

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052020\
 Data File : VX016350.D
 Acq On : 20 May 2020 10:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 21 03:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	250774	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	395719	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	364176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	181407	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	154234	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
35) Dibromofluoromethane	5.46	113	129190	51.53	ug/l	-0.01
Spiked Amount			Recovery	=	103.06%	
50) Toluene-d8	8.70	98	495413	51.29	ug/l	0.00
Spiked Amount			Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.12	95	194834	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	142105	53.536	ug/l	98
3) Chloromethane	1.31	50	155352	50.396	ug/l	99
4) Vinyl Chloride	1.39	62	172214	52.363	ug/l	99
5) Bromomethane	1.62	94	69263	41.774	ug/l	99
6) Chloroethane	1.70	64	104968	52.455	ug/l	98
7) Trichlorofluoromethane	1.91	101	227389	52.664	ug/l	99
8) Diethyl Ether	2.17	74	94114	51.732	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128631	51.637	ug/l	99
10) Methyl Iodide	2.48	142	145116	43.369	ug/l	99
11) Tert butyl alcohol	3.01	59	205350	246.085	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132395	50.788	ug/l	97
13) Acrolein	2.27	56	163642	313.382	ug/l	100
14) Allyl chloride	2.70	41	232830	48.712	ug/l	94
15) Acrylonitrile	3.11	53	450653	260.327	ug/l	99
16) Acetone	2.42	43	368509	250.278	ug/l	95
17) Carbon Disulfide	2.54	76	355614	45.407	ug/l	99
18) Methyl Acetate	2.75	43	195532	54.010	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	501061	55.757	ug/l	98
20) Methylene Chloride	2.83	84	153533	50.582	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	146892	50.566	ug/l	97
22) Diisopropyl ether	3.82	45	465395	51.612	ug/l	95
23) Vinyl Acetate	3.78	43	2026161	255.401	ug/l	98
24) 1,1-Dichloroethane	3.67	63	268975	53.323	ug/l	98
25) 2-Butanone	4.63	43	597095	251.660	ug/l	95
26) 2,2-Dichloropropane	4.54	77	248576	53.960	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	174936	55.083	ug/l	95
28) Bromochloromethane	4.98	49	108989	47.385	ug/l	92
29) Tetrahydrofuran	5.08	42	393950	250.587	ug/l	96
30) Chloroform	5.17	83	275997	54.954	ug/l	98
31) Cyclohexane	5.54	56	221113	48.233	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	246855	54.073	ug/l	97
36) 1,1-Dichloropropene	5.76	75	206806	53.091	ug/l	99
37) Ethyl Acetate	4.79	43	229880	50.917	ug/l	97
38) Carbon Tetrachloride	5.75	117	217380	54.904	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	220899	47.090	ug/l	97
40) Benzene	6.10	78	627221	55.032	ug/l	100
41) Methacrylonitrile	4.99	41	126099	51.718	ug/l	96
42) 1,2-Dichloroethane	6.16	62	214353	52.208	ug/l	98
43) Isopropyl Acetate	6.40	43	371778	51.611	ug/l	97
44) Trichloroethene	7.18	130	210623	52.017	ug/l	99
45) 1,2-Dichloropropane	7.49	63	162899	56.485	ug/l	100
46) Dibromomethane	7.63	93	107183	54.689	ug/l	98
47) Bromodichloromethane	7.87	83	227730	57.053	ug/l	98
48) Methyl methacrylate	7.74	41	176325	51.658	ug/l	92
49) 1,4-Dioxane	7.71	88	83530	1020.360	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1170225	265.472	ug/l	96
52) Toluene	8.76	92	405954	57.143	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	263225	55.310	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	280694	56.467	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	164138	58.724	ug/l	99
56) Ethyl methacrylate	9.16	69	264603	57.996	ug/l	92
57) 1,3-Dichloropropane	9.35	76	279124	57.232	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	651220	268.111	ug/l	98
59) 2-Hexanone	9.48	43	914031	264.035	ug/l	95
60) Dibromochloromethane	9.57	129	185393	60.225	ug/l	99
61) 1,2-Dibromoethane	9.65	107	174004	57.474	ug/l	99
64) Tetrachloroethene	9.32	164	237140	53.043	ug/l	98
65) Chlorobenzene	10.12	112	437716	57.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	169009	59.965	ug/l	98
67) Ethyl Benzene	10.23	91	767830	56.434	ug/l	99
68) m/p-Xylenes	10.34	106	585453	114.850	ug/l	100
69) o-Xylene	10.68	106	283573	57.873	ug/l	100
70) Styrene	10.70	104	498812	60.005	ug/l	99
71) Bromoform	10.84	173	142793	62.185	ug/l #	99
73) Isopropylbenzene	11.00	105	737806	55.918	ug/l	99
74) N-amyl acetate	10.88	43	323462	52.557	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	171952	64.072	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	313470	76.149	ug/l	84
77) Bromobenzene	11.24	156	189221	55.560	ug/l	99
78) n-propylbenzene	11.34	91	838597	54.632	ug/l	100
79) 2-Chlorotoluene	11.40	91	513503	56.675	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	618226	55.494	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	99691	57.711	ug/l	92
82) 4-Chlorotoluene	11.49	91	605346	56.577	ug/l	99
83) tert-Butylbenzene	11.76	119	518743	54.031	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	631996	56.113	ug/l	98
85) sec-Butylbenzene	11.93	105	665918	51.371	ug/l	100
86) p-Isopropyltoluene	12.05	119	620310	51.541	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	334223	54.655	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	344554	55.514	ug/l	99
89) n-Butylbenzene	12.37	91	526071	47.846	ug/l	100
90) Hexachloroethane	12.58	117	108098	52.298	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	330249	56.086	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58114	53.564	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

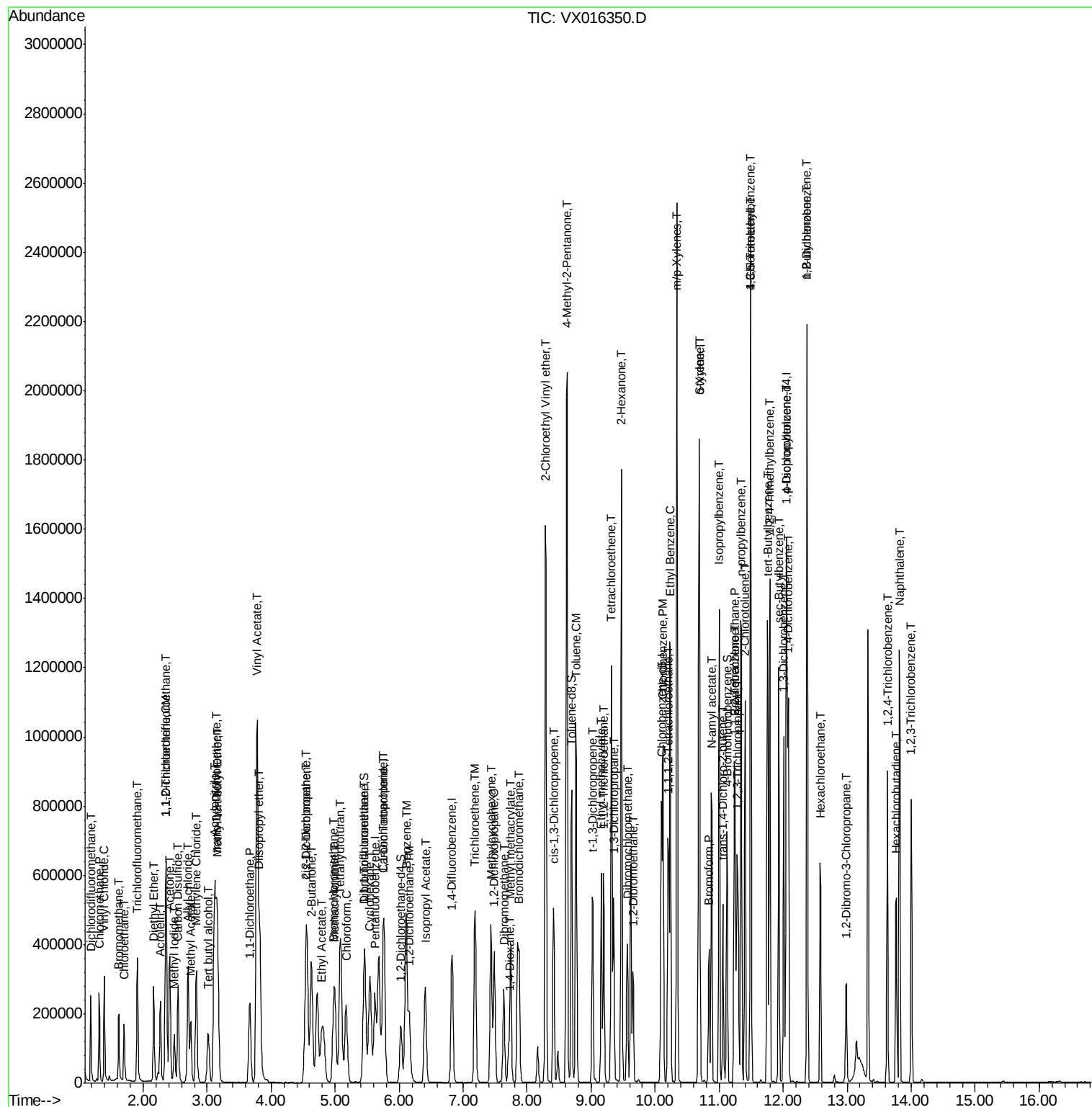
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217305	49.847	ug/l	98
94) Hexachlorobutadiene	13.77	225	84538	45.087	ug/l	99
95) Naphthalene	13.82	128	768119	54.416	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	211040	49.534	ug/l	97

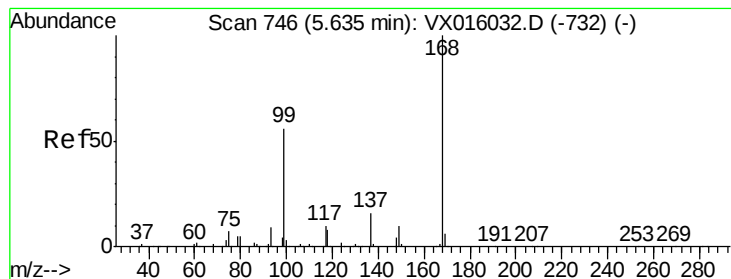
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

