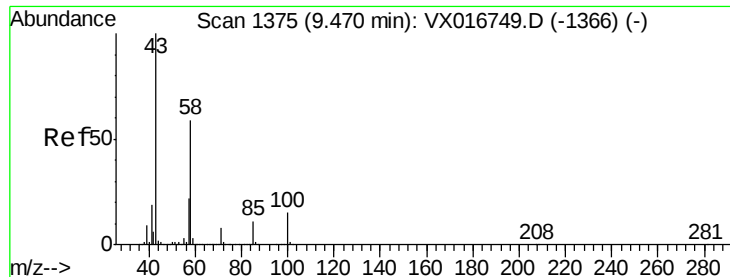
200000

100000

0

Time-->

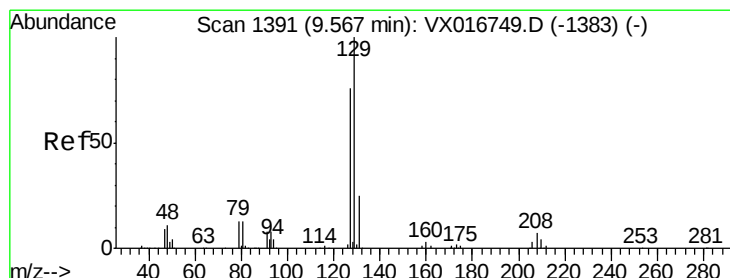
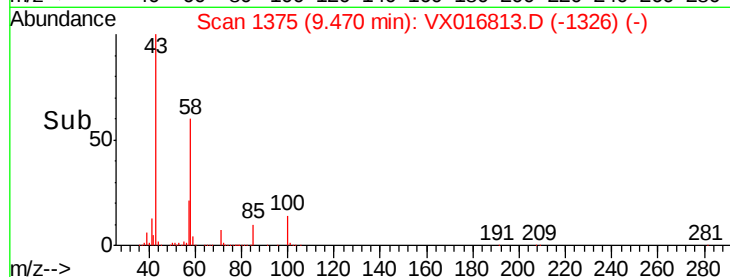
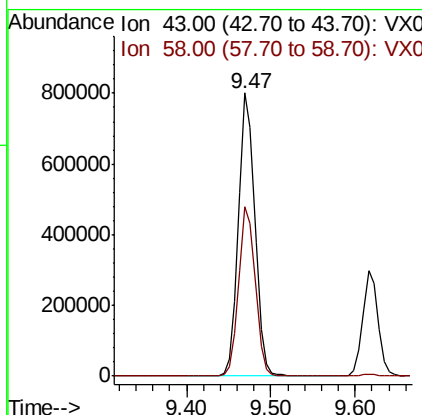
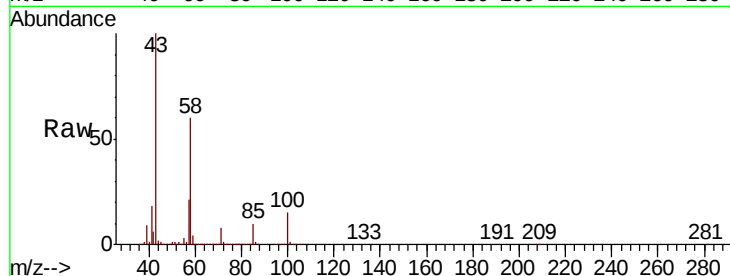




#59
2-Hexanone
Concen: 260.517 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

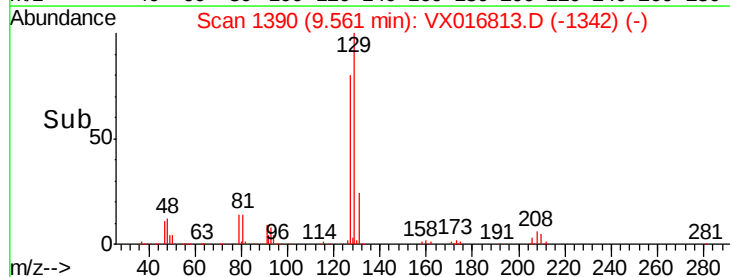
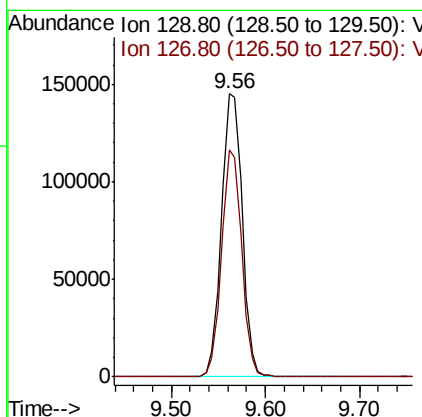
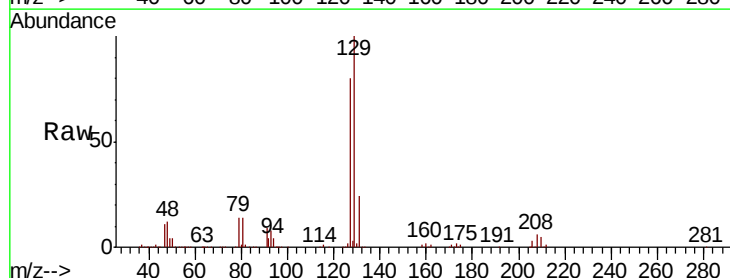
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

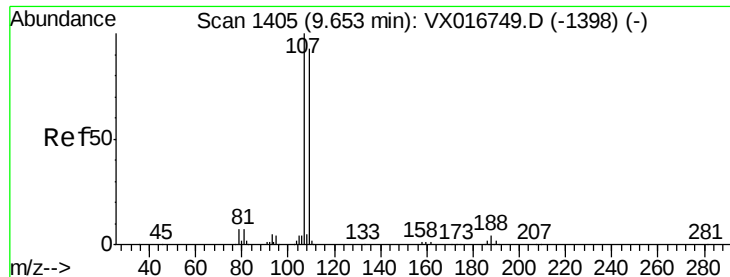
Tot Ion: 43 Resp: 1045900
Ion Ratio Lower Upper
43 100
58 60.2 29.9 89.8



#60
Dibromochloromethane
Concen: 48.086 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 129 Resp: 222257
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.153 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

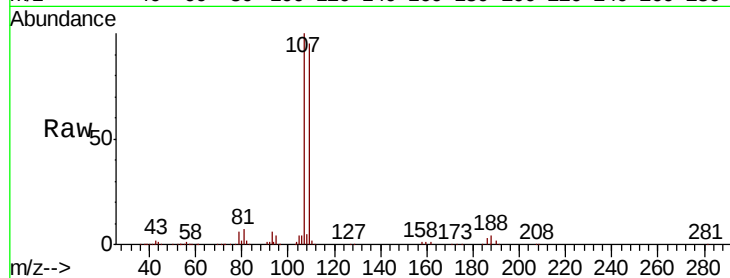
VSTDCCC050

Tot Ion:107 Resp: 209500

Ion Ratio Lower Upper

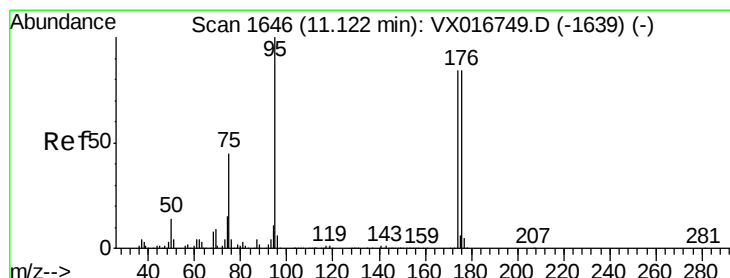
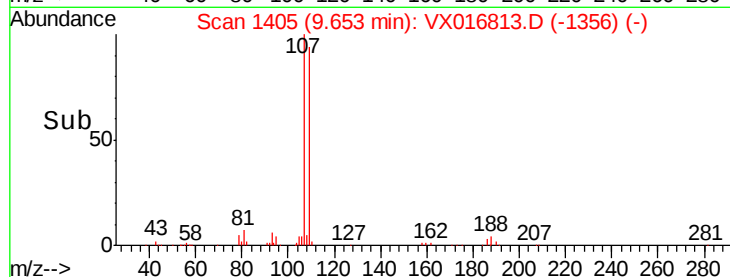
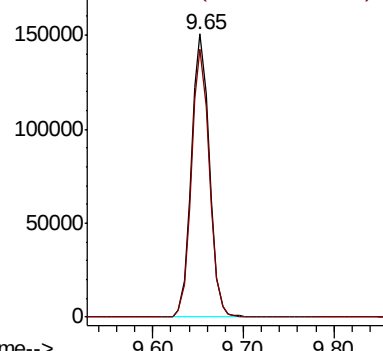
107 100

109 94.1 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.888 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

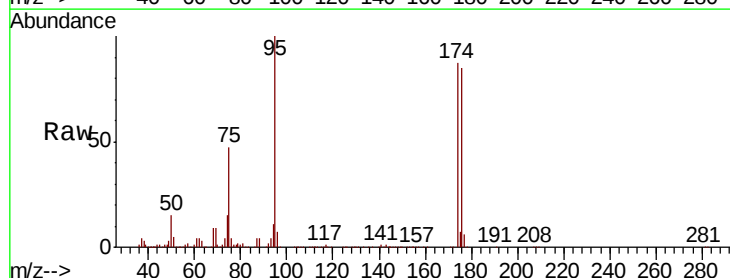
Tgt Ion: 95 Resp: 222184

Ion Ratio Lower Upper

95 100

174 84.9 0.0 171.0

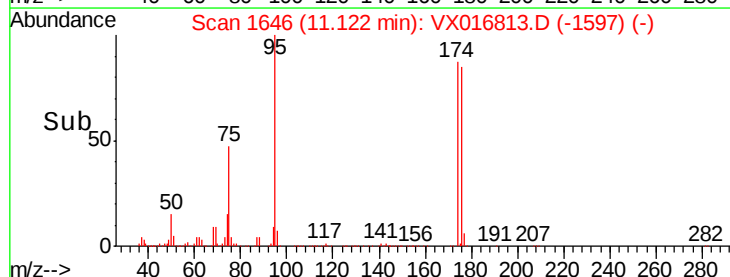
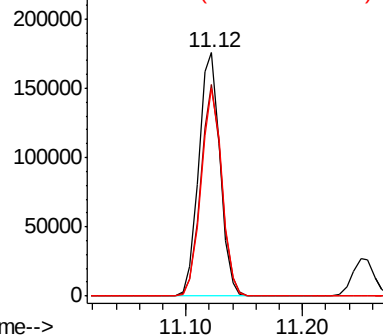
176 83.9 0.0 166.2

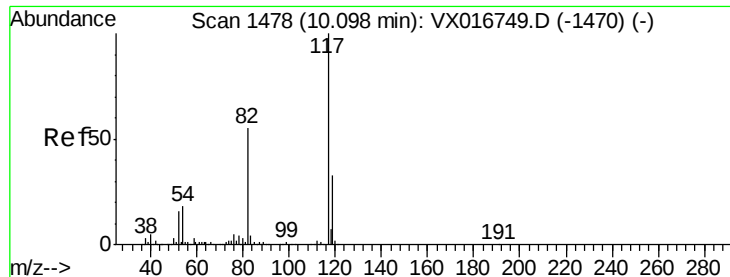


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

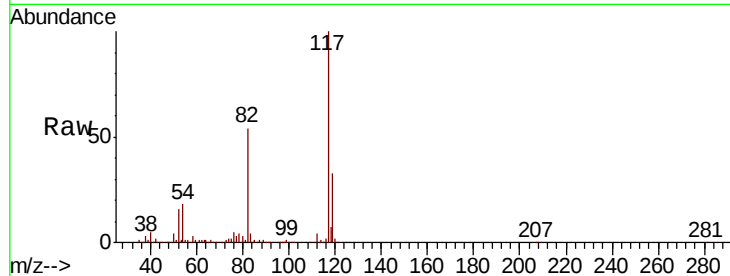




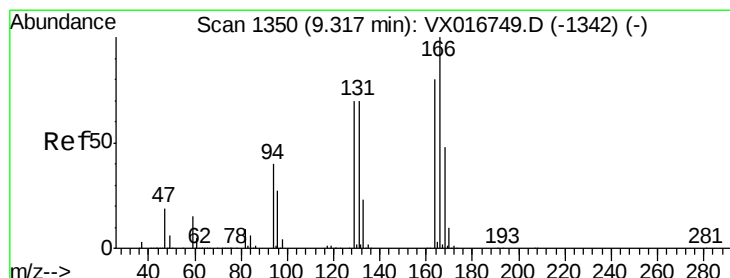
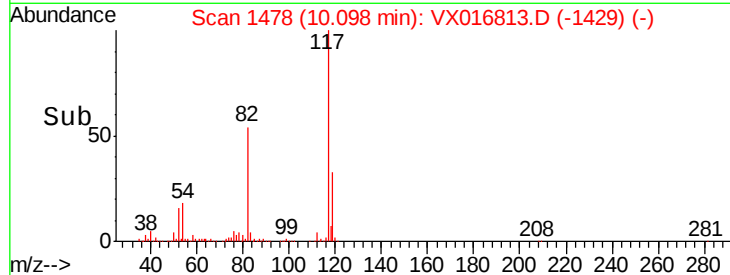
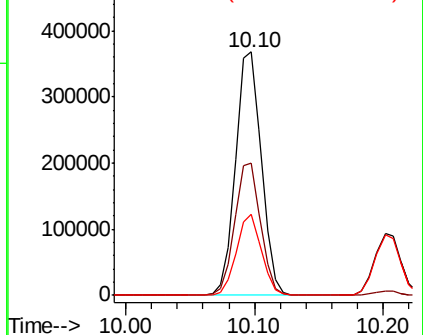
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 514671
Ion Ratio Lower Upper
117 100
82 54.2 43.8 65.6
119 33.2 26.2 39.4



