

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017005.D
 Acq On : 29 Jun 2020 13:02
 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 29 14:57:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 14:55:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	300891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224257	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	171647	37.78	ug/l	0.00
Spiked Amount			Recovery	=	75.56%	
35) Dibromofluoromethane	5.46	113	142789	47.23	ug/l	0.00
Spiked Amount			Recovery	=	94.46%	
50) Toluene-d8	8.70	98	530693	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.12	95	210824	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	149216	52.035	ug/l	100
3) Chloromethane	1.32	50	168794	45.789	ug/l	99
4) Vinyl Chloride	1.39	62	158745	42.045	ug/l	97
5) Bromomethane	1.62	94	83067	29.617	ug/l	99
6) Chloroethane	1.71	64	90923	35.483	ug/l	99
7) Trichlorofluoromethane	1.92	101	238943	38.796	ug/l	99
8) Diethyl Ether	2.17	74	83866	35.350	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	131888	40.006	ug/l	93
10) Methyl Iodide	2.49	142	193649	51.375	ug/l	97
11) Tert butyl alcohol	3.01	59	167509	195.271	ug/l	100
12) 1,1-Dichloroethene	2.36	96	127785	38.314	ug/l	91
13) Acrolein	2.27	56	130042	204.530	ug/l	99
14) Allyl chloride	2.70	41	261428	42.099	ug/l	93
15) Acrylonitrile	3.12	53	405179	203.433	ug/l	98
16) Acetone	2.42	43	313442	176.472	ug/l	96
17) Carbon Disulfide	2.55	76	424649	40.154	ug/l	99
18) Methyl Acetate	2.75	43	173070	40.052	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	496665	42.606	ug/l	99
20) Methylene Chloride	2.83	84	164693	40.790	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	161246	42.792	ug/l	93
22) Diisopropyl ether	3.82	45	509812	41.876	ug/l	90
23) Vinyl Acetate	3.78	43	2218534	208.222	ug/l	98
24) 1,1-Dichloroethane	3.67	63	282597	41.382	ug/l	99
25) 2-Butanone	4.63	43	540739	199.754	ug/l	98
26) 2,2-Dichloropropane	4.55	77	251084	45.452	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	178043	42.758	ug/l	94
28) Bromochloromethane	4.98	49	114384	35.844	ug/l	89
29) Tetrahydrofuran	5.09	42	365636	205.464	ug/l	98
30) Chloroform	5.18	83	287941	41.982	ug/l	100
31) Cyclohexane	5.55	56	254024	44.528	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	260994	42.475	ug/l	97
36) 1,1-Dichloropropene	5.77	75	217262	47.938	ug/l	97
37) Ethyl Acetate	4.79	43	216613	44.473	ug/l	99
38) Carbon Tetrachloride	5.75	117	243814	50.831	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	262553	53.534	ug/l	99
40) Benzene	6.11	78	636671	48.780	ug/l	99
41) Methacrylonitrile	5.00	41	122665	45.194	ug/l	97
42) 1,2-Dichloroethane	6.16	62	229784	44.809	ug/l	97
43) Isopropyl Acetate	6.41	43	351700	42.922	ug/l	96
44) Trichloroethene	7.19	130	183707	52.874	ug/l	90
45) 1,2-Dichloropropane	7.49	63	164012	47.005	ug/l	95
46) Dibromomethane	7.63	93	111325	46.964	ug/l	92
47) Bromodichloromethane	7.87	83	231045	46.601	ug/l	99
48) Methyl methacrylate	7.74	41	174421	45.585	ug/l	92
49) 1,4-Dioxane	7.71	88	78596	987.505	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1096302	233.775	ug/l	97
52) Toluene	8.76	92	414194	51.487	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	259047	48.791	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	279992	50.166	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	164635	49.807	ug/l	98
56) Ethyl methacrylate	9.16	69	243100	49.071	ug/l	93
57) 1,3-Dichloropropane	9.35	76	272993	48.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	611826	239.043	ug/l	95
59) 2-Hexanone	9.47	43	833311	236.208	ug/l	97
60) Dibromochloromethane	9.56	129	196155	52.057	ug/l	98
61) 1,2-Dibromoethane	9.65	107	176096	49.896	ug/l	98
64) Tetrachloroethene	9.32	164	178859	60.219	ug/l	95
65) Chlorobenzene	10.12	112	445885	49.693	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	173185	51.934	ug/l	99
67) Ethyl Benzene	10.23	91	783350	49.733	ug/l	98
68) m/p-Xylenes	10.34	106	609582	104.172	ug/l	98
69) o-Xylene	10.68	106	288854	51.740	ug/l	97
70) Styrene	10.70	104	508257	53.444	ug/l	97
71) Bromoform	10.84	173	145006	54.689	ug/l #	98
73) Isopropylbenzene	11.00	105	785686	50.884	ug/l	98
74) N-amyl acetate	10.88	43	328466	45.110	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	224406	43.187	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	286132	60.798	ug/l	86
77) Bromobenzene	11.24	156	199903	49.935	ug/l	93
78) n-propylbenzene	11.34	91	901801	49.483	ug/l	97
79) 2-Chlorotoluene	11.40	91	533804	48.709	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	663710	51.716	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	88978	48.000	ug/l	91
82) 4-Chlorotoluene	11.49	91	633941	49.149	ug/l	97
83) tert-Butylbenzene	11.76	119	645387	51.633	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	682101	52.544	ug/l	99
85) sec-Butylbenzene	11.93	105	769808	52.823	ug/l	99
86) p-Isopropyltoluene	12.05	119	728624	54.720	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	363612	50.606	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	362240	49.384	ug/l	98
89) n-Butylbenzene	12.37	91	628746	50.165	ug/l	98
90) Hexachloroethane	12.58	117	133171	48.244	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	345594	50.733	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51347	43.185	ug/l	86

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Quant Title : SW846 8260
QLast Update : Mon Jun 29 14:55:09 2020
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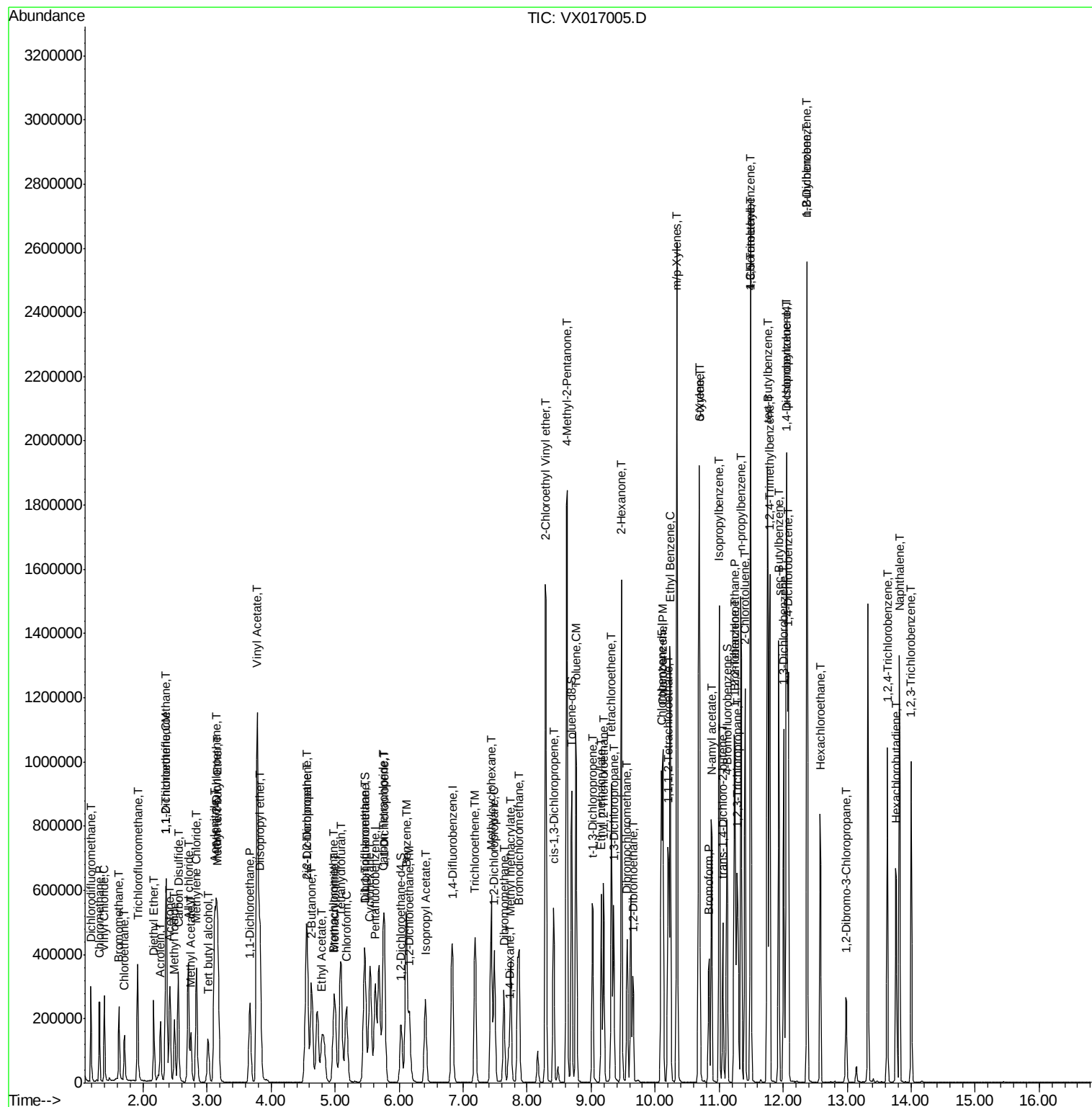
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	239786	54.019	ug/l	98
94) Hexachlorobutadiene	13.77	225	96800	60.699	ug/l	98
95) Naphthalene	13.82	128	757907	51.957	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	235603	55.343	ug/l	98

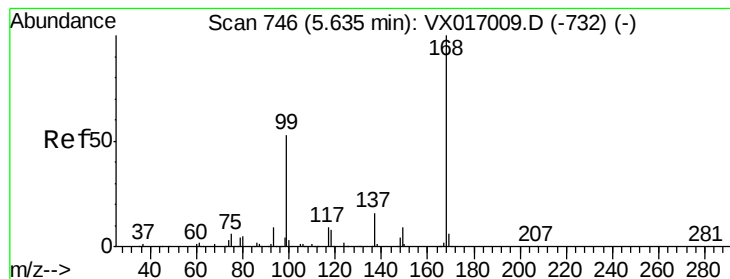
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

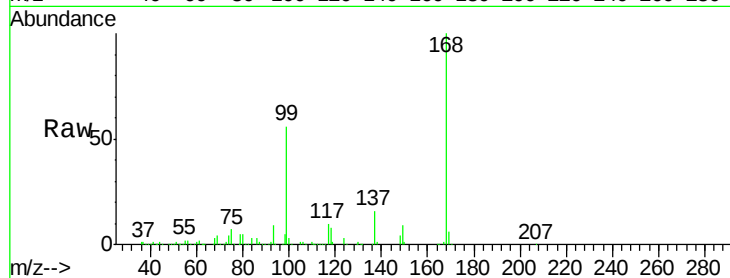
VSTDCCC050

Tot Ion:168 Resp: 300891

Ion Ratio Lower Upper

168 100

99 55.6 50.2 75.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

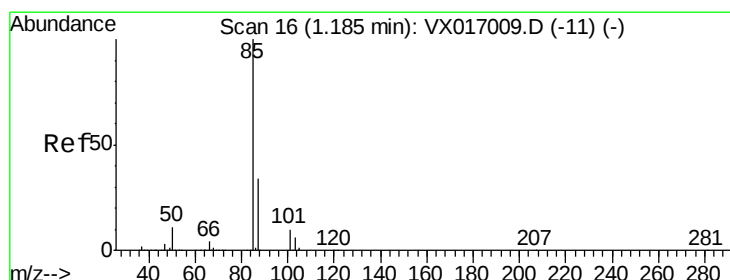
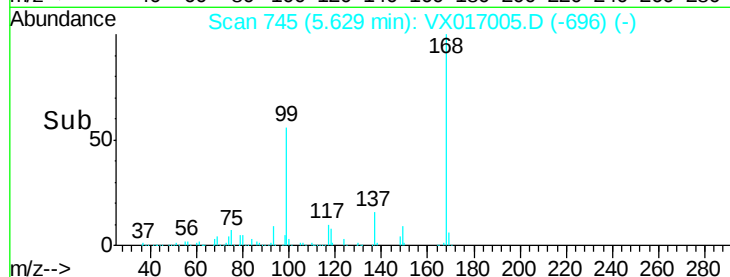
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.035 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017005.D

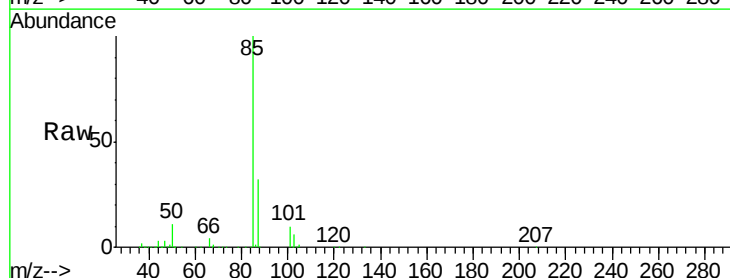
Acq: 29 Jun 2020 13:02

Tgt Ion: 85 Resp: 149216

Ion Ratio Lower Upper

85 100

87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

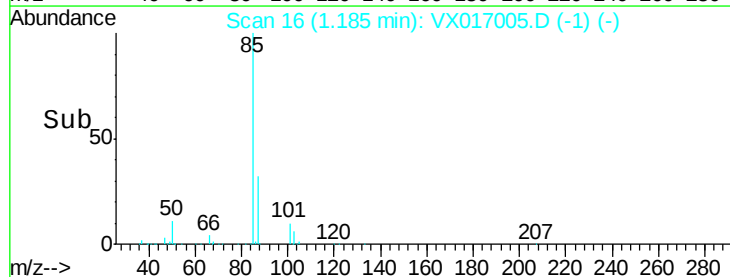
150000

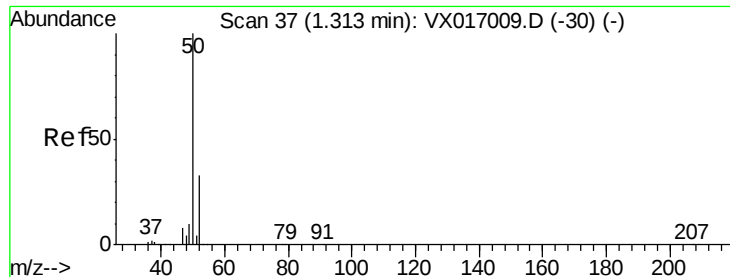
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.789 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

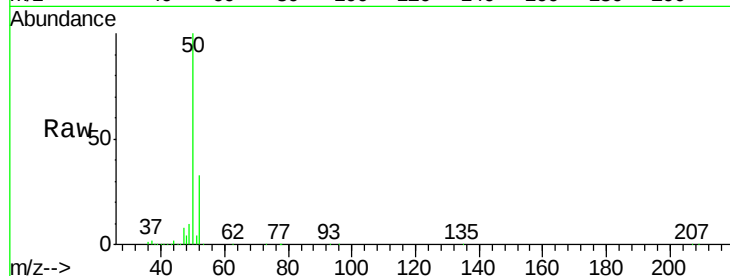
VSTDCCC050

Tot Ion: 50 Resp: 168794

Ion Ratio Lower Upper

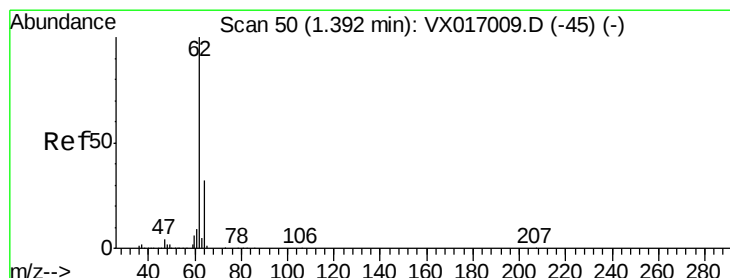
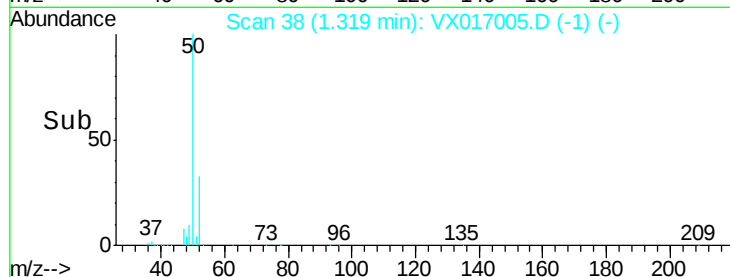
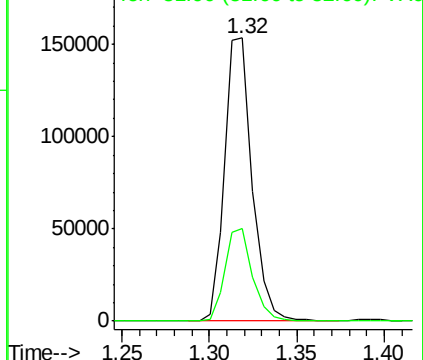
50 100

52 32.5 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.045 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017005.D

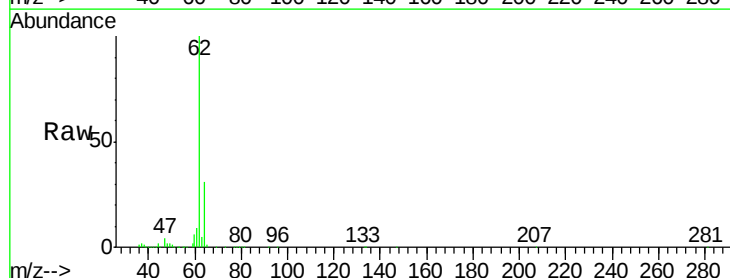
Acq: 29 Jun 2020 13:02

Tgt Ion: 62 Resp: 158745

Ion Ratio Lower Upper

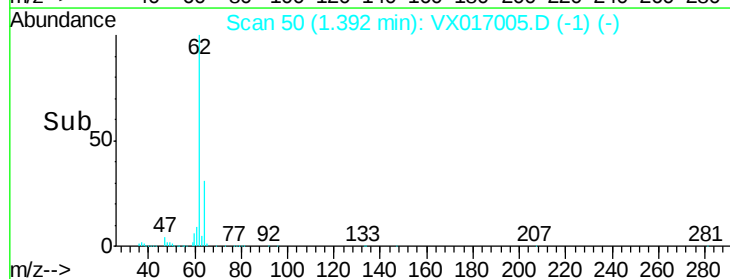
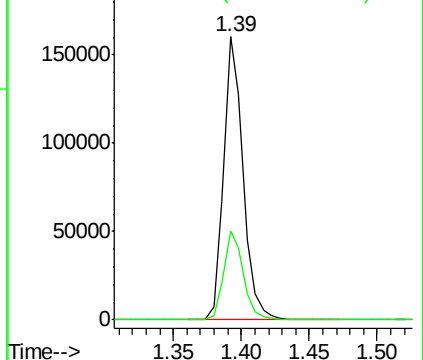
62 100

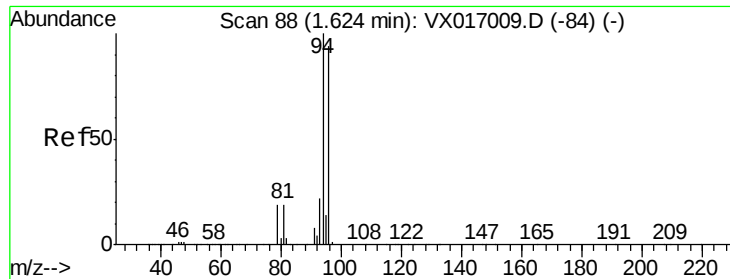
64 31.4 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 29.617 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

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ClientSampleId :

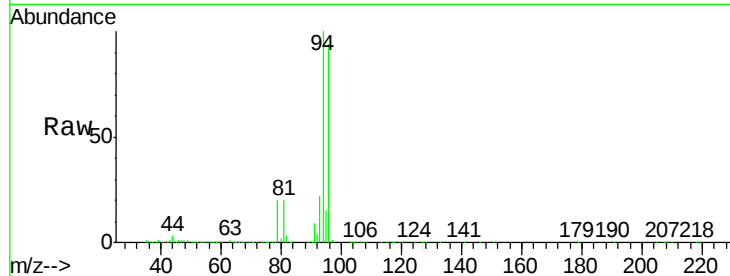
VSTDCCC050

Tot Ion: 94 Resp: 83067

Ion Ratio Lower Upper

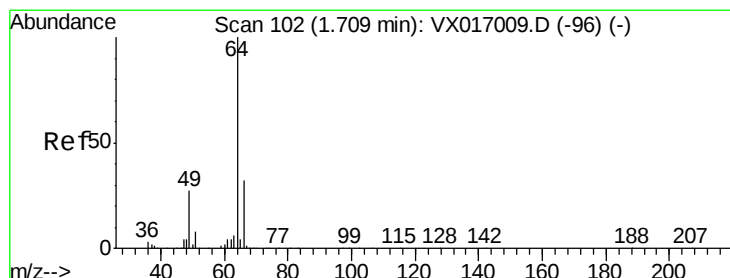
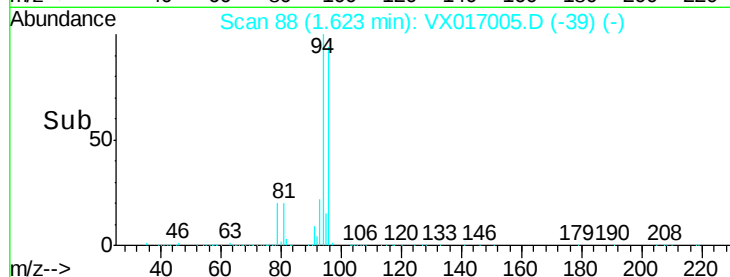
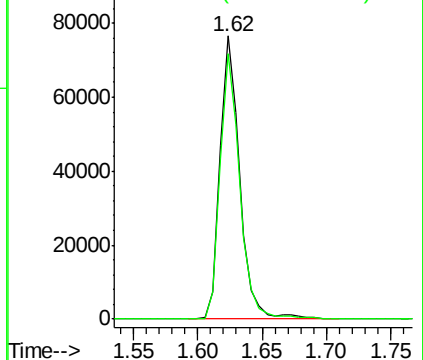
94 100

96 93.6 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 35.483 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017005.D

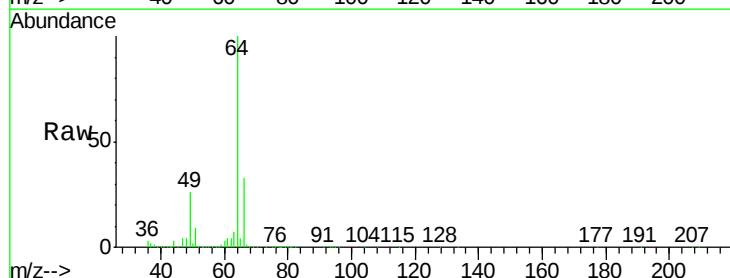
Acq: 29 Jun 2020 13:02

Tgt Ion: 64 Resp: 90923

Ion Ratio Lower Upper

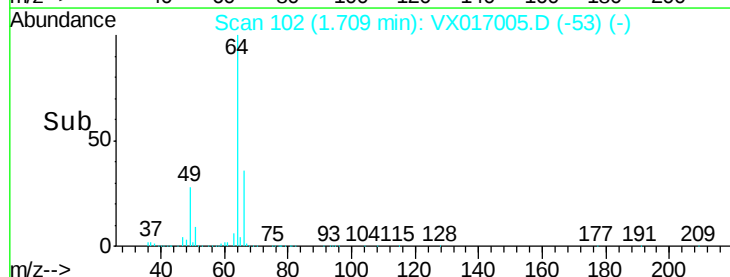
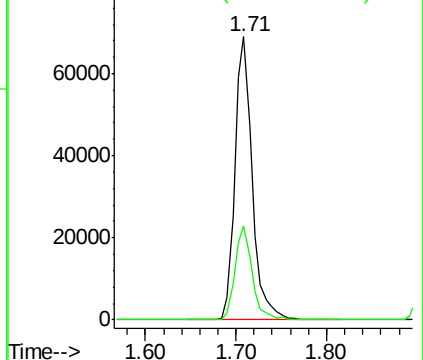
64 100

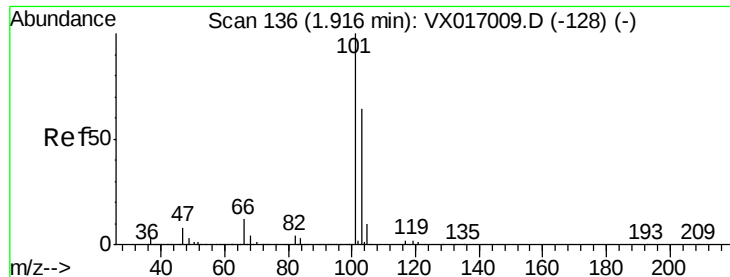
66 33.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



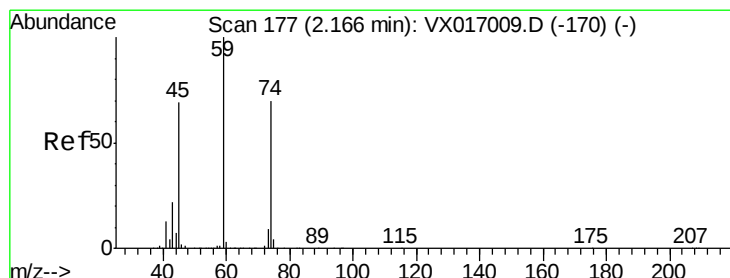
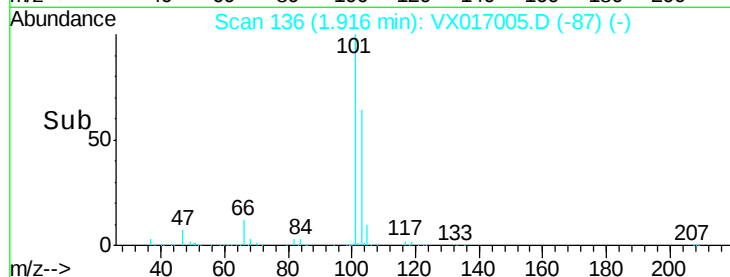
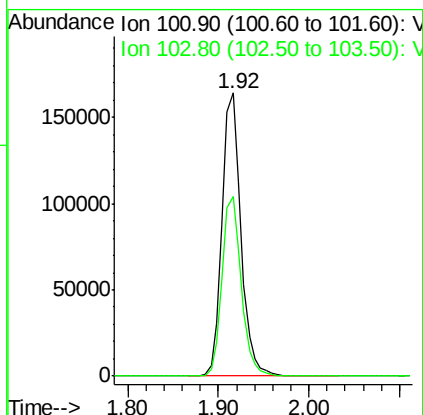
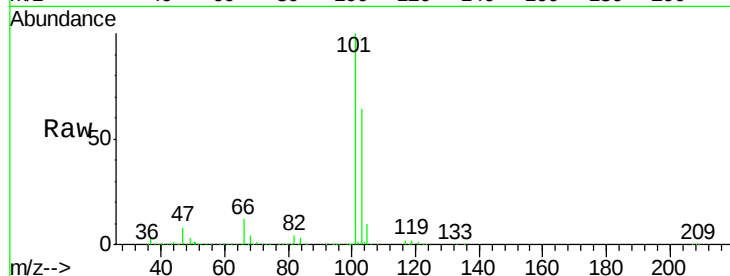


#7

Trichlorofluoromethane
Concen: 38.796 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017005.D
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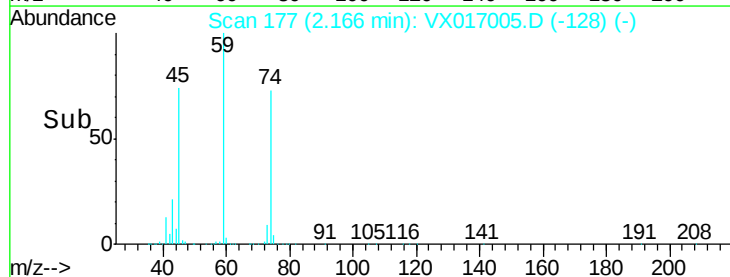
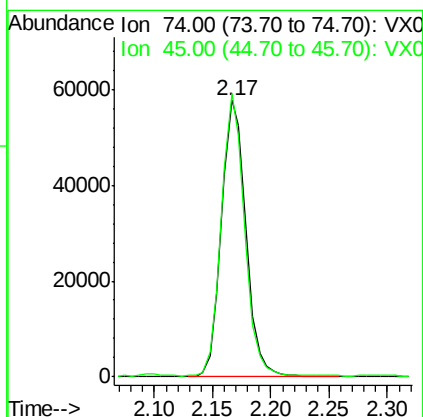
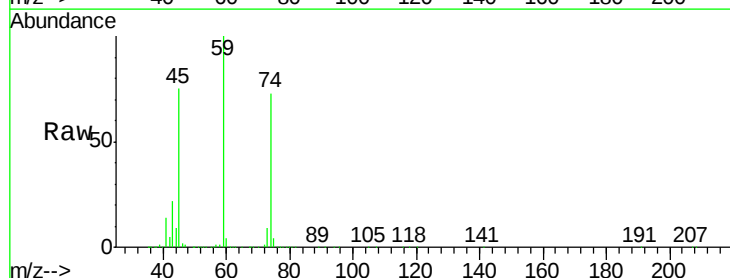
Tot Ion:101 Resp: 238943
Ion Ratio Lower Upper
101 100
103 63.6 50.2 75.4

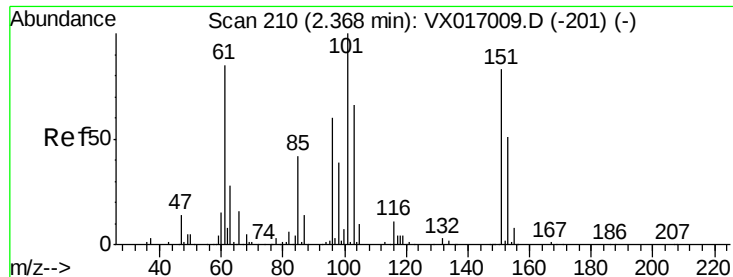


#8

Diethyl Ether
Concen: 35.350 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion: 74 Resp: 83866
Ion Ratio Lower Upper
74 100
45 97.0 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.006 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017005.D

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VSTDCCC050

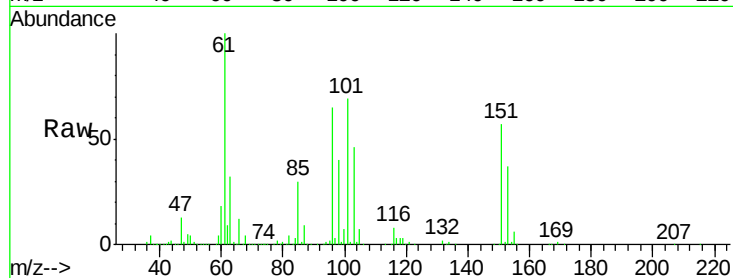
Tot Ion:101 Resp: 131888

Ion Ratio Lower Upper

101 100

85 44.0 36.8 55.2

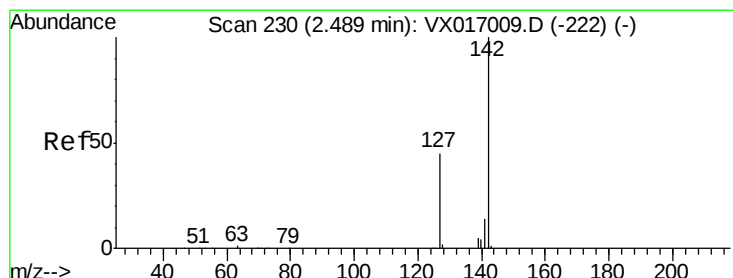
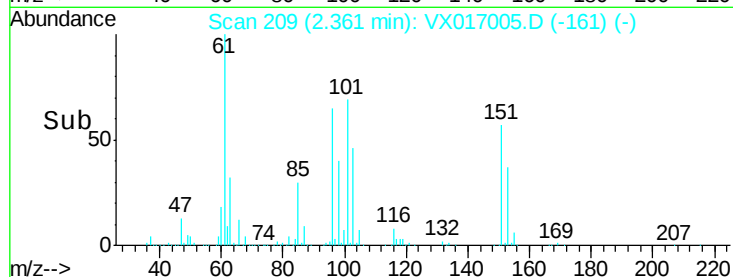
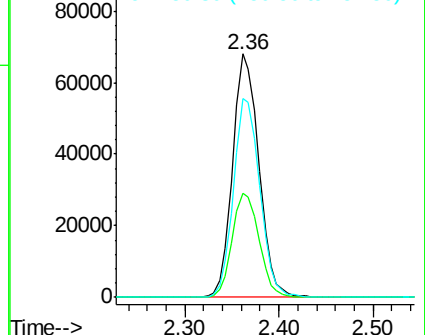
151 82.4 59.8 89.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.375 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