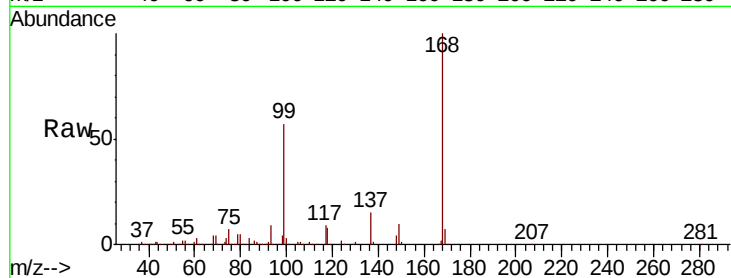
VSTDCCC050

Tot Ion:168 Resp: 250774

Ion Ratio Lower Upper

168 100

99 56.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

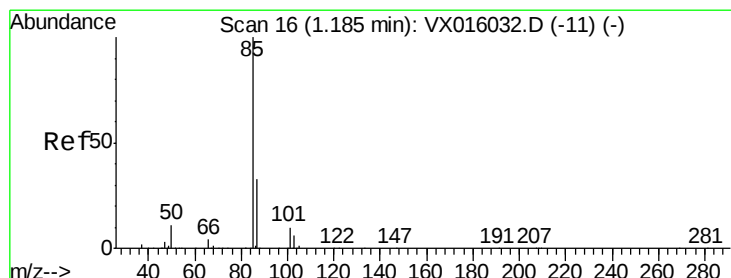
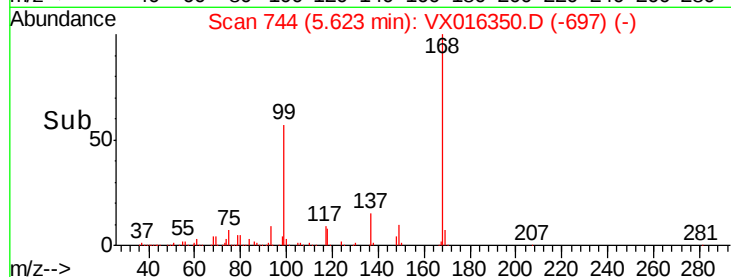
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.536 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016350.D

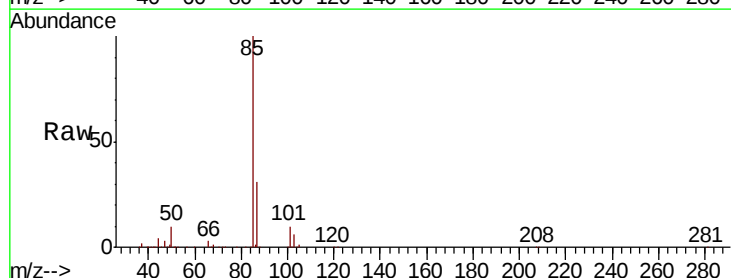
Acq: 20 May 2020 10:48

Tgt Ion: 85 Resp: 142105

Ion Ratio Lower Upper

85 100

87 31.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

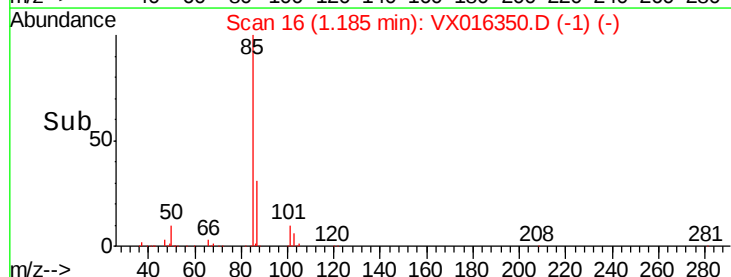
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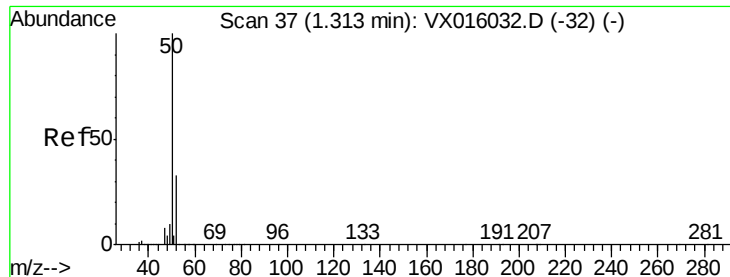
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50000

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Time-->

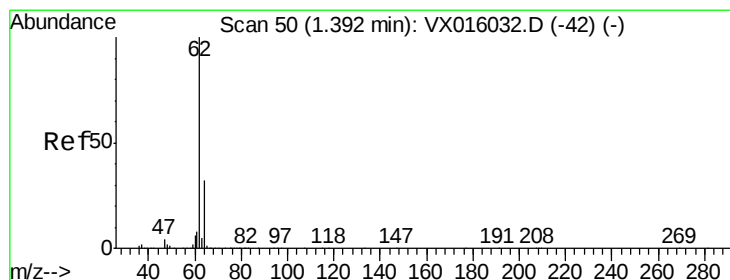
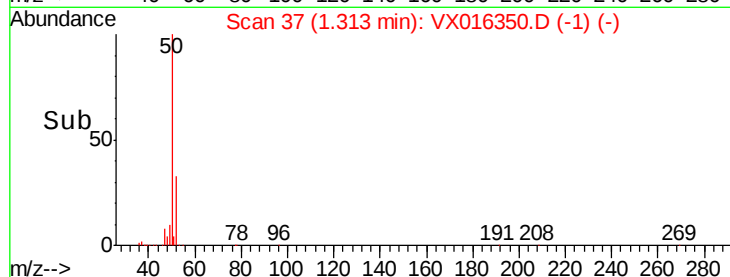
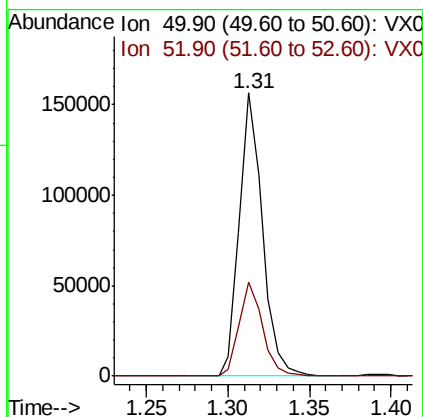
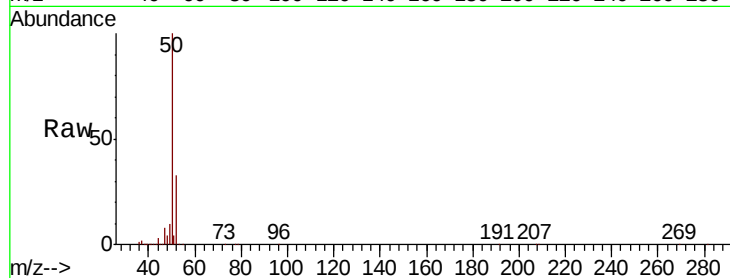




#3
Chloromethane
Concen: 50.396 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

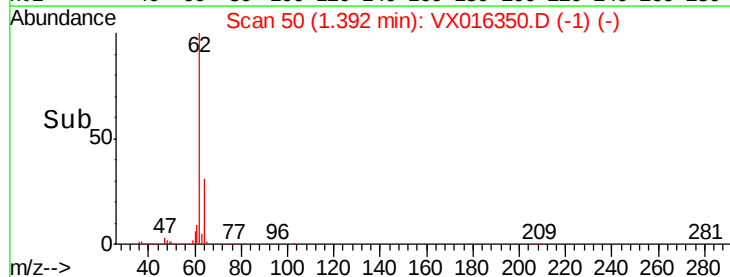
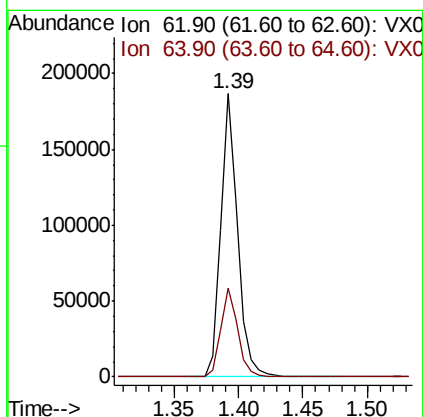
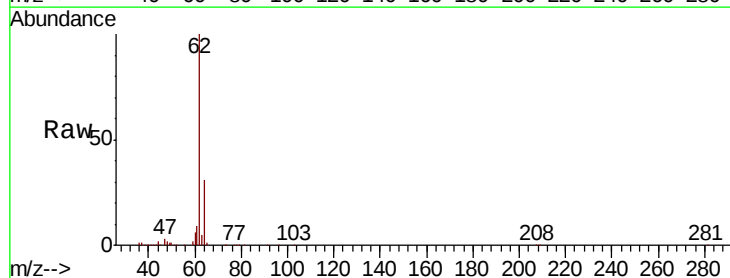
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

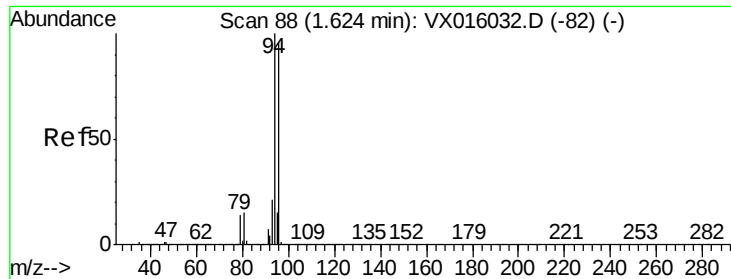
Tot Ion: 50 Resp: 155352
Ion Ratio Lower Upper
50 100
52 33.0 26.1 39.1



#4
Vinyl Chloride
Concen: 52.363 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion: 62 Resp: 172214
Ion Ratio Lower Upper
62 100
64 31.4 25.7 38.5