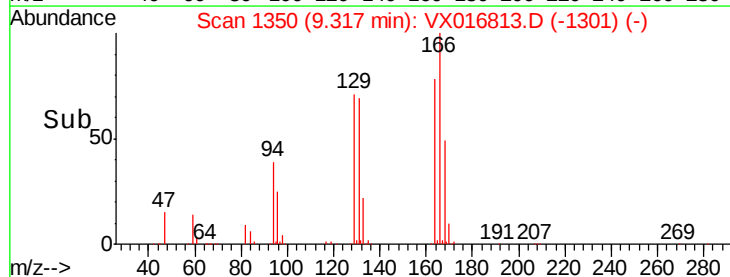
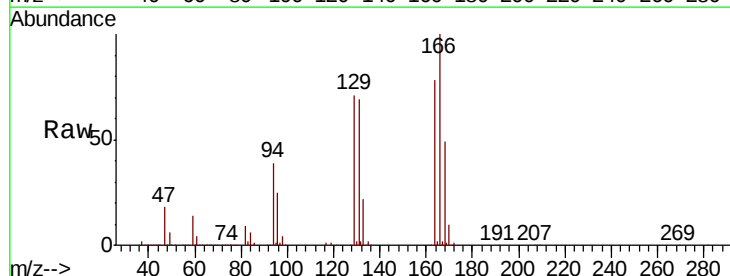
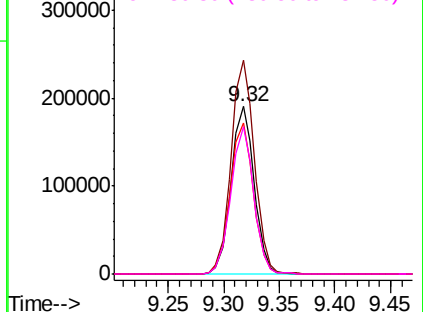
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

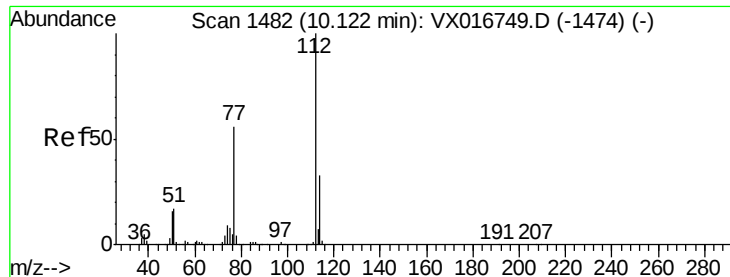


#64
Tetrachloroethene
Concen: 55.349 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion:164 Resp: 273547
Ion Ratio Lower Upper
164 100
166 127.7 100.6 150.8
129 90.6 70.1 105.1
131 88.3 70.8 106.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

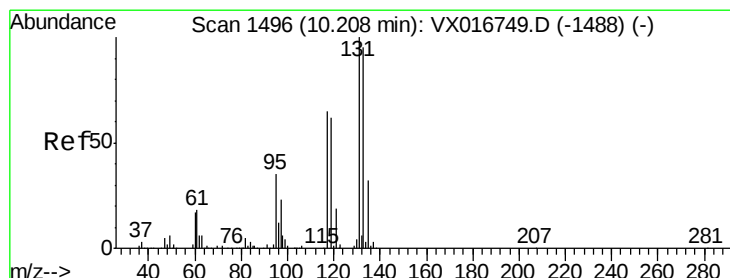
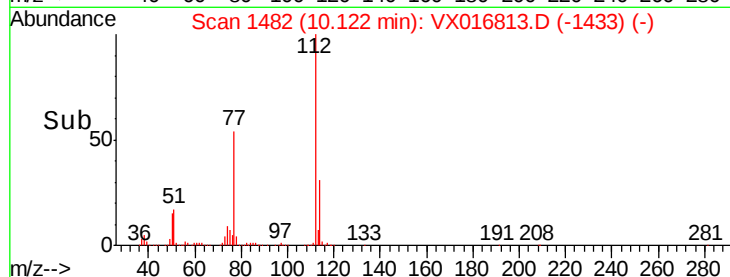
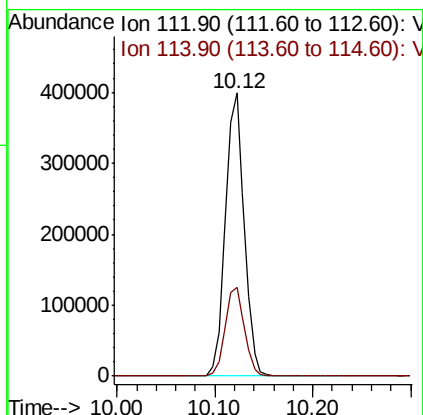
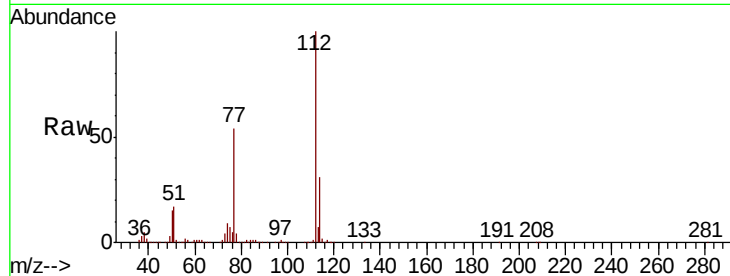




#65
Chlorobenzene
Concen: 50.687 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

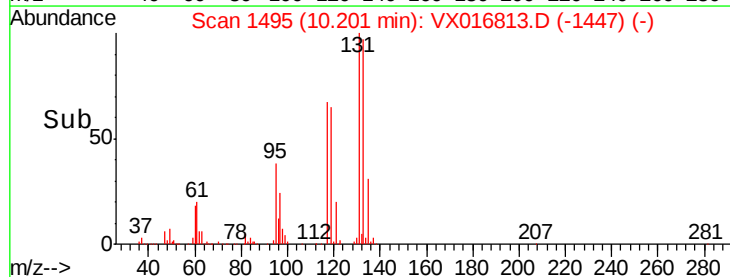
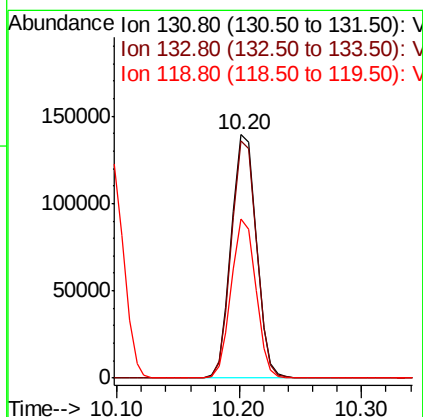
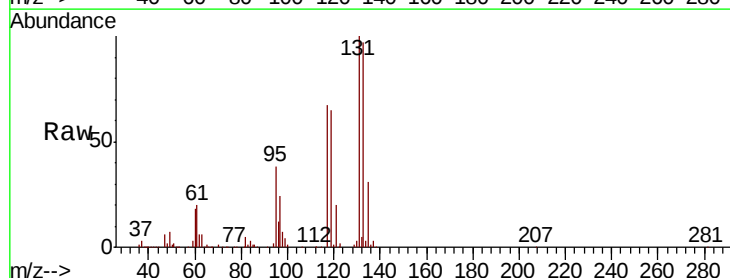
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

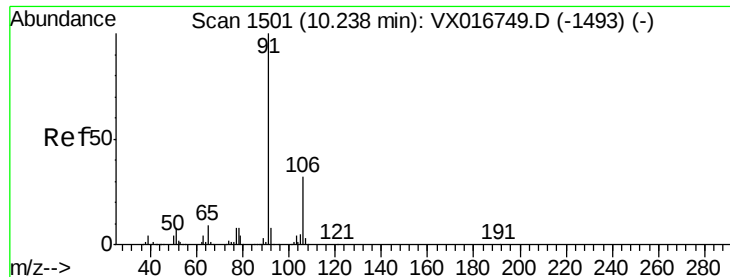
Tot Ion:112 Resp: 529332
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.586 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion:131 Resp: 198246
Ion Ratio Lower Upper
131 100
133 97.1 46.8 140.3
119 63.9 31.4 94.0

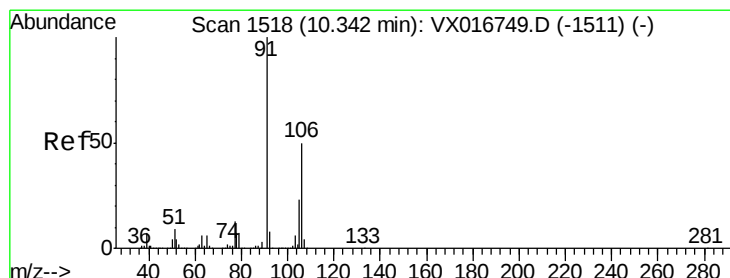
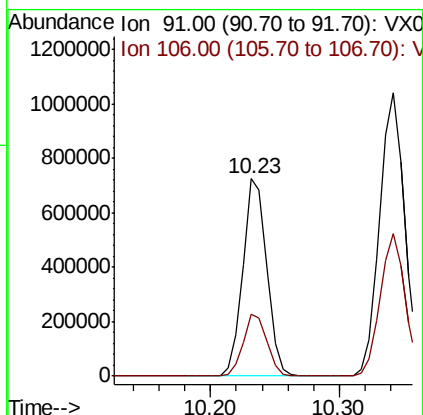
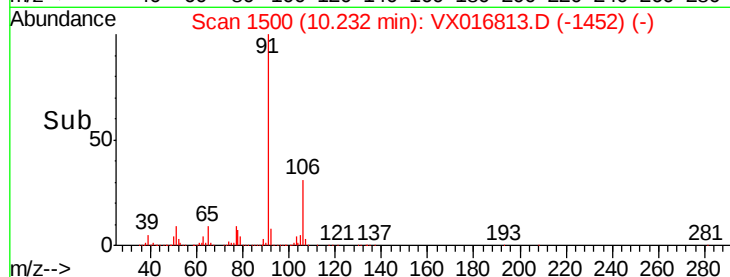
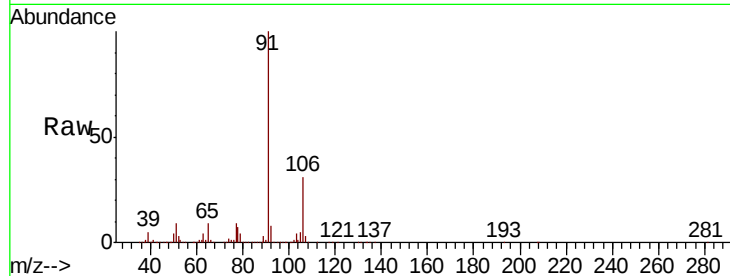




#67
Ethyl Benzene
Concen: 52.452 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