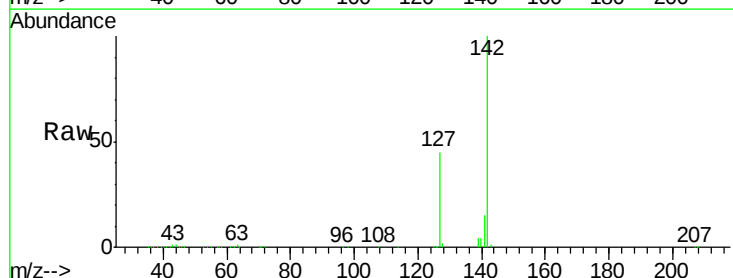
Tgt Ion:142 Resp: 193649

Ion Ratio Lower Upper

142 100

127 44.3 37.4 56.0

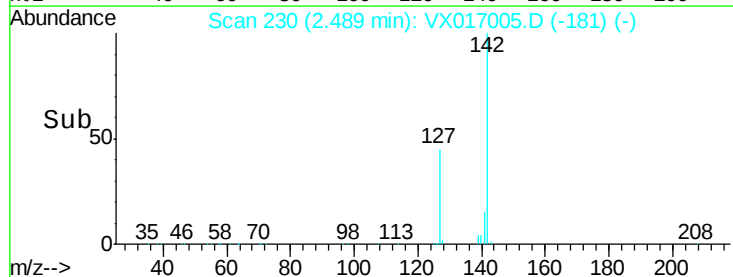
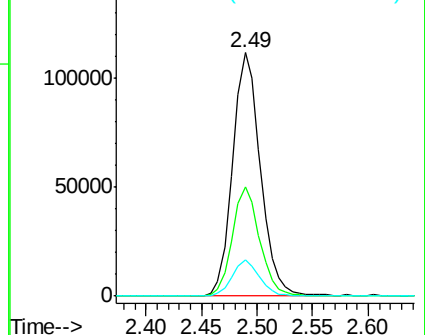
141 14.5 11.7 17.5

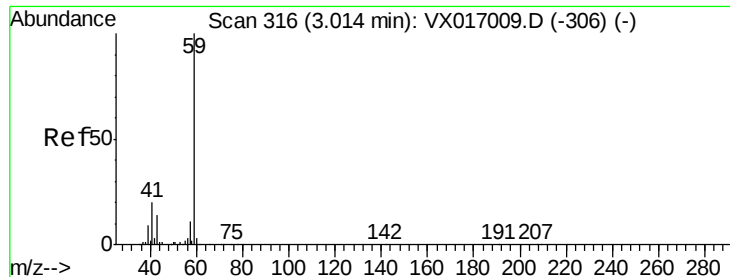


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



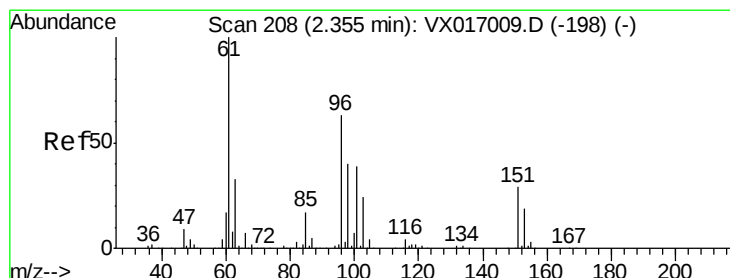
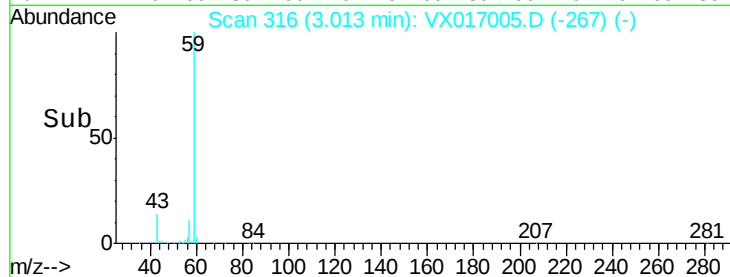
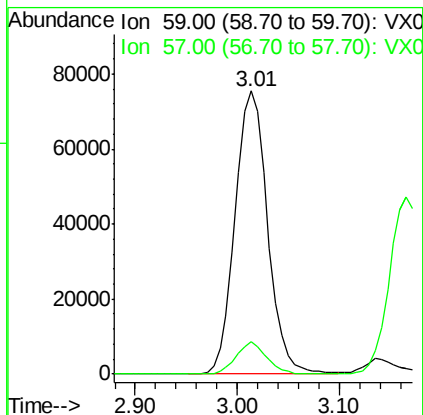
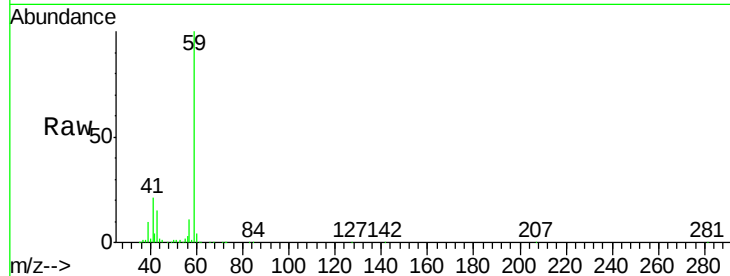


#11

Tert butyl alcohol
 Concen: 195.271 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

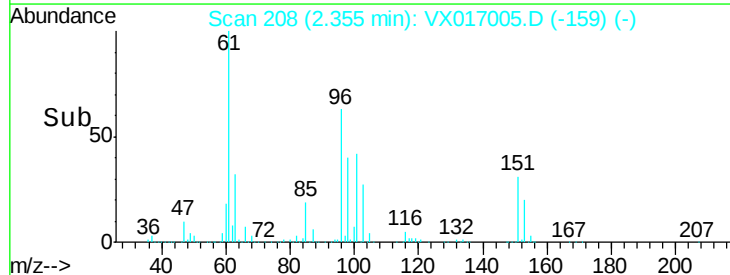
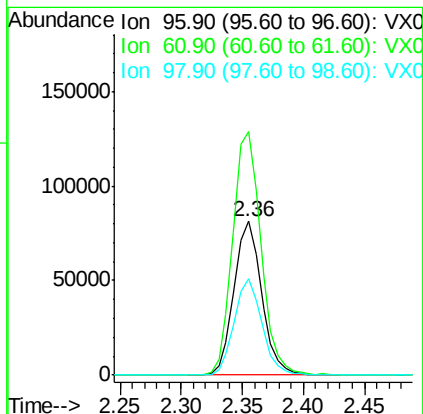
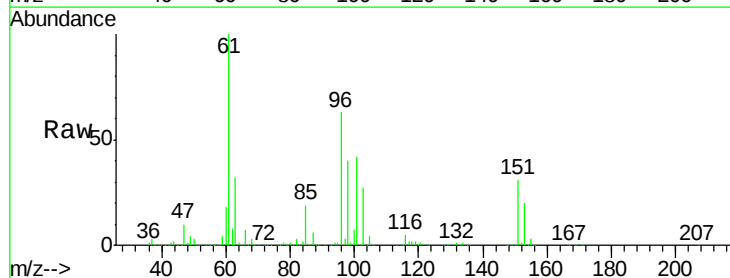
Tot Ion: 59 Resp: 167509
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.5 12.7

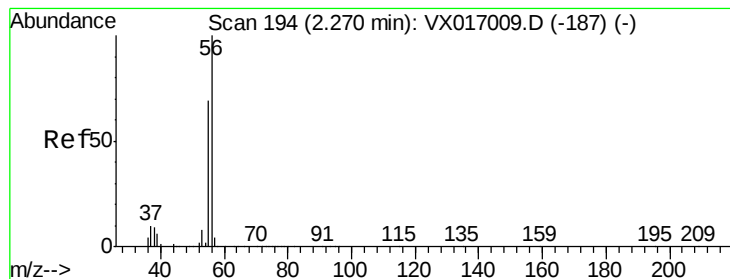


#12

1,1-Dichloroethene
 Concen: 38.314 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion: 96 Resp: 127785
 Ion Ratio Lower Upper
 96 100
 61 158.6 139.7 209.5
 98 62.7 51.0 76.6





#13

Acrolein

Concen: 204.530 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

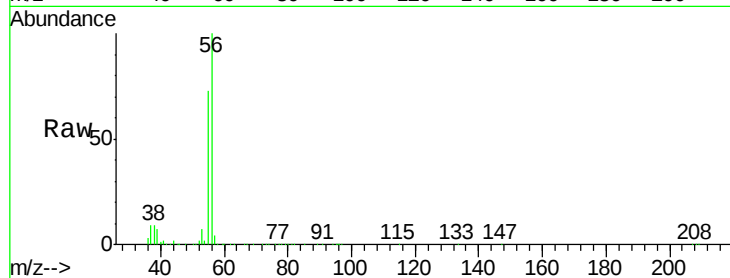
VSTDCCC050

Tot Ion: 56 Resp: 130042

Ion Ratio Lower Upper

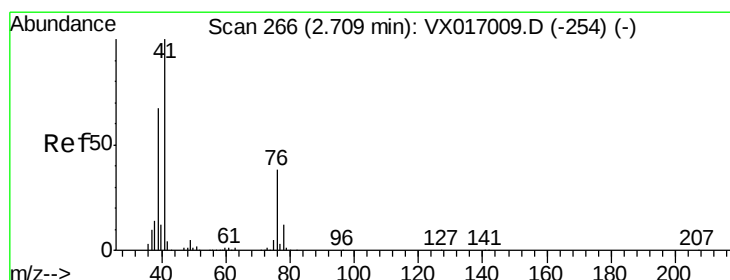
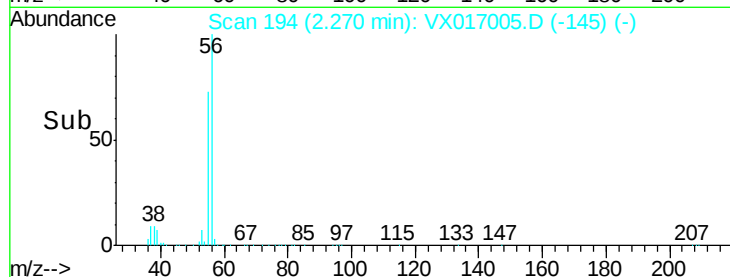
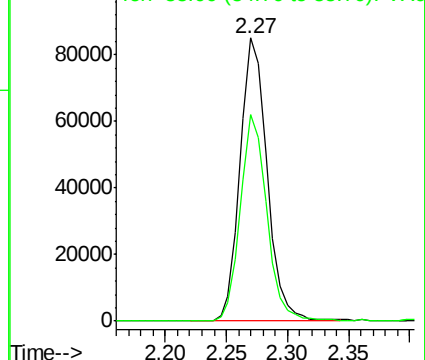
56 100

55 71.3 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 42.099 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

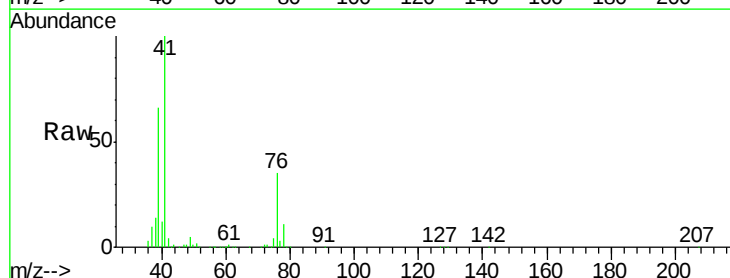
Tgt Ion: 41 Resp: 261428

Ion Ratio Lower Upper

41 100

39 62.8 56.4 84.6

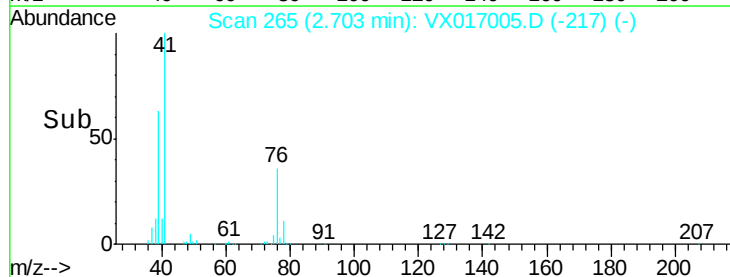
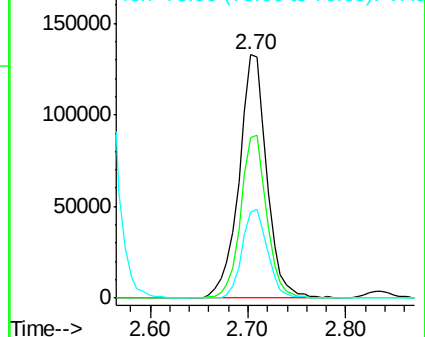
76 33.5 26.5 39.7

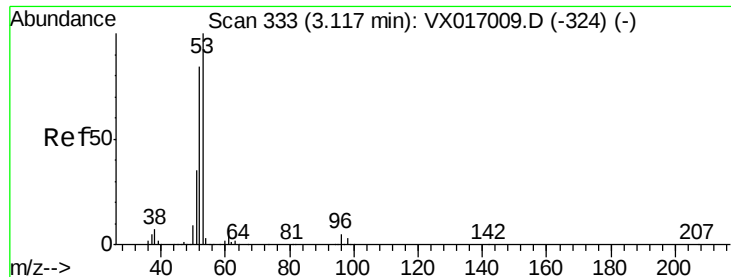


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 203.433 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

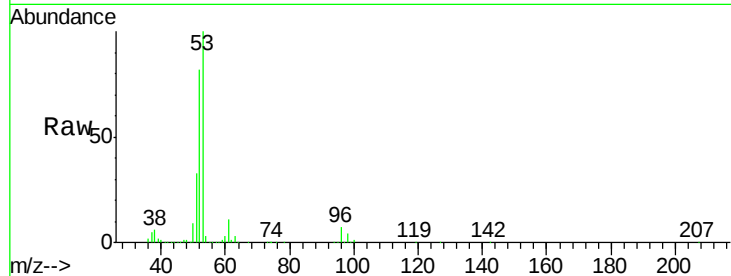
Tot Ion: 53 Resp: 405179

Ion Ratio Lower Upper

53 100

52 81.6 66.3 99.5

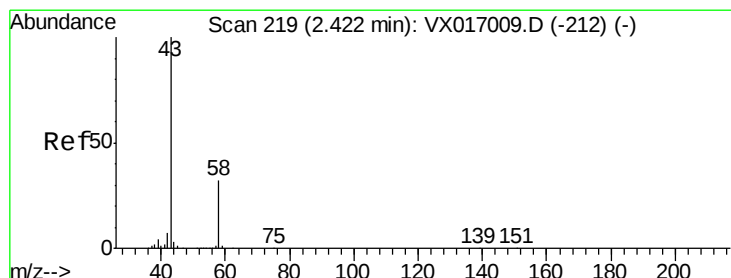
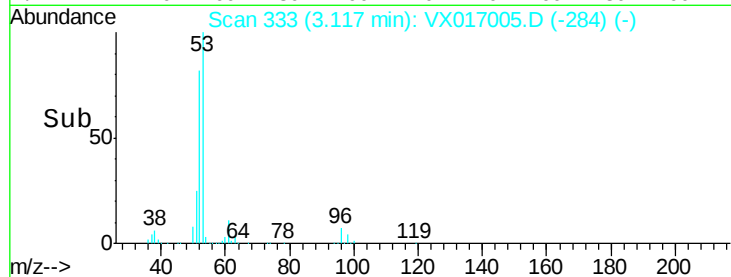
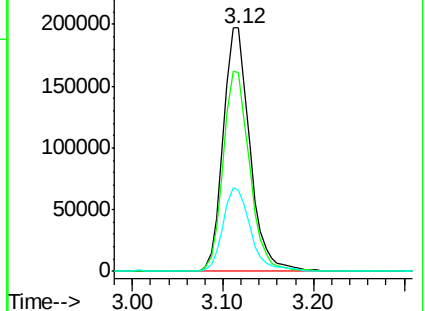
51 35.2 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 176.472 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017005.D

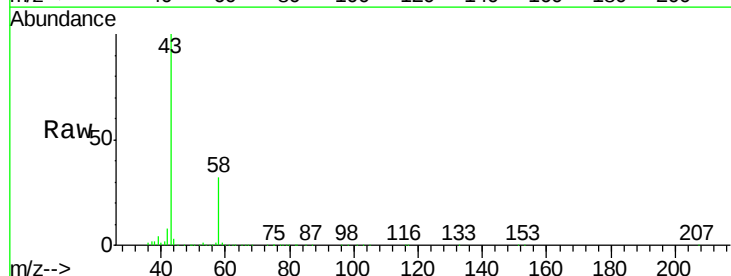
Acq: 29 Jun 2020 13:02

Tgt Ion: 43 Resp: 313442

Ion Ratio Lower Upper

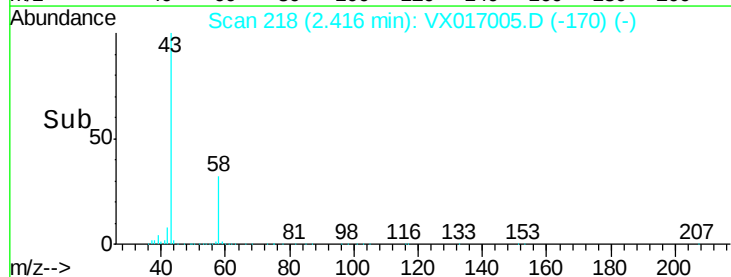
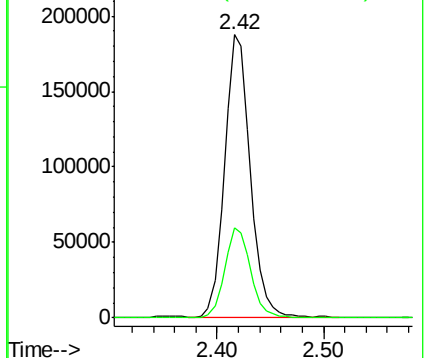
43 100

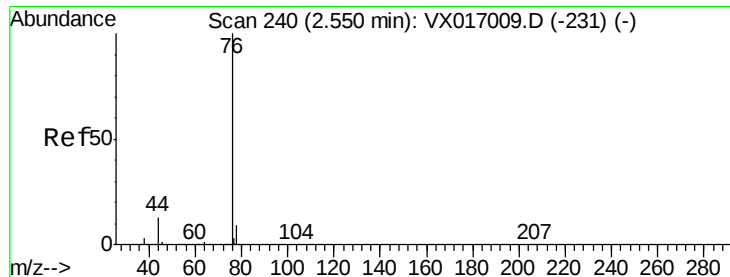
58 31.7 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 40.154 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

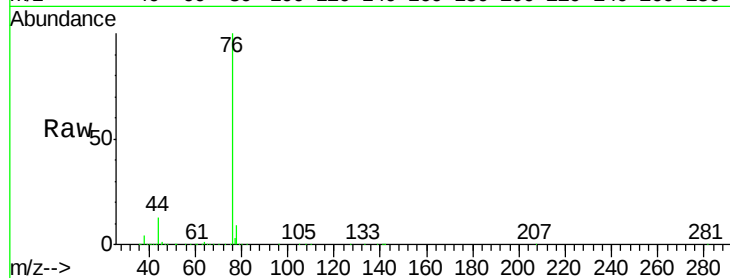
VSTDCCC050

Tot Ion: 76 Resp: 424649

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

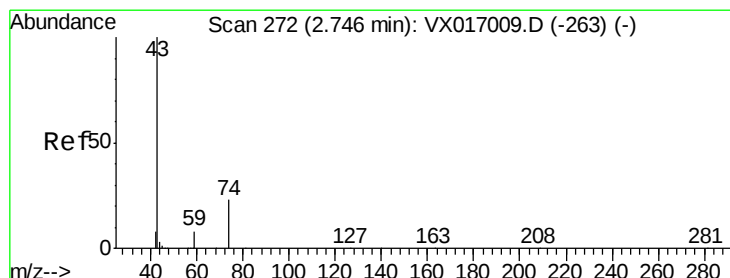
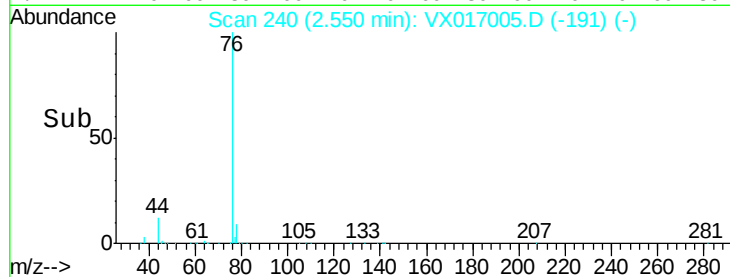
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 40.052 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017005.D

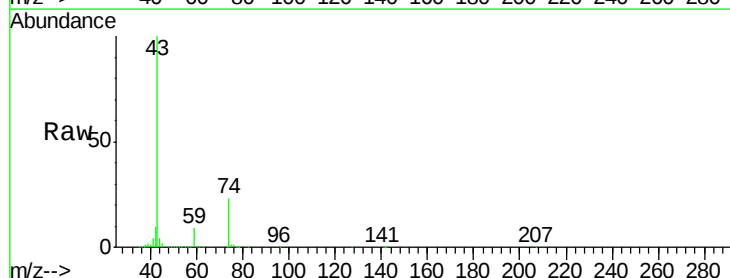
Acq: 29 Jun 2020 13:02

Tgt Ion: 43 Resp: 173070

Ion Ratio Lower Upper

43 100

74 24.2 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

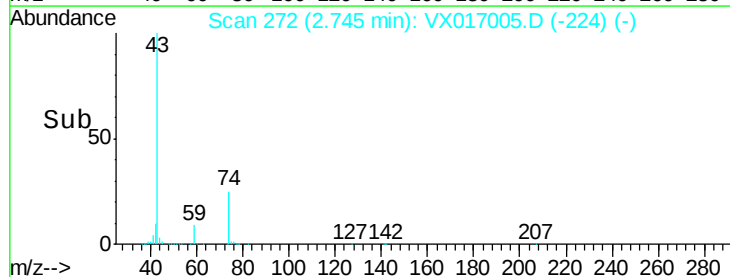
60000

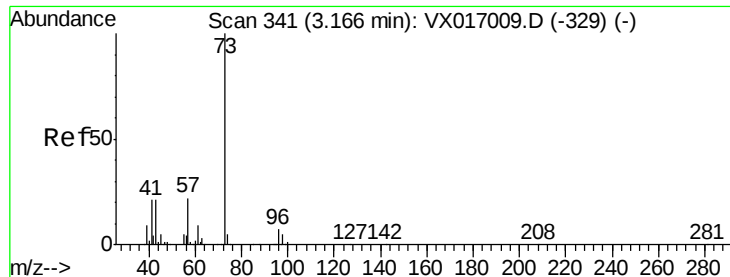
40000

20000

0

Time-->



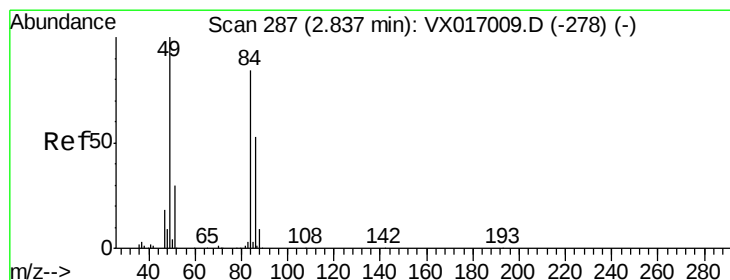
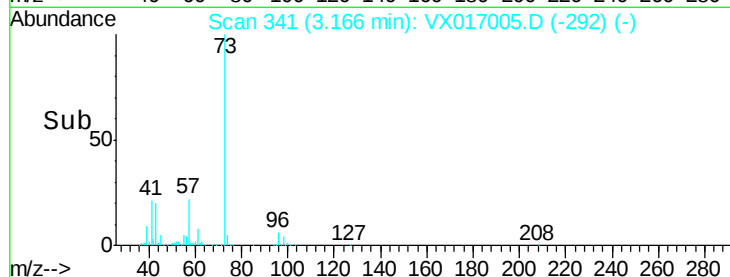
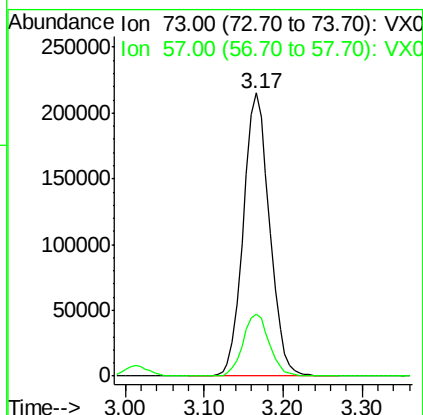
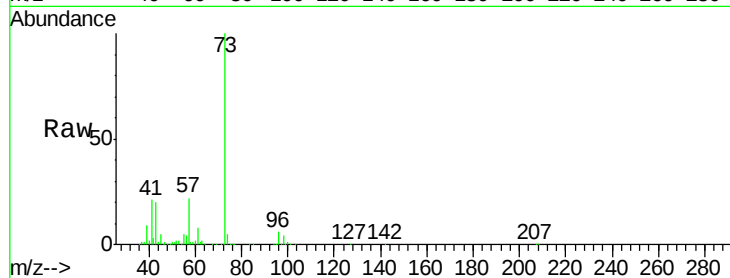


#19

Methyl tert-butyl Ether
 Concen: 42.606 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

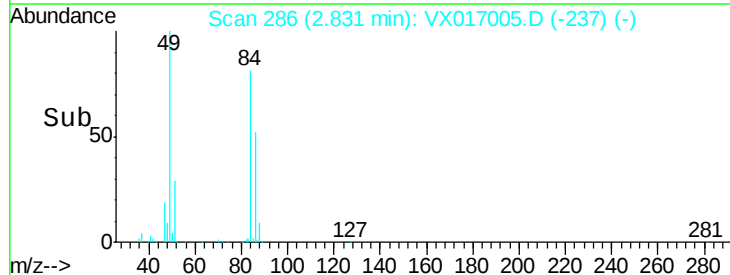
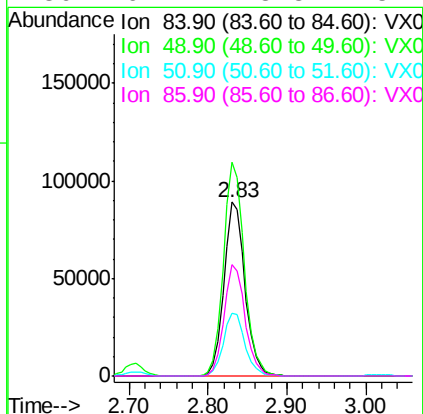
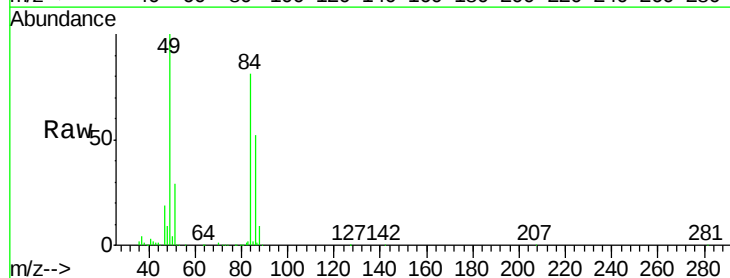
Tot Ion: 73 Resp: 496665
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.8

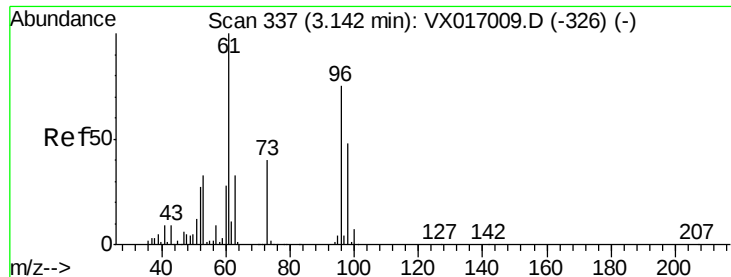


#20

Methylene Chloride
 Concen: 40.790 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion: 84 Resp: 164693
 Ion Ratio Lower Upper
 84 100
 49 123.0 105.6 158.4
 51 36.1 31.2 46.8
 86 64.2 48.8 73.2





#21

trans-1,2-Dichloroethene

Concen: 42.792 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

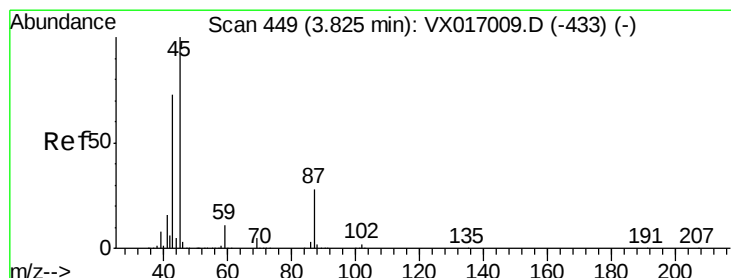
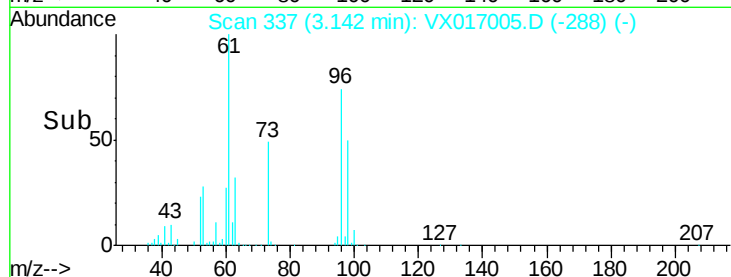
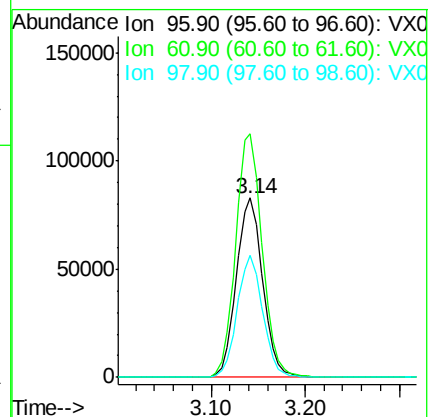
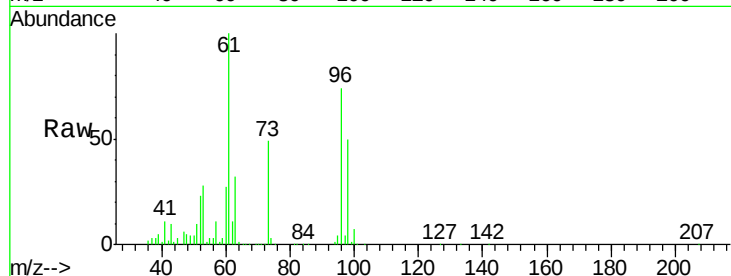
Tot Ion: 96 Resp: 161246

Ion Ratio Lower Upper

96 100

61 135.7 116.7 175.1

98 67.7 50.7 76.1



#22

Diisopropyl ether

Concen: 41.876 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Tgt Ion: 45 Resp: 509812