#5

Bromomethane

Concen: 41.774 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

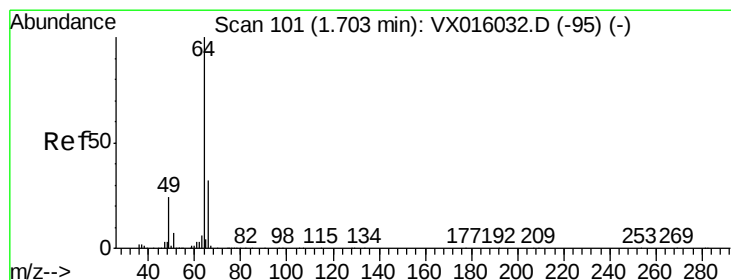
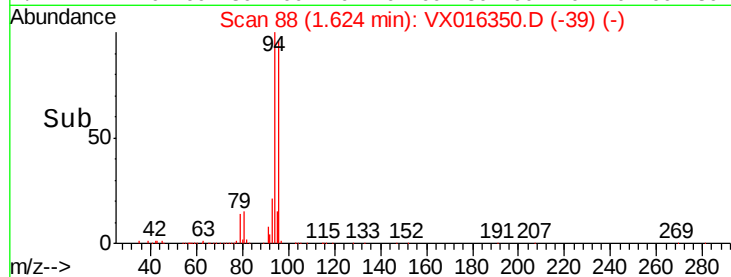
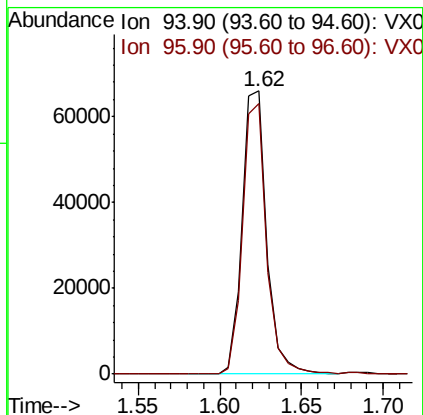
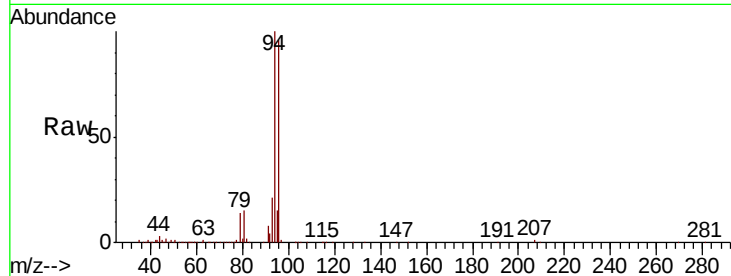
VSTDCCC050

Tot Ion: 94 Resp: 69263

Ion Ratio Lower Upper

94 100

96 95.4 76.9 115.3



#6

Chloroethane

Concen: 52.455 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016350.D

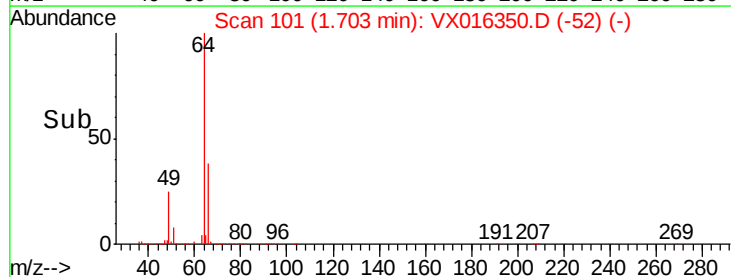
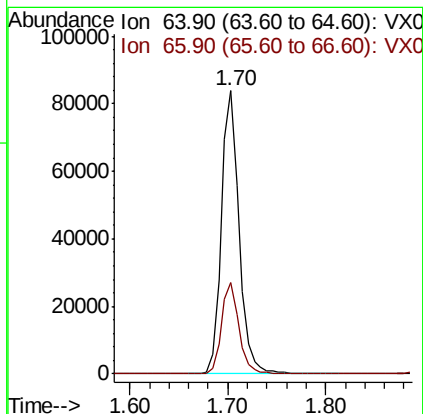
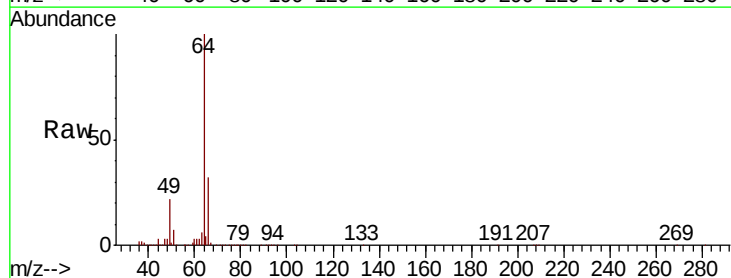
Acq: 20 May 2020 10:48

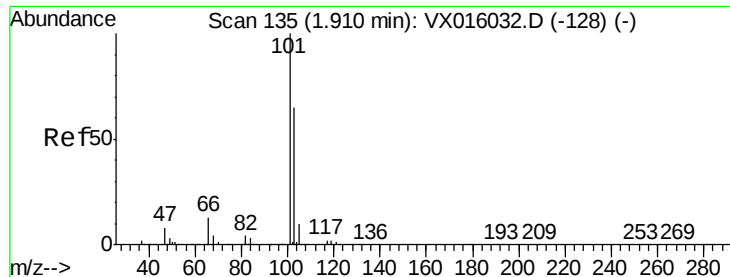
Tgt Ion: 64 Resp: 104968

Ion Ratio Lower Upper

64 100

66 32.4 25.2 37.8



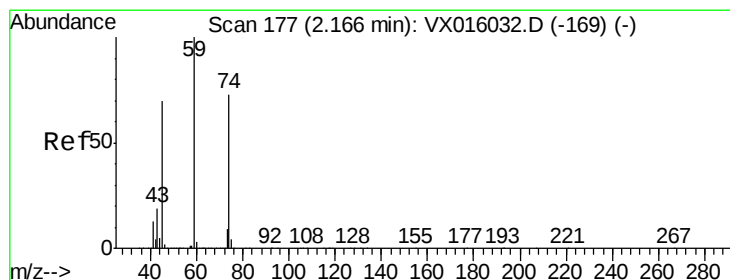
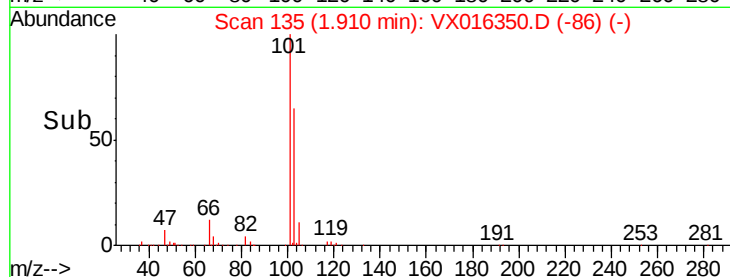
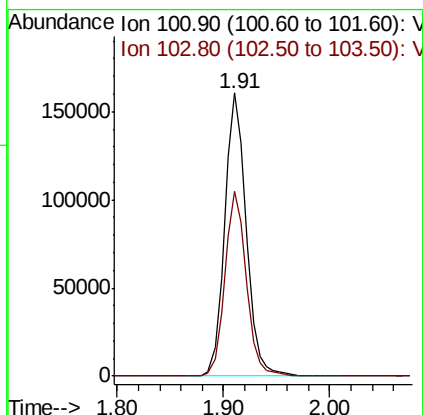
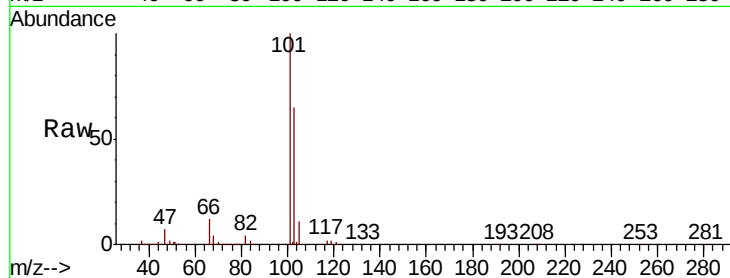


#7

Trichlorofluoromethane
 Concen: 52.664 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

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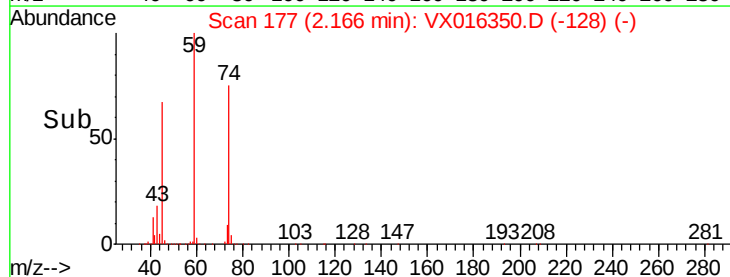
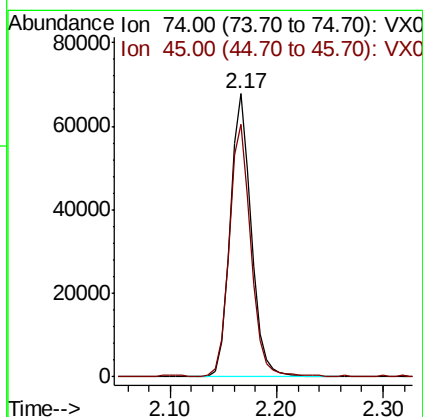
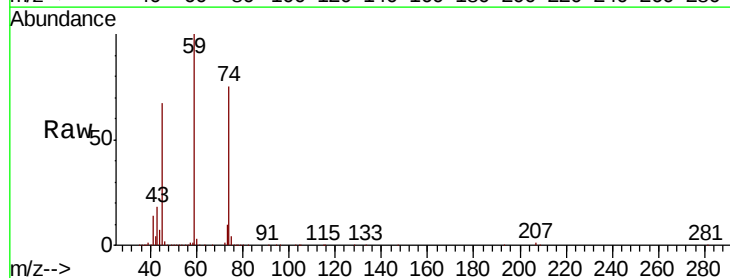
Tot Ion:101 Resp: 227389
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.6

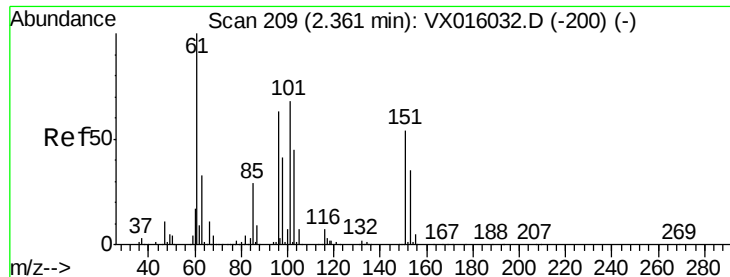


#8

Diethyl Ether
 Concen: 51.732 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Tgt Ion: 74 Resp: 94114
 Ion Ratio Lower Upper
 74 100
 45 90.1 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.637 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