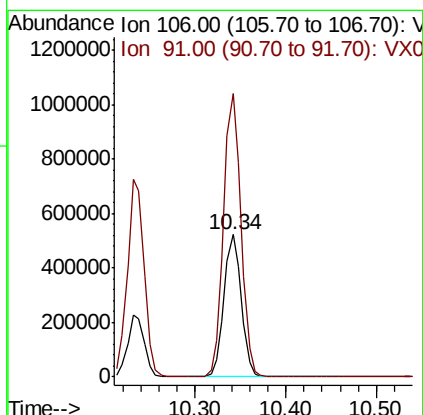
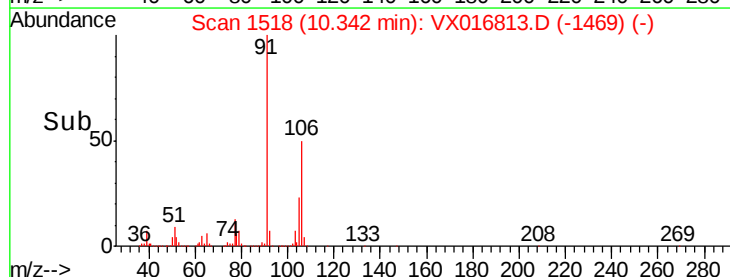
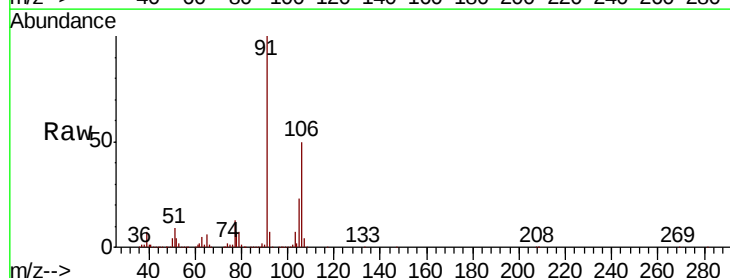
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

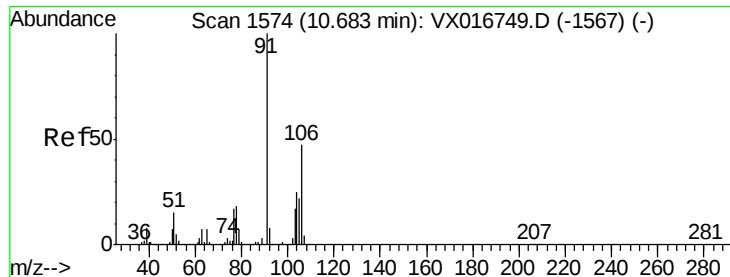
Tot Ion: 91 Resp: 926022
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9



#68
m/p-Xylenes
Concen: 104.050 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 106 Resp: 696489
Ion Ratio Lower Upper
106 100
91 200.4 161.2 241.8

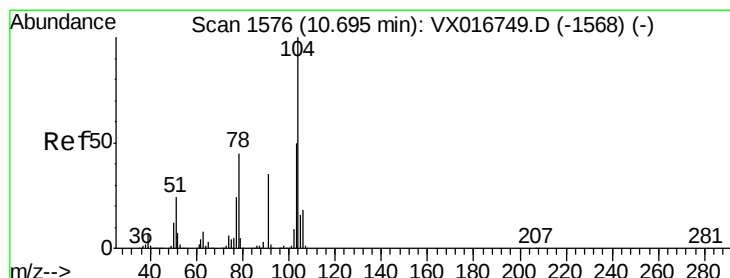
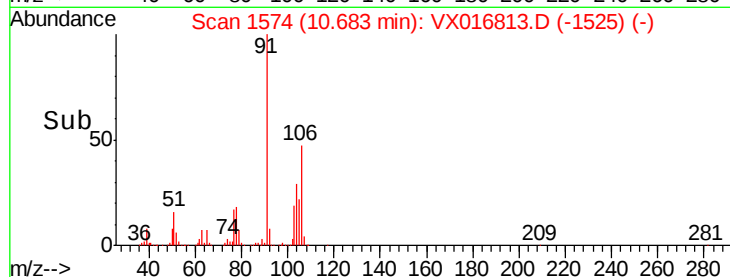
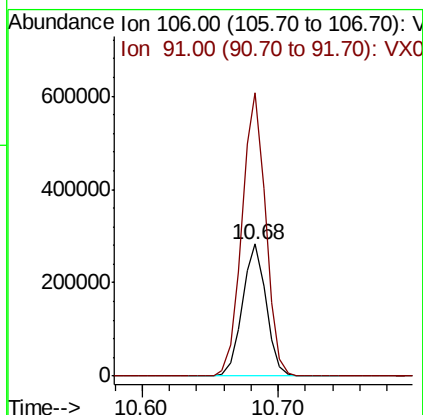
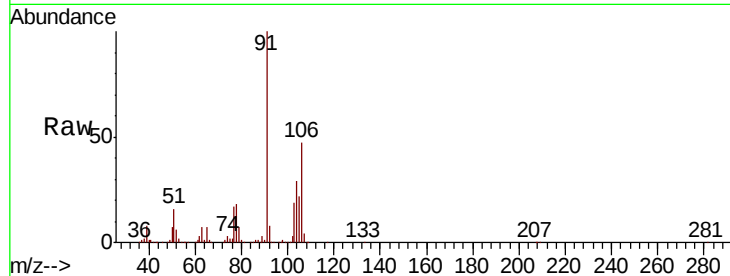




#69
o-Xylene
Concen: 53.324 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

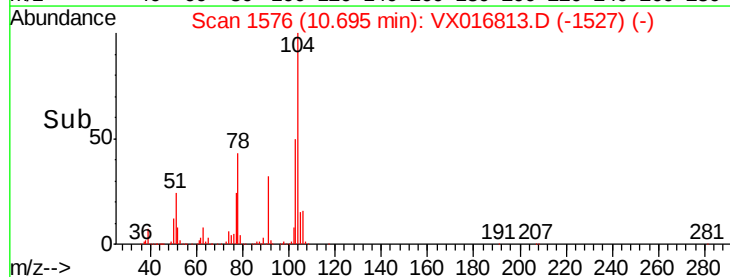
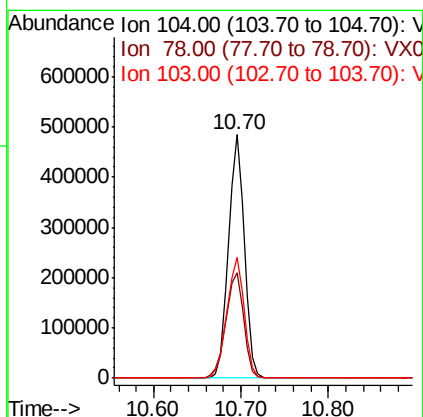
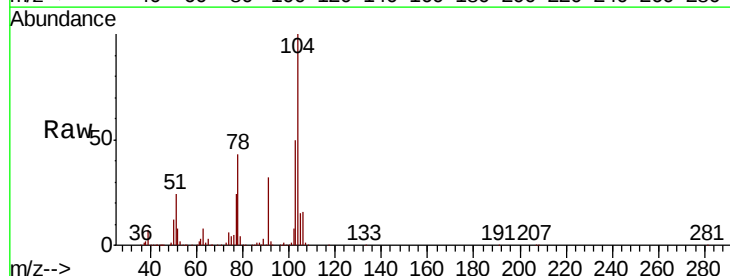
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

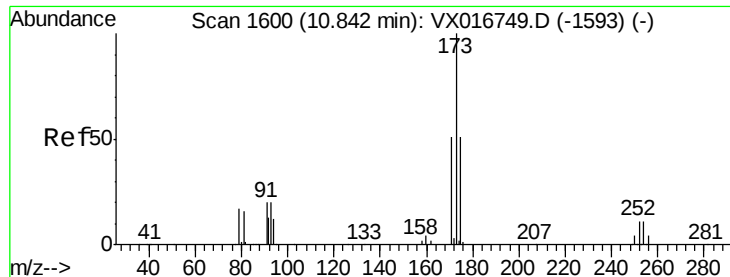
Tot Ion:106 Resp: 343871
Ion Ratio Lower Upper
106 100
91 213.7 106.9 320.8



#70
Styrene
Concen: 54.865 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion:104 Resp: 611635
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.8
103 53.9 43.4 65.2





#71

Bromoform

Concen: 49.413 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

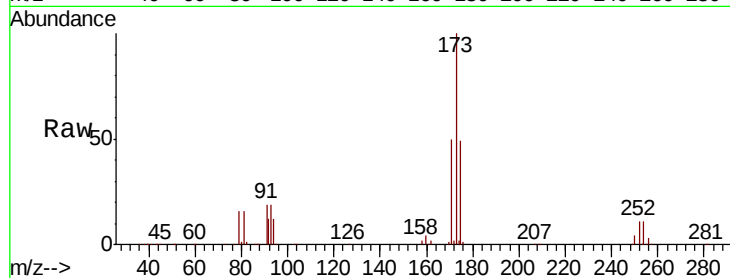
Tot Ion:173 Resp: 175641

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.4

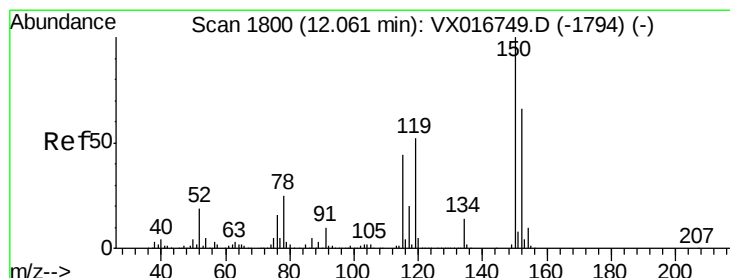
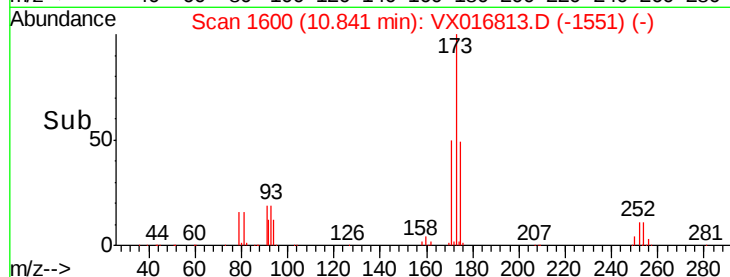
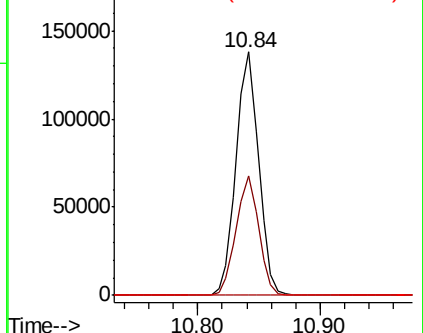
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

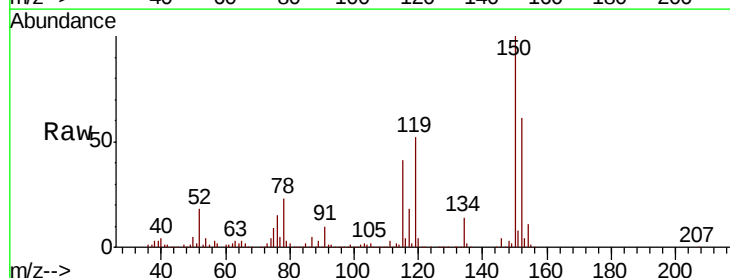
Tgt Ion:152 Resp: 241482

Ion Ratio Lower Upper

152 100

115 79.7 40.3 120.8

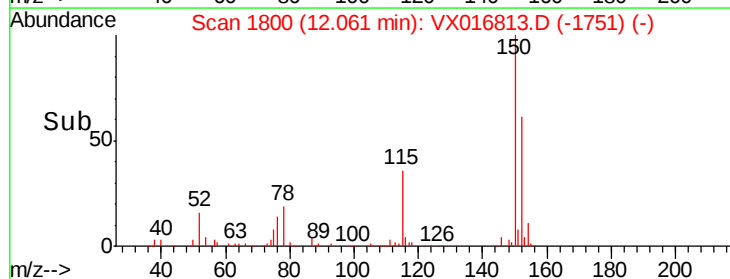
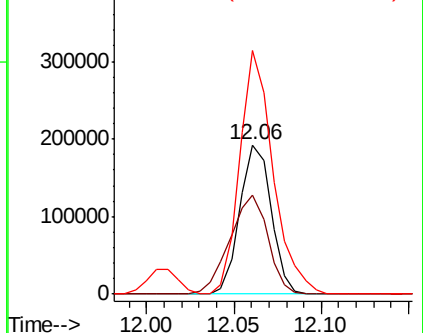
150 173.0 0.0 337.4