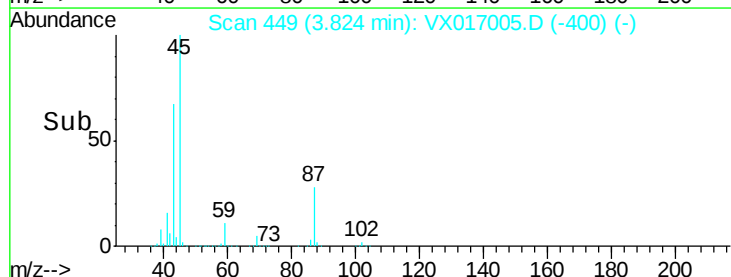
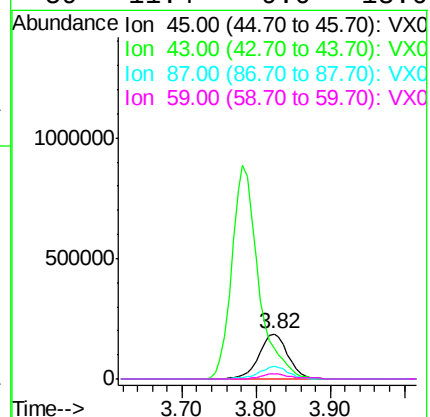
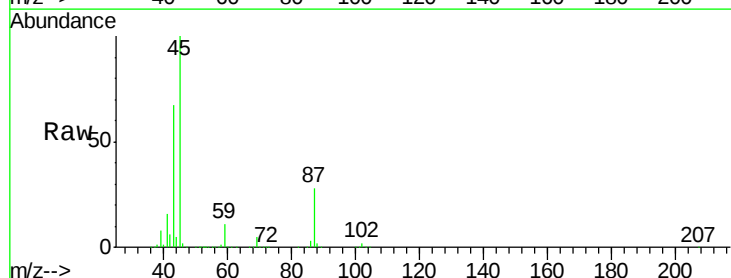
Ion Ratio Lower Upper

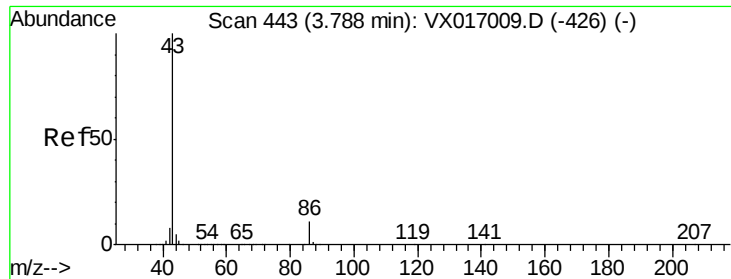
45 100

43 67.0 62.7 94.1

87 28.1 21.0 31.4

59 11.4 9.0 13.6





#23

Vinyl Acetate

Concen: 208.222 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

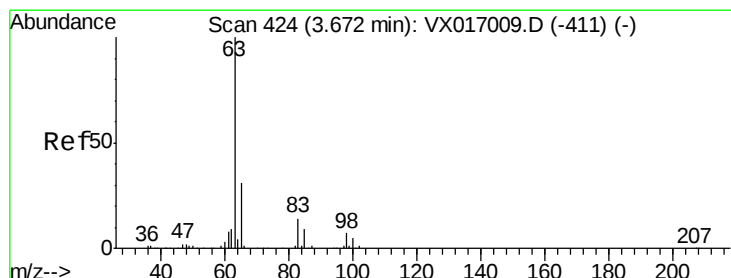
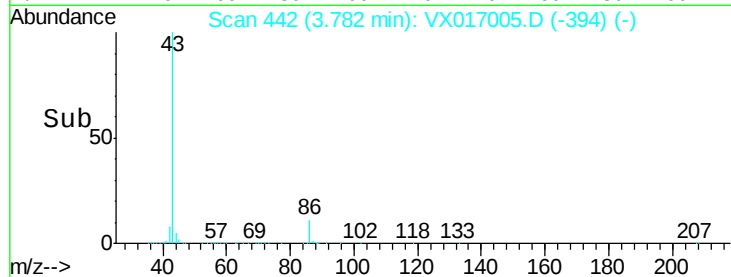
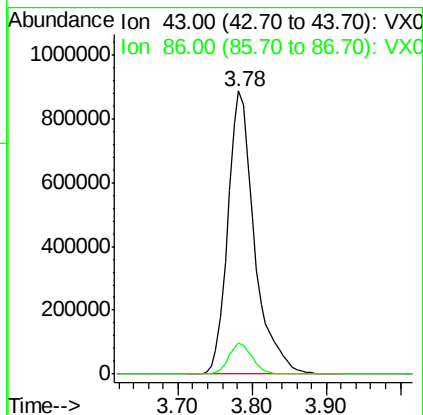
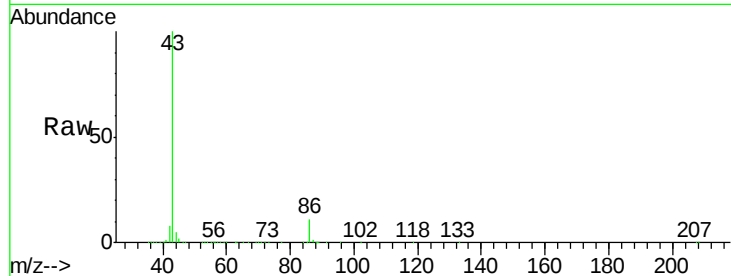
VSTDCCC050

Tot Ion: 43 Resp: 2218534

Ion Ratio Lower Upper

43 100

86 10.9 8.2 12.2



#24

1,1-Dichloroethane

Concen: 41.382 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

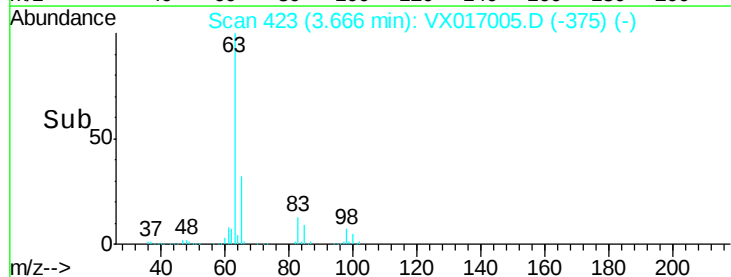
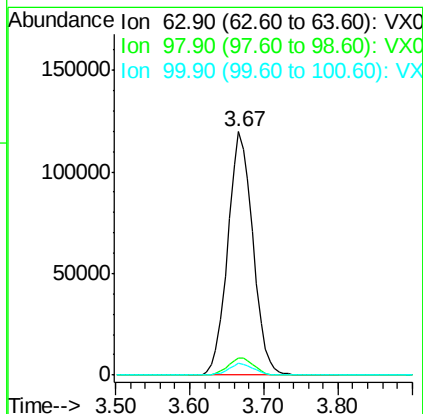
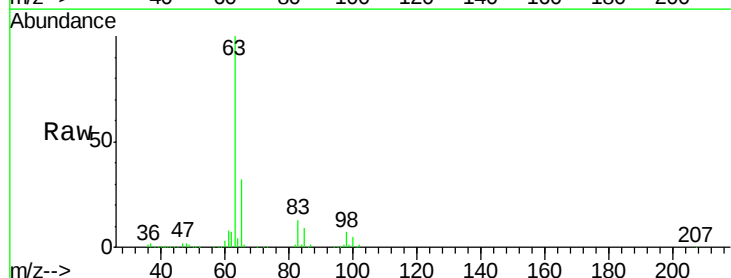
Tgt Ion: 63 Resp: 282597

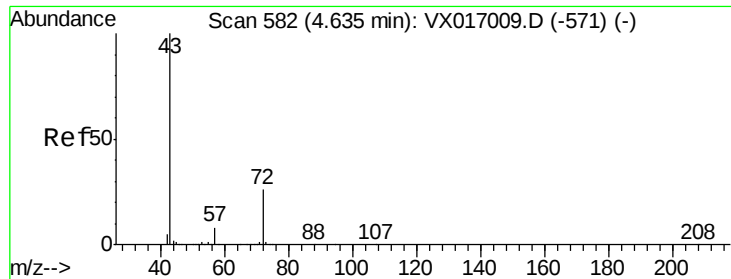
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 5.0 2.1 6.3





#25

2-Butanone

Concen: 199.754 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

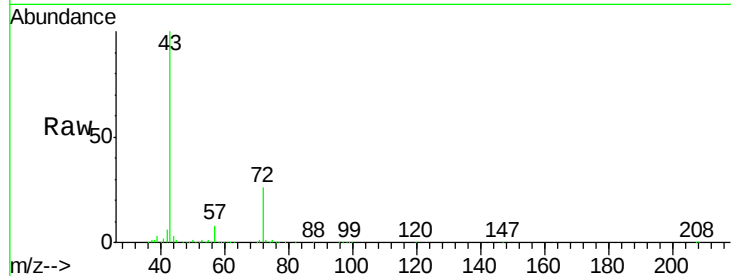
VSTDCCC050

Tot Ion: 43 Resp: 540739

Ion Ratio Lower Upper

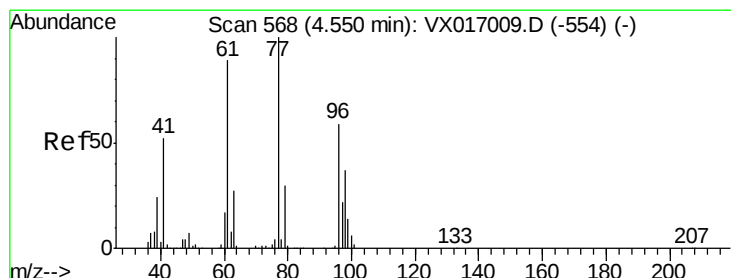
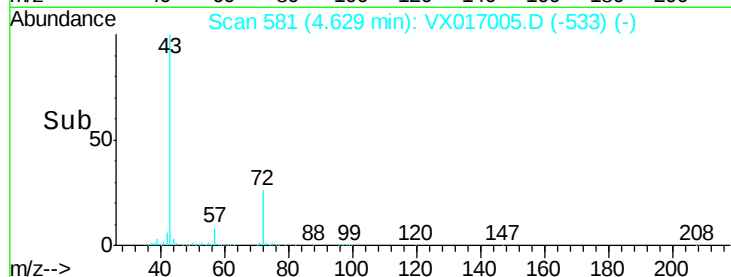
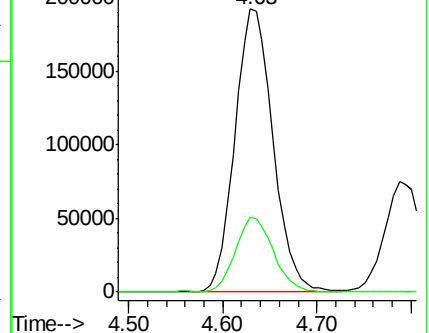
43 100

72 26.1 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.452 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017005.D

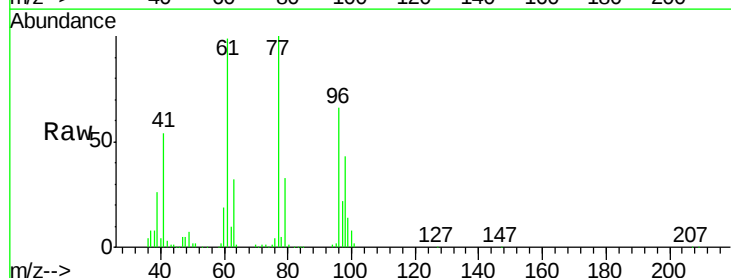
Acq: 29 Jun 2020 13:02

Tgt Ion: 77 Resp: 251084

Ion Ratio Lower Upper

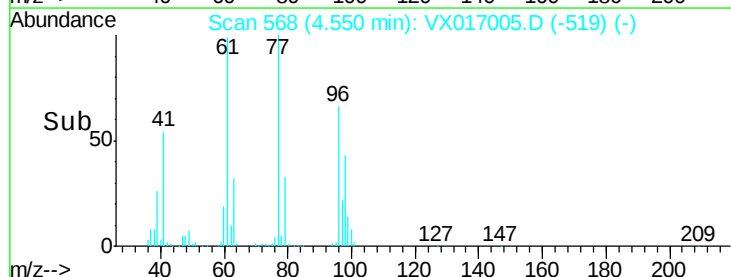
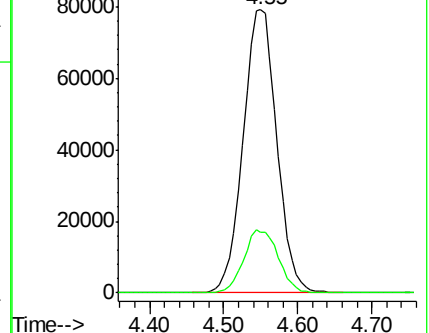
77 100

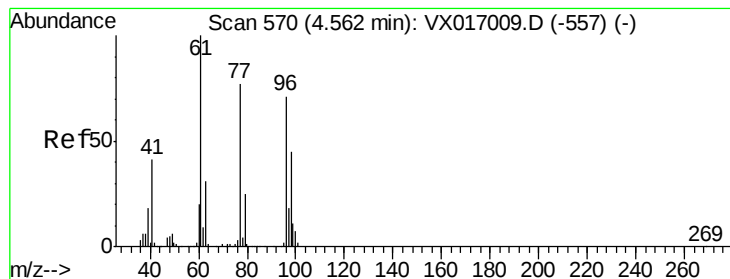
97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 42.758 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

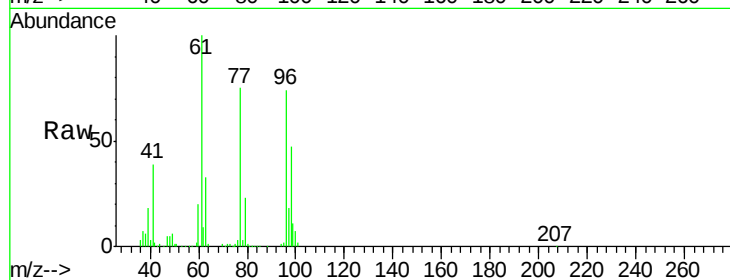
Tot Ion: 96 Resp: 178043

Ion Ratio Lower Upper

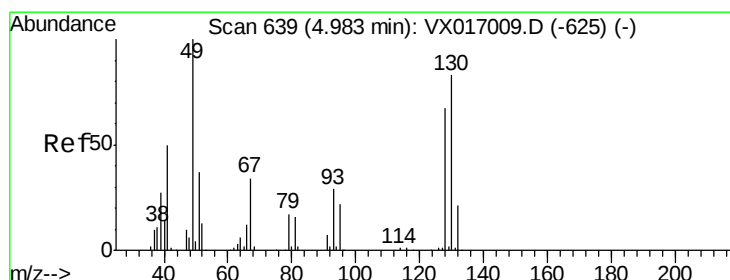
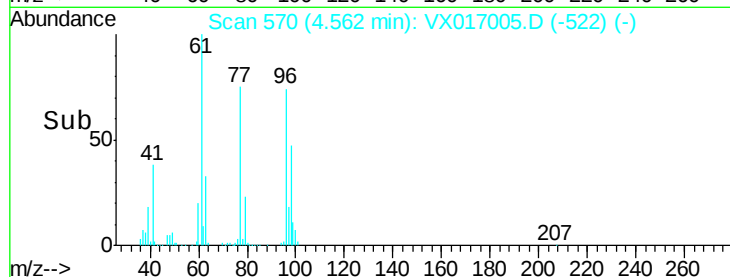
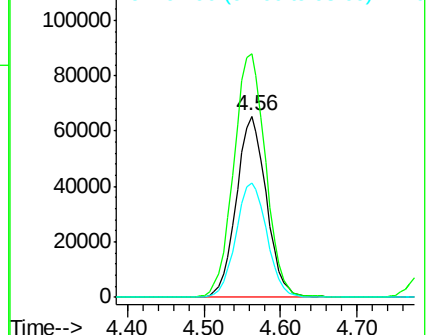
96 100

61 143.1 0.0 307.2

98 65.2 0.0 128.4



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



#28

Bromochloromethane

Concen: 35.844 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

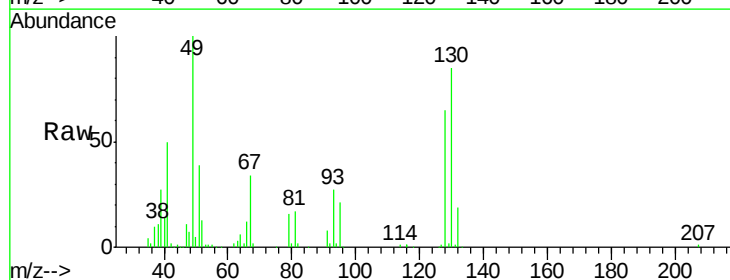
Tgt Ion: 49 Resp: 114384

Ion Ratio Lower Upper

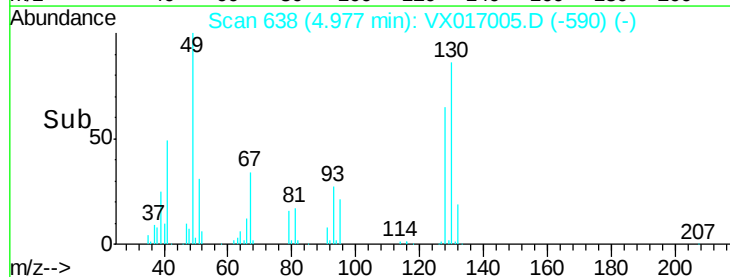
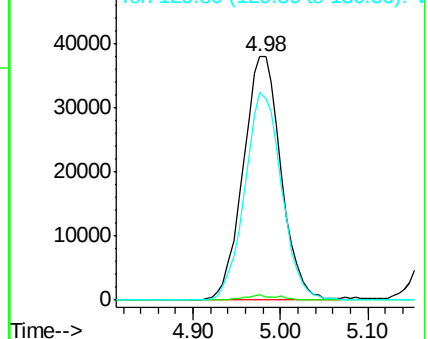
49 100

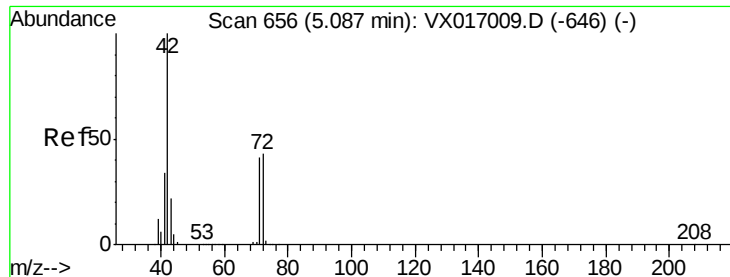
129 2.0 0.0 4.4

130 83.3 58.7 88.1



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

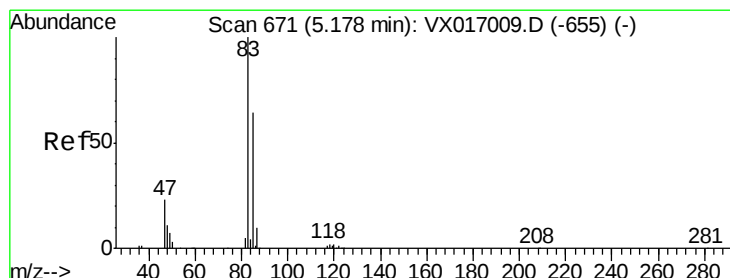
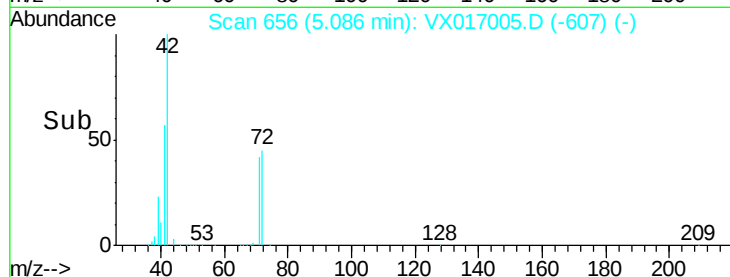
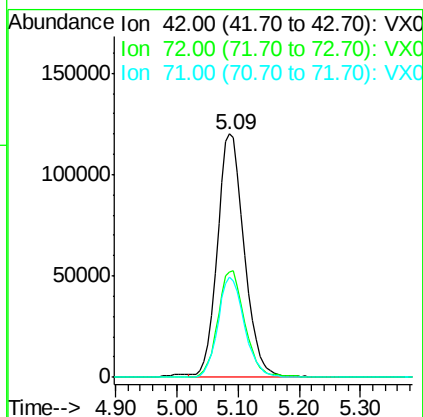
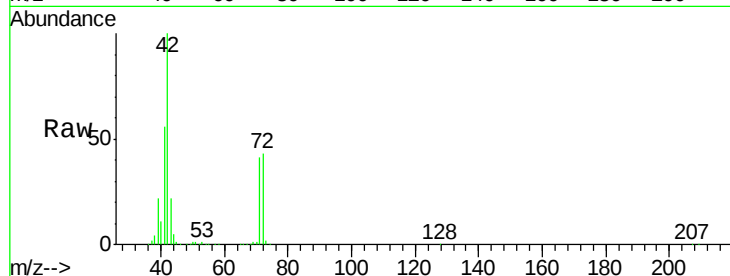




#29
Tetrahydrofuran
Concen: 205.464 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

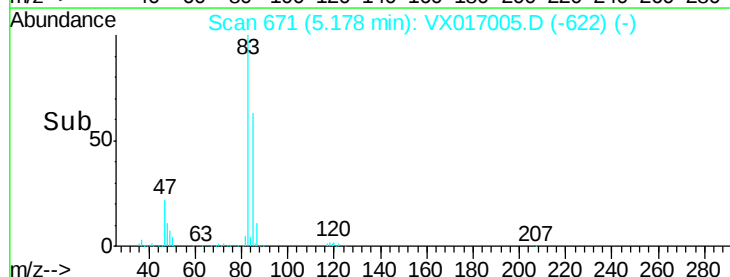
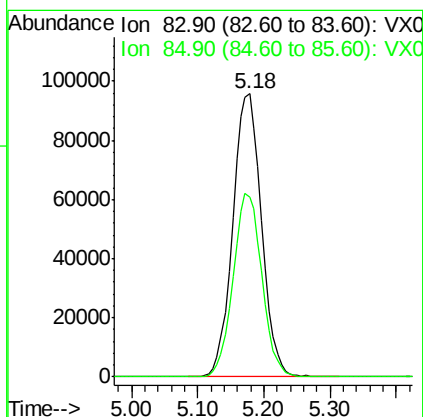
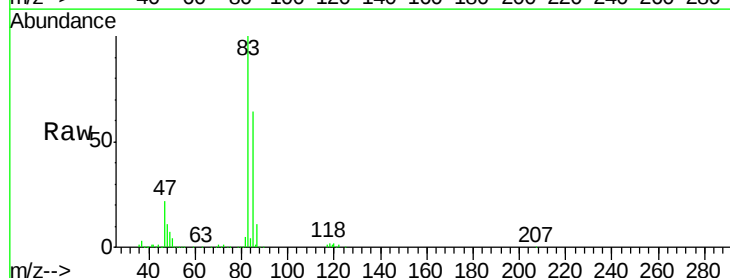
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

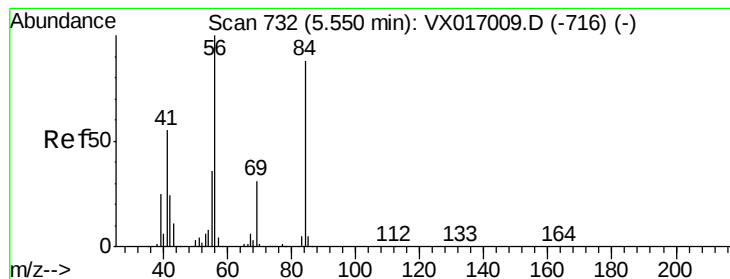
Tot Ion: 42 Resp: 365636
Ion Ratio Lower Upper
42 100
72 44.2 34.1 51.1
71 40.6 32.1 48.1



#30
Chloroform
Concen: 41.982 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion: 83 Resp: 287941
Ion Ratio Lower Upper
83 100
85 63.6 50.7 76.1





#31

Cyclohexane

Concen: 44.528 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

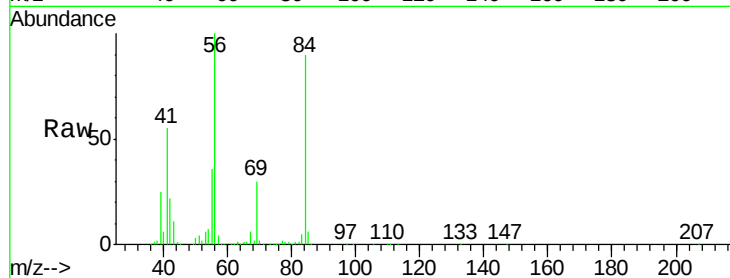
Tot Ion: 56 Resp: 254024

Ion Ratio Lower Upper

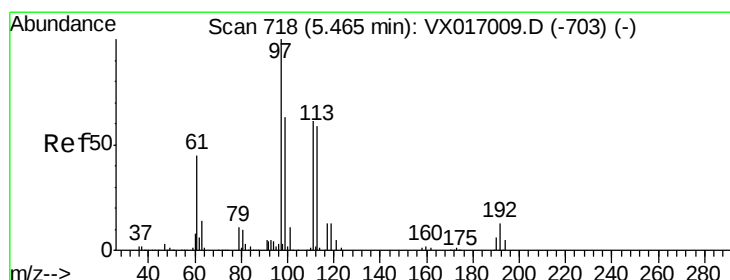
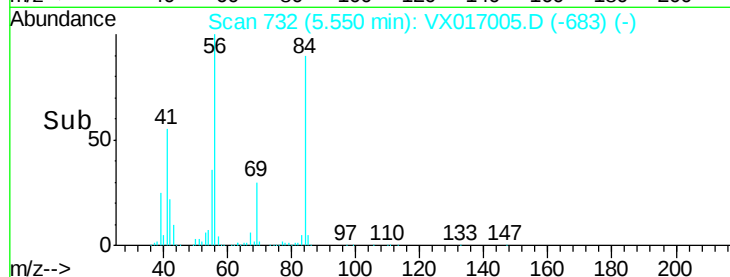
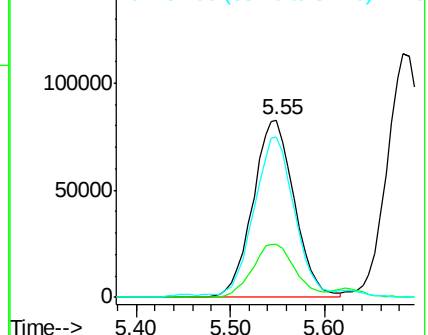
56 100

69 29.6 23.6 35.4

84 88.3 67.8 101.8



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



#32

1,1,1-Trichloroethane

Concen: 42.475 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

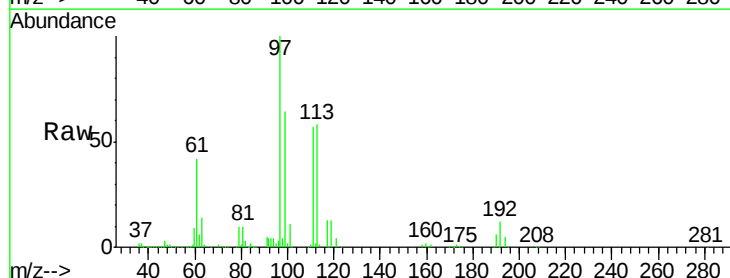
Tgt Ion: 97 Resp: 260994

Ion Ratio Lower Upper

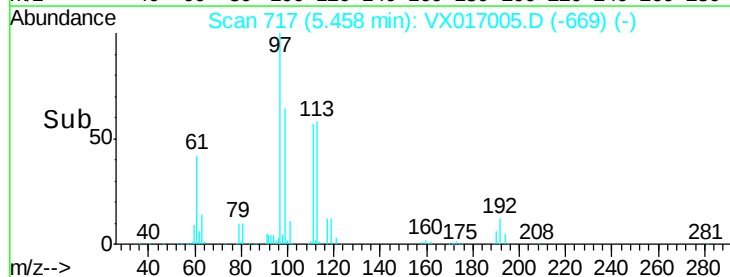
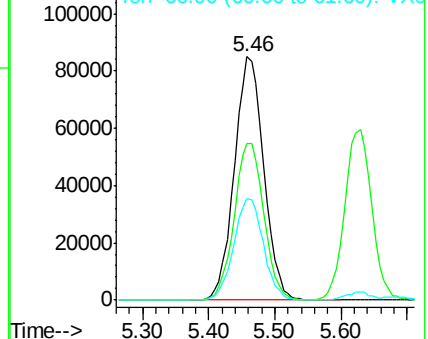
97 100

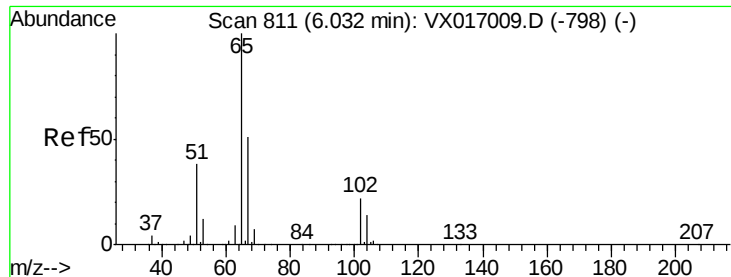
99 65.0 51.4 77.2

61 42.1 37.0 55.4



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





#33

1,2-Dichloroethane-d4

Concen: 37.776 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

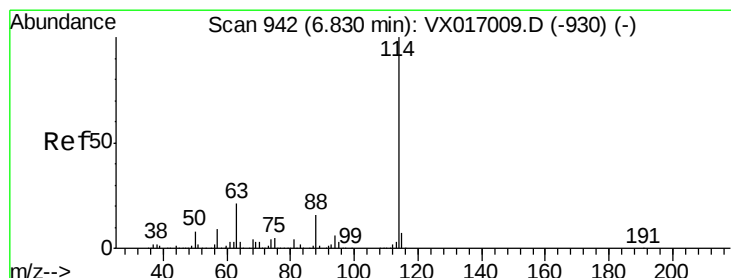
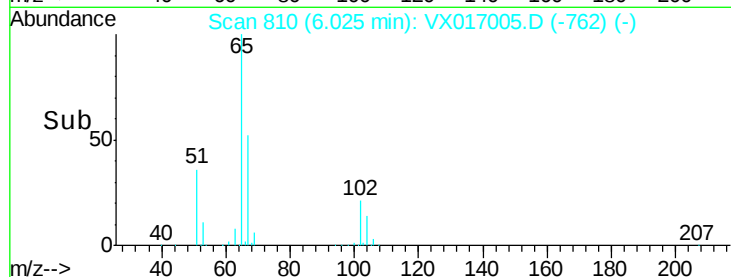
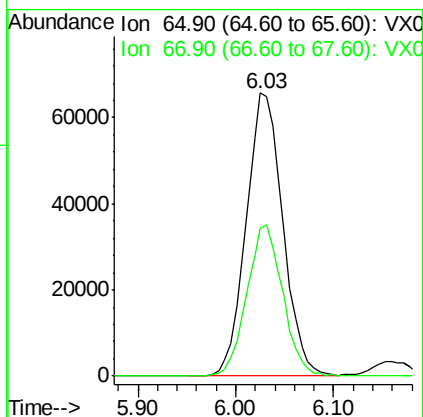
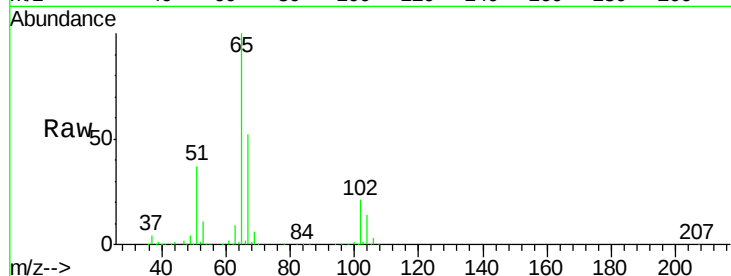
VSTDCCC050