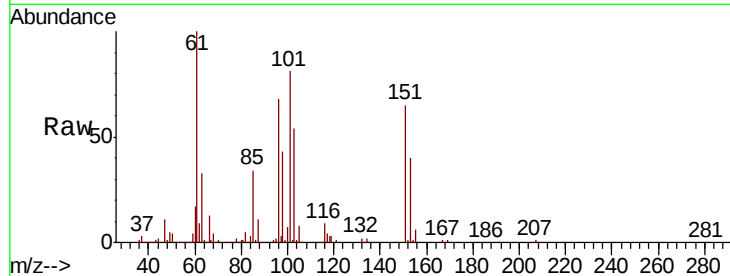
Tot Ion:101 Resp: 128631

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

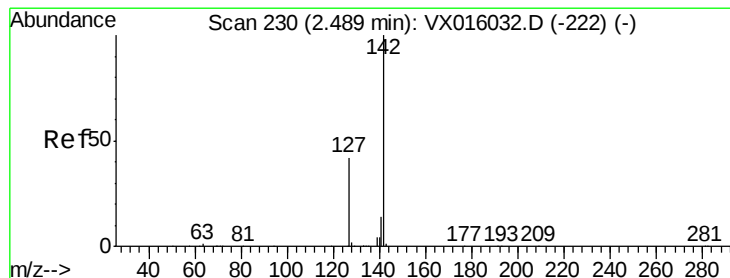
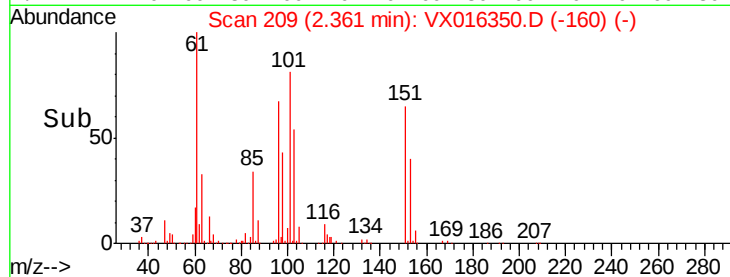
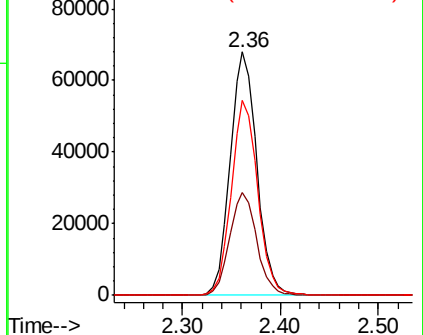
151 79.4 62.1 93.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.369 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

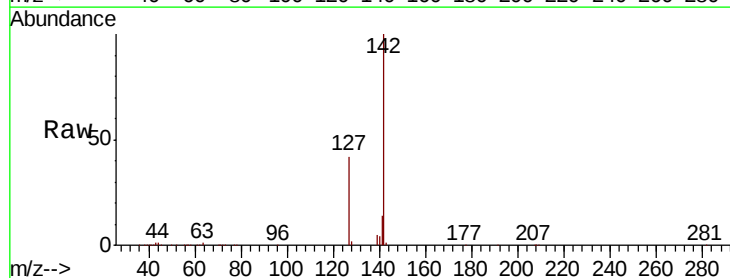
Tgt Ion:142 Resp: 145116

Ion Ratio Lower Upper

142 100

127 43.0 34.6 52.0

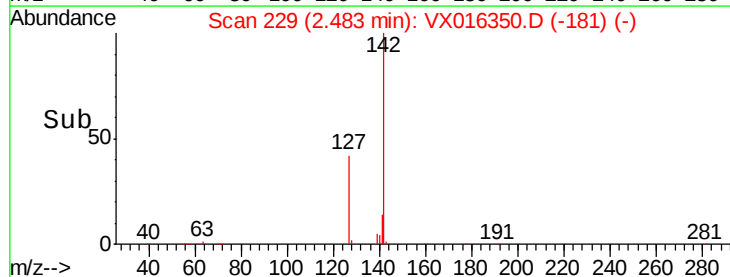
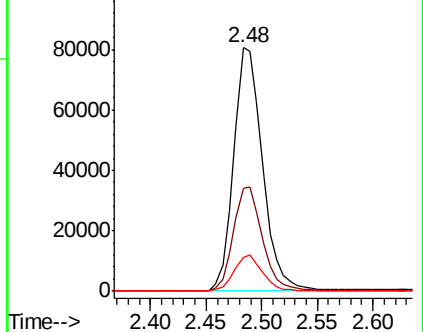
141 14.5 11.3 16.9

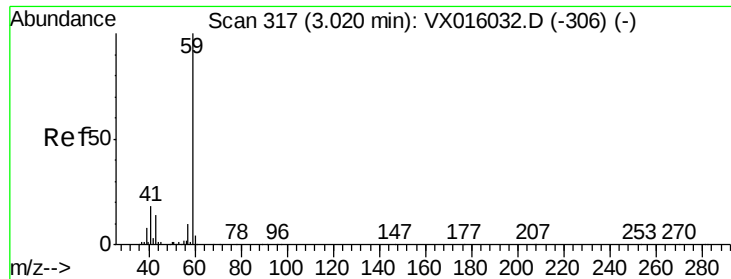


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

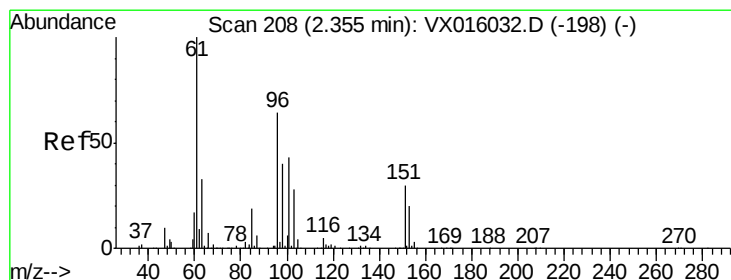
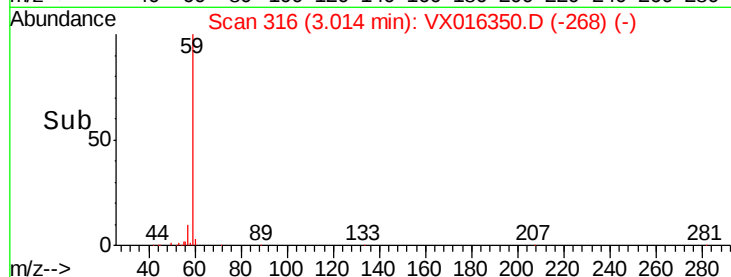
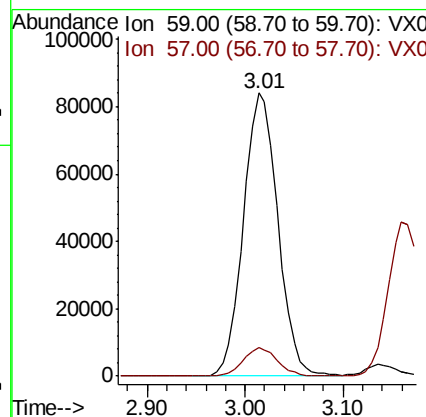
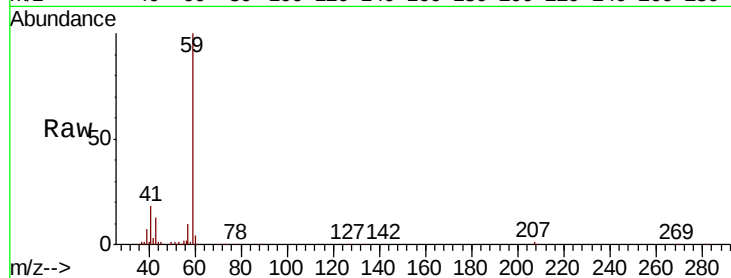




#11
Tert butyl alcohol
Concen: 246.085 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

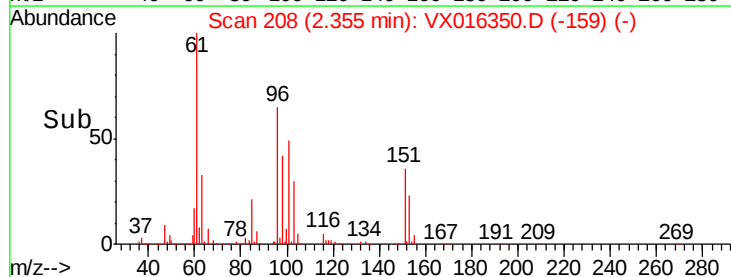
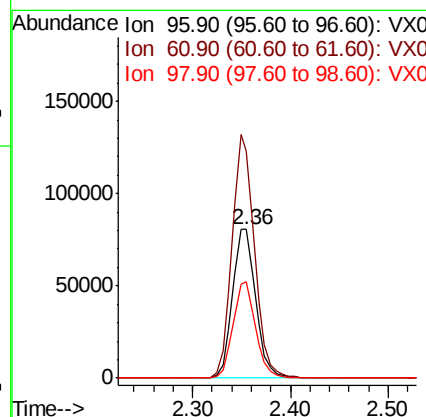
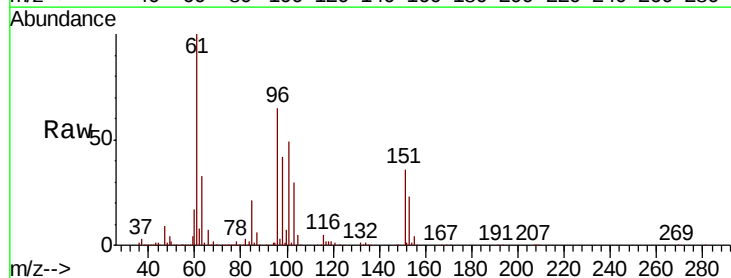
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

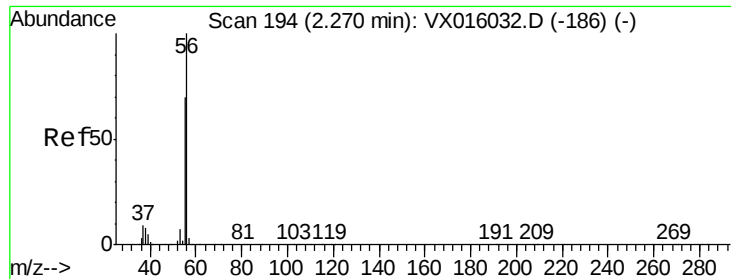
Tot Ion: 59 Resp: 205350
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.788 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion: 96 Resp: 132395
Ion Ratio Lower Upper
96 100
61 153.1 124.8 187.2
98 64.9 49.7 74.5