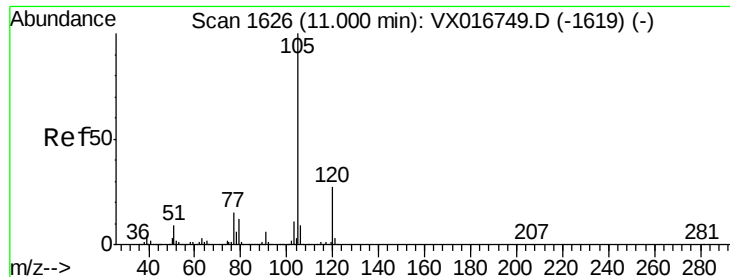


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.871 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

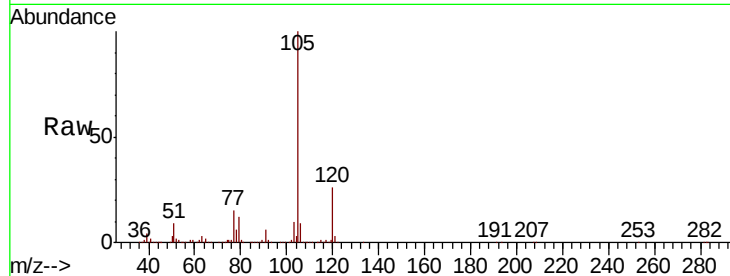
VSTDCCC050

Tot Ion:105 Resp: 901129

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

800000

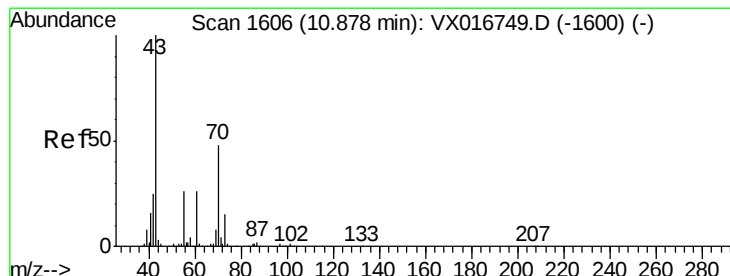
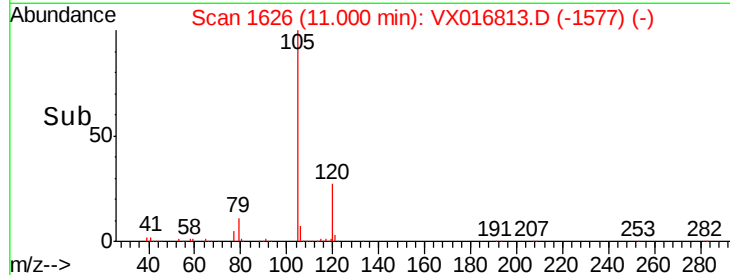
600000

400000

200000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 58.832 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion: 43 Resp: 362314

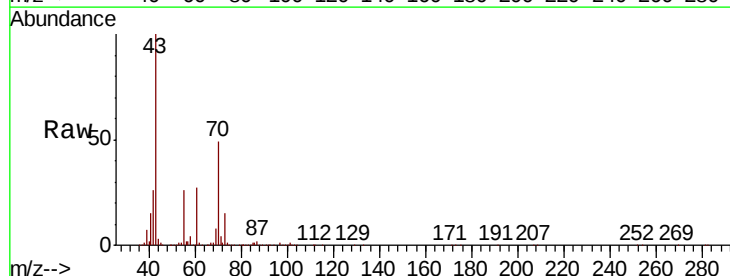
Ion Ratio Lower Upper

43 100

70 48.6 39.8 59.6

55 26.2 21.7 32.5

61 27.2 21.6 32.4



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

400000

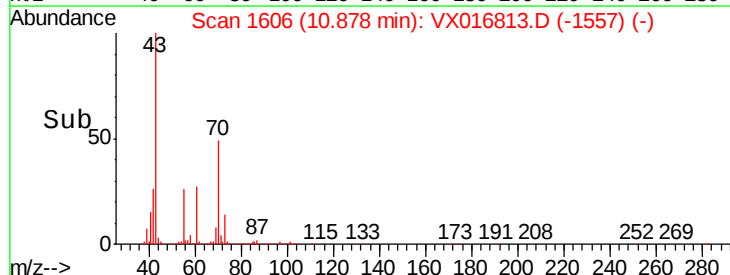
300000

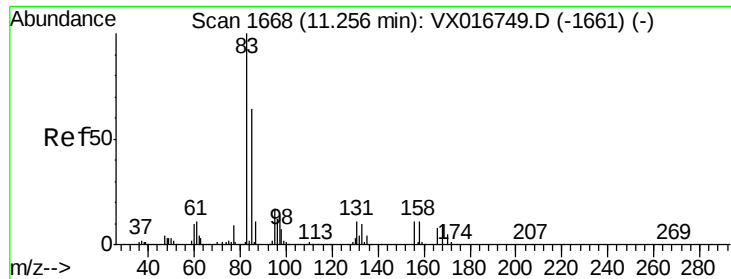
200000

100000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 48.084 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

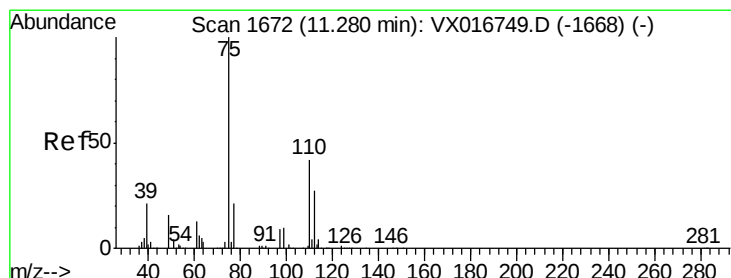
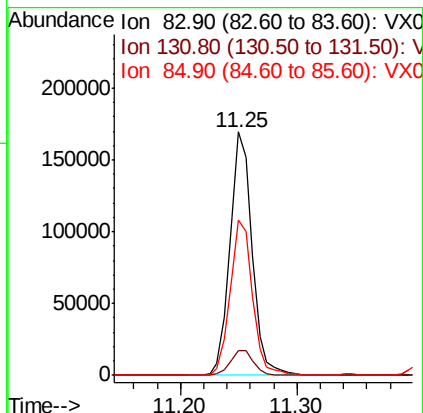
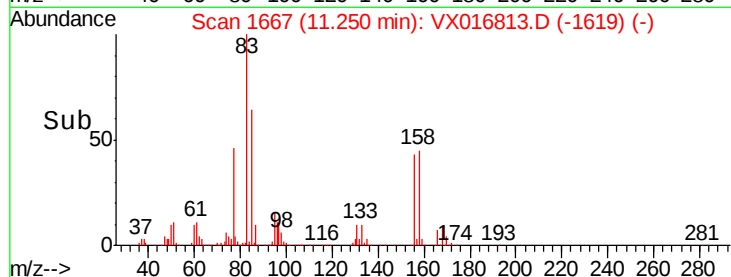
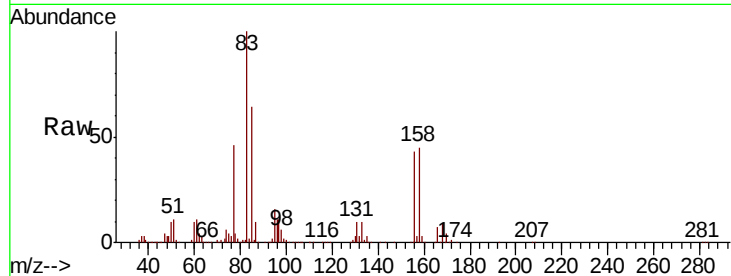
Tot Ion: 83 Resp: 224120

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

85 64.8 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 67.929 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016813.D

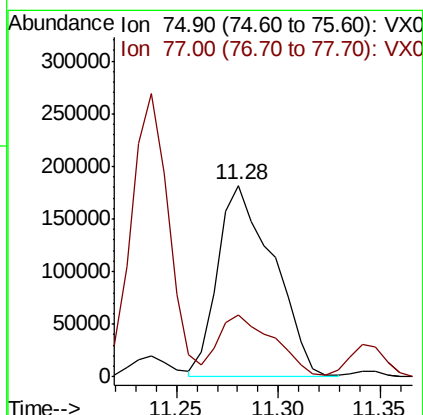
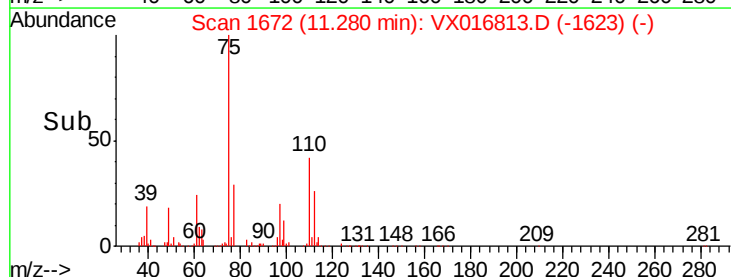
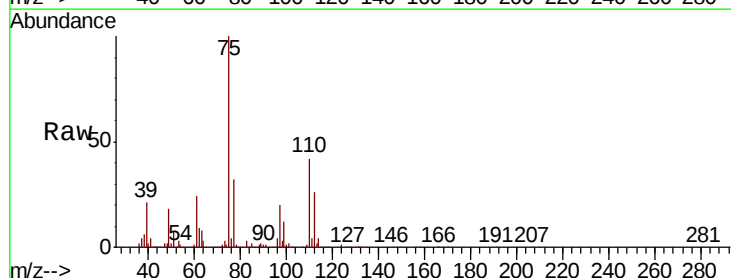
Acq: 17 Jun 2020 12:39

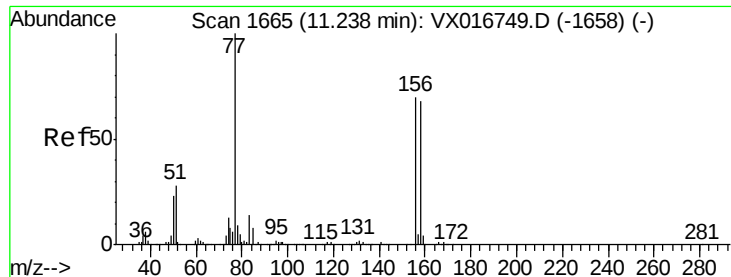
Tgt Ion: 75 Resp: 344959

Ion Ratio Lower Upper

75 100

77 32.0 20.3 60.9





#77

Bromobenzene

Concen: 51.177 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

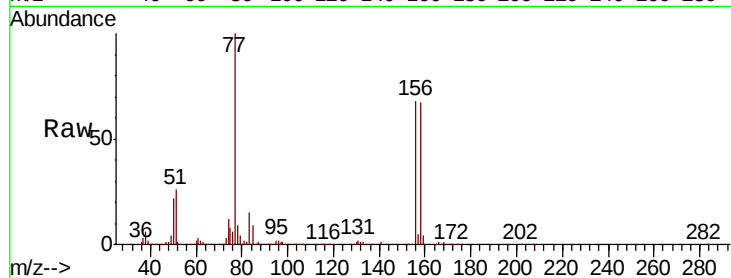
Tot Ion:156 Resp: 228962

Ion Ratio Lower Upper

156 100

77 149.5 73.2 219.6

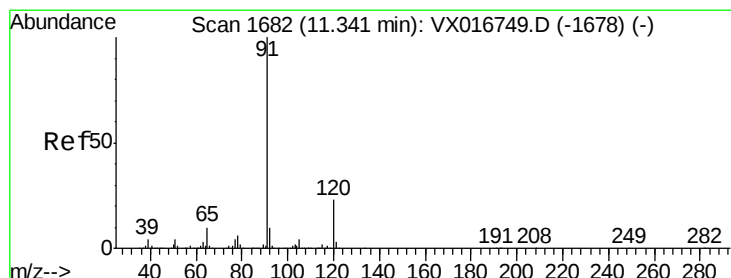
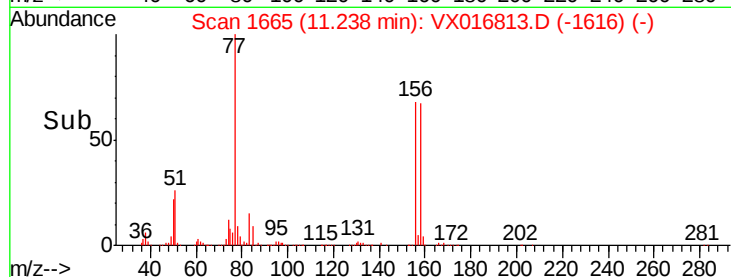
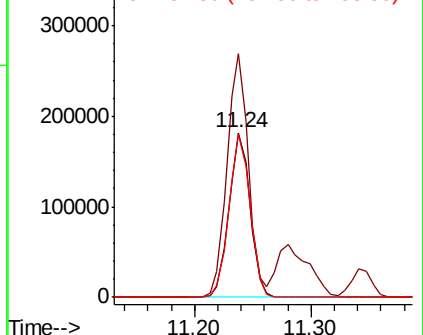
158 99.5 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.974 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016813.D