Tot Ion: 65 Resp: 171647

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

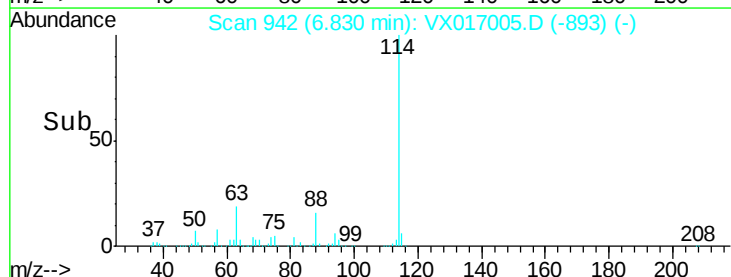
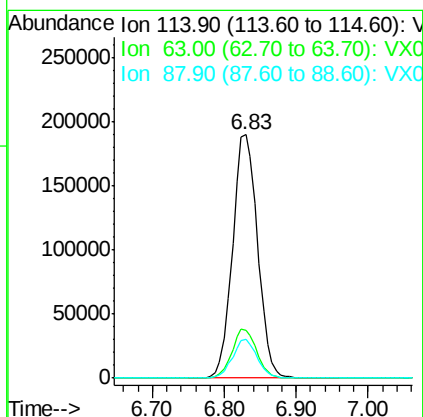
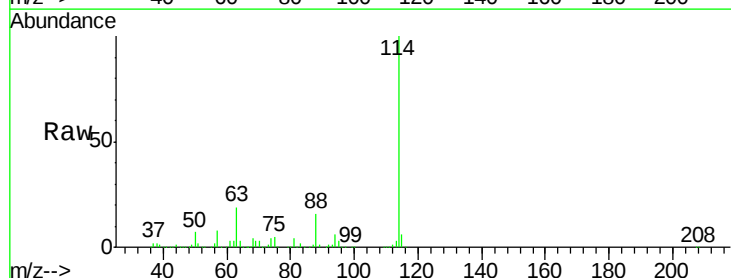
Tgt Ion: 114 Resp: 457719

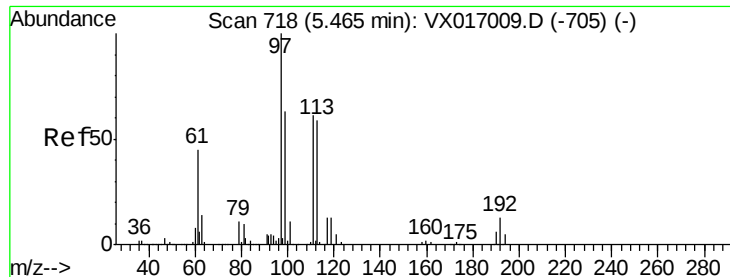
Ion Ratio Lower Upper

114 100

63 19.5 0.0 44.4

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.232 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

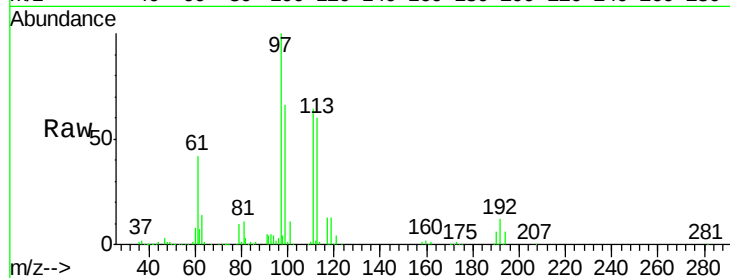
Tot Ion:113 Resp: 142789

Ion Ratio Lower Upper

113 100

111 102.0 84.3 126.5

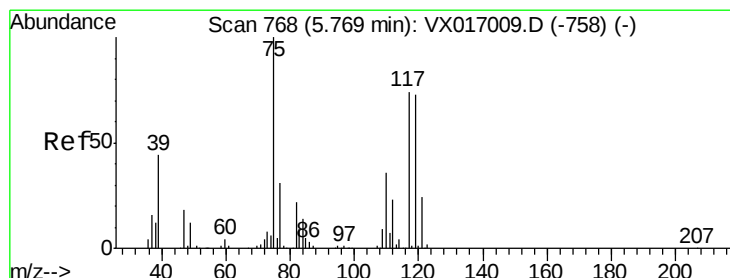
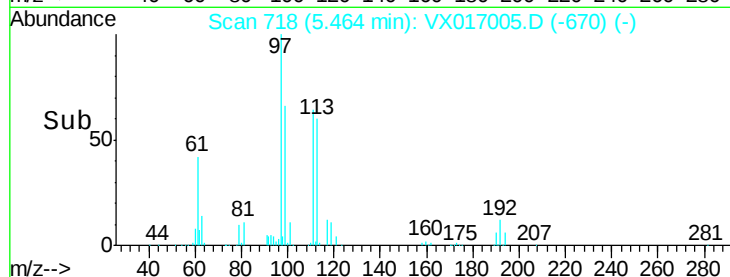
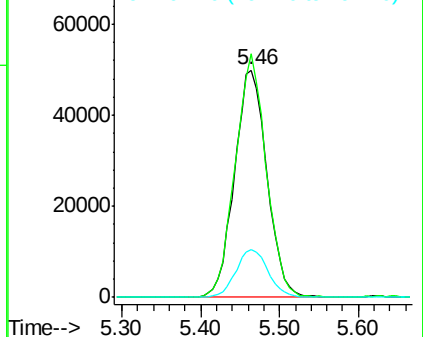
192 20.9 15.2 22.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.938 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

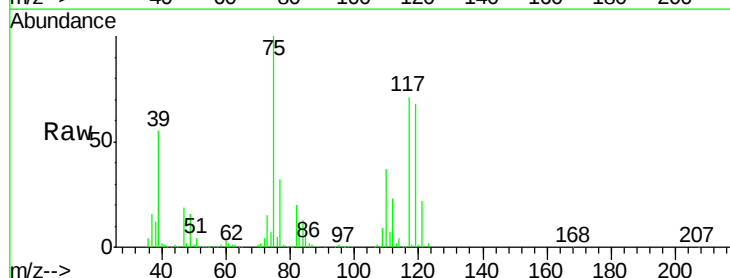
Tgt Ion: 75 Resp: 217262

Ion Ratio Lower Upper

75 100

110 36.9 17.2 51.6

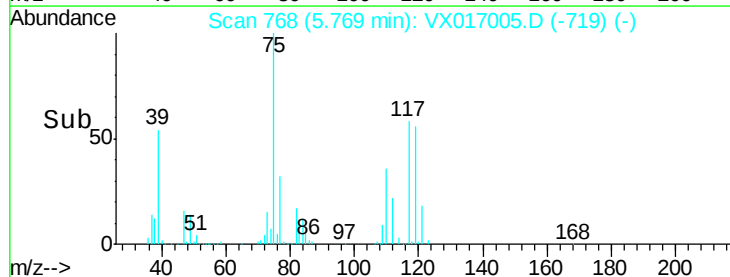
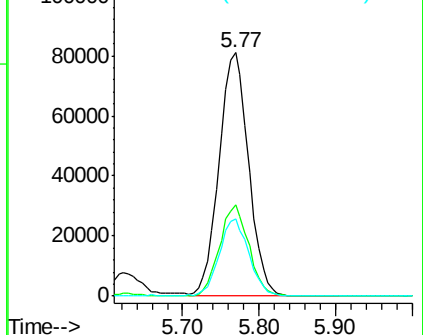
77 31.4 24.7 37.1

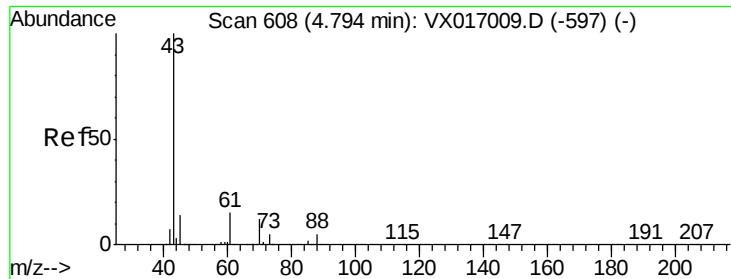


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

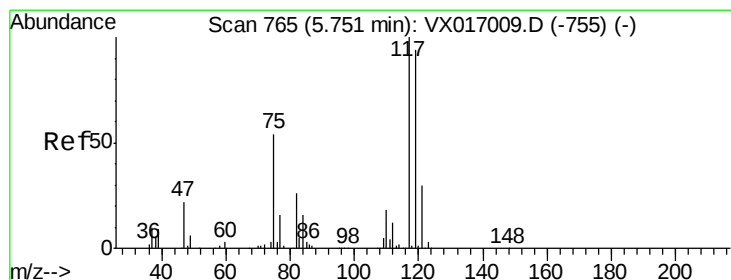
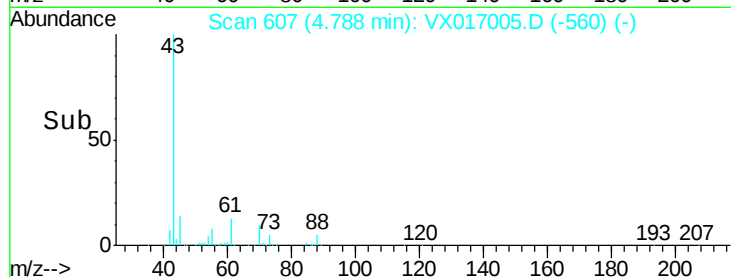
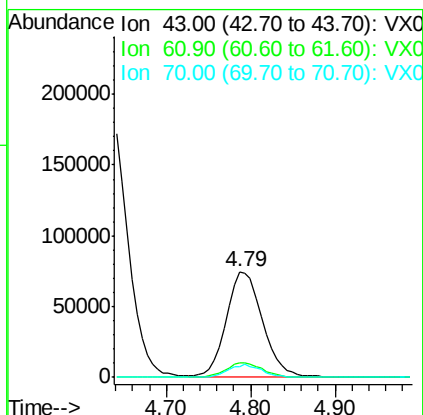
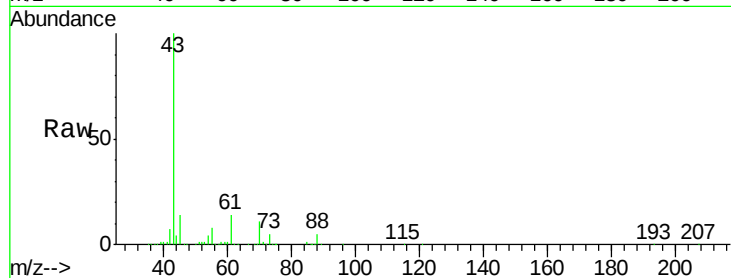




#37
Ethyl Acetate
Concen: 44.473 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

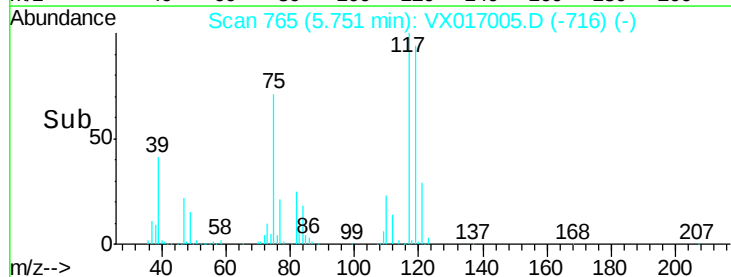
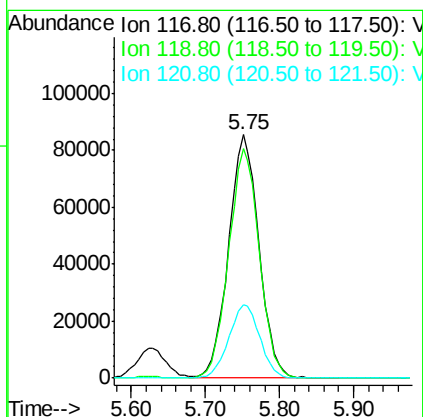
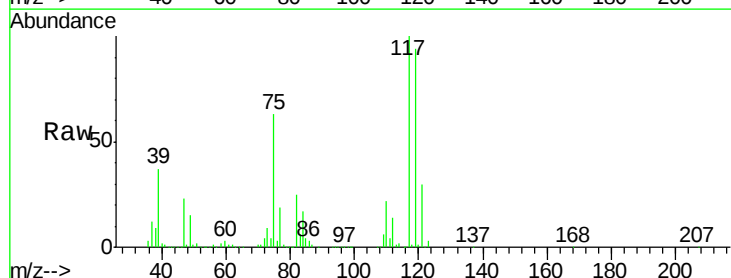
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

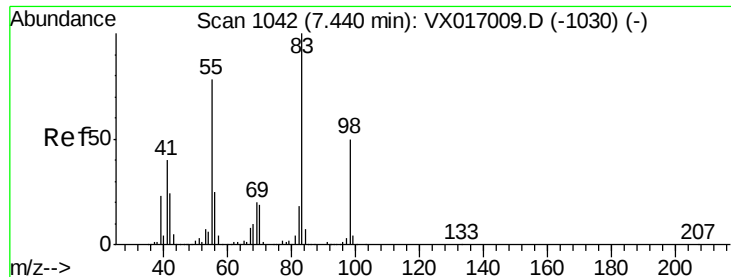
Tot Ion: 43 Resp: 216613
Ion Ratio Lower Upper
43 100
61 13.6 10.8 16.2
70 11.1 8.0 12.0



#38
Carbon Tetrachloride
Concen: 50.831 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion: 117 Resp: 243814
Ion Ratio Lower Upper
117 100
119 94.0 76.6 114.8
121 29.9 22.5 33.7

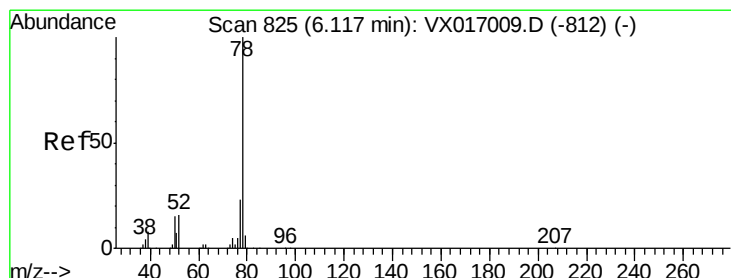
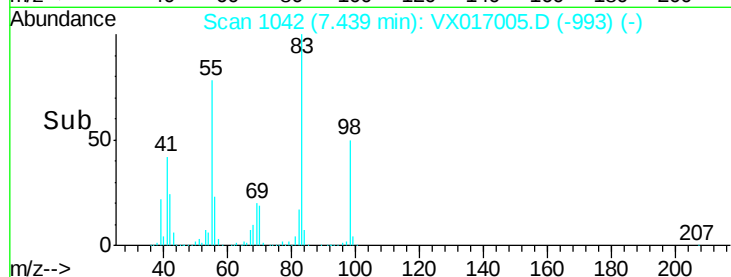
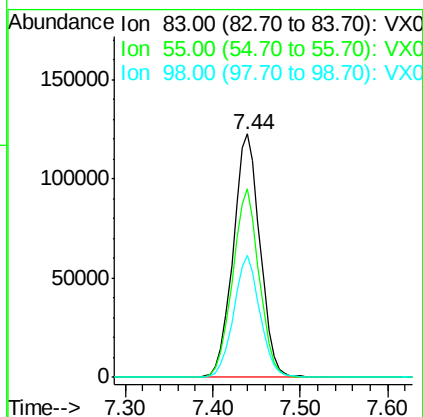
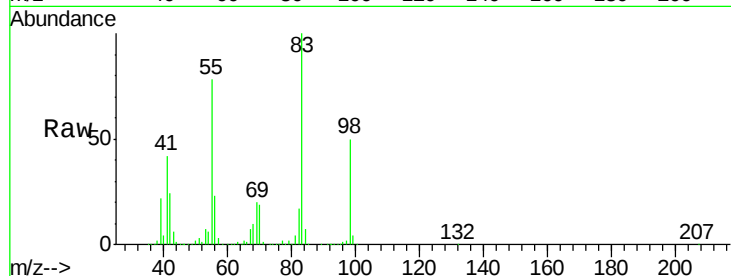




#39
Methvlcvclohexane
Concen: 53.534 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

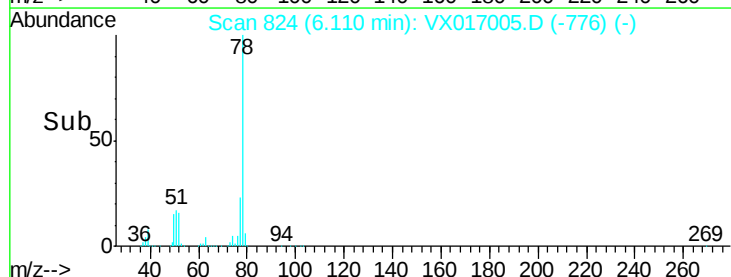
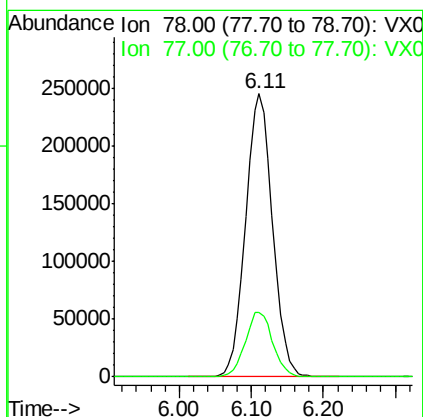
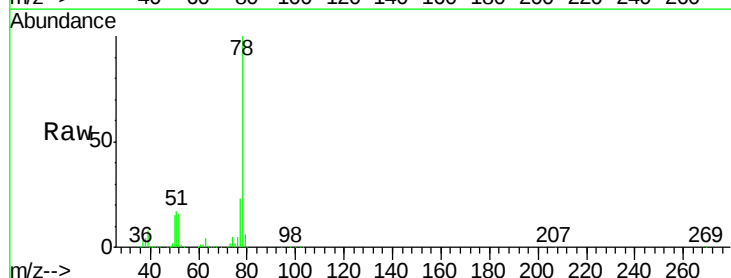
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

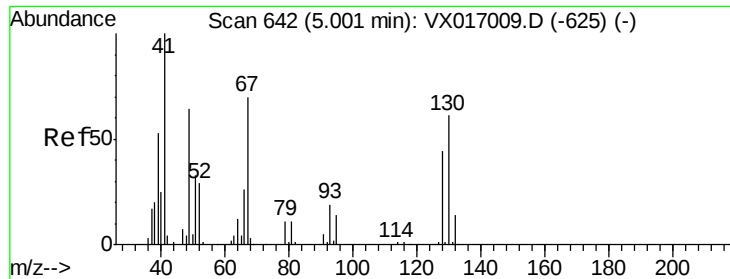
Tot Ion	83.00	Resp	262553
Ion	Ratio	Lower	Upper
83	100		
55	77.5	62.4	93.6
98	50.2	39.4	59.0



#40
Benzene
Concen: 48.780 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion	78.00	Resp	636671
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





#41

Methacrylonitrile

Concen: 45.194 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 122665

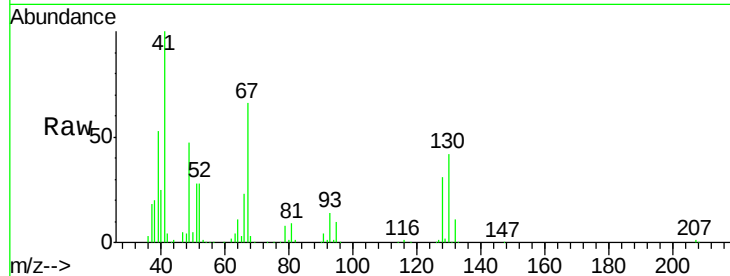
Ion Ratio Lower Upper

41 100

39 53.9 46.6 70.0

67 70.8 57.0 85.6

52 29.3 25.0 37.4

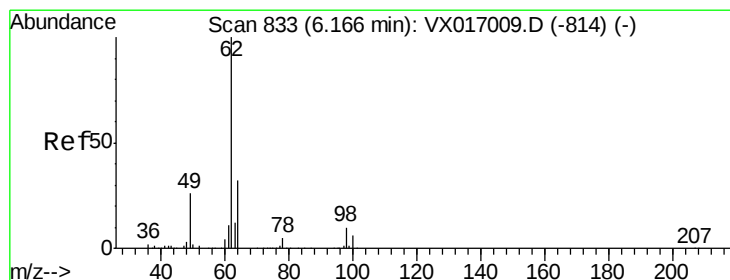
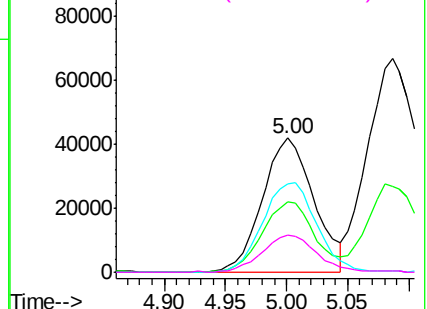
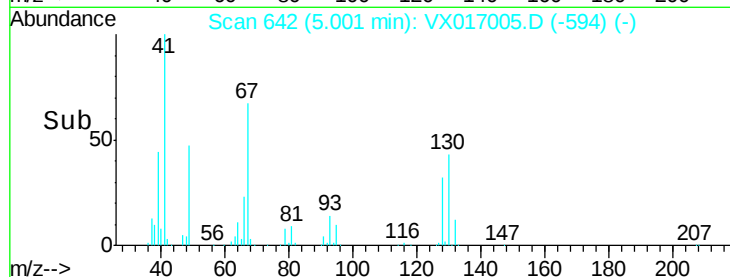


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 44.809 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017005.D

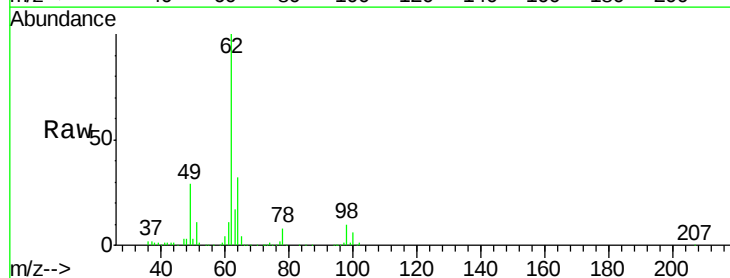
Acq: 29 Jun 2020 13:02

Tgt Ion: 62 Resp: 229784

Ion Ratio Lower Upper

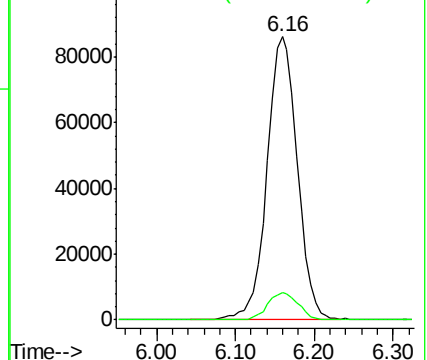
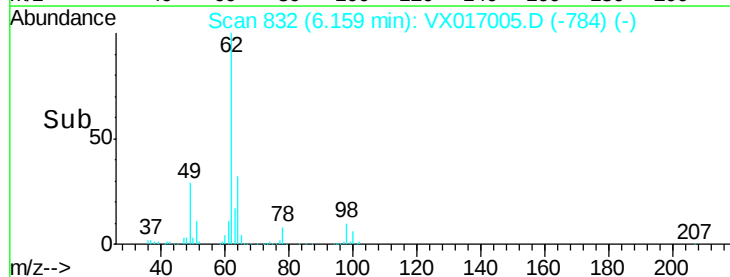
62 100

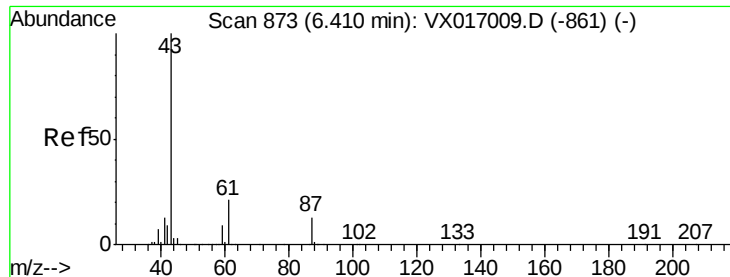
98 9.8 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



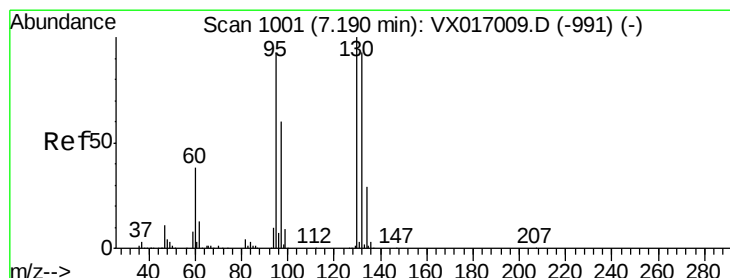
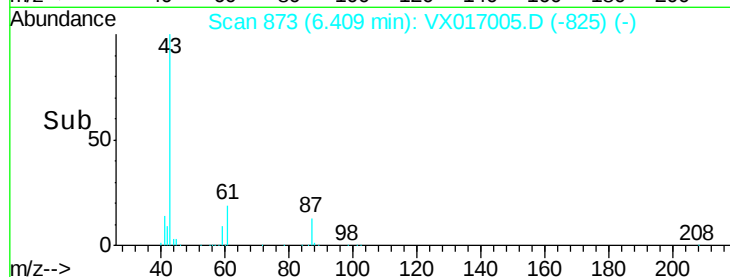
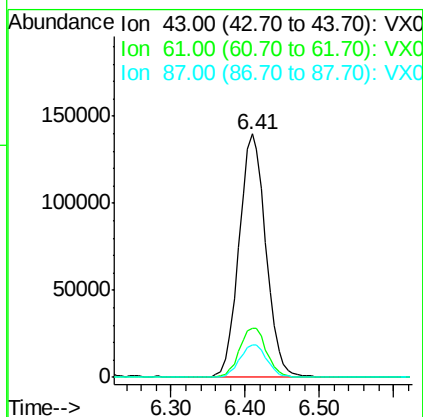
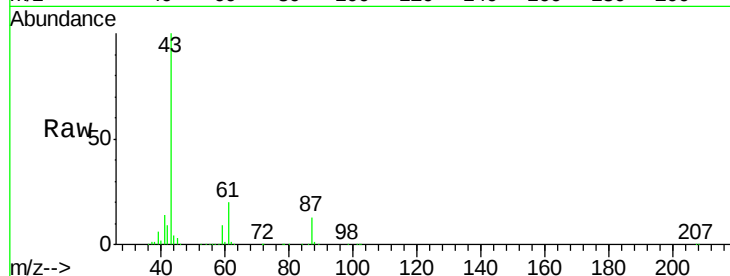


#43

Isopropyl Acetate
 Concen: 42.922 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

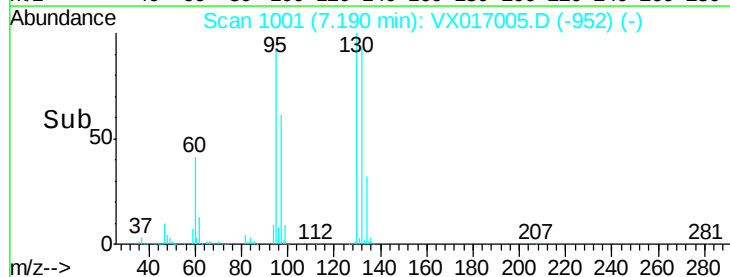
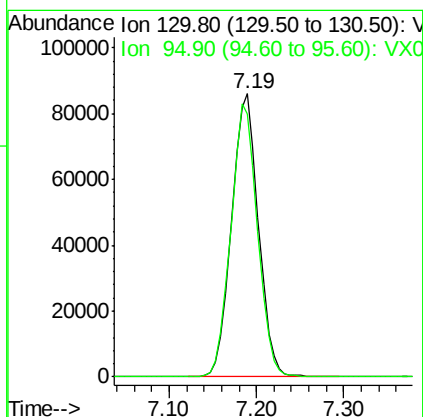
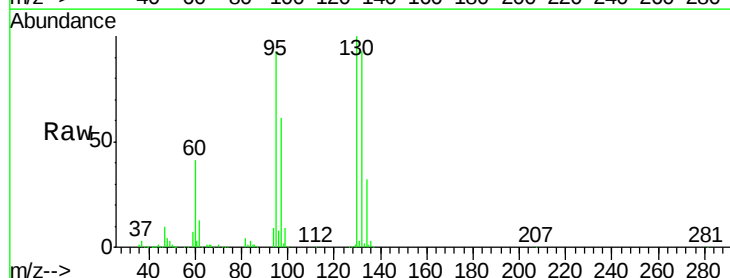
Tot Ion	43	Resp	351700
Ion Ratio	Lower	Upper	
43	100		
61	20.7	15.0	22.6
87	13.7	10.0	15.0



#44

Trichloroethene
 Concen: 52.874 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion	130	Resp	183707
Ion Ratio	Lower	Upper	
130	100		
95	92.9	0.0	206.6





#45

1,2-Dichloropropane

Concen: 47.005 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

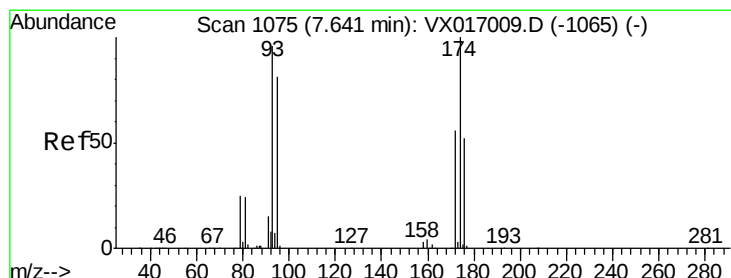
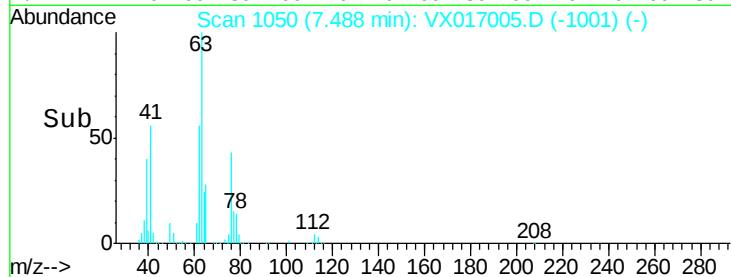
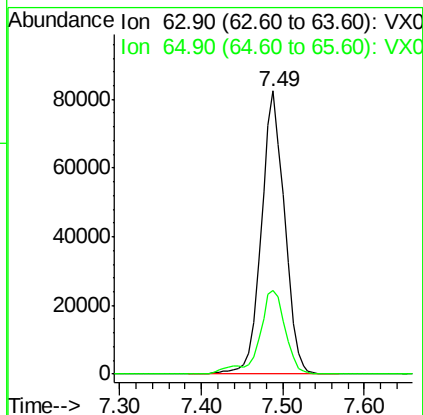
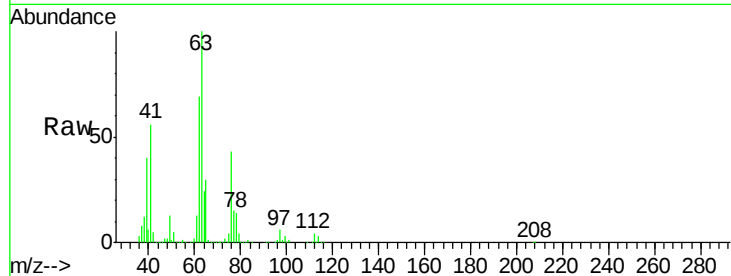
VSTDCCC050