#13

Acrolein

Concen: 313.382 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

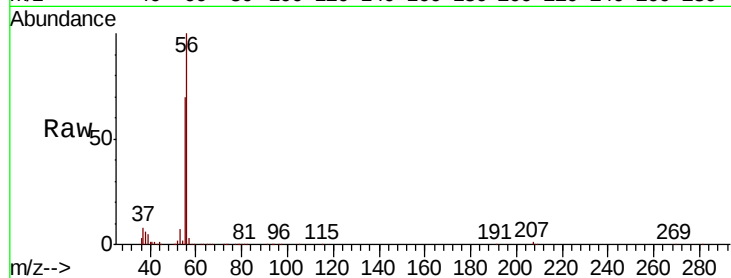
VSTDCCC050

Tot Ion: 56 Resp: 163642

Ion Ratio Lower Upper

56 100

55 70.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

120000

100000

80000

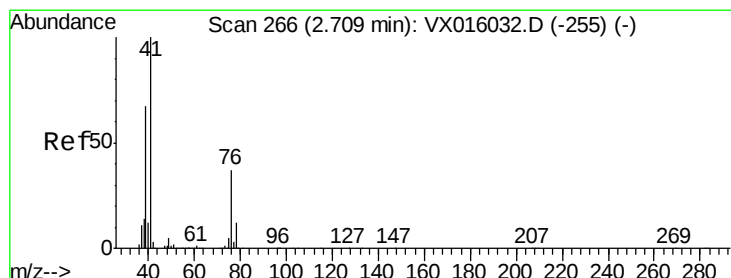
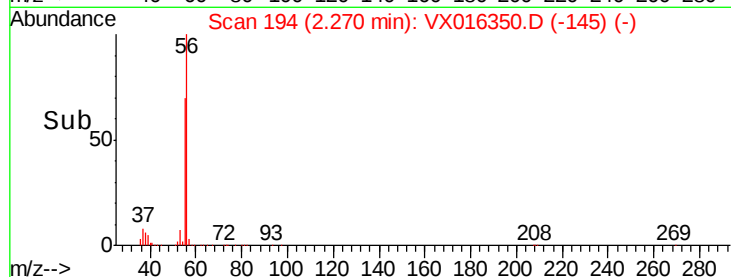
60000

40000

20000

0

Time--> 2.10 2.20 2.30 2.40



#14

Allyl chloride

Concen: 48.712 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

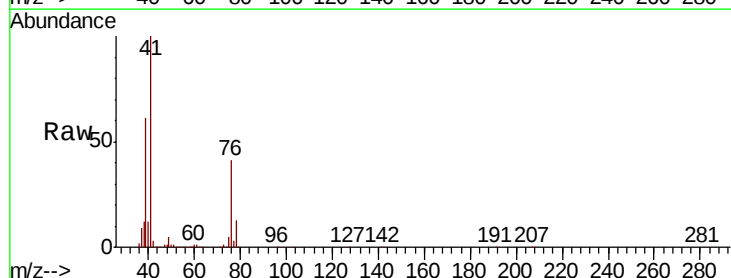
Tgt Ion: 41 Resp: 232830

Ion Ratio Lower Upper

41 100

39 58.1 50.5 75.7

76 36.3 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

300000

250000

200000

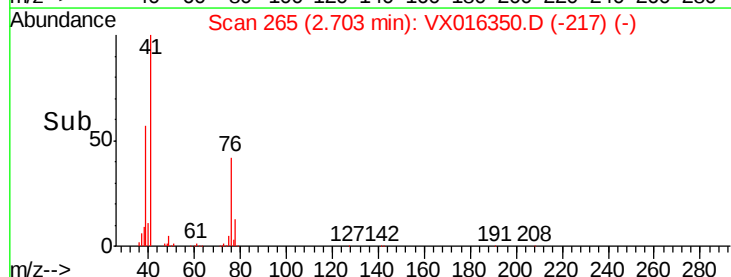
150000

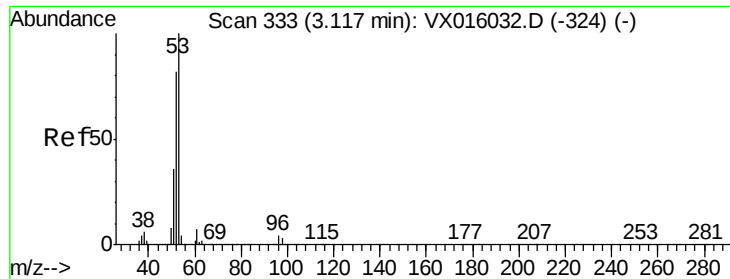
100000

50000

0

Time--> 2.60 2.70 2.80

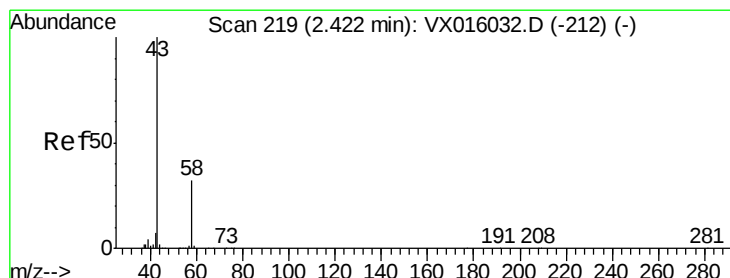
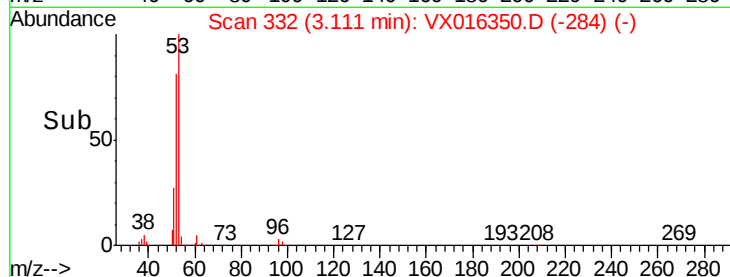
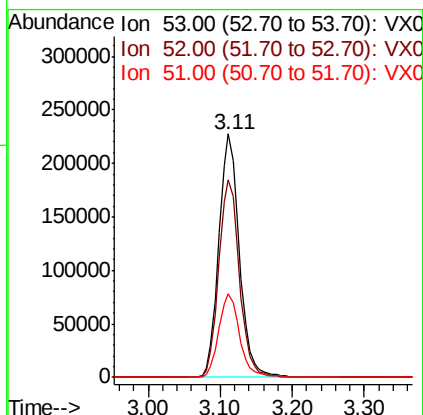
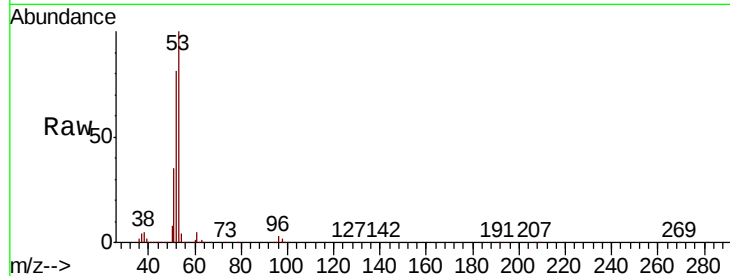




#15
 Acrylonitrile
 Concen: 260.327 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

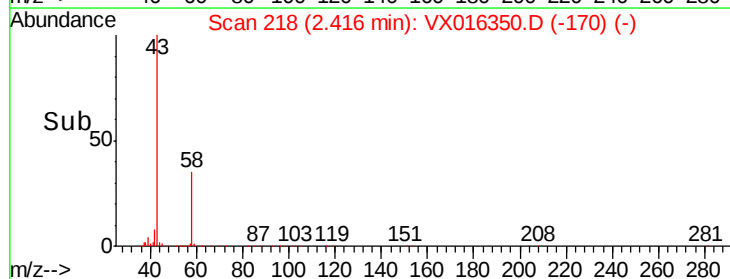
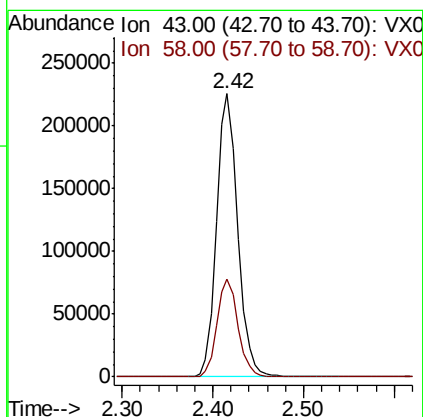
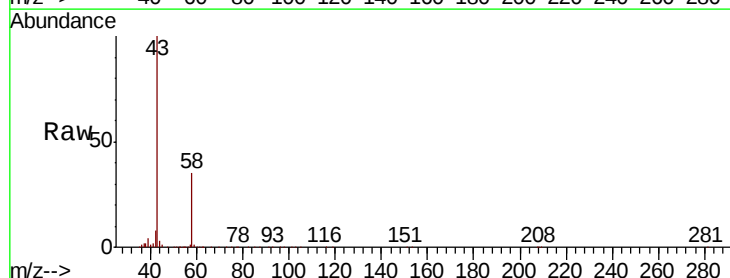
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

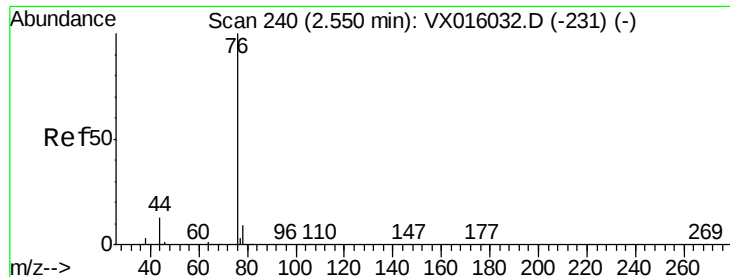
Tot Ion:	53	Resp:	450653
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.1	99.1
51	35.1	28.8	43.2



#16
 Acetone
 Concen: 250.278 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Tgt Ion:	43	Resp:	368509
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.4	38.0