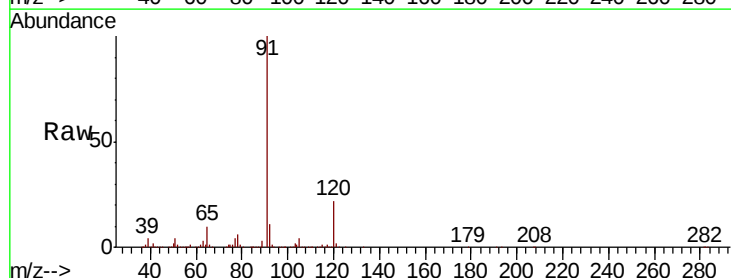
Acq: 17 Jun 2020 12:39

Tgt Ion: 91 Resp: 997589

Ion Ratio Lower Upper

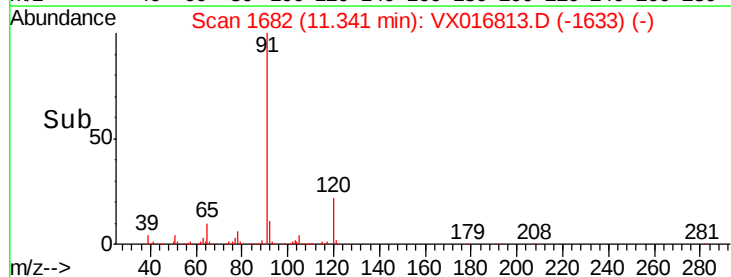
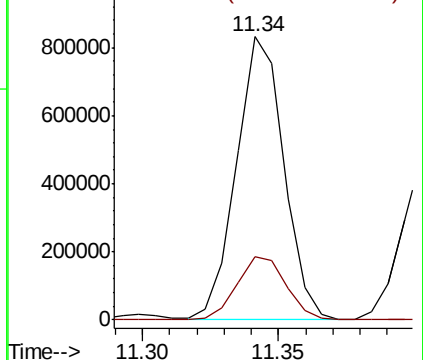
91 100

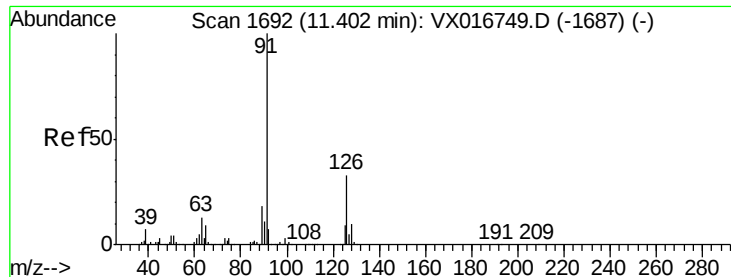
120 23.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.249 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

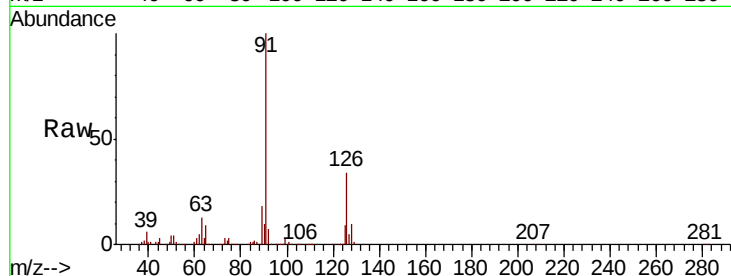
VSTDCCC050

Tot Ion: 91 Resp: 579415

Ion Ratio Lower Upper

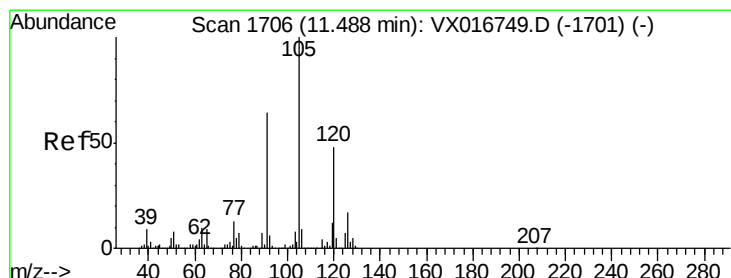
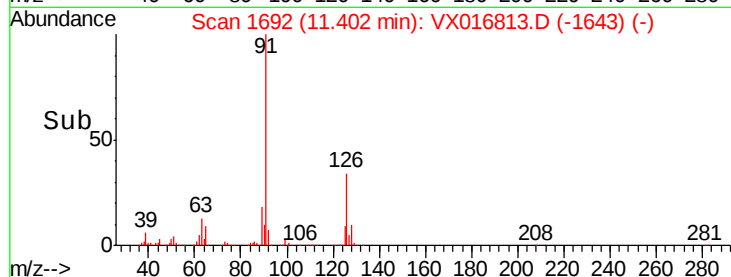
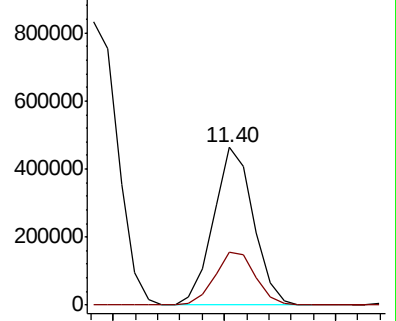
91 100

126 34.6 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.497 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016813.D

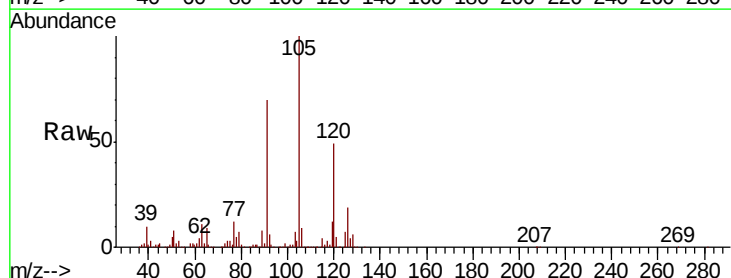
Acq: 17 Jun 2020 12:39

Tgt Ion:105 Resp: 776989

Ion Ratio Lower Upper

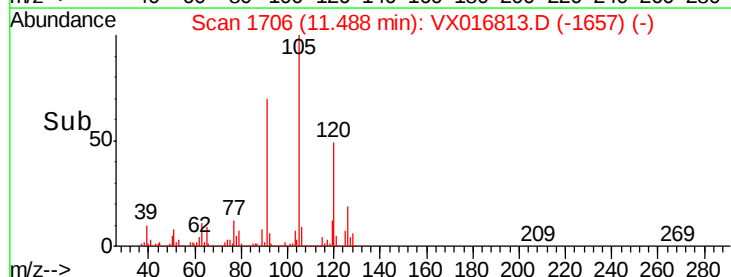
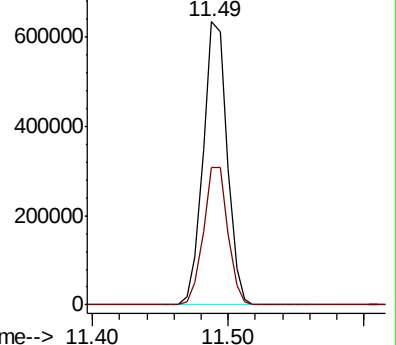
105 100

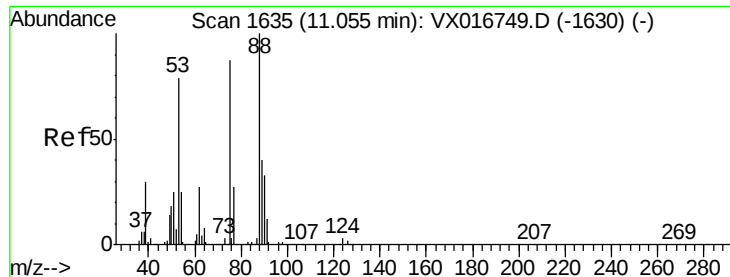
120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.786 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

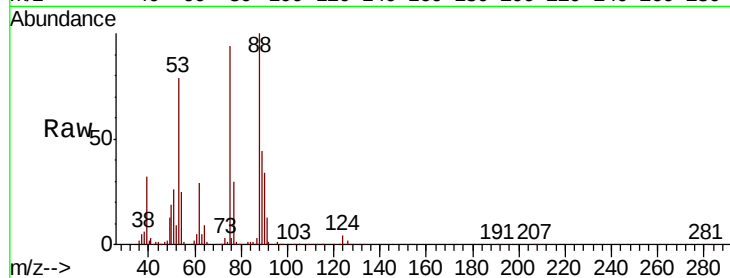
Tot Ion: 75 Resp: 106481

Ion Ratio Lower Upper

75 100

53 83.6 71.4 107.0

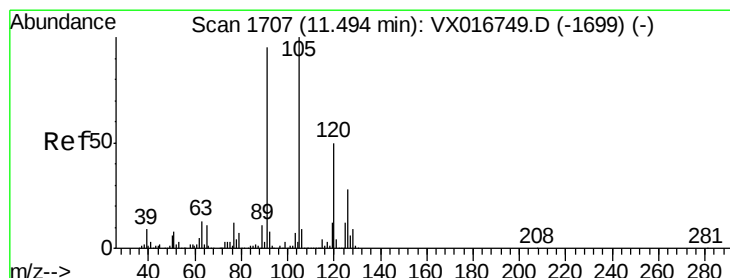
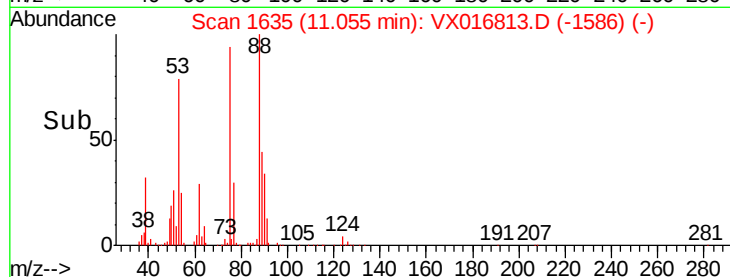
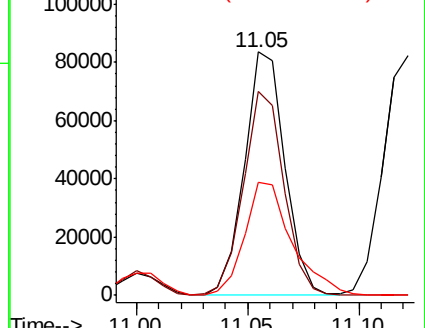
89 54.4 39.1 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 57.225 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016813.D