Tot Ion: 63 Resp: 164012

Ion Ratio Lower Upper

63 100

65 29.6 26.1 39.1



#46

Dibromomethane

Concen: 46.964 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

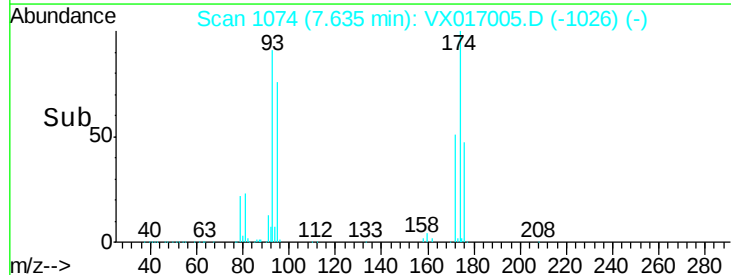
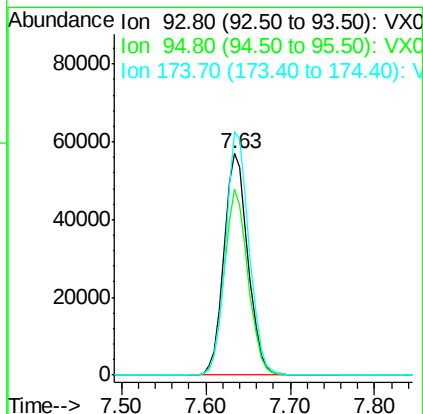
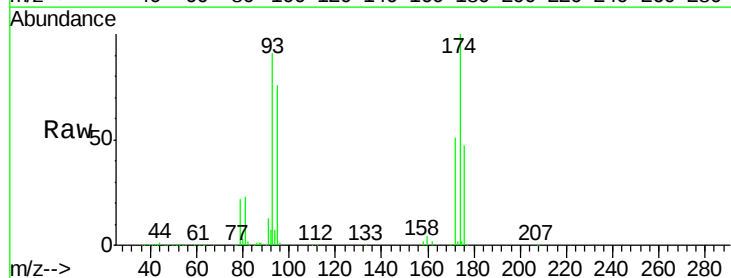
Tgt Ion: 93 Resp: 111325

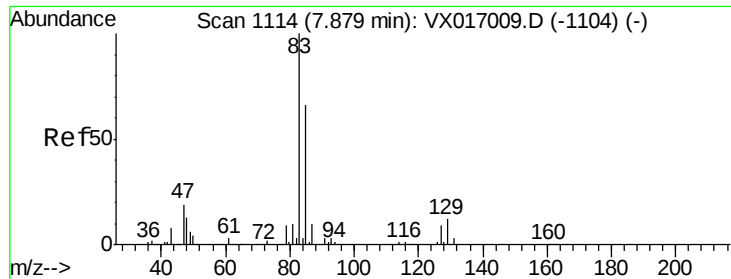
Ion Ratio Lower Upper

93 100

95 82.4 67.5 101.3

174 106.7 75.0 112.4





#47

Bromodichloromethane

Concen: 46.601 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

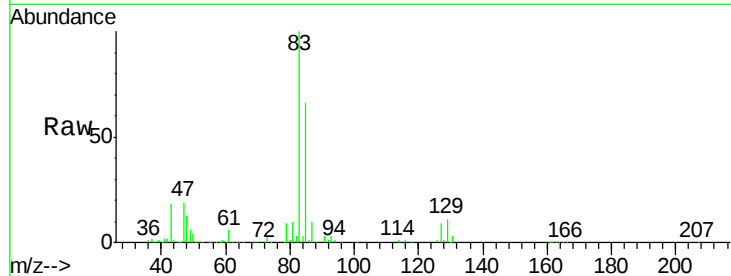
Tot Ion: 83 Resp: 231045

Ion Ratio Lower Upper

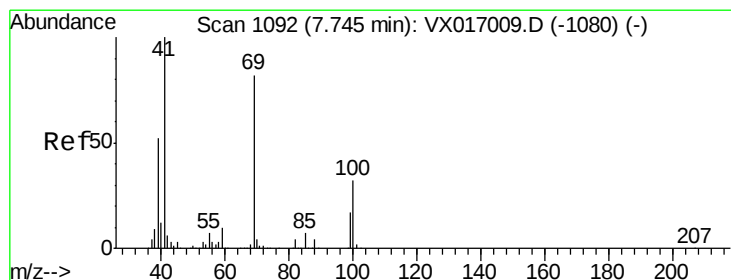
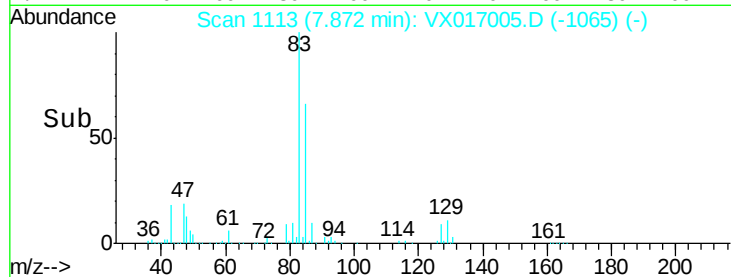
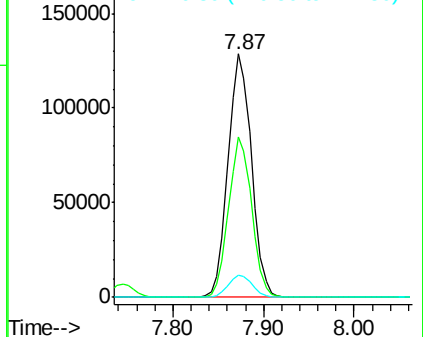
83 100

85 66.0 53.1 79.7

127 8.9 6.8 10.2



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: 45.585 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

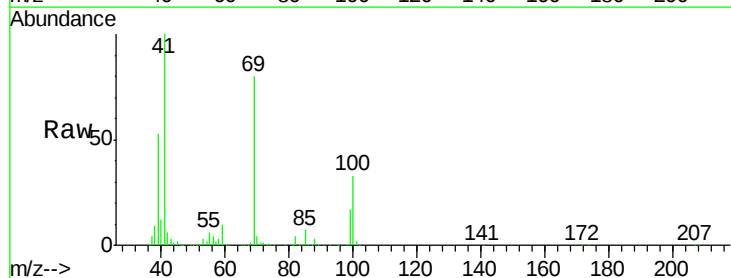
Tgt Ion: 41 Resp: 174421

Ion Ratio Lower Upper

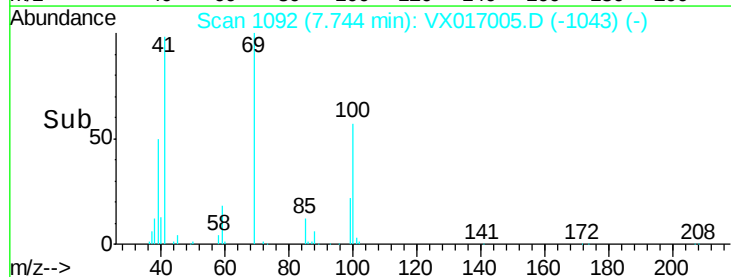
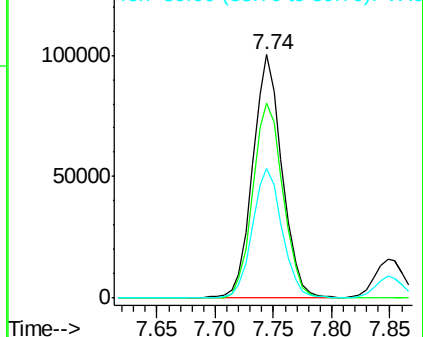
41 100

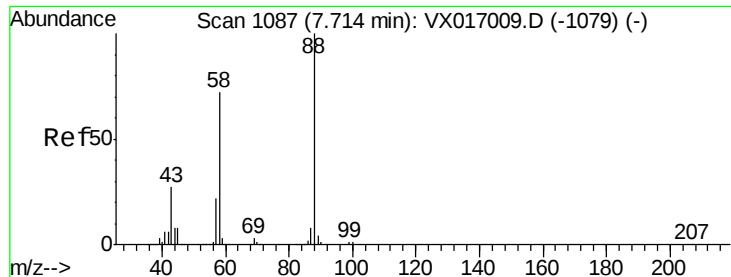
69 83.2 62.7 94.1

39 54.2 49.6 74.4



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

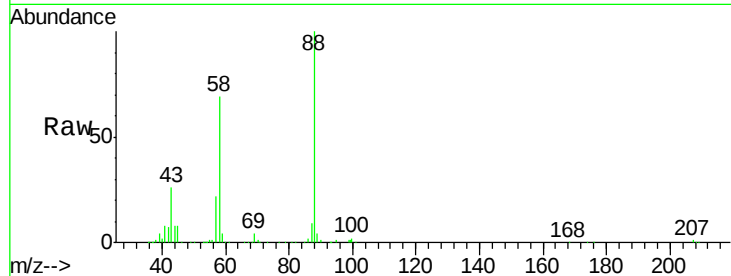




#49
1,4-Dioxane
Concen: 987.505 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	78596
Ion	Ratio	Lower	Upper
88	100		
43	30.9	28.1	42.1
58	70.8	56.1	84.1

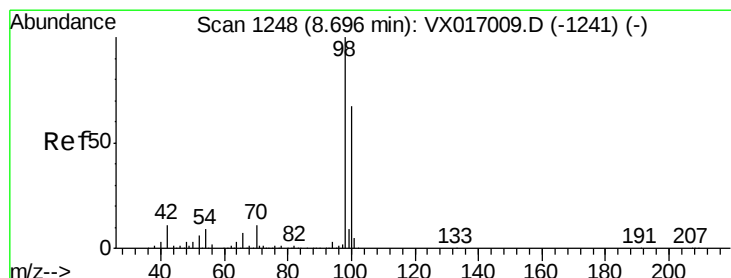
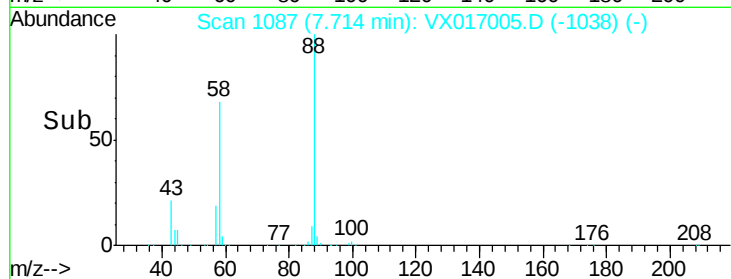
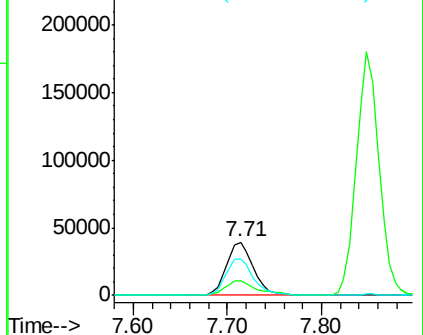


Abundance

Ion 88.00 (87.70 to 88.70): VX0

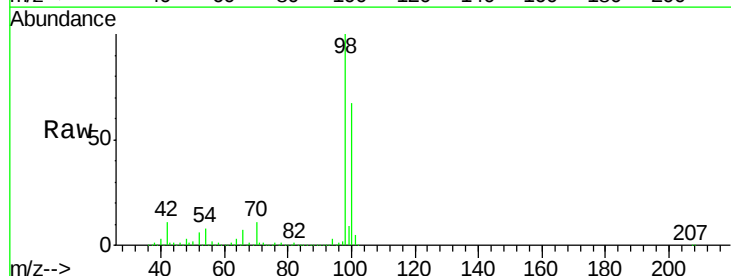
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 47.890 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

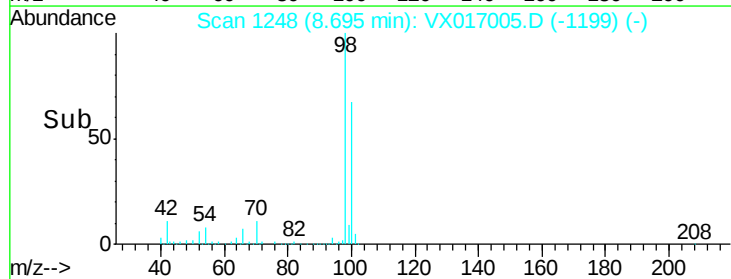
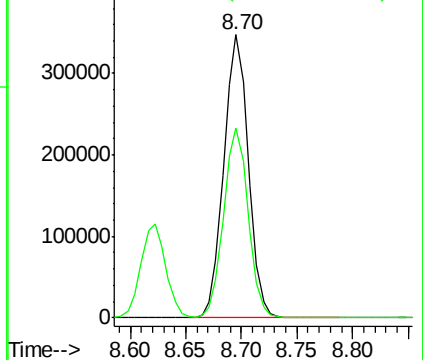
Tgt Ion	98	Resp	530693
Ion	Ratio	Lower	Upper
98	100		
100	67.2	52.2	78.2

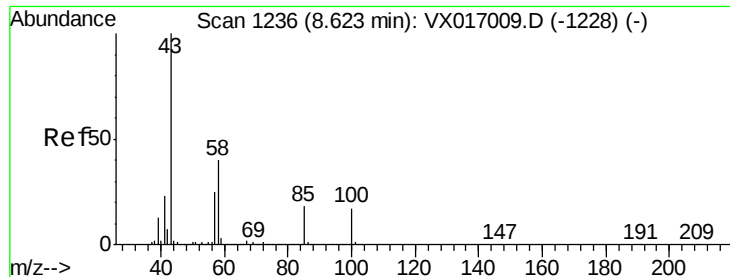


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

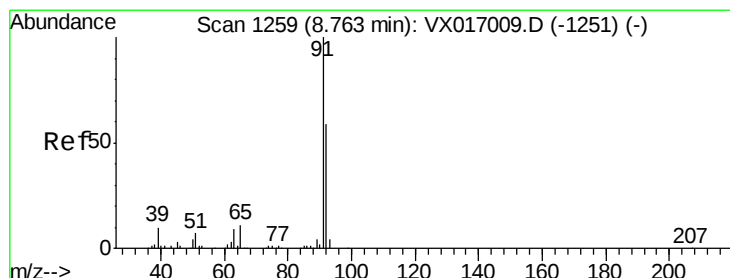
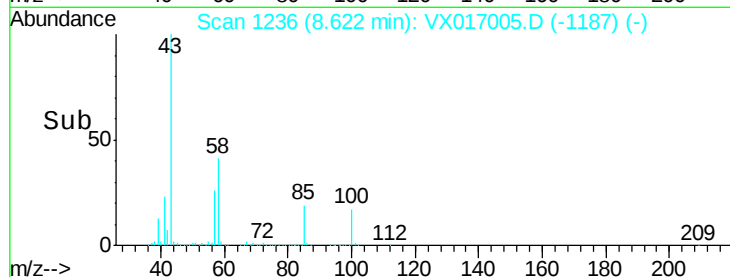
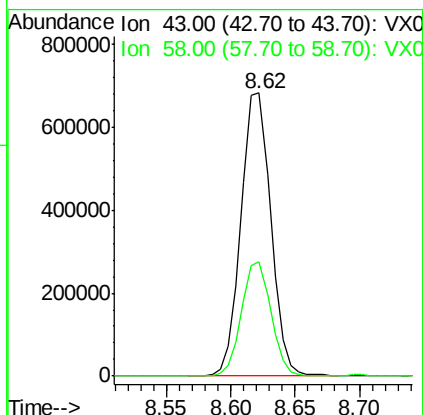
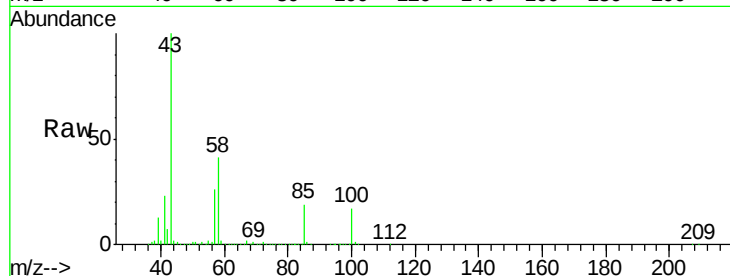




#51
4-Methyl-2-Pentanone
Concen: 233.775 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

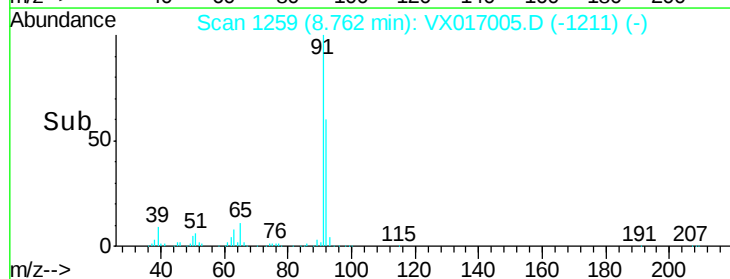
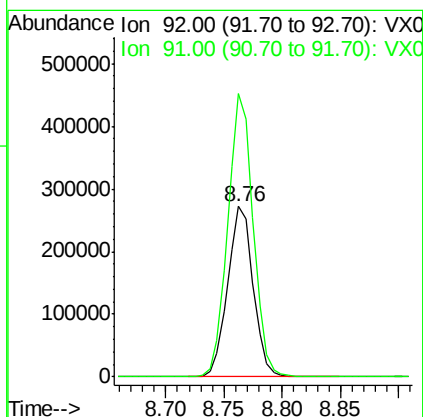
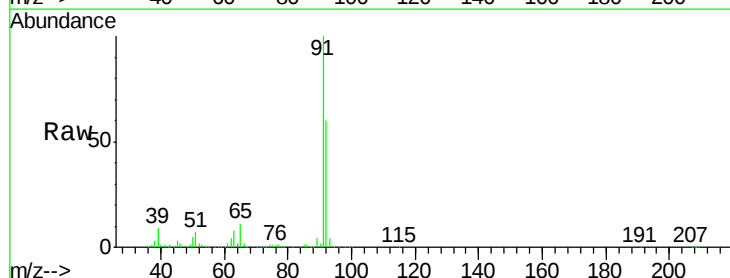
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

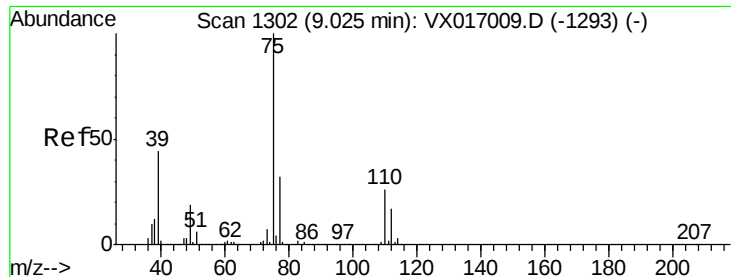
Tot Ion: 43 Resp: 1096302
Ion Ratio Lower Upper
43 100
58 39.9 30.4 45.6



#52
Toluene
Concen: 51.487 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion: 92 Resp: 414194
Ion Ratio Lower Upper
92 100
91 165.1 136.7 205.1

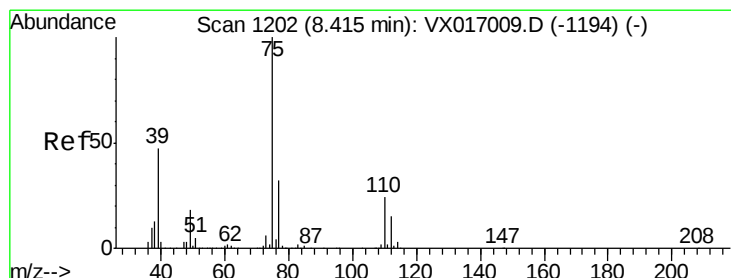
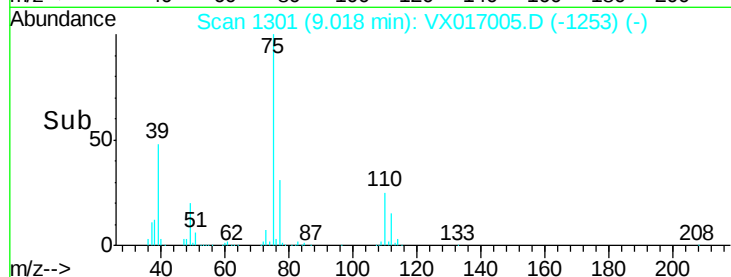
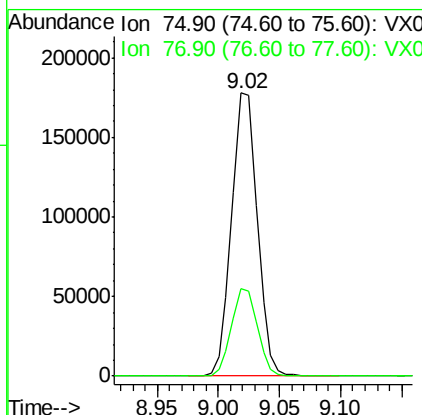
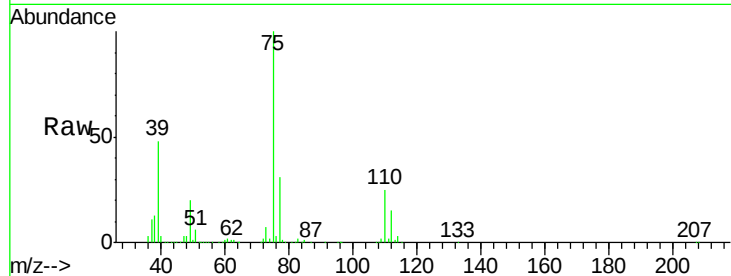




#53
 t-1,3-Dichloropropene
 Concen: 48.791 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

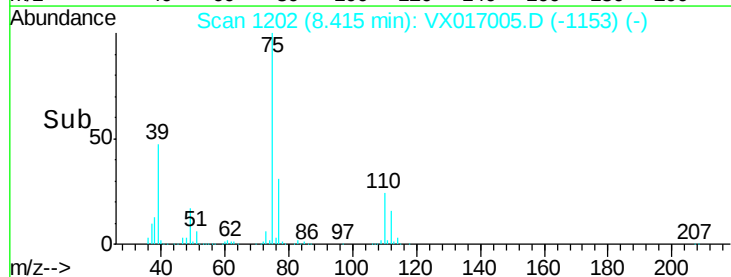
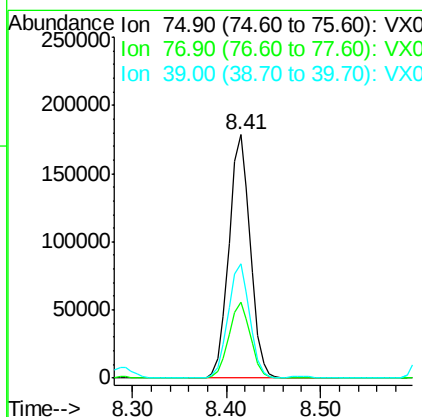
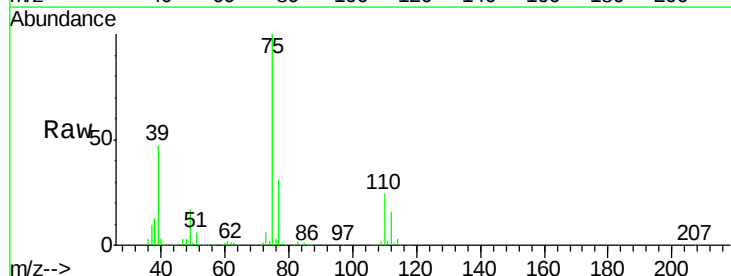
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

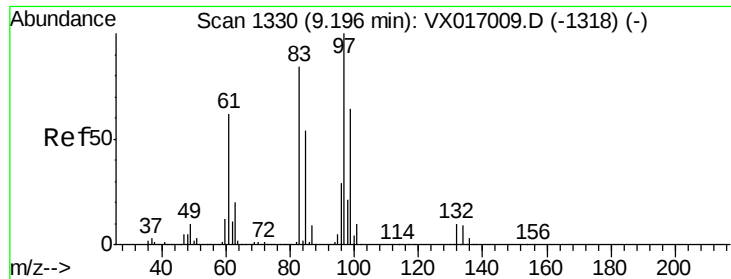
Tot Ion: 75 Resp: 259047
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 50.166 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion: 75 Resp: 279992
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 46.7 42.7 64.1

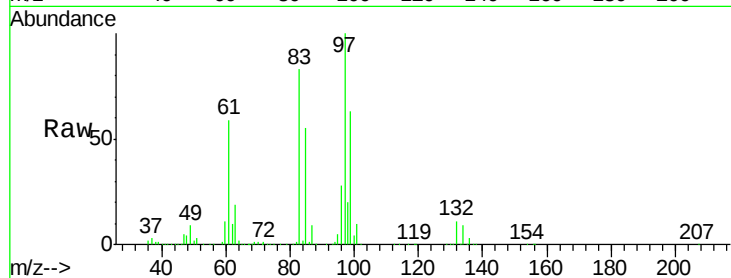




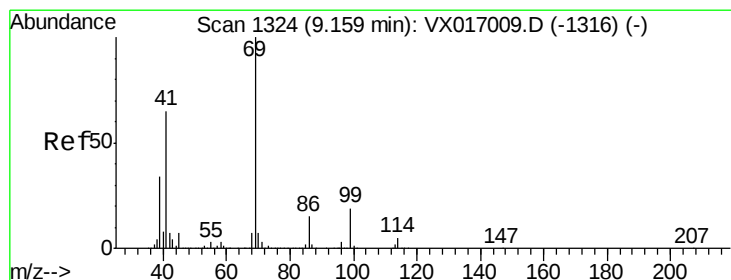
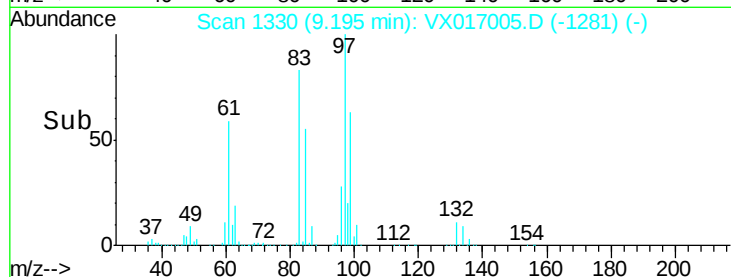
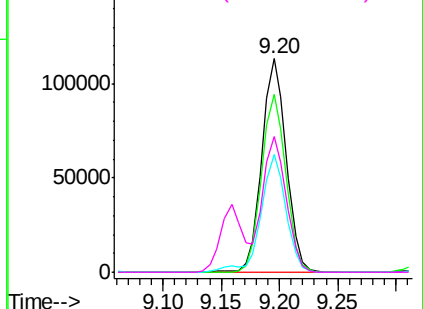
#55
 1,1,2-Trichloroethane
 Concen: 49.807 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 164635
 Ion Ratio Lower Upper
 97 100
 83 83.4 68.6 103.0
 85 55.4 44.5 66.7
 99 63.3 49.0 73.4

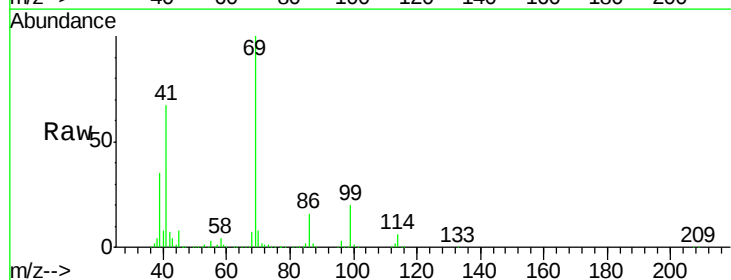


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

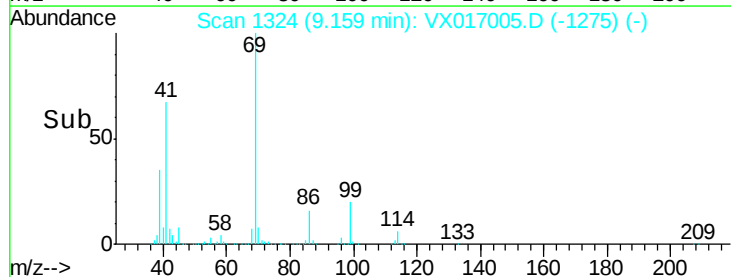
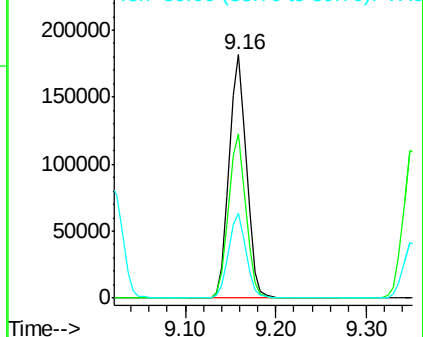


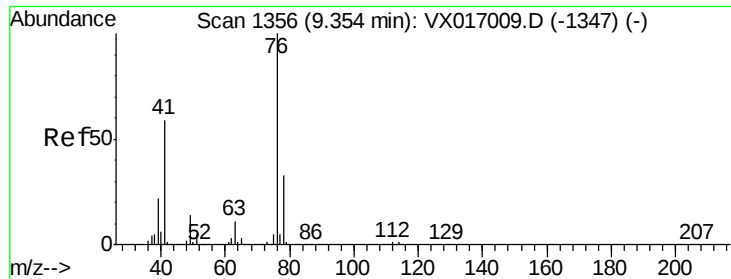
#56
 Ethyl methacrylate
 Concen: 49.071 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion: 69 Resp: 243100
 Ion Ratio Lower Upper
 69 100
 41 67.3 55.9 83.9
 39 35.0 34.6 51.8



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

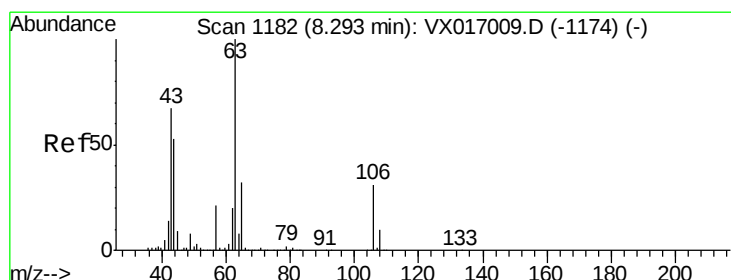
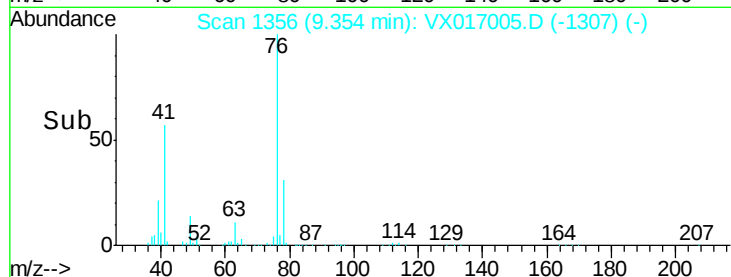
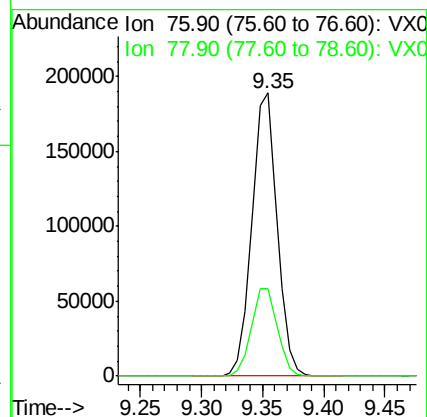
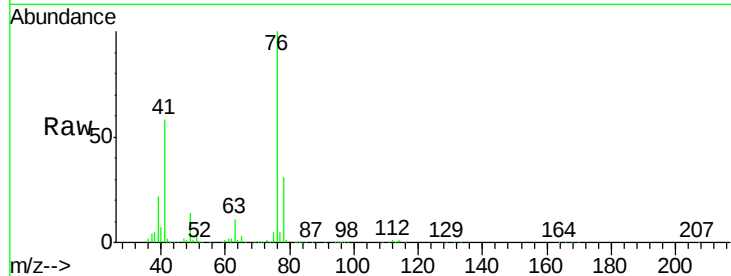




#57
 1,3-Dichloropropane
 Concen: 48.244 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

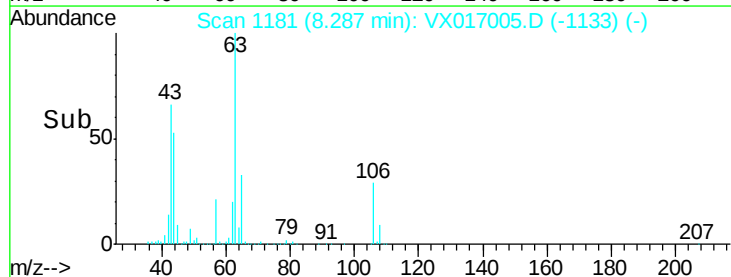
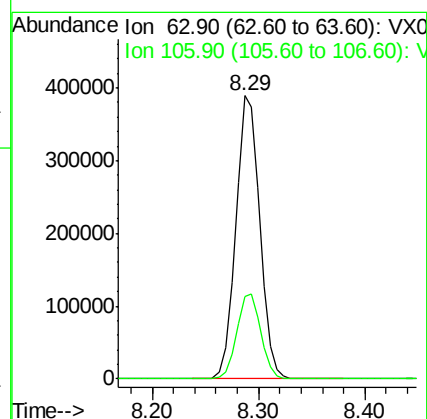
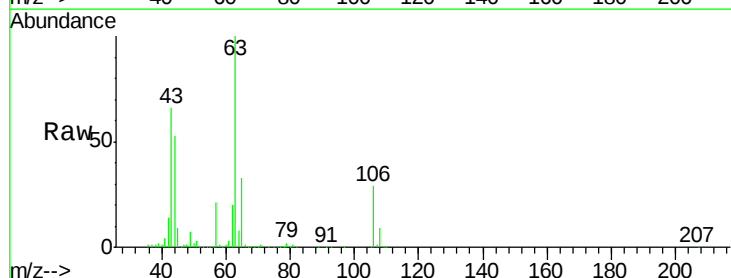
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