#17

Carbon Disulfide

Concen: 45.407 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

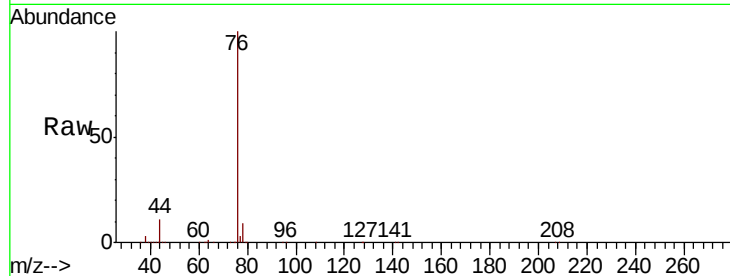
VSTDCCC050

Tot Ion: 76 Resp: 355614

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

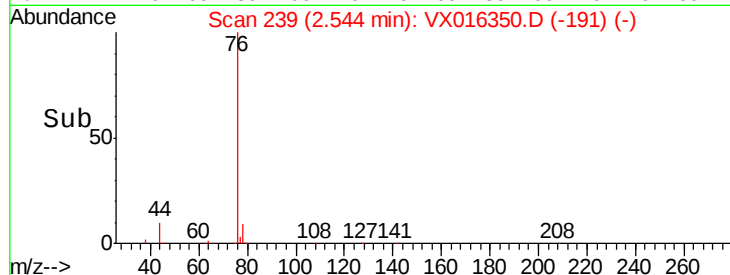
100000

50000

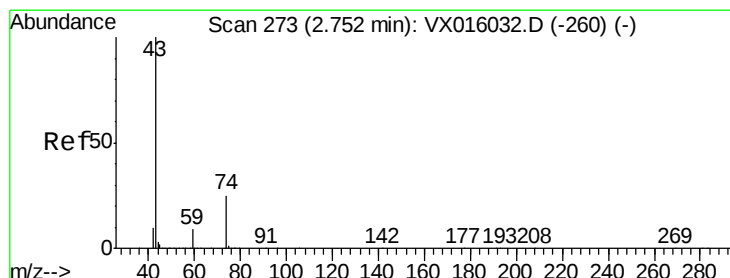
0

2.54

Time-->



Time-->



#18

Methyl Acetate

Concen: 54.010 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016350.D

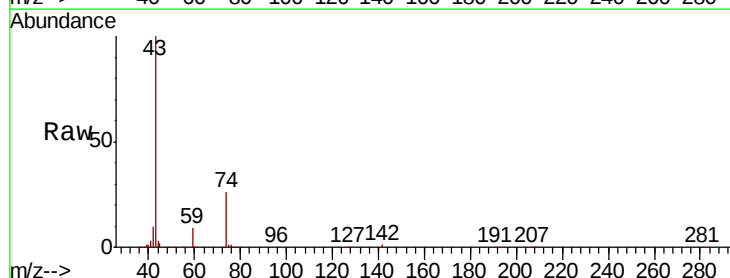
Acq: 20 May 2020 10:48

Tgt Ion: 43 Resp: 195532

Ion Ratio Lower Upper

43 100

74 26.6 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

120000

100000

80000

60000

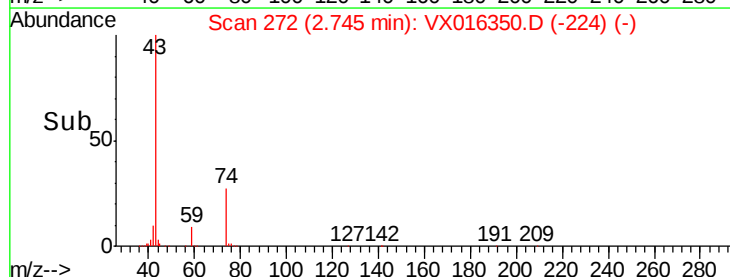
40000

20000

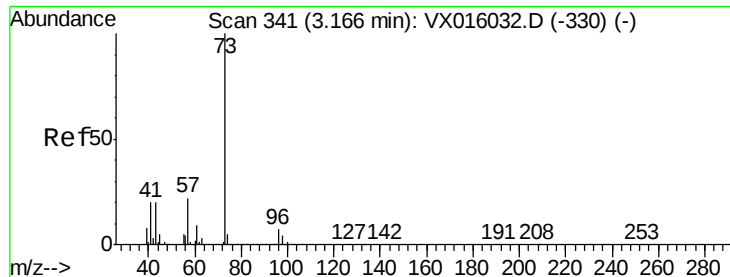
0

2.75

Time-->



Time-->

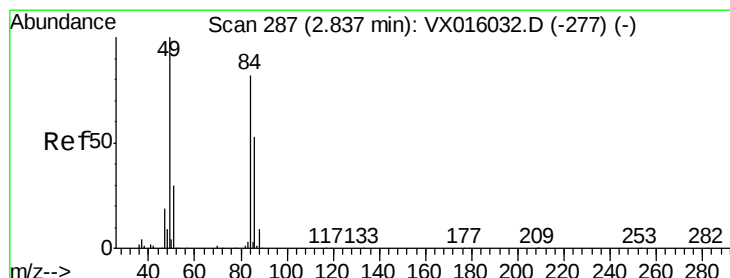
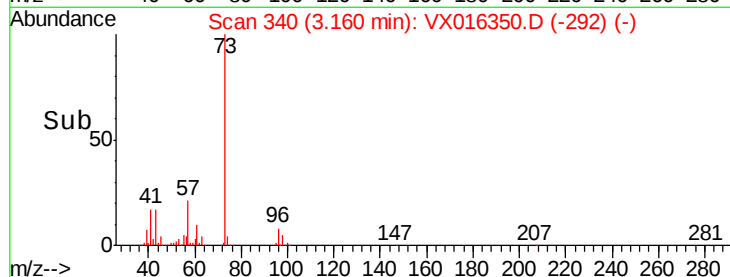
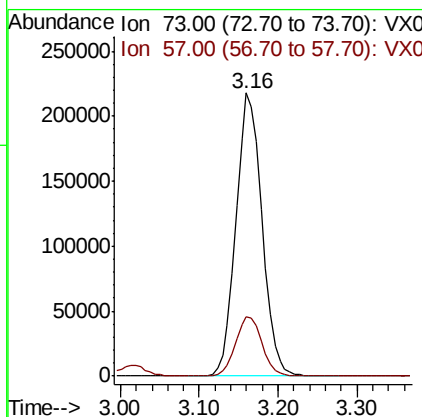
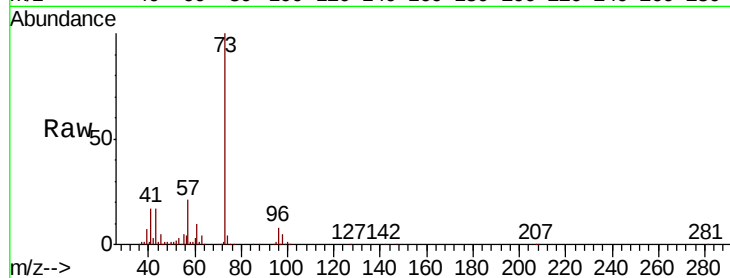


#19

Methyl tert-butyl Ether
 Concen: 55.757 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

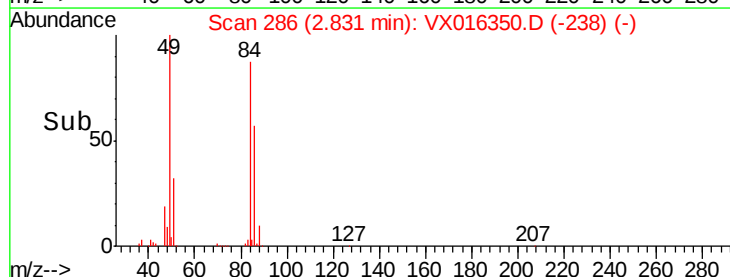
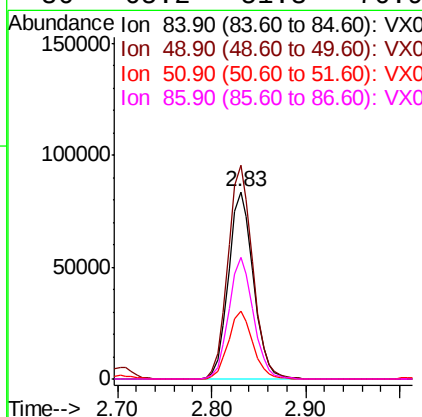
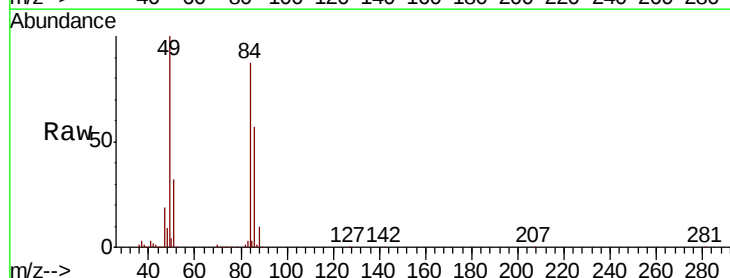
Tot Ion: 73 Resp: 501061
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.8 26.6

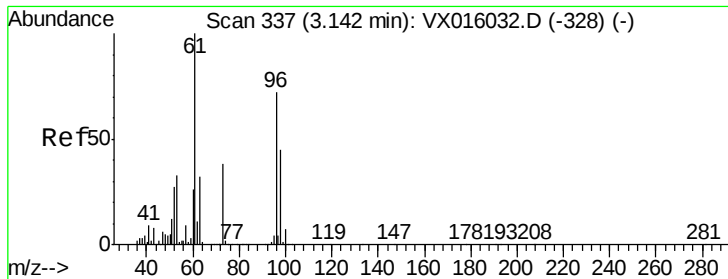


#20

Methylene Chloride
 Concen: 50.582 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Tgt Ion: 84 Resp: 153533
 Ion Ratio Lower Upper
 84 100
 49 114.3 97.3 145.9
 51 36.5 29.3 43.9
 86 65.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 50.566 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

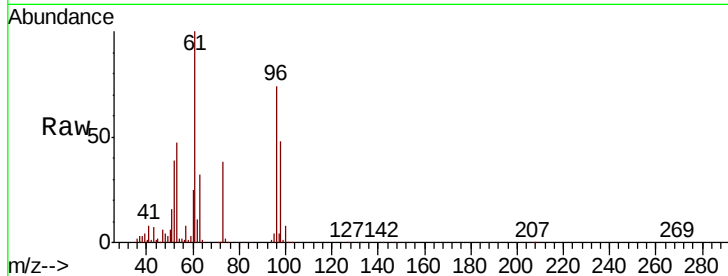
Tot Ion: 96 Resp: 146892

Ion Ratio Lower Upper

96 100

61 135.7 111.2 166.8

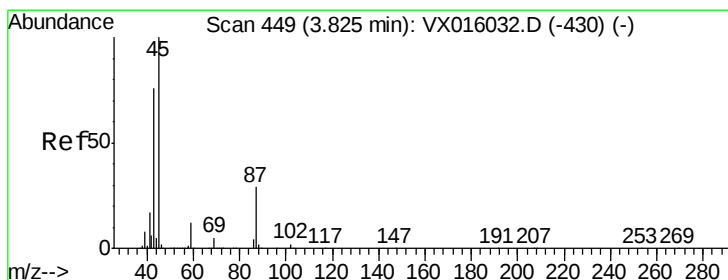
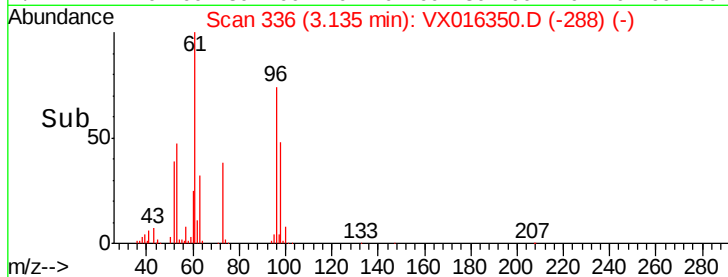
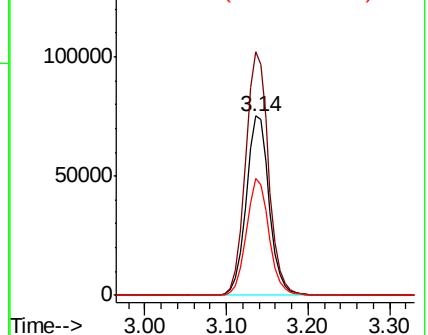
98 65.4 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.612 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Tgt Ion: 45 Resp: 465395