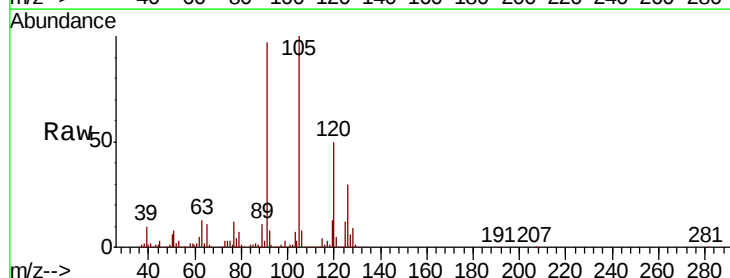
Acq: 17 Jun 2020 12:39

Tgt Ion: 91 Resp: 728855

Ion Ratio Lower Upper

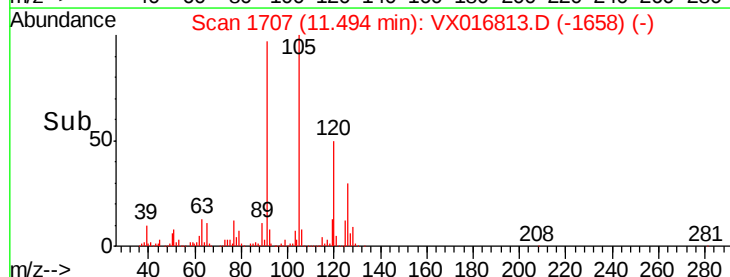
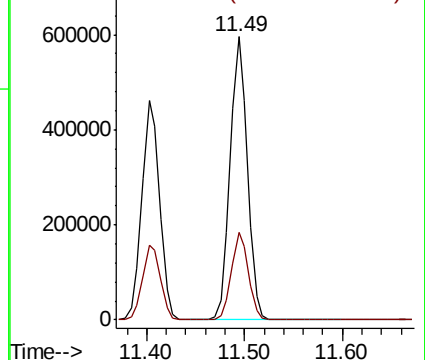
91 100

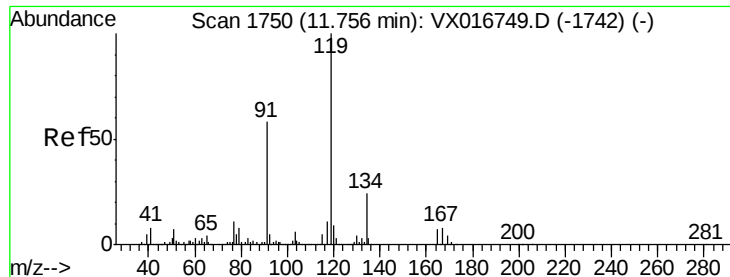
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

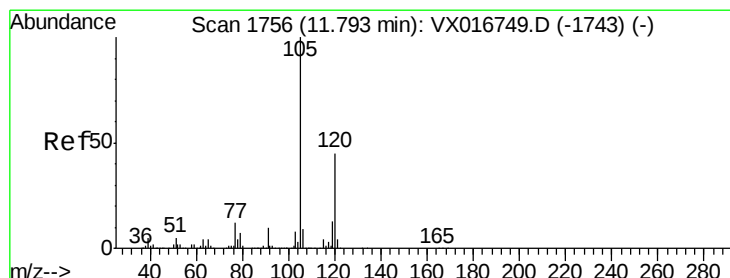
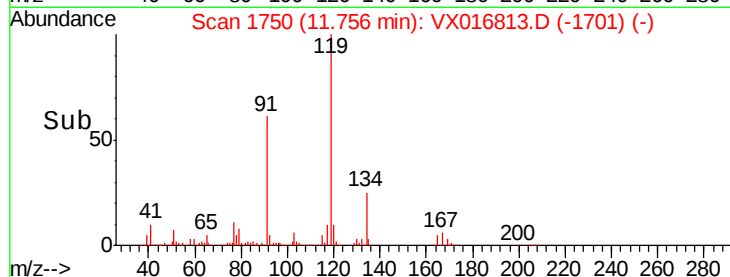
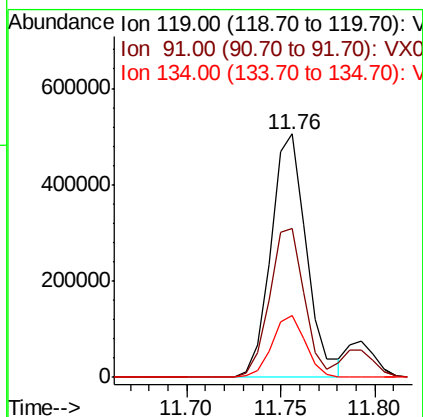
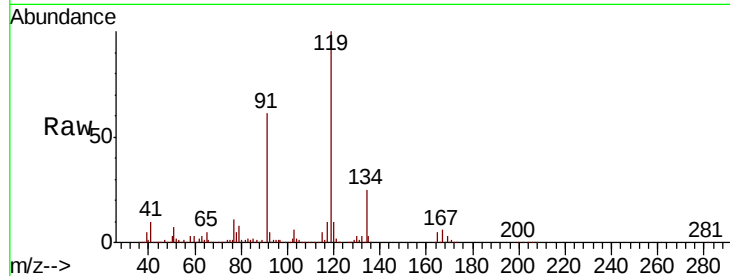




#83
tert-Butylbenzene
Concen: 54.253 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

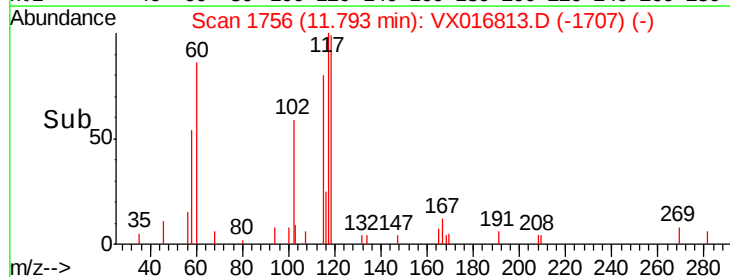
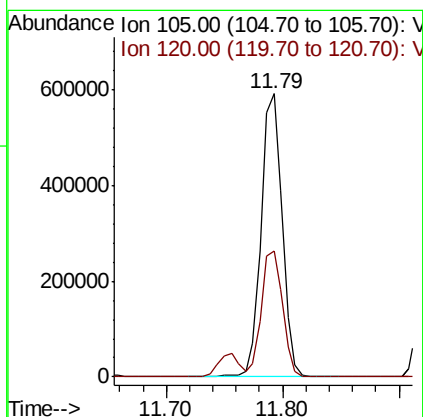
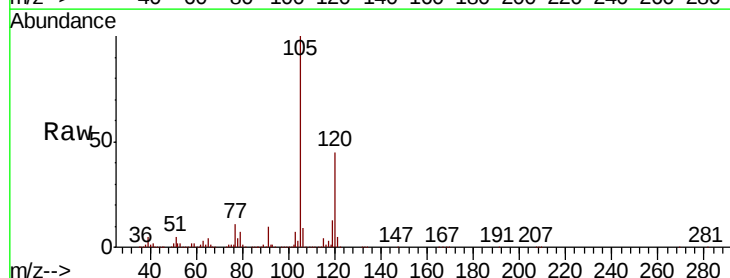
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

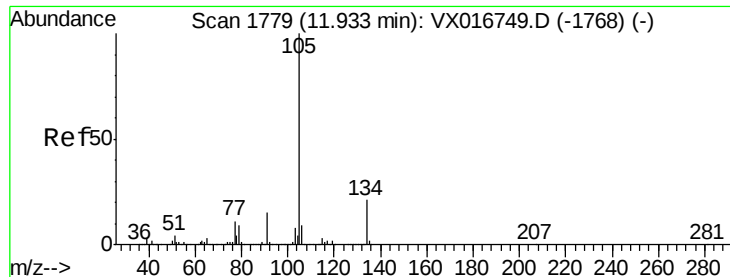
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.3	88.0
134	24.0	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 55.771 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.8

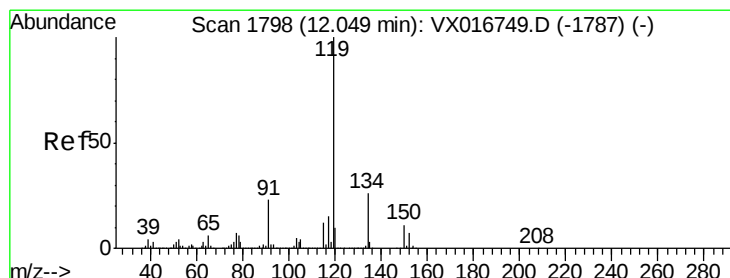
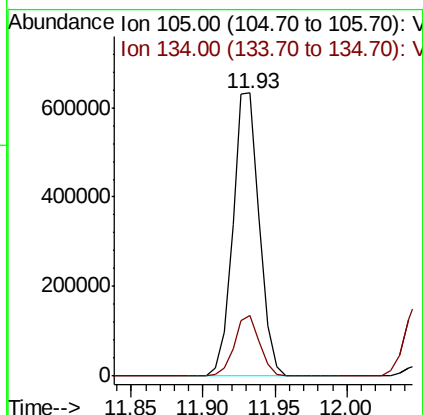
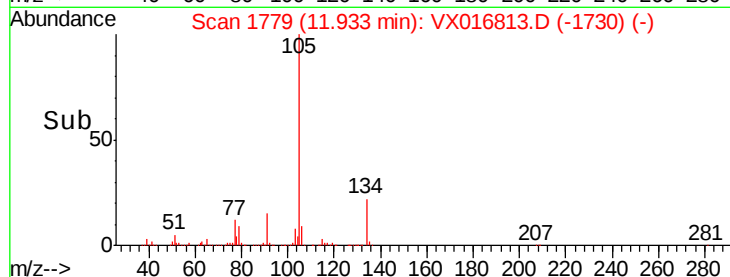
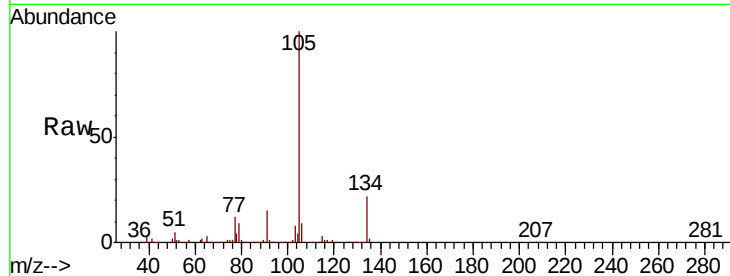




#85
 sec-Butylbenzene
 Concen: 56.928 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

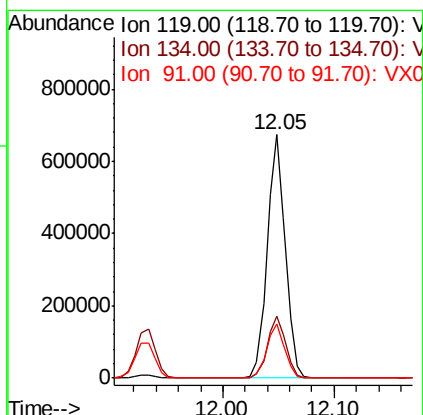
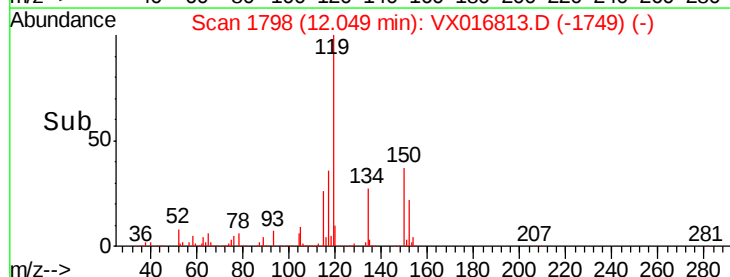
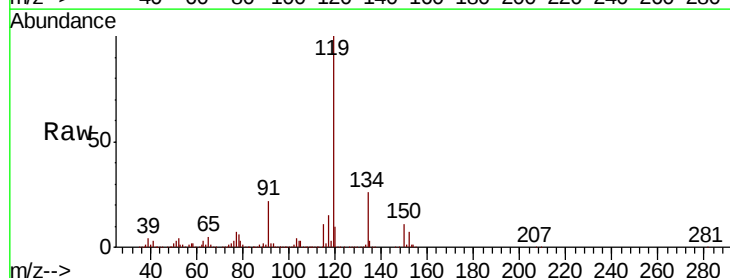
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

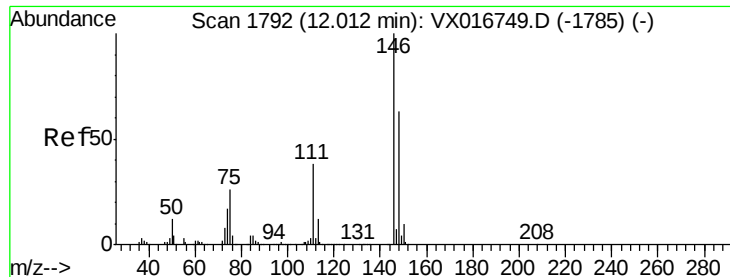
Tot Ion:105 Resp: 809322
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 56.057 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion:119 Resp: 764662
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 22.2 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 52.910 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