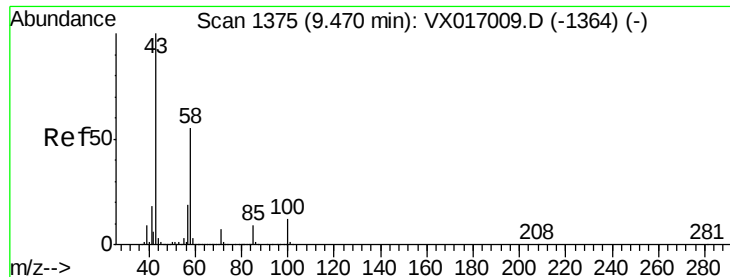
Tot Ion: 76 Resp: 272993
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.043 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion: 63 Resp: 611826
 Ion Ratio Lower Upper
 63 100
 106 30.1 22.1 33.1

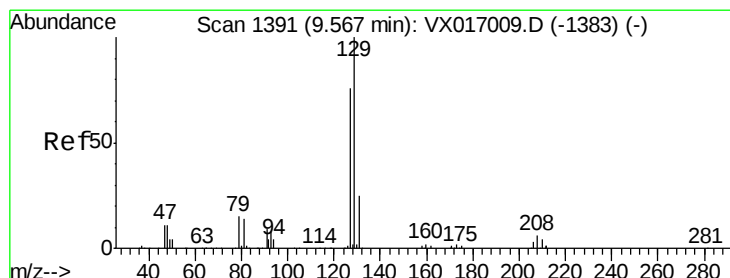
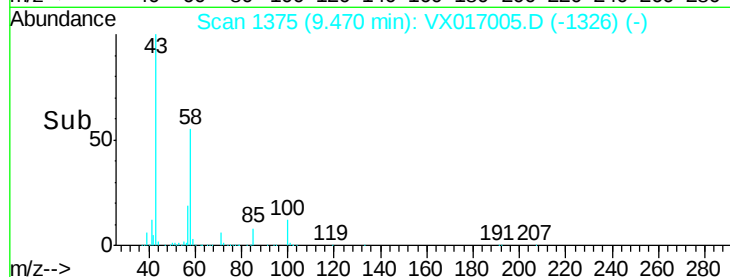
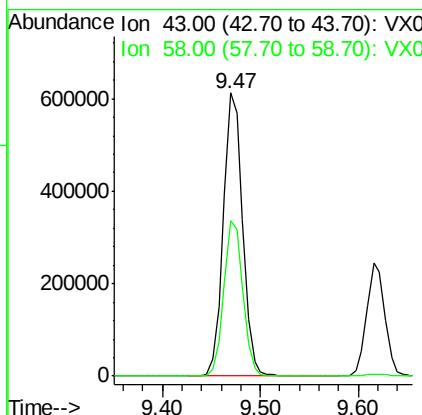
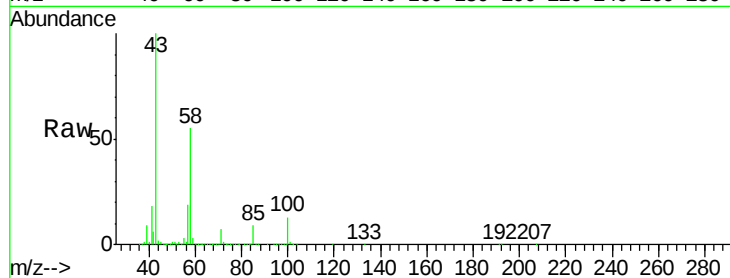




#59
2-Hexanone
Concen: 236.208 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

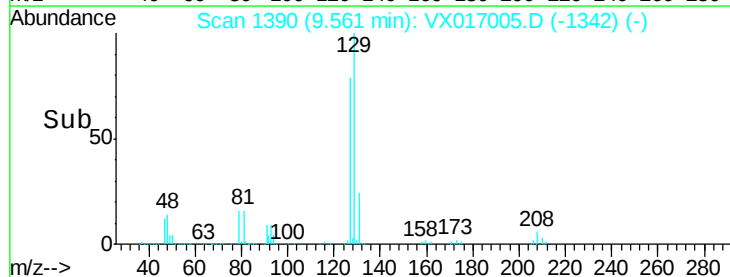
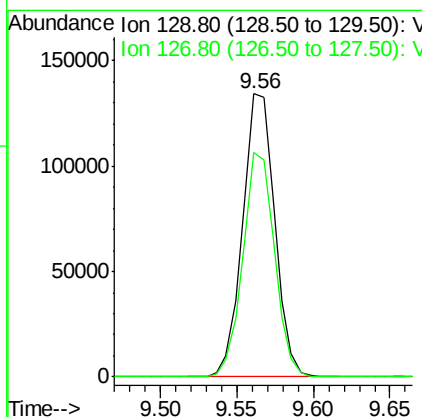
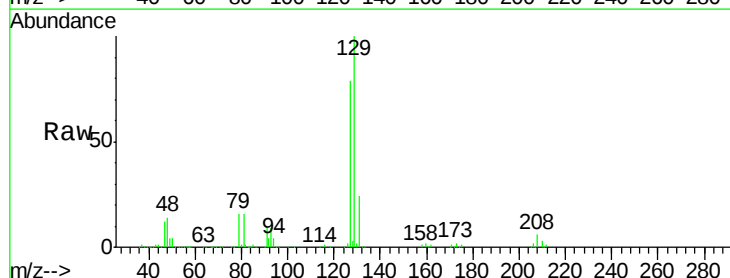
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

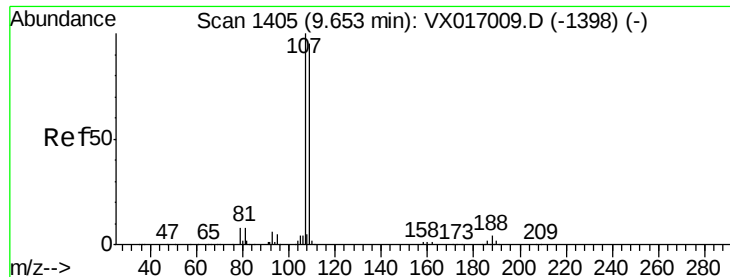
Tot Ion: 43 Resp: 833311
Ion Ratio Lower Upper
43 100
58 54.8 26.3 78.9



#60
Dibromochloromethane
Concen: 52.057 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion: 129 Resp: 196155
Ion Ratio Lower Upper
129 100
127 78.0 38.0 114.0





#61

1,2-Dibromoethane

Concen: 49.896 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

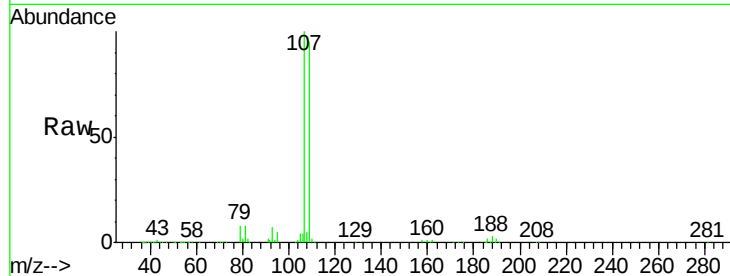
VSTDCCC050

Tot Ion:107 Resp: 176096

Ion Ratio Lower Upper

107 100

109 95.4 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

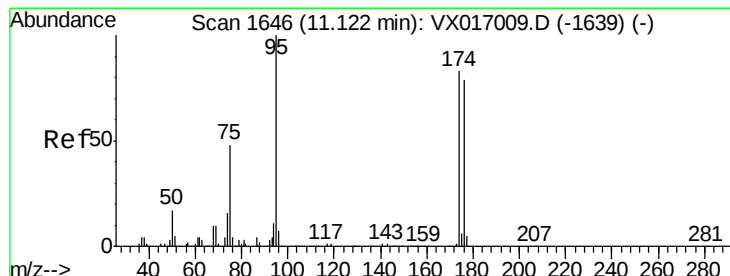
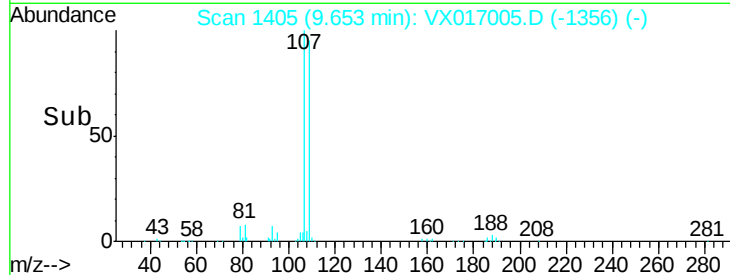
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.199 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

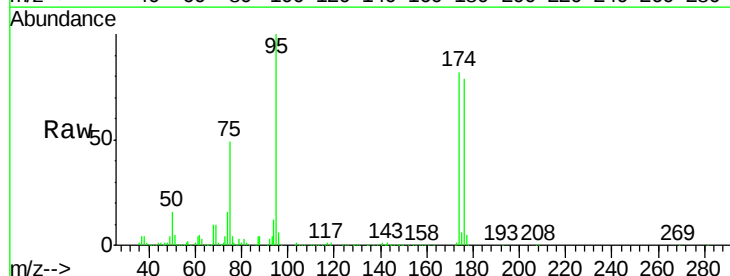
Tgt Ion: 95 Resp: 210824

Ion Ratio Lower Upper

95 100

174 80.8 0.0 149.6

176 79.4 0.0 148.2



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

11.12

200000

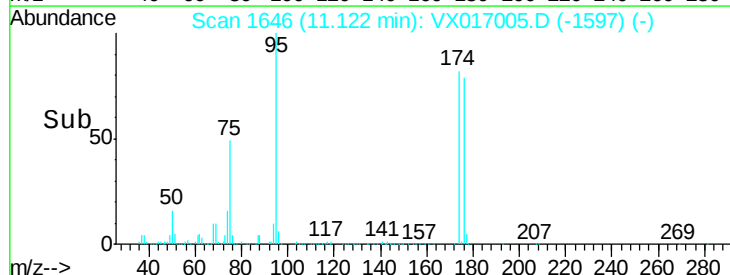
150000

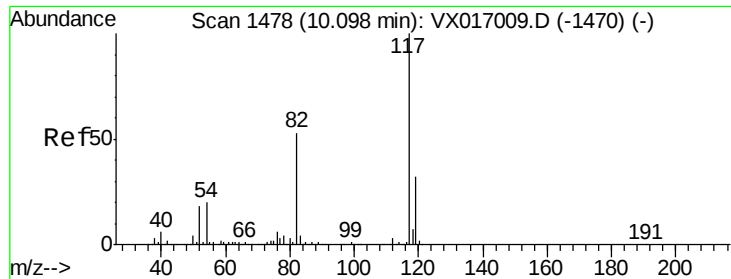
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

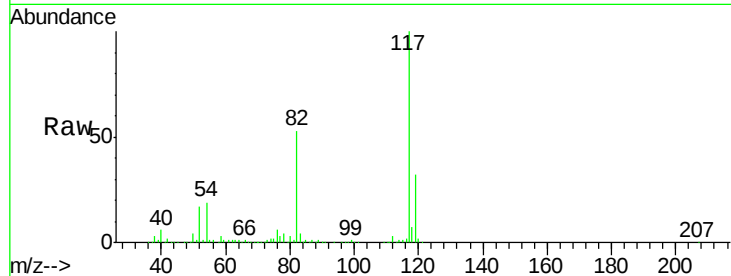
Tot Ion:117 Resp: 438771

Ion Ratio Lower Upper

117 100

82 52.6 46.8 70.2

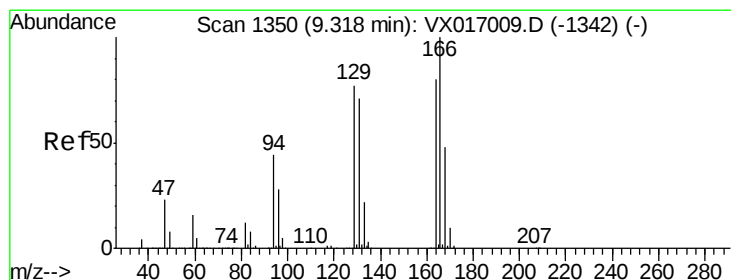
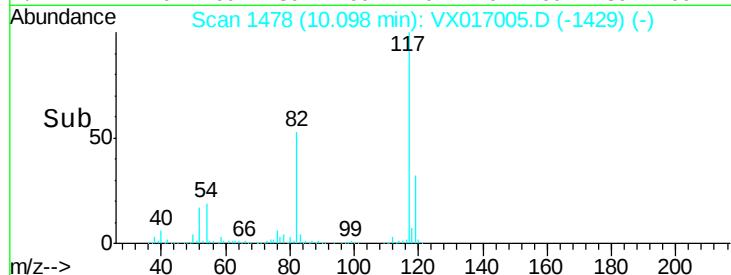
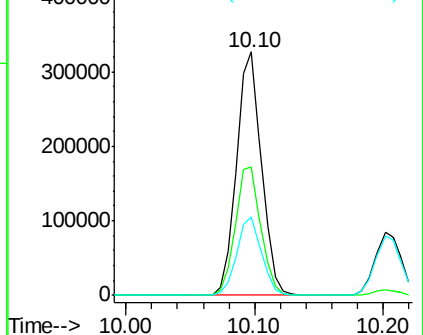
119 32.4 27.3 40.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 60.219 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Tgt Ion:164 Resp: 178859

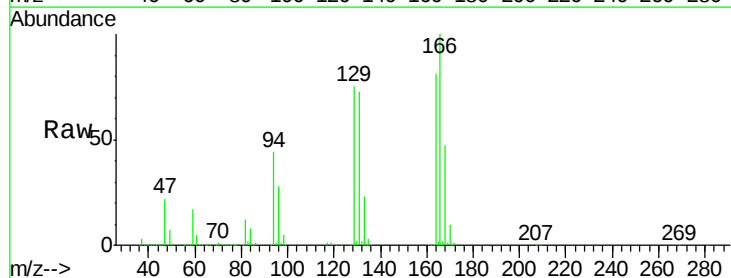
Ion Ratio Lower Upper

164 100

166 124.1 104.2 156.4

129 93.3 79.3 118.9

131 90.4 74.9 112.3

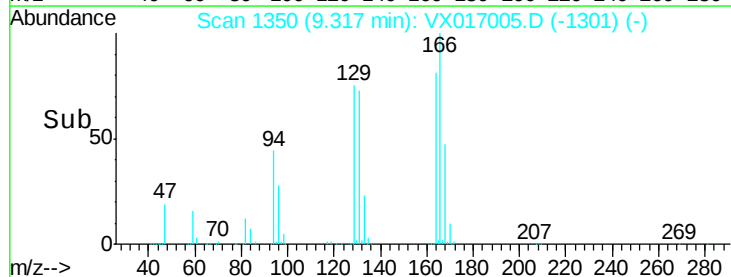
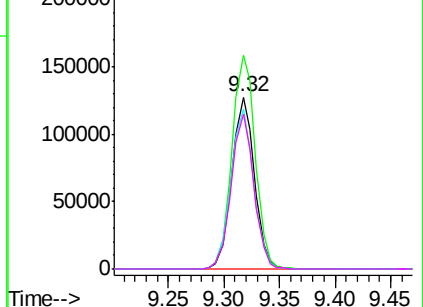


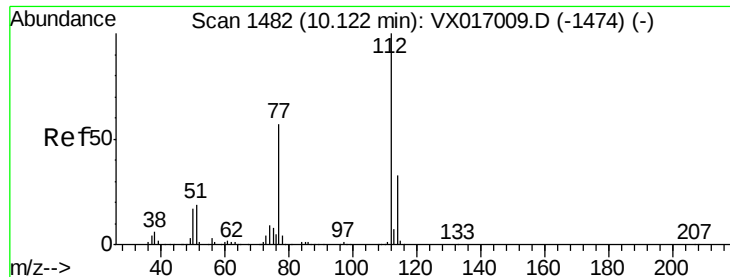
Abundance Ion 163.80 (163.50 to 164.50): V

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

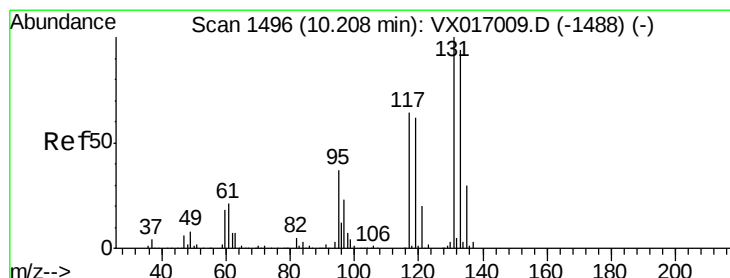
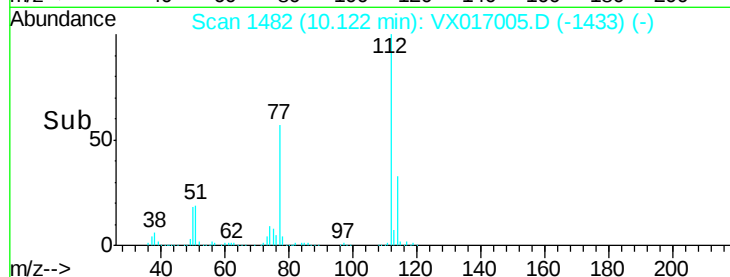
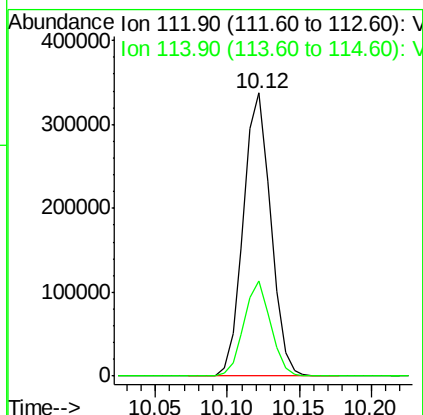
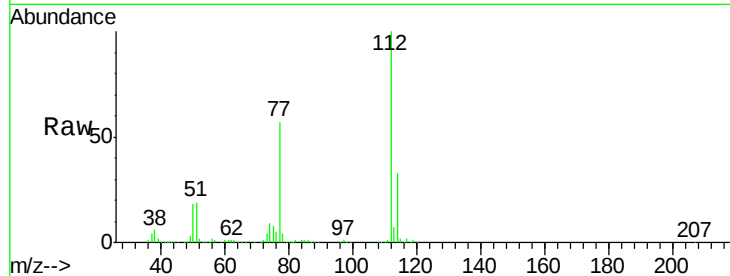




#65
Chlorobenzene
Concen: 49.693 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

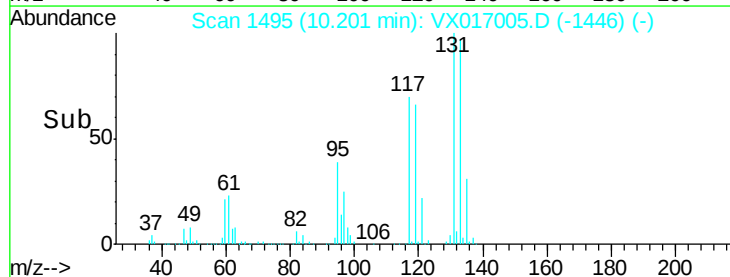
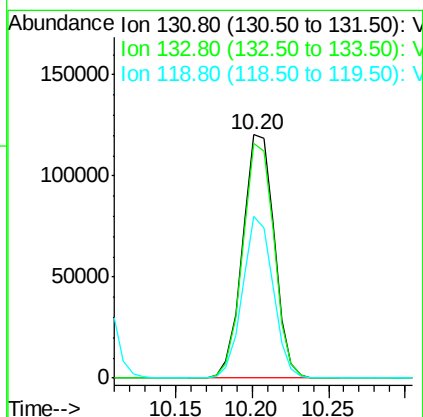
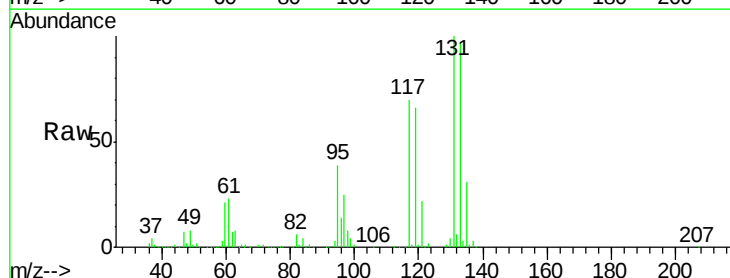
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

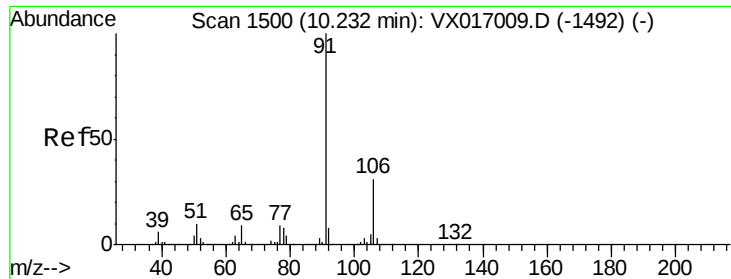
Tot Ion:112 Resp: 445885
Ion Ratio Lower Upper
112 100
114 33.5 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.934 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion:131 Resp: 173185
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 64.0 32.8 98.4





#67

Ethyl Benzene

Concen: 49.733 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

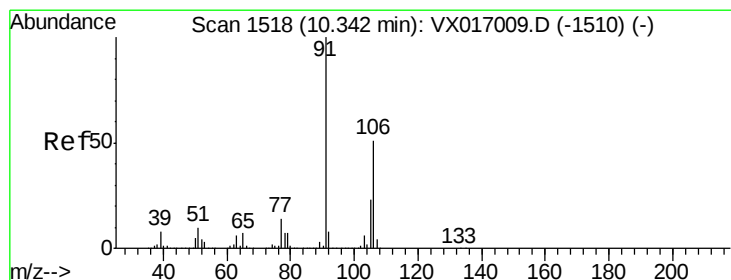
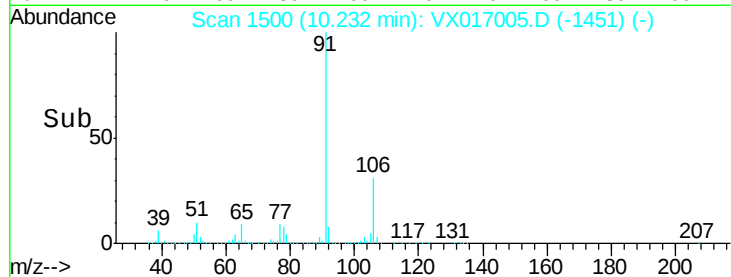
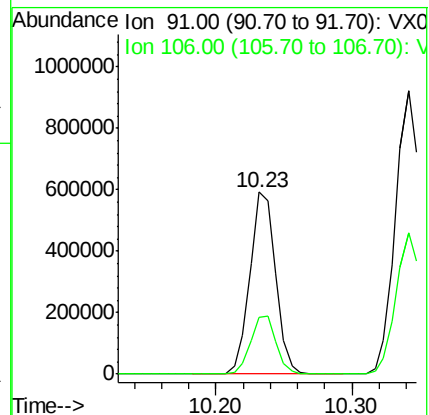
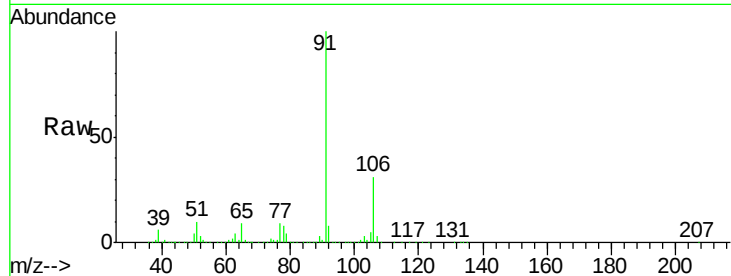
VSTDCCC050

Tot Ion: 91 Resp: 783350

Ion Ratio Lower Upper

91 100

106 31.4 24.1 36.1



#68

m/p-Xylenes

Concen: 104.172 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017005.D

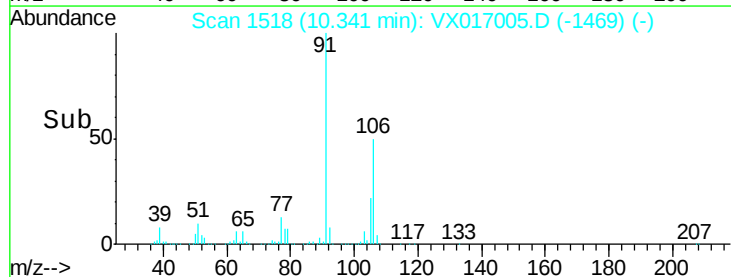
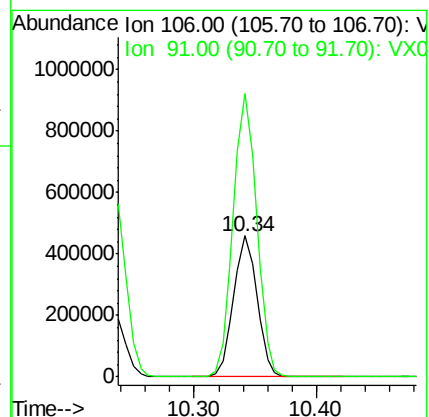
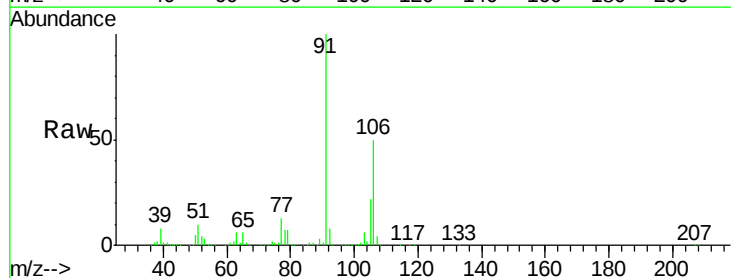
Acq: 29 Jun 2020 13:02

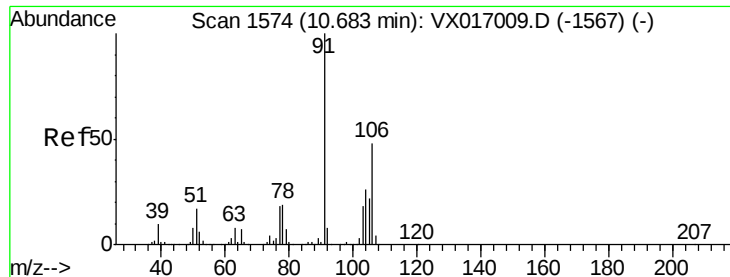
Tgt Ion: 106 Resp: 609582

Ion Ratio Lower Upper

106 100

91 201.6 164.1 246.1

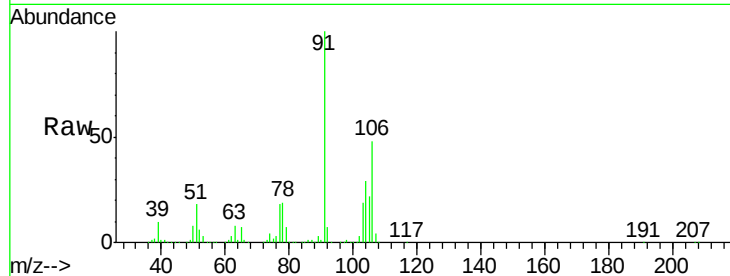




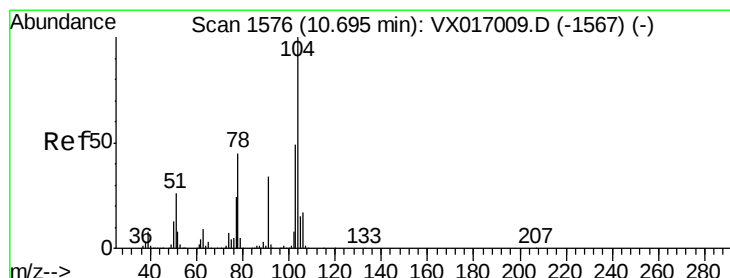
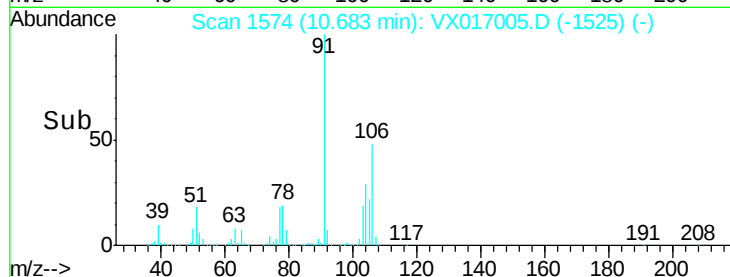
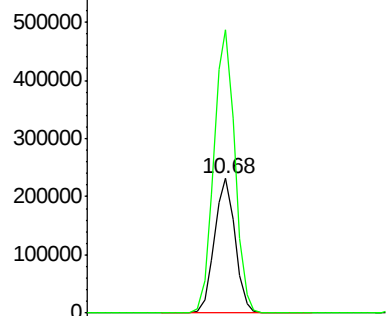
#69
o-Xylene
Concen: 51.740 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 288854
Ion Ratio Lower Upper
106 100
91 212.6 109.1 327.2

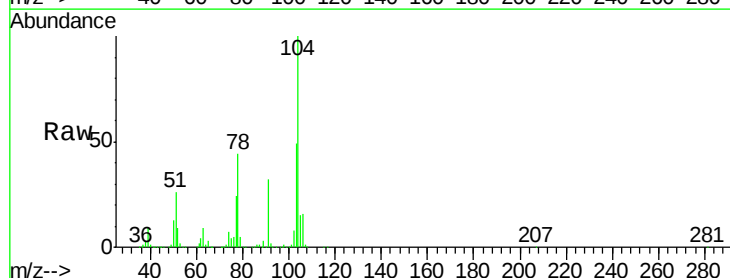


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

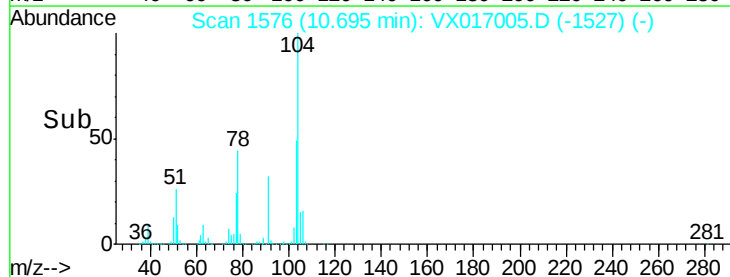
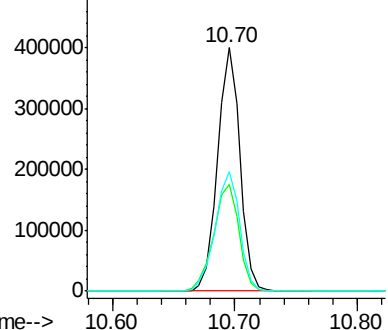


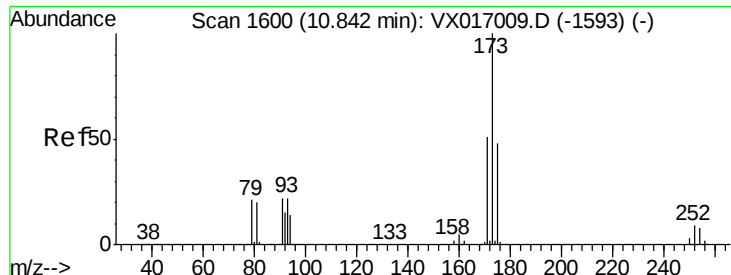
#70
Styrene
Concen: 53.444 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion:104 Resp: 508257
Ion Ratio Lower Upper
104 100
78 49.7 41.9 62.9
103 53.8 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.689 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