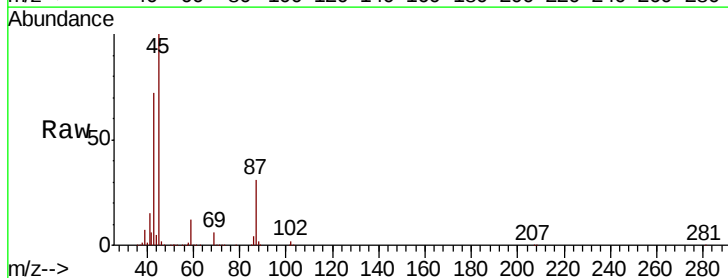
Ion Ratio Lower Upper

45 100

43 71.4 61.1 91.7

87 30.5 23.0 34.6

59 12.5 9.8 14.6

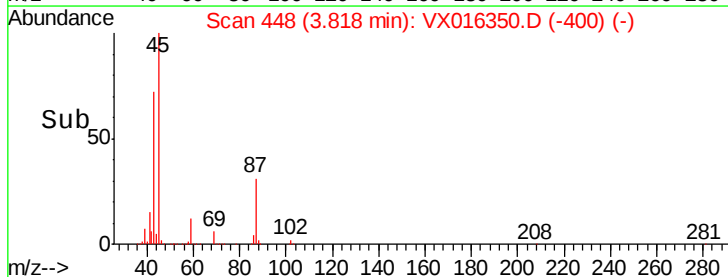
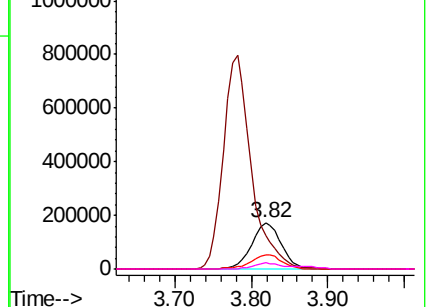


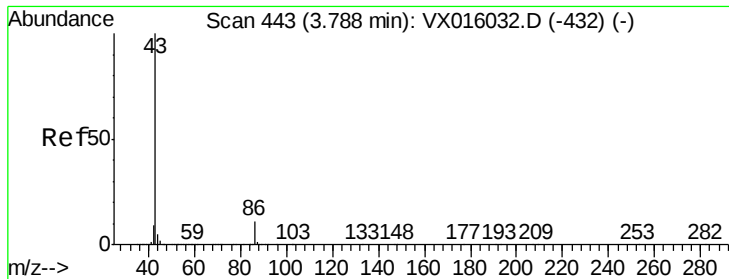
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 255.401 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

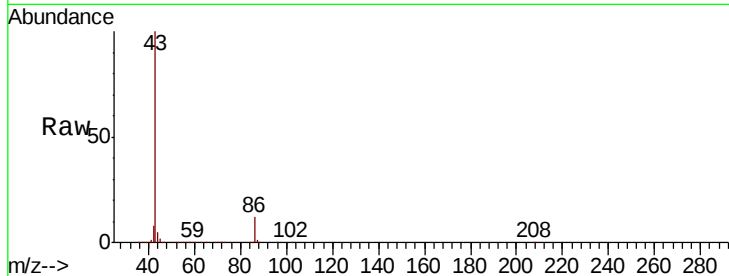
VSTDCCC050

Tot Ion: 43 Resp: 2026161

Ion Ratio Lower Upper

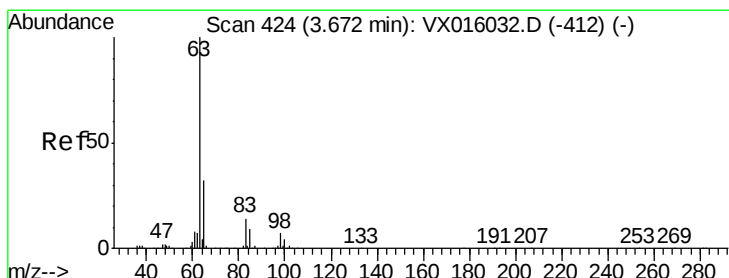
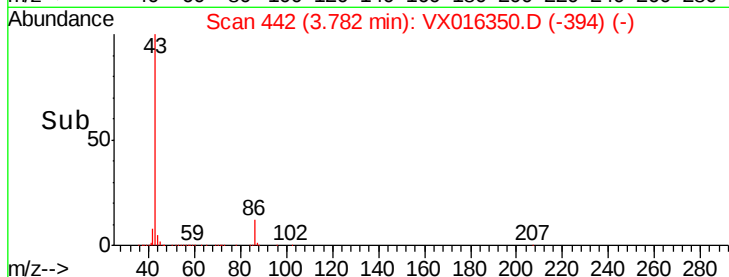
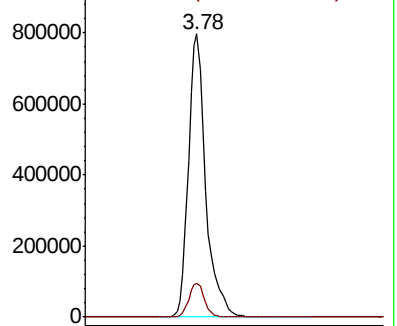
43 100

86 12.1 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.323 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

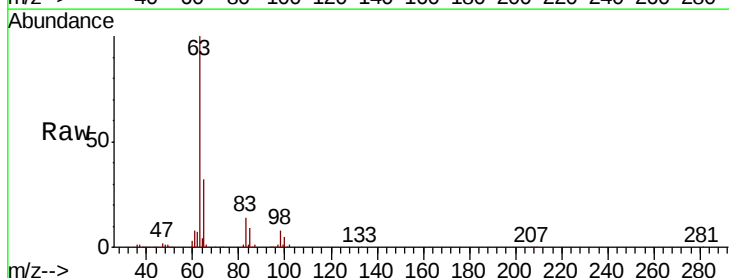
Tgt Ion: 63 Resp: 268975

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

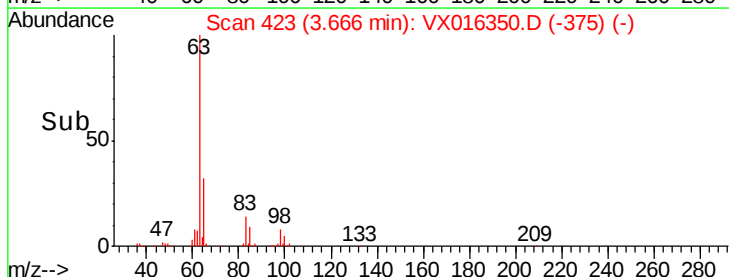
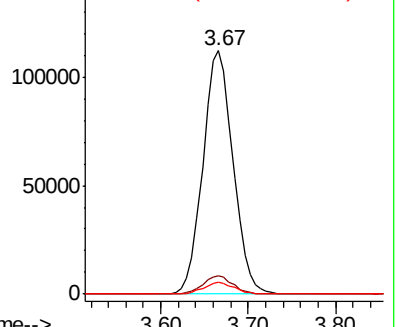
100 4.8 2.1 6.5

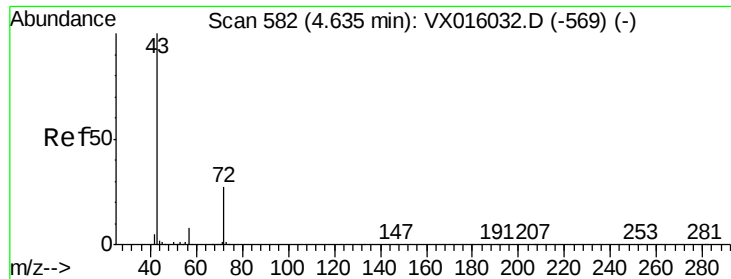


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 251.660 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

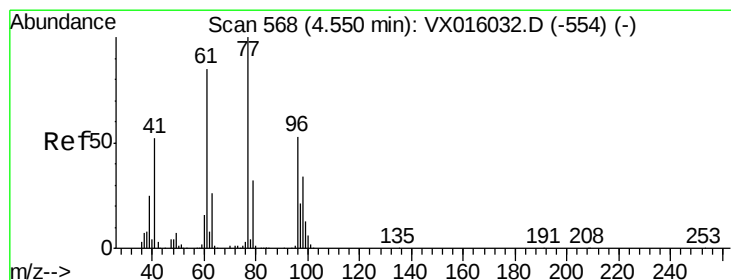
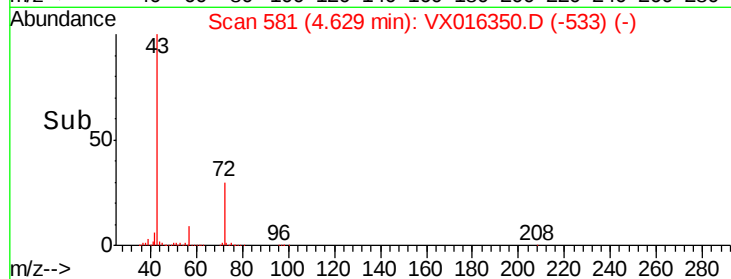
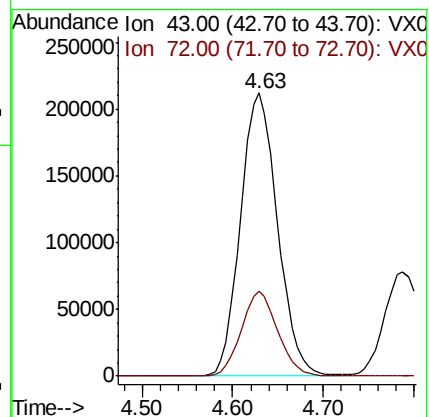
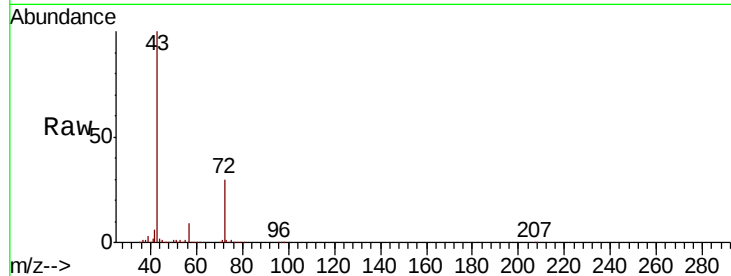
VSTDCCC050