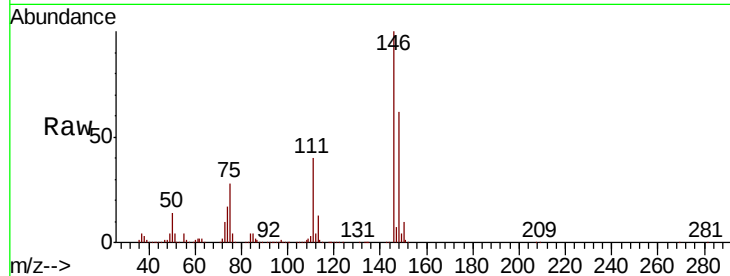
Tot Ion:146 Resp: 400187

Ion Ratio Lower Upper

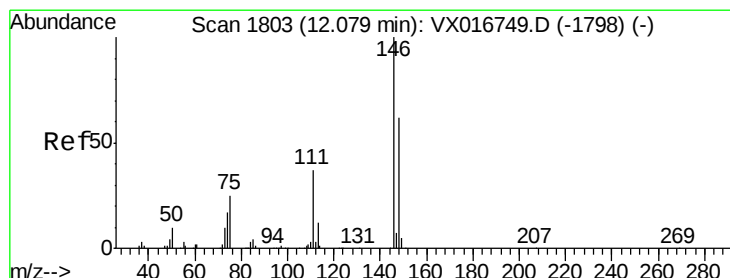
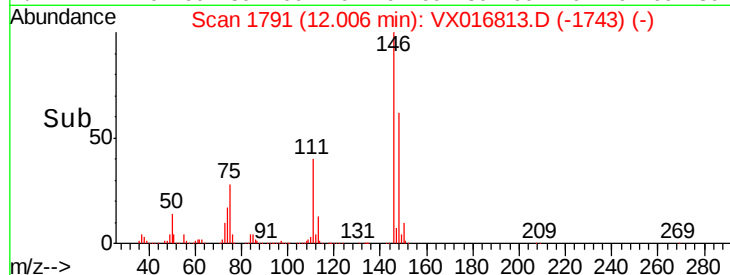
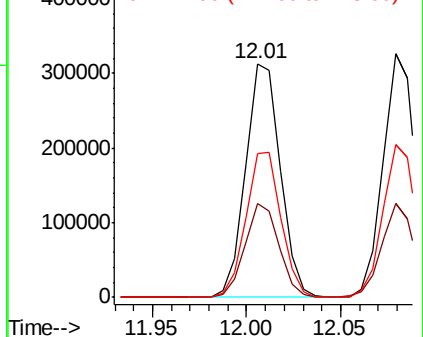
146 100

111 39.3 19.8 59.3

148 62.8 31.9 95.7



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



#88

1,4-Dichlorobenzene

Concen: 50.645 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

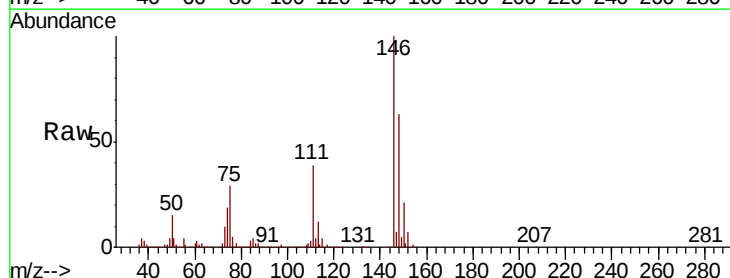
Tgt Ion:146 Resp: 397245

Ion Ratio Lower Upper

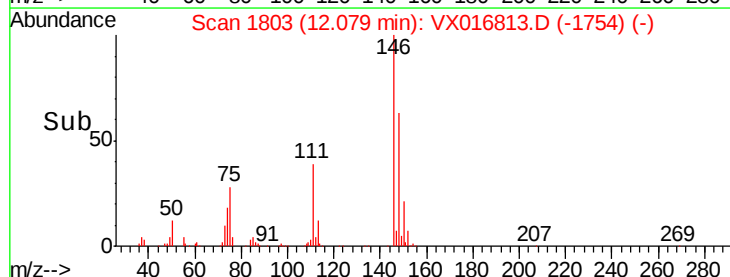
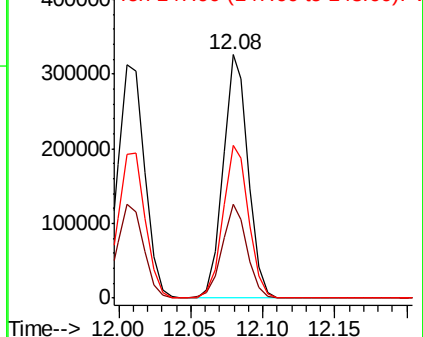
146 100

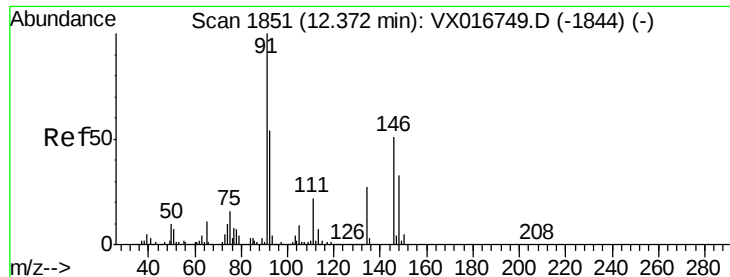
111 38.4 19.3 57.8

148 64.3 32.1 96.5



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

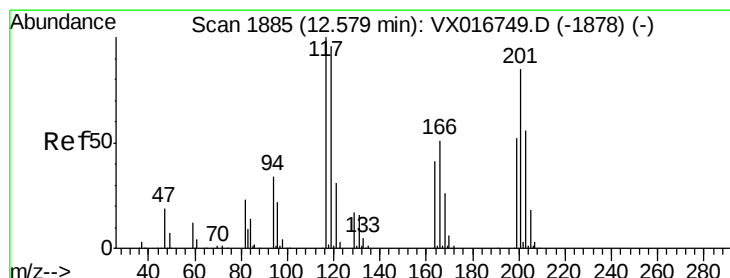
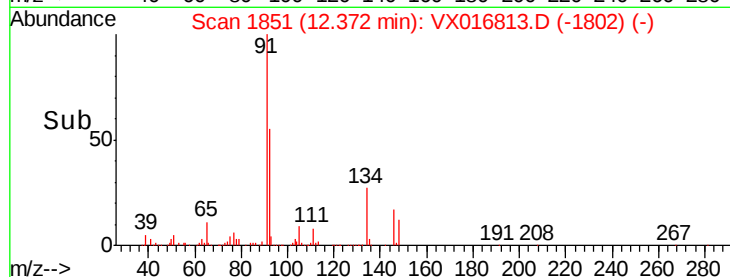
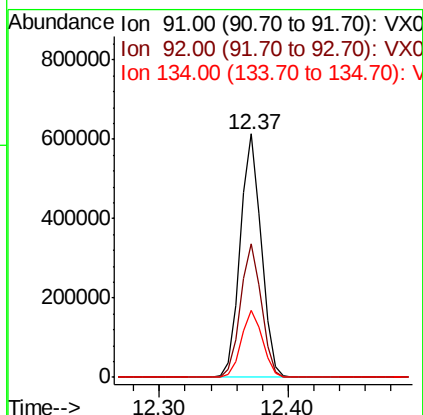
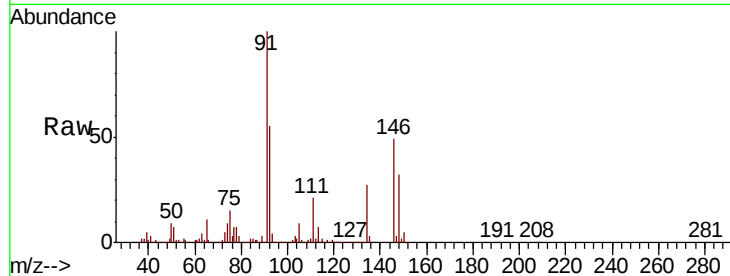




#89
n-Butylbenzene
Concen: 61.511 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

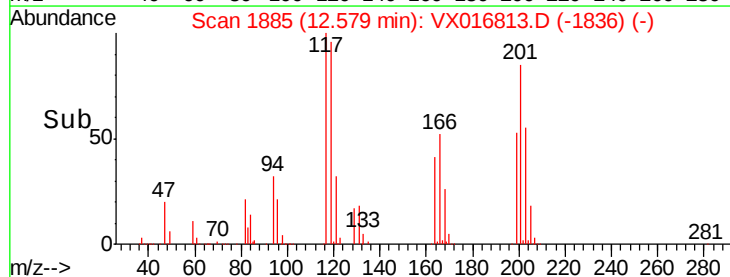
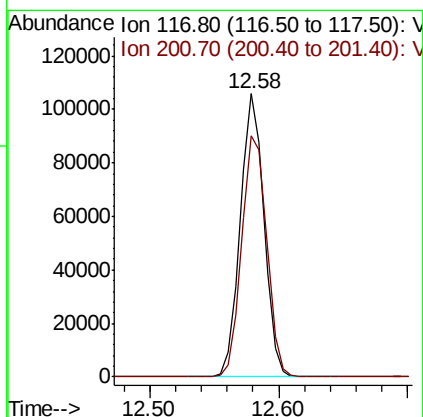
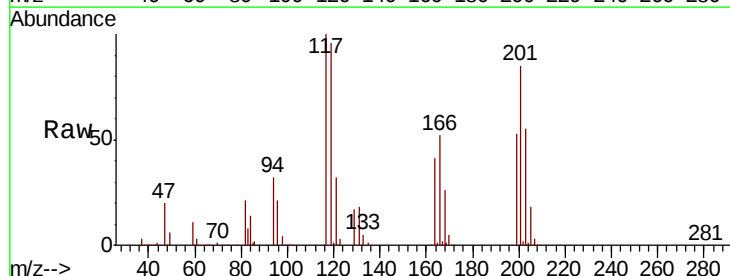
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

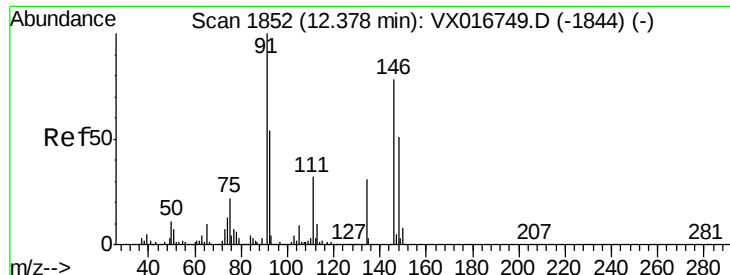
Tot Ion: 91 Resp: 692648
Ion Ratio Lower Upper
91 100
92 54.4 27.0 80.8
134 27.8 13.7 41.0



#90
Hexachloroethane
Concen: 53.448 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 117 Resp: 134446
Ion Ratio Lower Upper
117 100
201 89.1 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 53.093 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