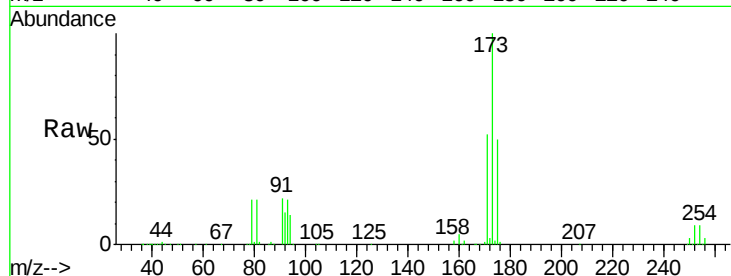
Tot Ion:173 Resp: 145006

Ion Ratio Lower Upper

173 100

175 48.2 23.4 70.2

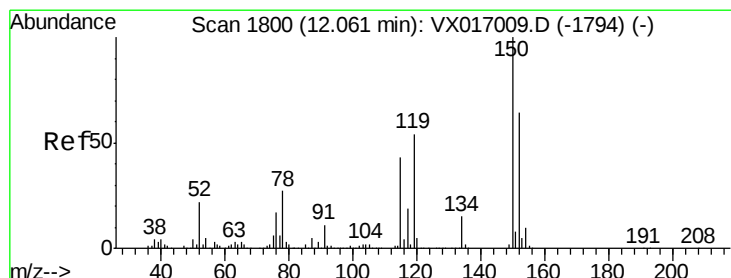
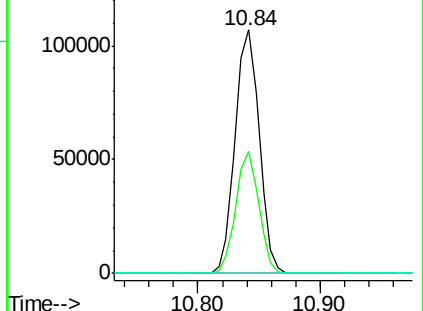
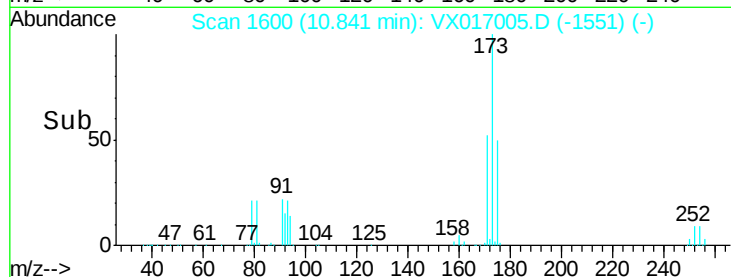
254 0.1 0.0 0.0#



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: VX017005.D

Acq: 29 Jun 2020 13:02

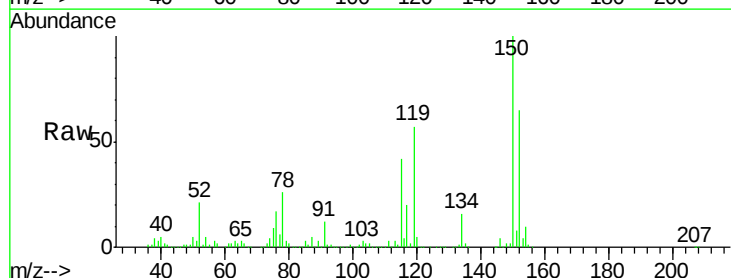
Tgt Ion:152 Resp: 224257

Ion Ratio Lower Upper

152 100

115 82.0 42.8 128.4

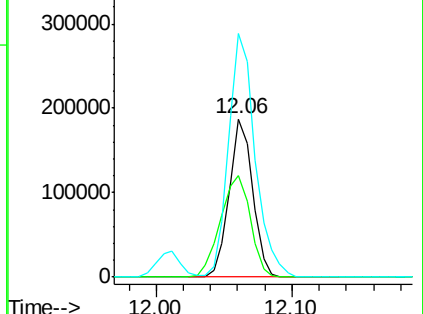
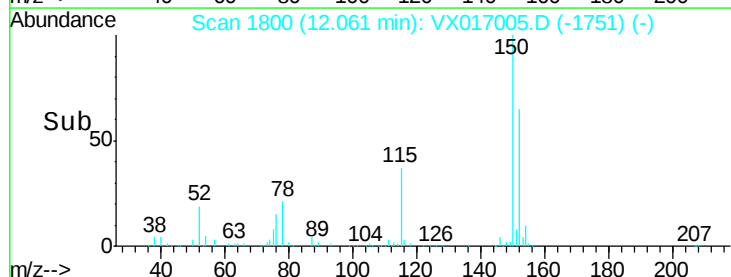
150 175.0 0.0 347.8

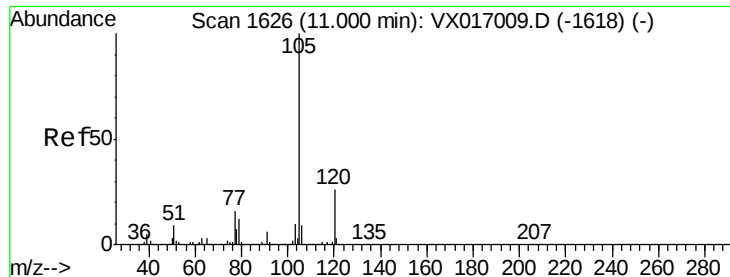


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.884 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

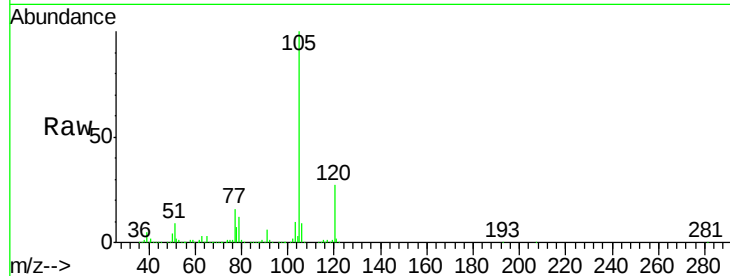
VSTDCCC050

Tot Ion:105 Resp: 785686

Ion Ratio Lower Upper

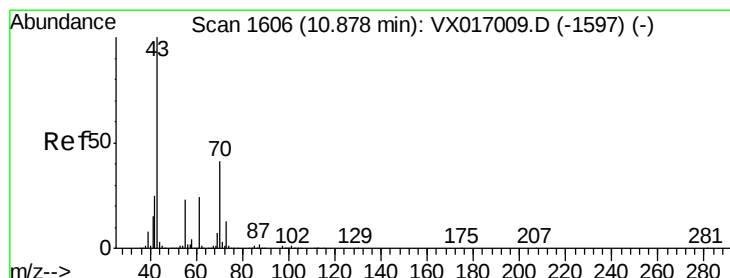
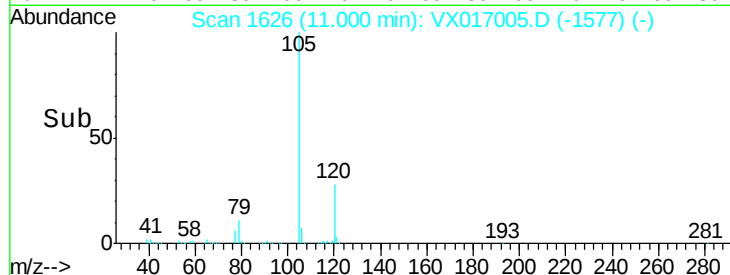
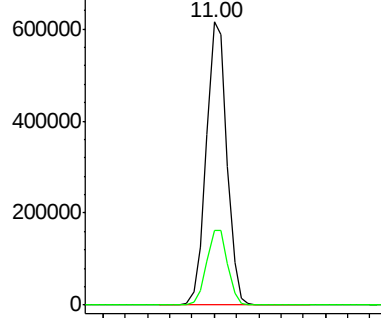
105 100

120 27.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.110 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Tgt Ion: 43 Resp: 328466

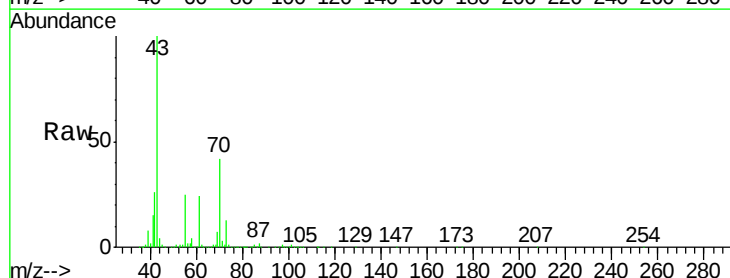
Ion Ratio Lower Upper

43 100

70 43.3 32.1 48.1

55 25.1 18.6 28.0

61 24.4 18.8 28.2

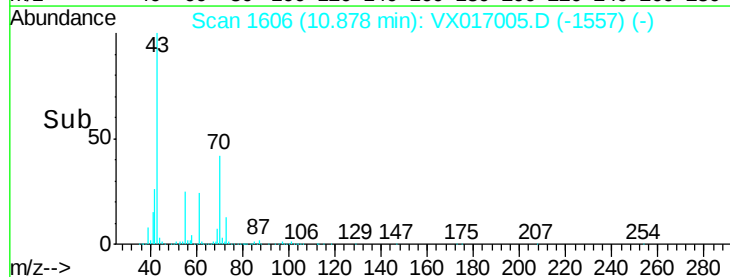
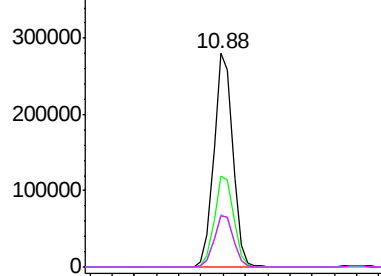


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.187 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

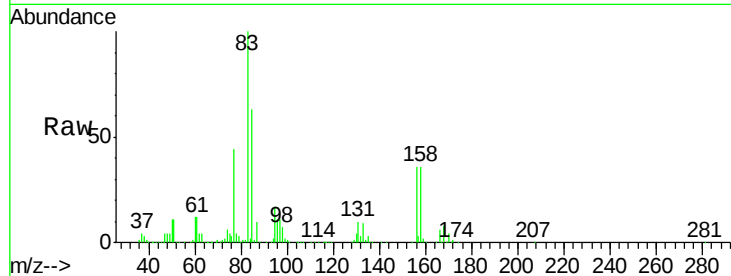
Tot Ion: 83 Resp: 224406

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

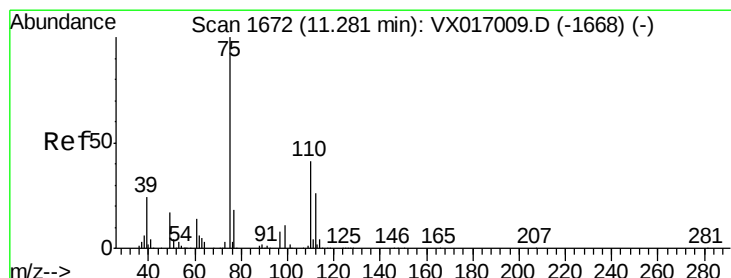
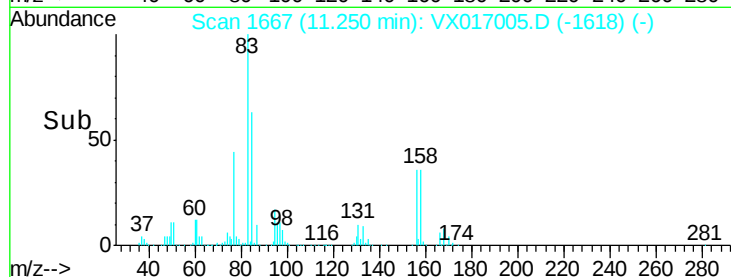
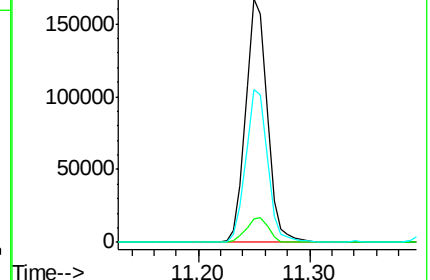
85 63.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.798 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017005.D

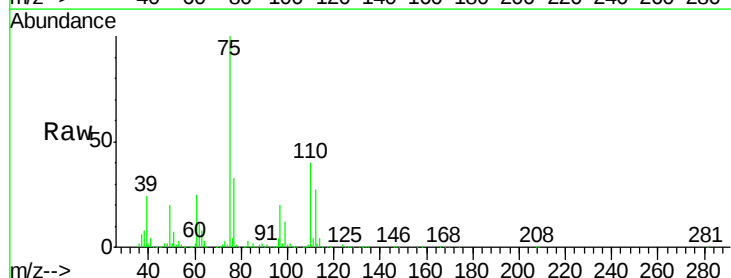
Acq: 29 Jun 2020 13:02

Tgt Ion: 75 Resp: 286132

Ion Ratio Lower Upper

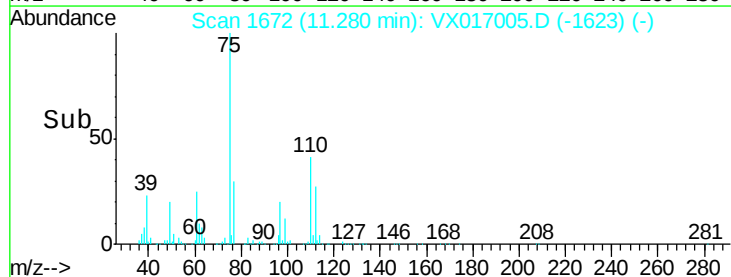
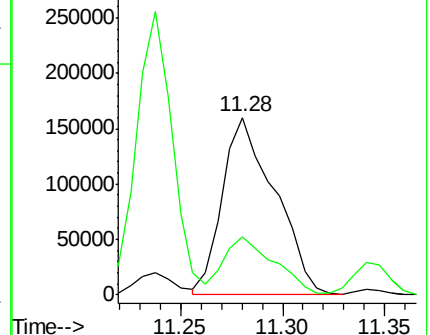
75 100

77 31.7 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.935 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

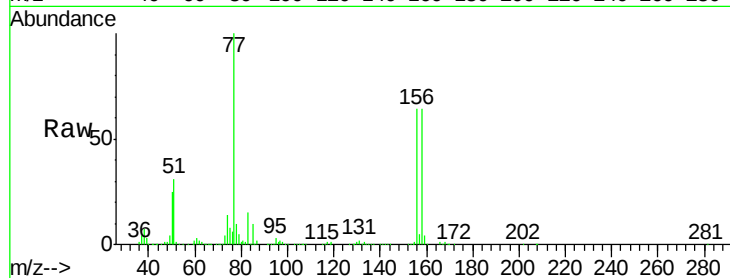
Tot Ion:156 Resp: 199903

Ion Ratio Lower Upper

156 100

77 157.7 85.2 255.6

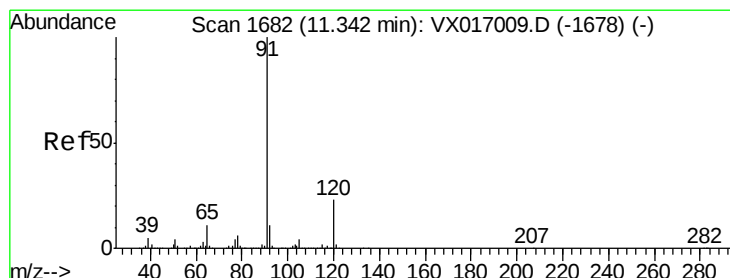
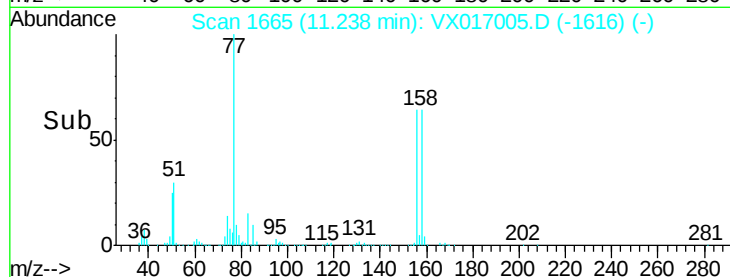
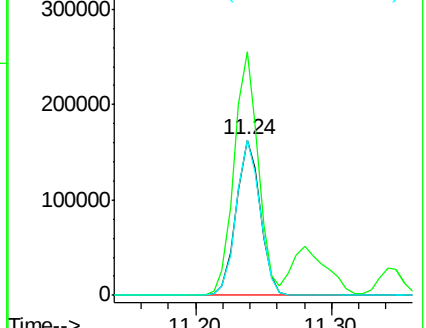
158 98.9 48.3 144.9



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: 49.483 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017005.D

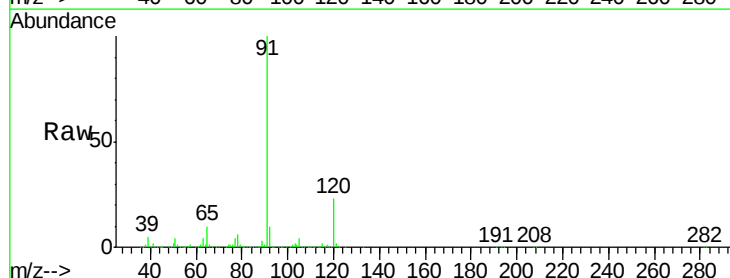
Acq: 29 Jun 2020 13:02

Tgt Ion: 91 Resp: 901801

Ion Ratio Lower Upper

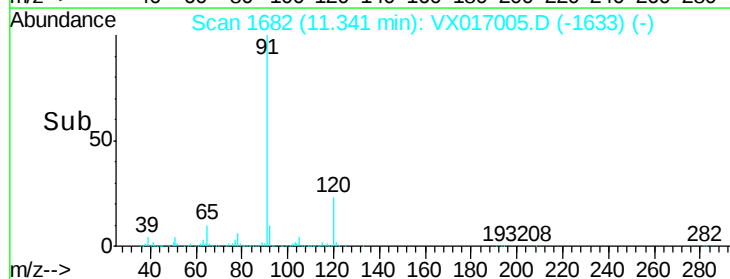
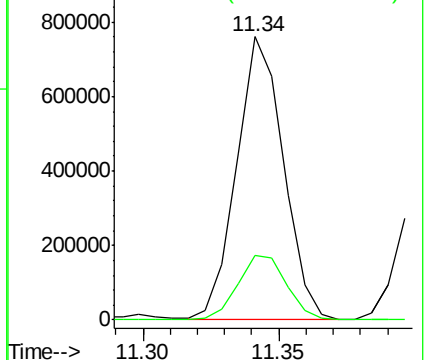
91 100

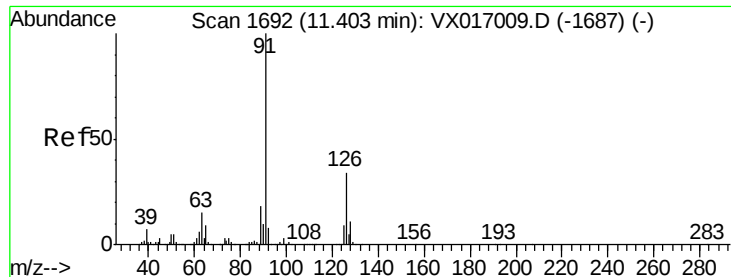
120 23.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

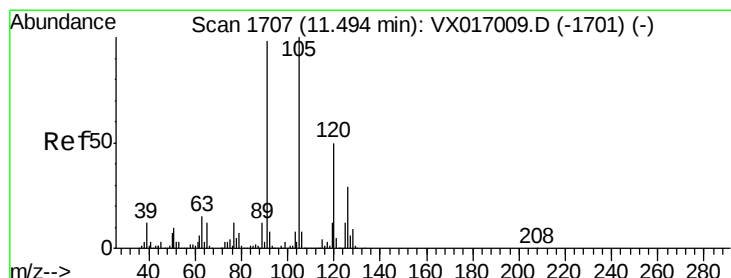
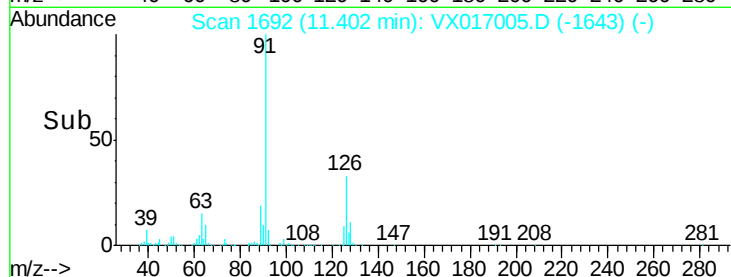
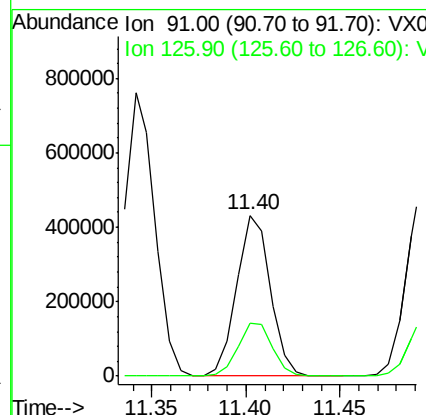
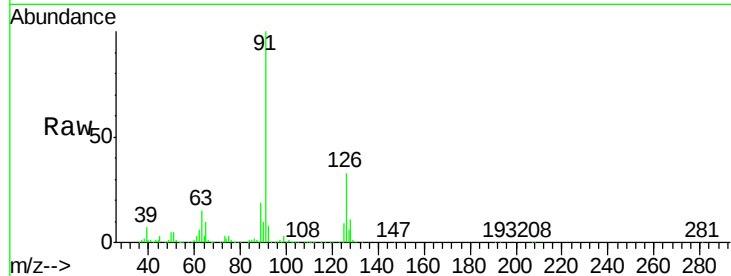




#79
 2-Chlorotoluene
 Concen: 48.709 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

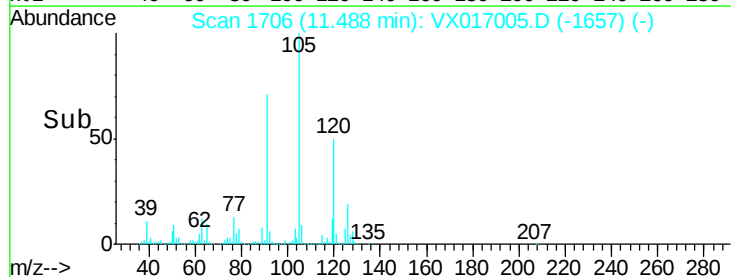
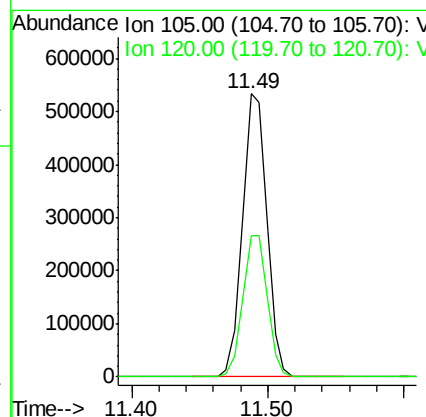
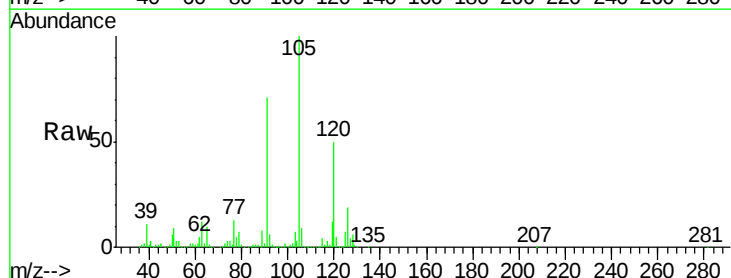
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

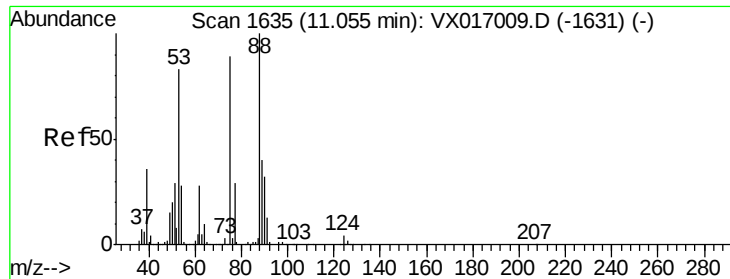
Tot Ion: 91 Resp: 533804
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.6 49.8



#80
 1,3,5-Trimethylbenzene
 Concen: 51.716 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion: 105 Resp: 663710
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.000 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

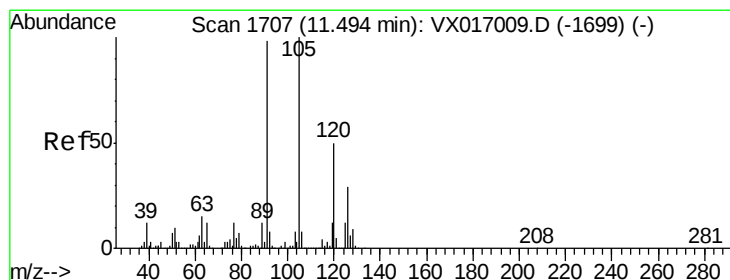
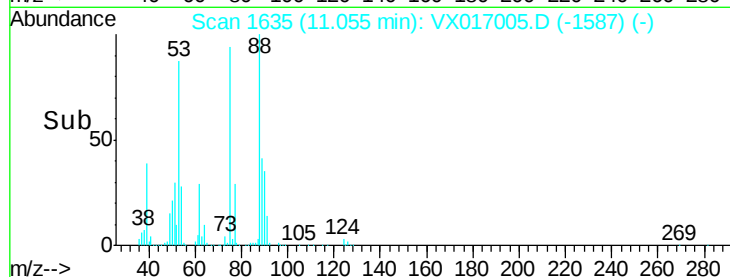
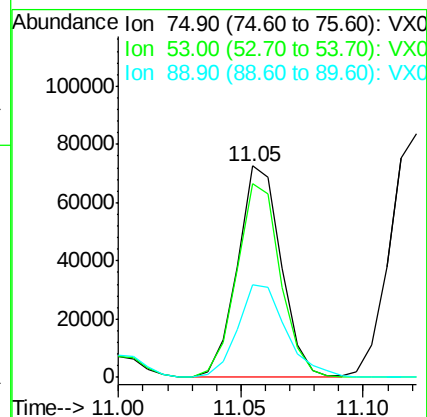
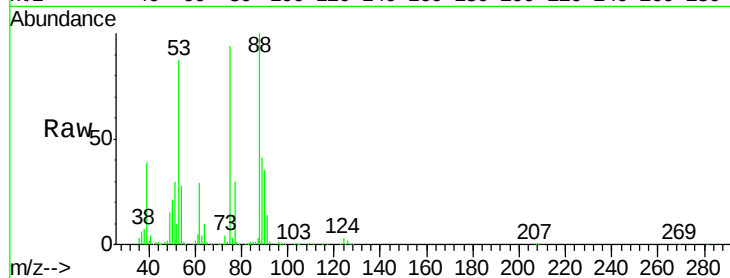
Tot Ion: 75 Resp: 88978

Ion Ratio Lower Upper

75 100

53 92.7 81.9 122.9

89 49.1 35.5 53.3



#82

4-Chlorotoluene

Concen: 49.149 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017005.D

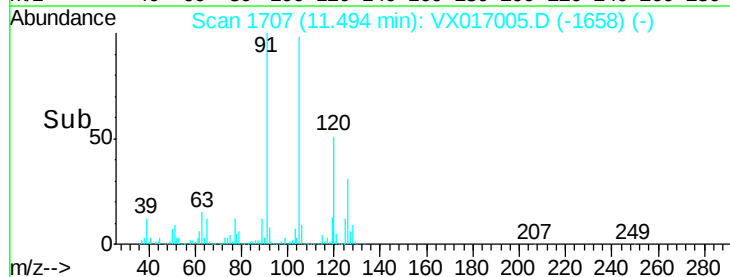
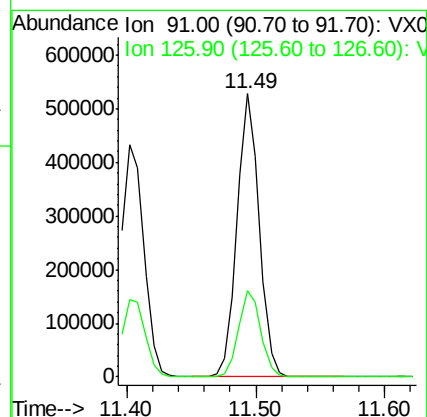
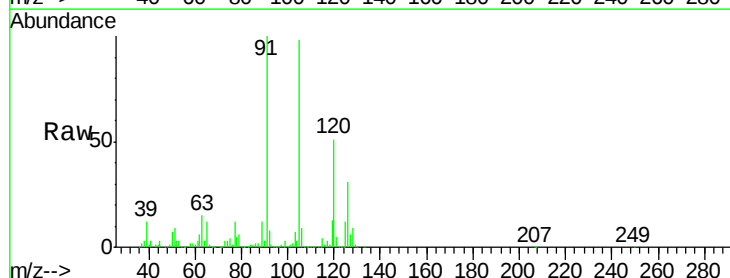
Acq: 29 Jun 2020 13:02

Tgt Ion: 91 Resp: 633941

Ion Ratio Lower Upper

91 100

126 30.8 14.6 44.0





#83

tert-Butylbenzene

Concen: 51.633 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017005.D

Acq: 29 Jun 2020 13:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

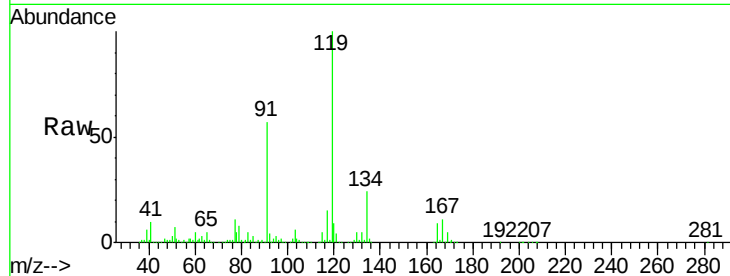
Tot Ion:119 Resp: 645387

Ion Ratio Lower Upper

119 100

91 56.6 30.0 90.0

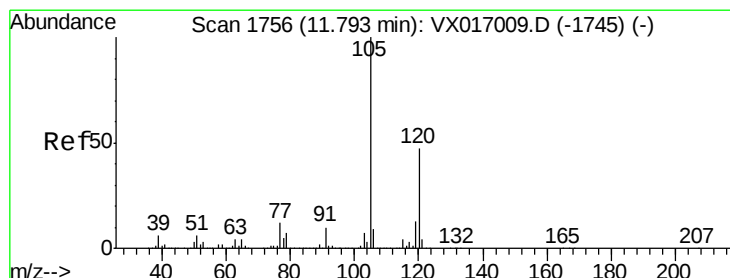
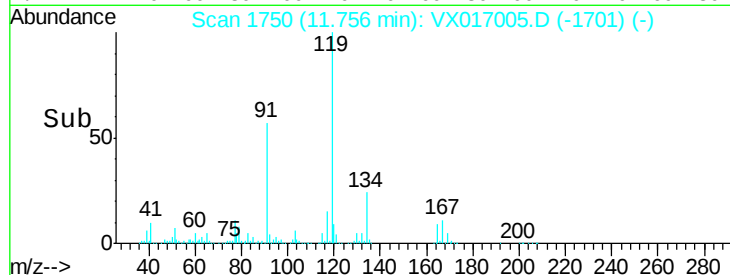
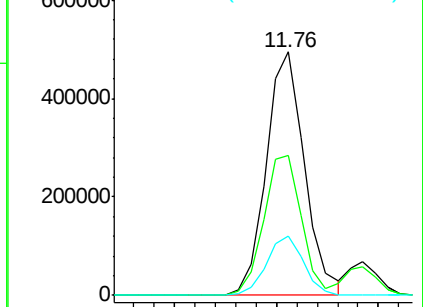
134 23.5 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.544 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017005.D

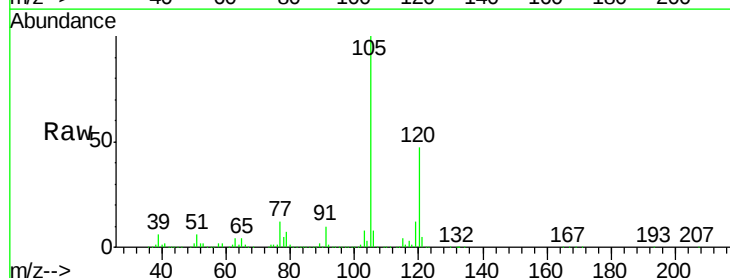
Acq: 29 Jun 2020 13:02

Tgt Ion:105 Resp: 682101

Ion Ratio Lower Upper

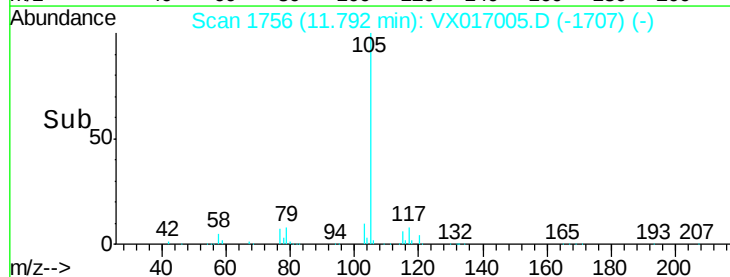
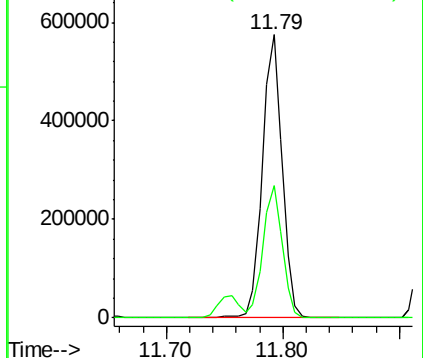
105 100

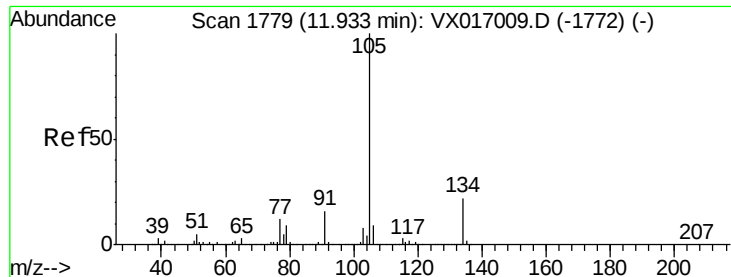
120 45.7 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

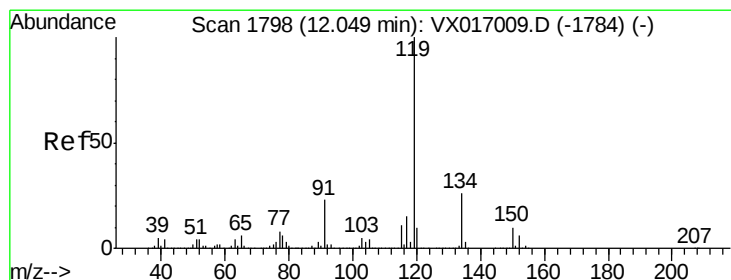
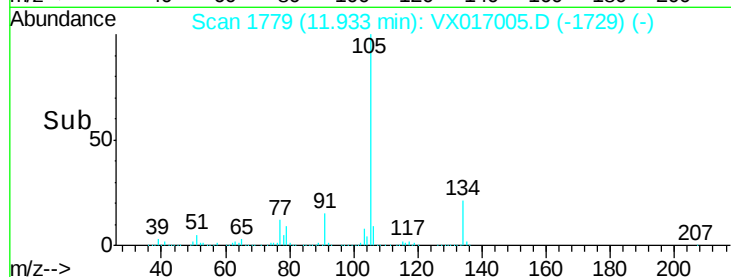
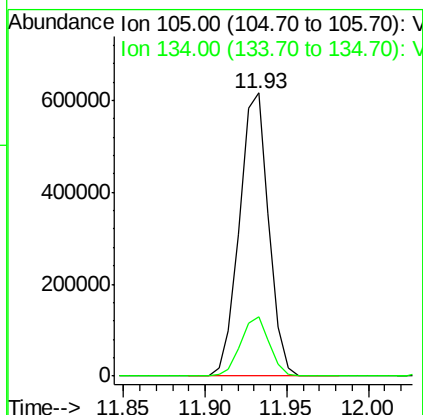
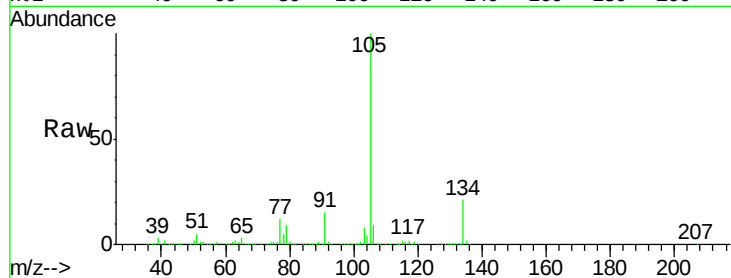




#85
 sec-Butylbenzene
 Concen: 52.823 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

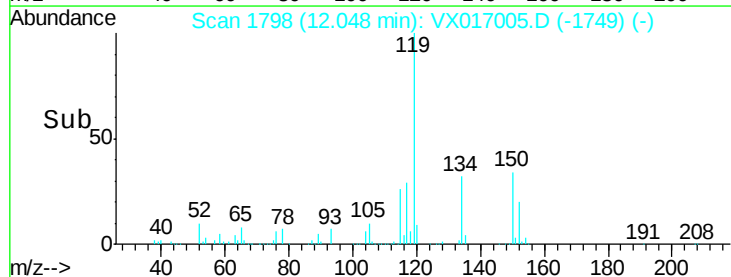
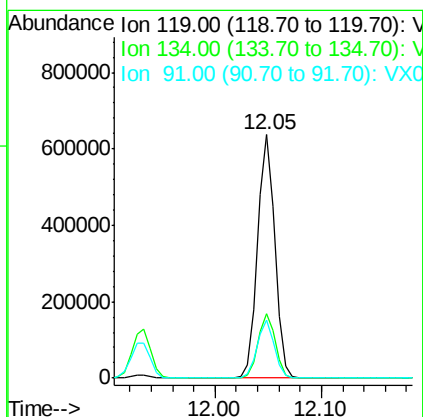
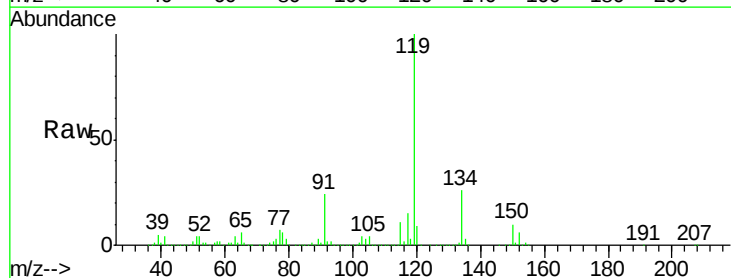
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

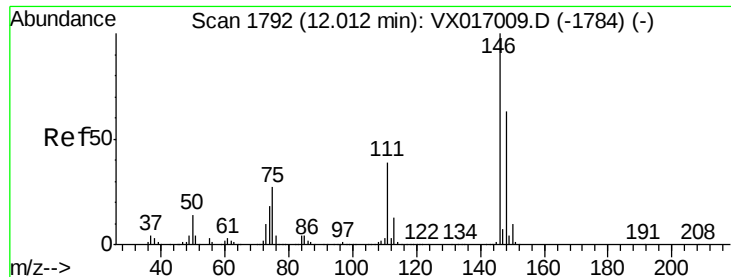
Tot Ion:105 Resp: 769808
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 54.720 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion:119 Resp: 728624
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.4 12.4 37.4

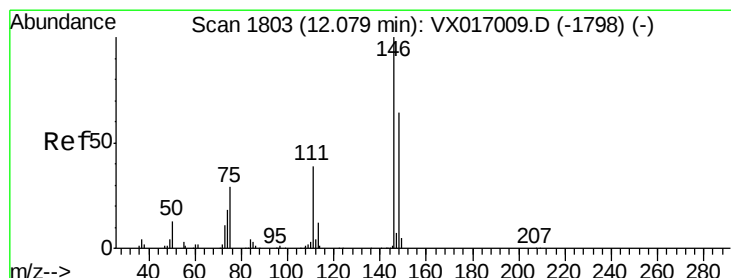
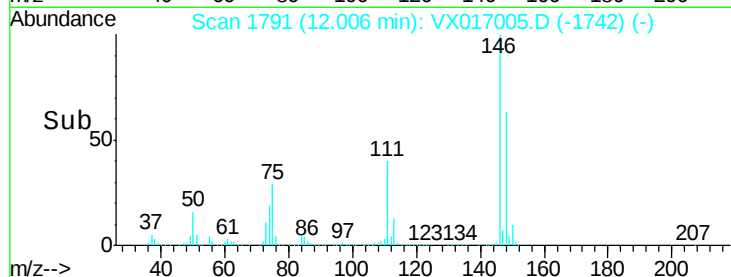
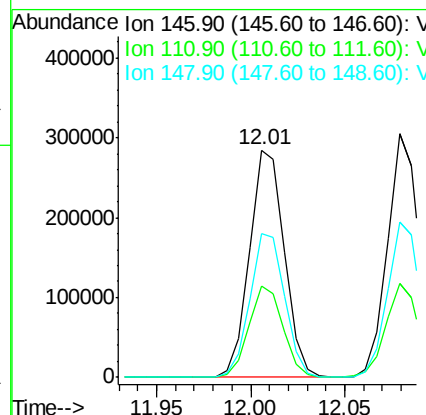
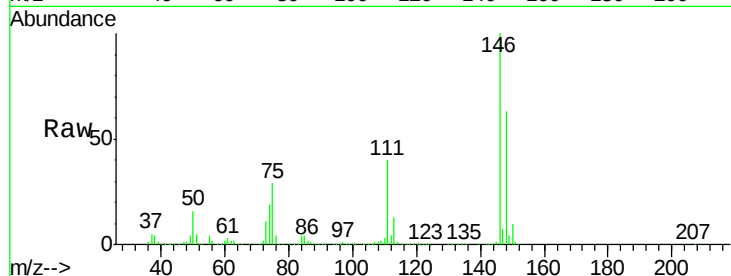




#87
 1,3-Dichlorobenzene
 Concen: 50.606 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

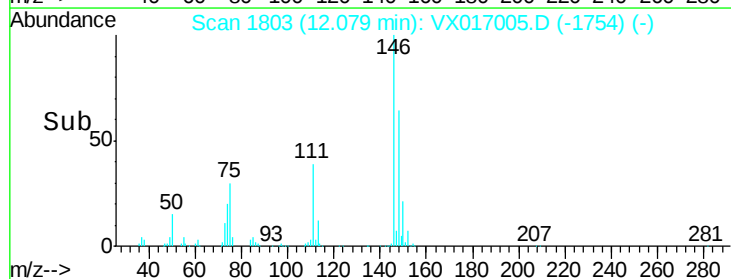
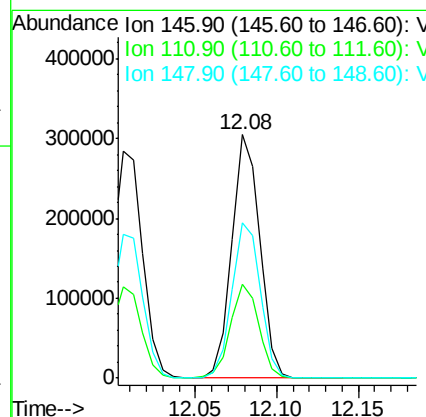
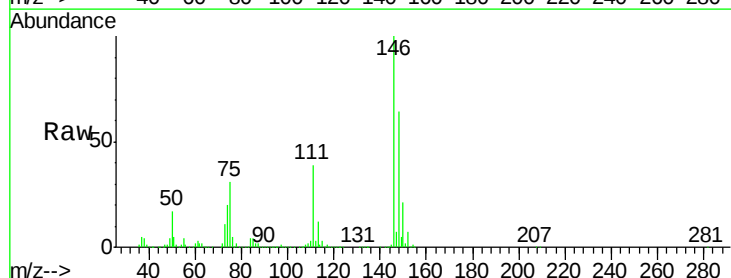
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

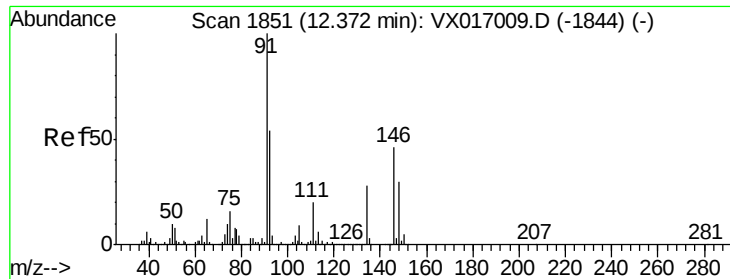
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	63.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.384 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.9	59.7
148	65.4	31.3	93.9

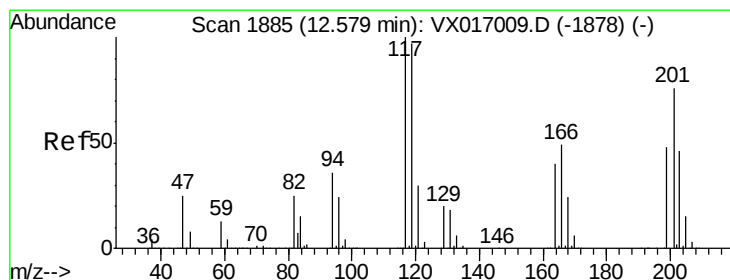
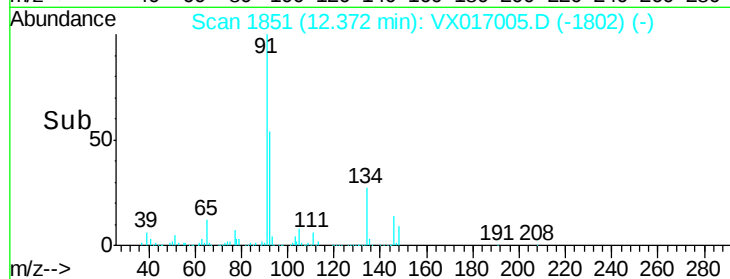
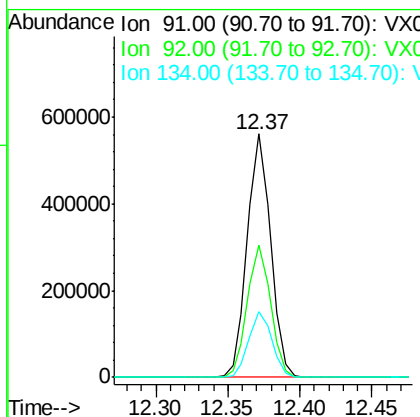
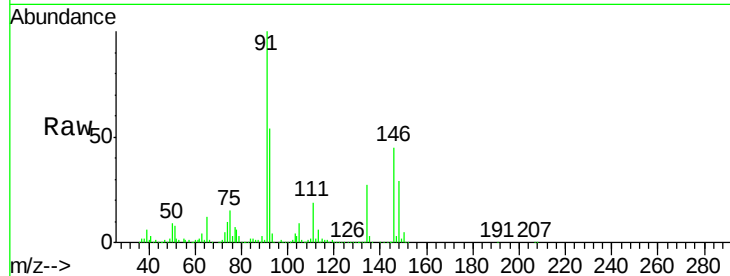




#89
n-Butylbenzene
Concen: 50.165 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

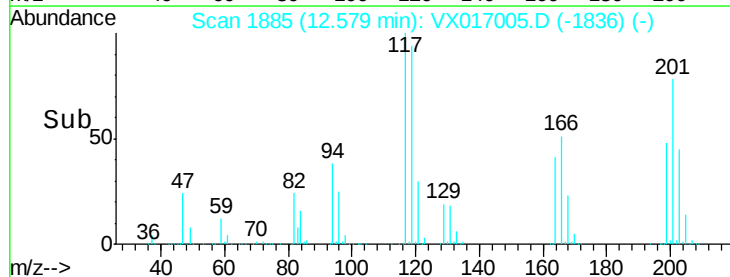
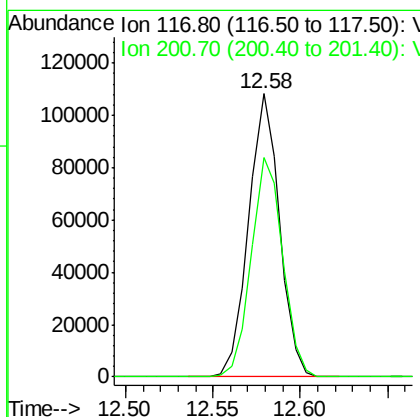
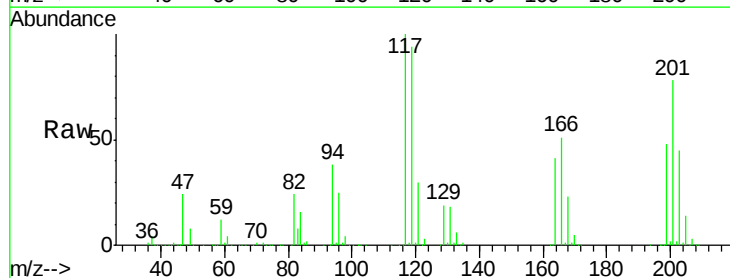
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

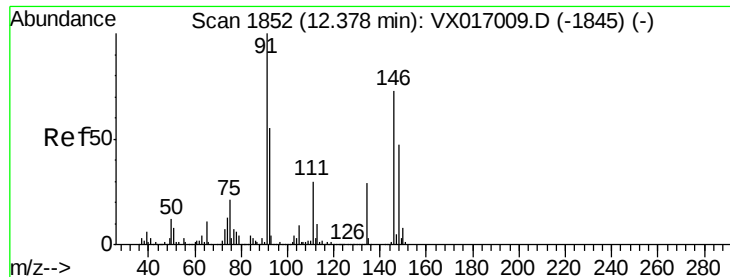
Tot Ion: 91 Resp: 628746
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.7
134 27.0 12.6 37.8



#90
Hexachloroethane
Concen: 48.244 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion: 117 Resp: 133171
Ion Ratio Lower Upper
117 100
201 78.9 34.0 102.0

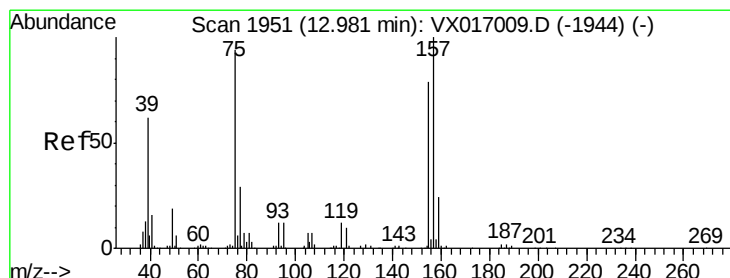
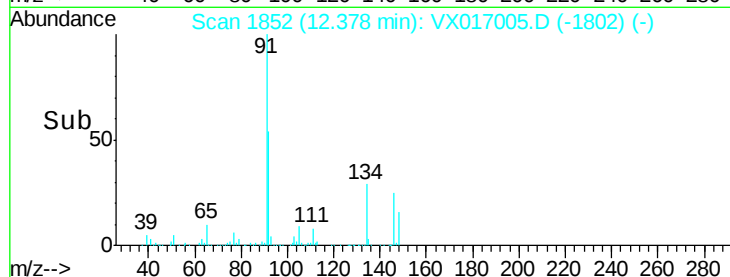
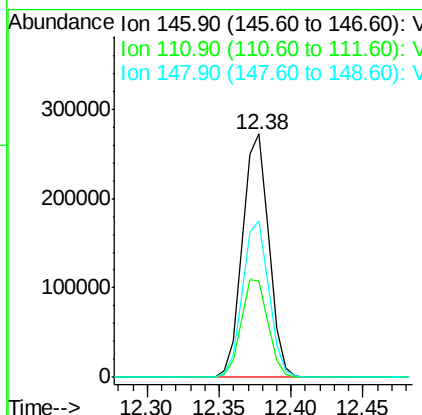
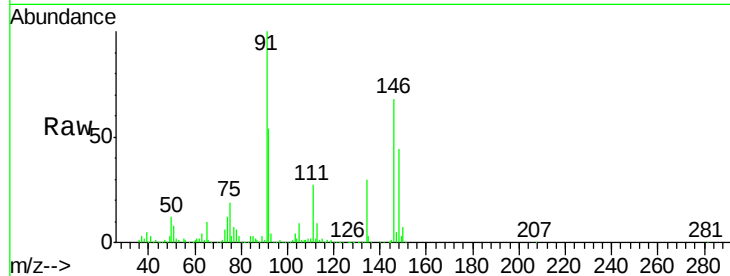




#91
 1,2-Dichlorobenzene
 Concen: 50.733 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

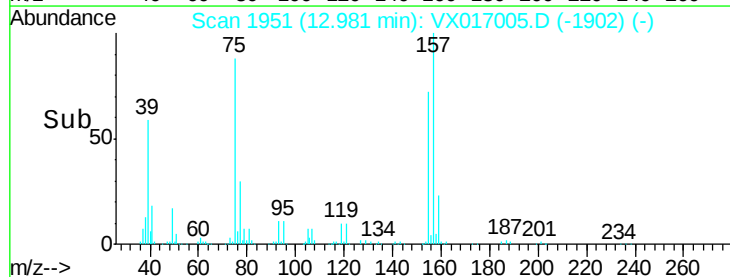
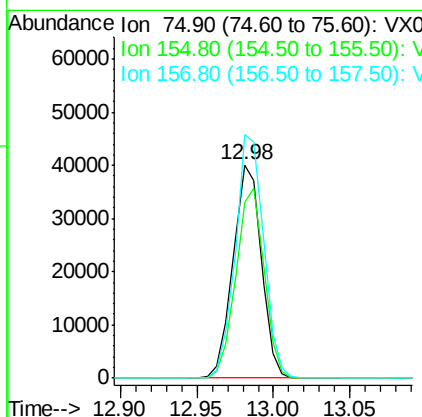
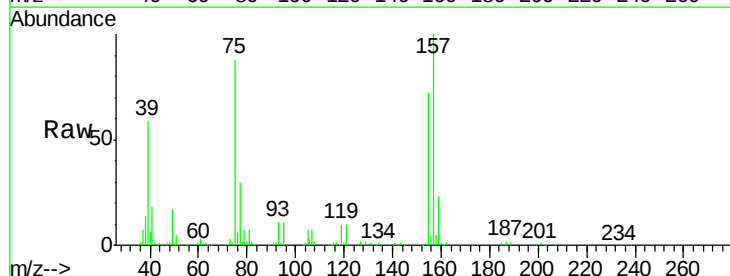
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

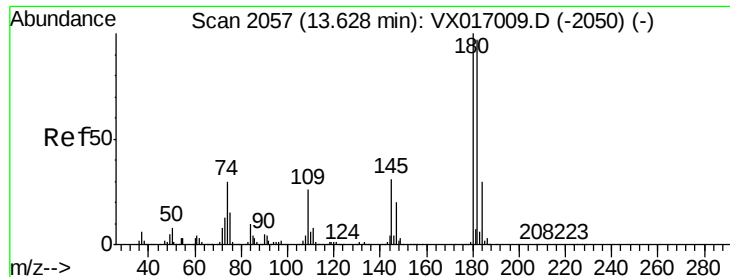
Tot Ion:146 Resp: 345594
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.6 64.6
 148 64.0 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.185 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion: 75 Resp: 51347
 Ion Ratio Lower Upper
 75 100
 155 89.0 39.0 117.0
 157 114.5 50.0 150.1

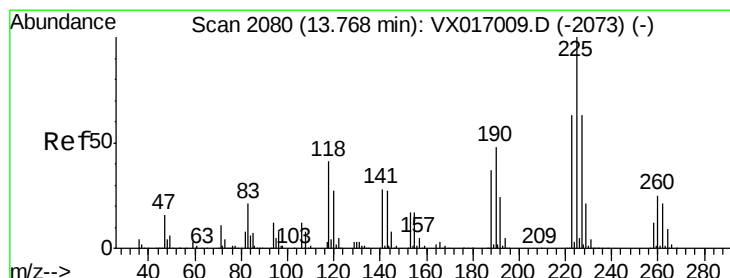
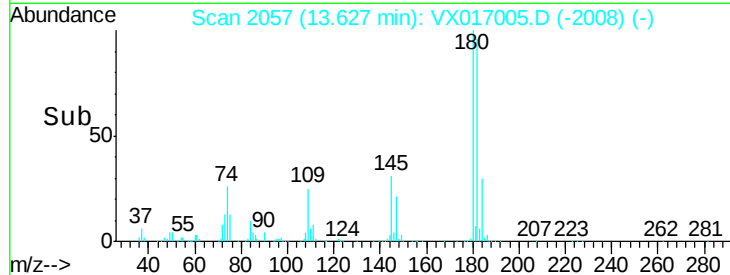
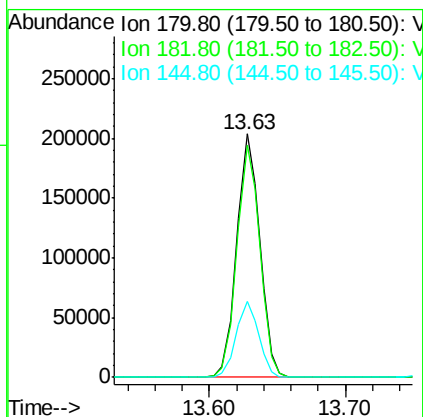
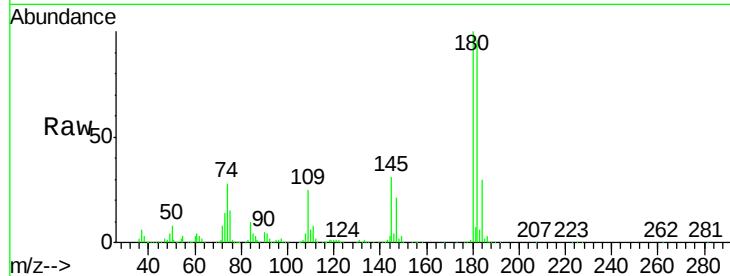




#93
 1,2,4-Trichlorobenzene
 Concen: 54.019 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

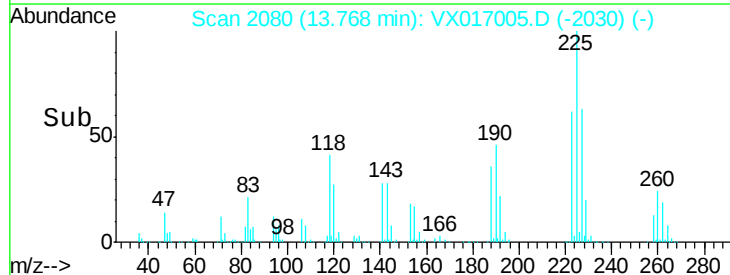
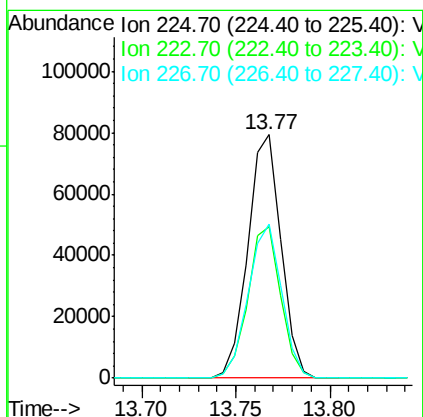
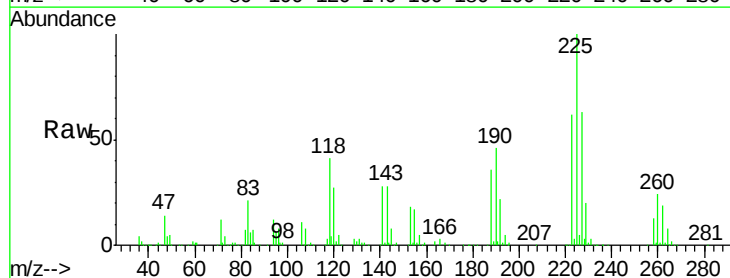
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

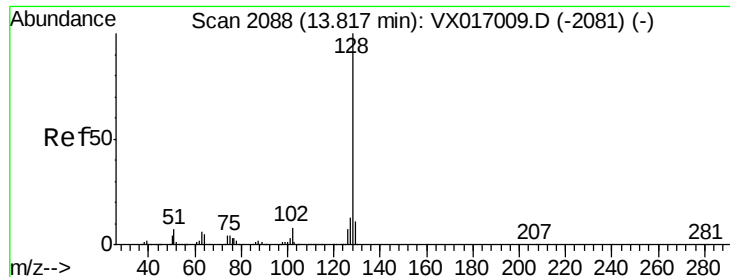
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.4	139.1
145	30.7	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 60.699 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017005.D
 Acq: 29 Jun 2020 13:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.1	93.2
227	63.7	30.3	90.9

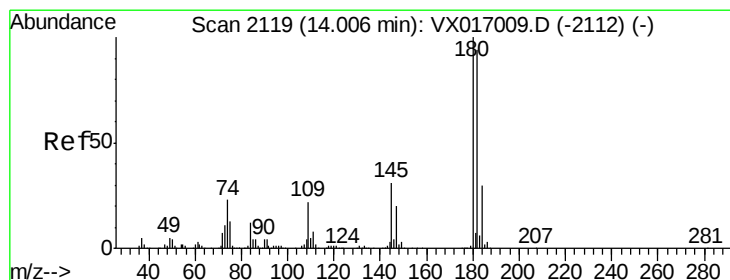
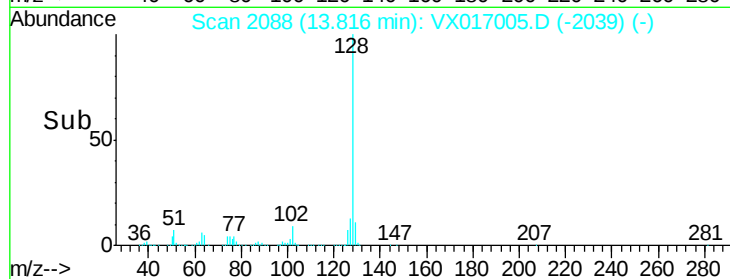
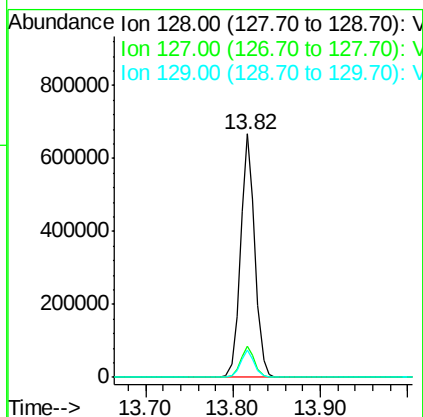
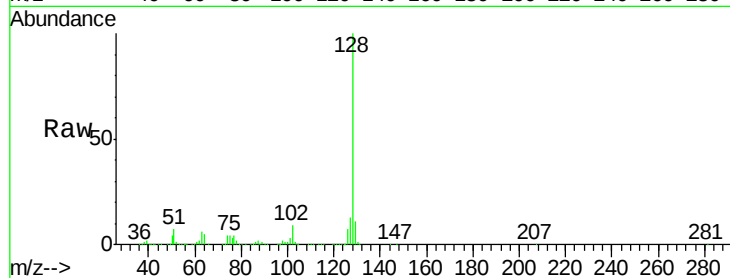




#95
Naphthalene
Concen: 51.957 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 757907
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.343 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017005.D
Acq: 29 Jun 2020 13:02

Tgt Ion:180 Resp: 235603
Ion Ratio Lower Upper
180 100
182 93.3 47.8 143.3
145 32.6 16.9 50.6