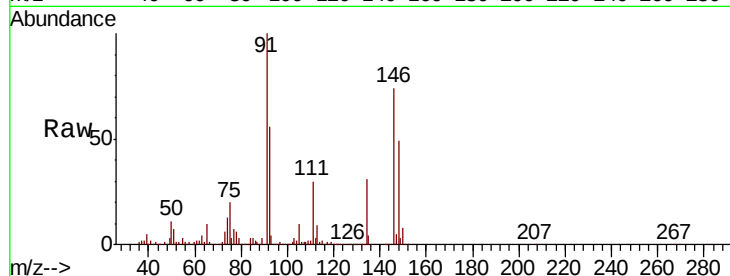
Tot Ion:146 Resp: 401586

Ion Ratio Lower Upper

146 100

111 41.3 20.8 62.2

148 64.6 32.1 96.5

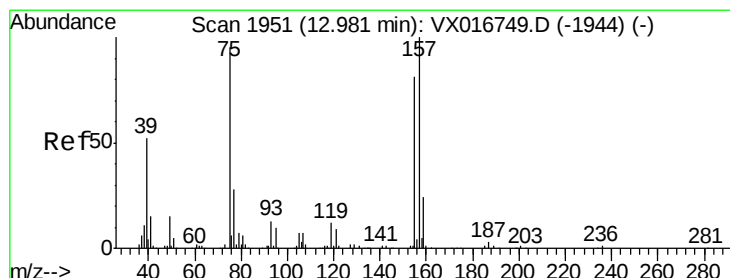
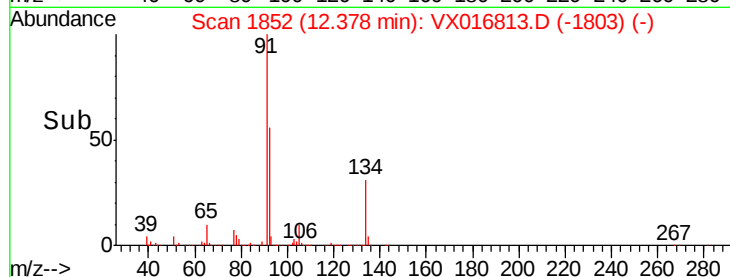
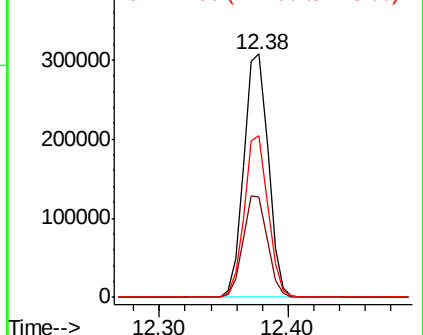


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.548 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

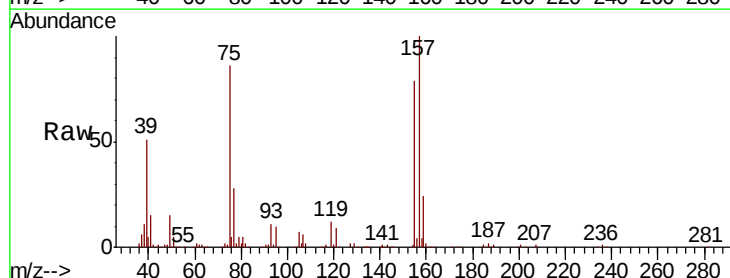
Tgt Ion: 75 Resp: 63279

Ion Ratio Lower Upper

75 100

155 97.4 46.9 140.7

157 122.7 59.6 178.7

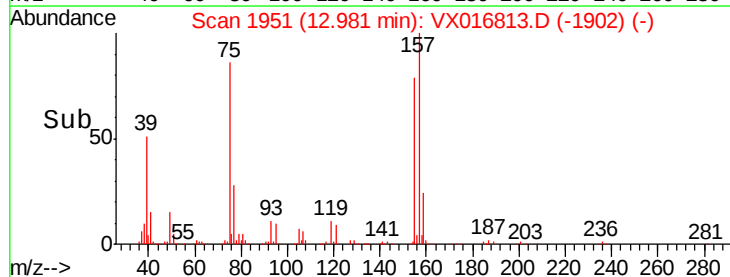
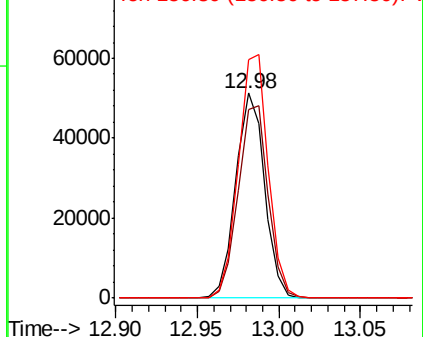


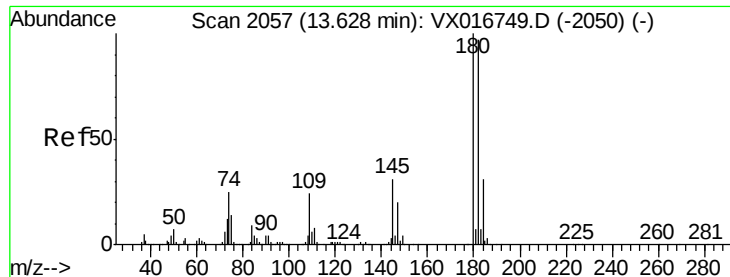
Abundance

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

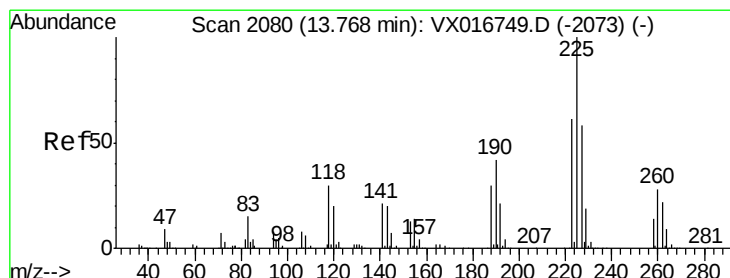
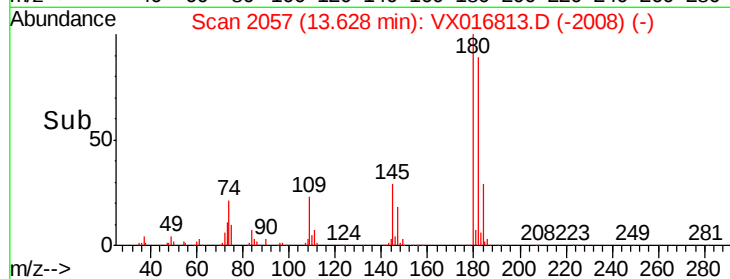
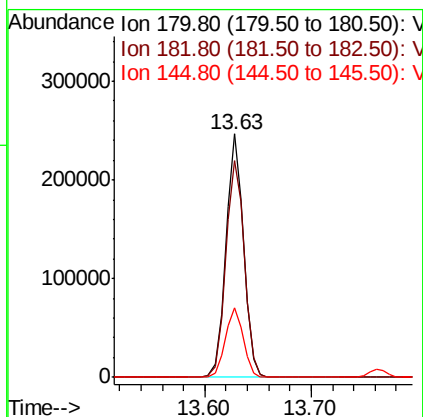
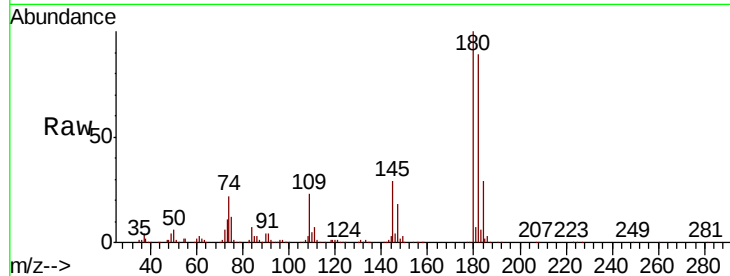




#93
 1,2,4-Trichlorobenzene
 Concen: 53.721 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

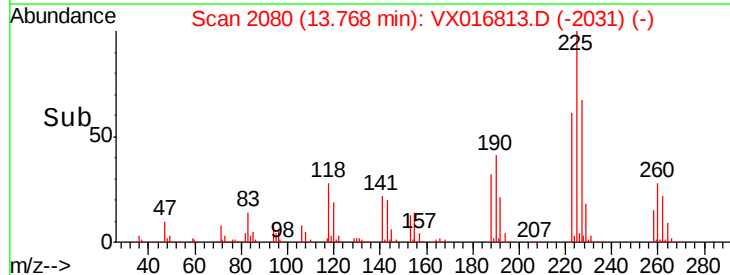
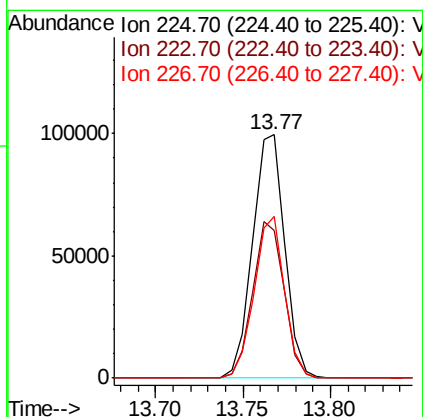
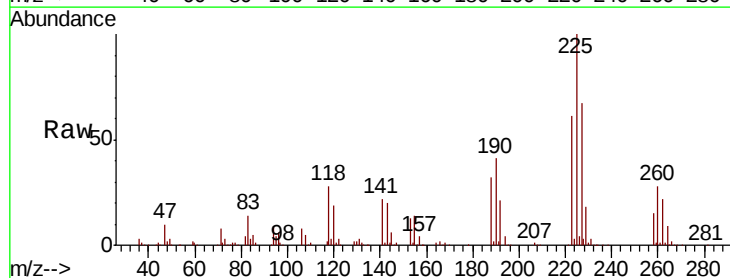
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

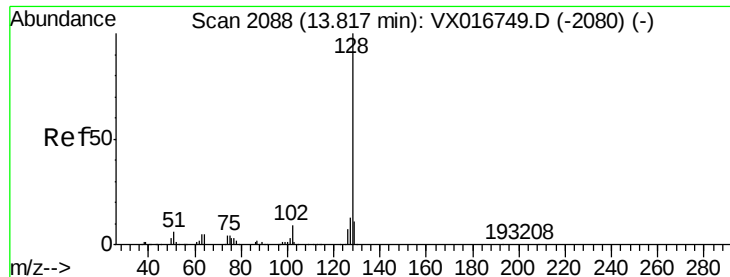
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.6	145.8
145	29.3	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 54.982 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.1	93.5
227	62.8	30.9	92.7

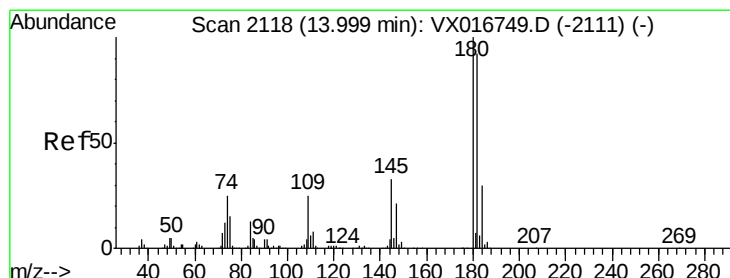
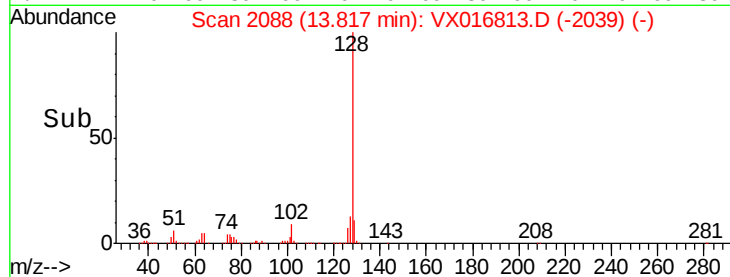
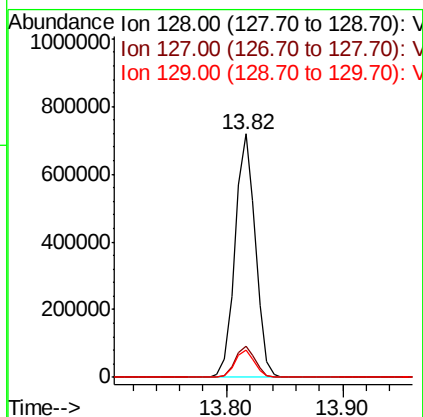
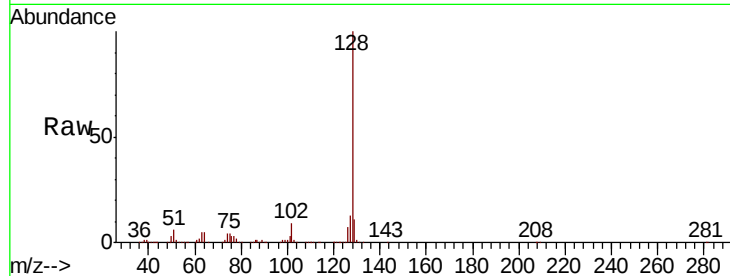




#95
Naphthalene
Concen: 52.586 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 872626
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.442 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion:180 Resp: 273412
Ion Ratio Lower Upper
180 100
182 97.1 47.1 141.4
145 31.8 15.9 47.7