Tot Ion: 43 Resp: 597095

Ion Ratio Lower Upper

43 100

72 29.7 21.8 32.8



#26

2,2-Dichloropropane

Concen: 53.960 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016350.D

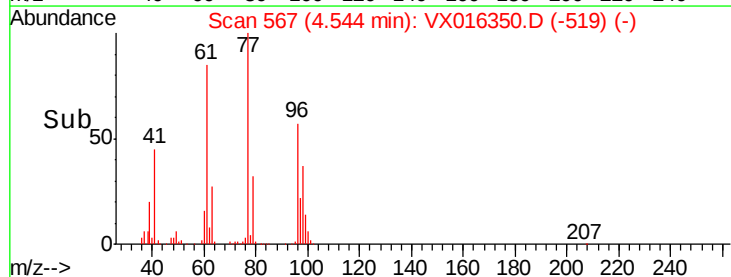
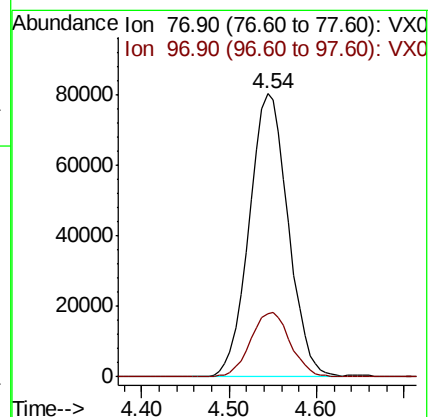
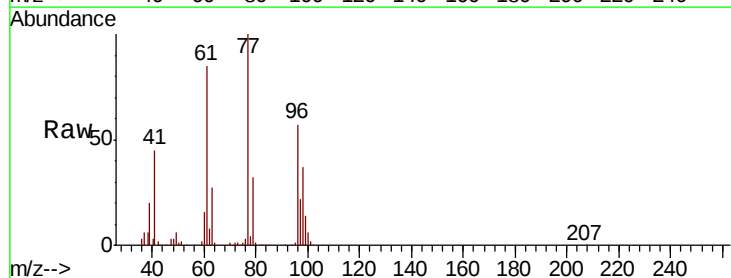
Acq: 20 May 2020 10:48

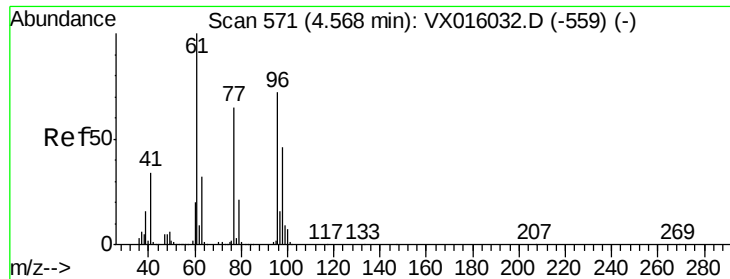
Tgt Ion: 77 Resp: 248576

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6



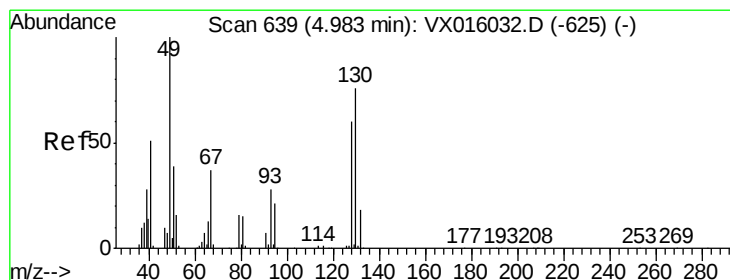
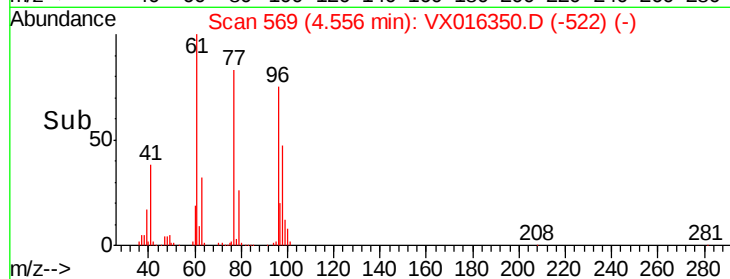
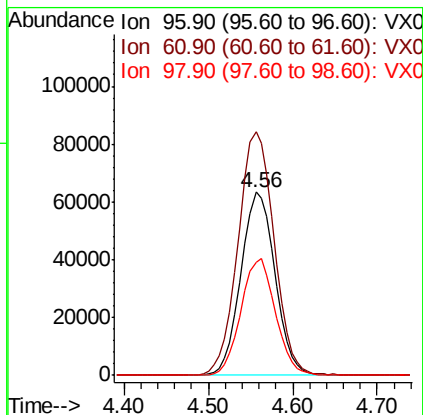
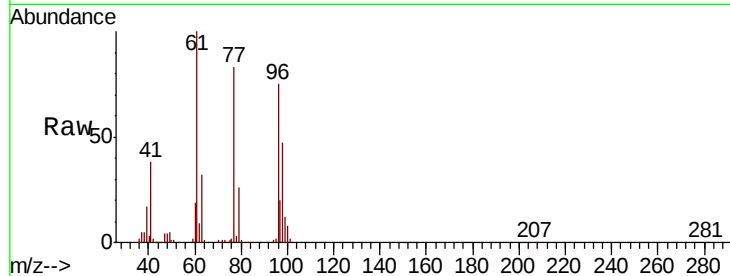


#27

cis-1,2-Dichloroethene
 Concen: 55.083 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

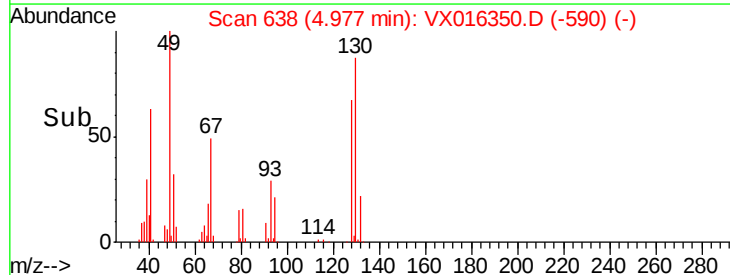
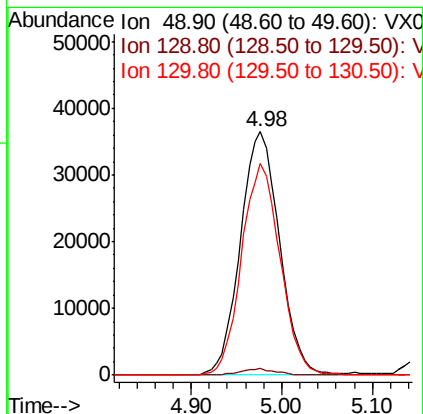
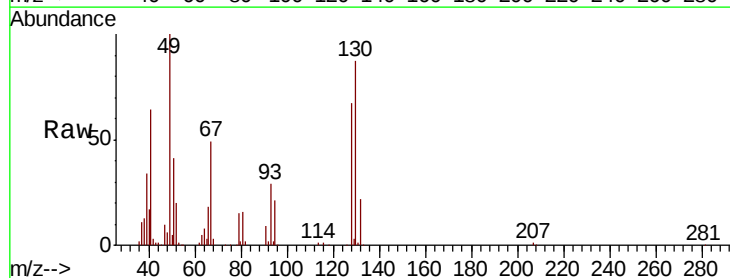
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	296.2
98	64.1	0.0	129.4

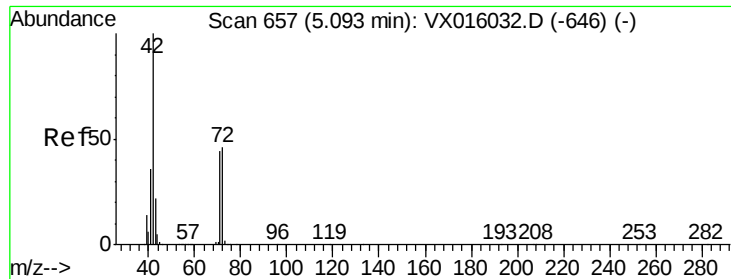


#28

Bromochloromethane
 Concen: 47.385 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	85.4	62.4	93.6





#29

Tetrahydrofuran

Concen: 250.587 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

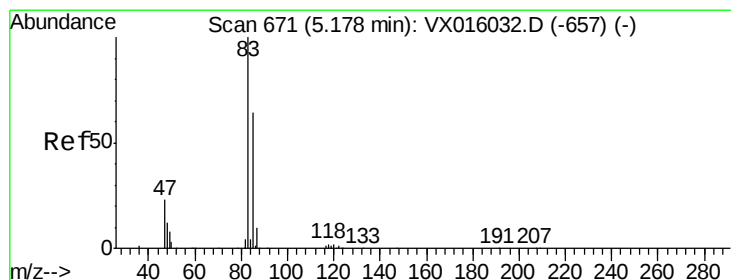
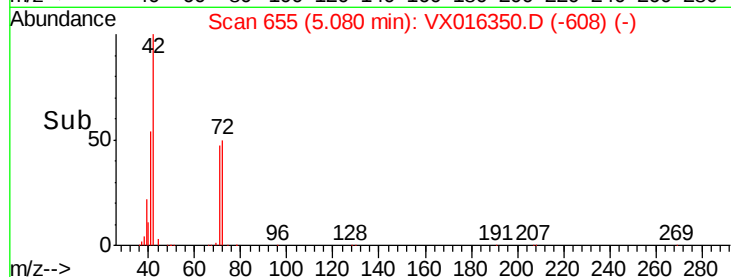
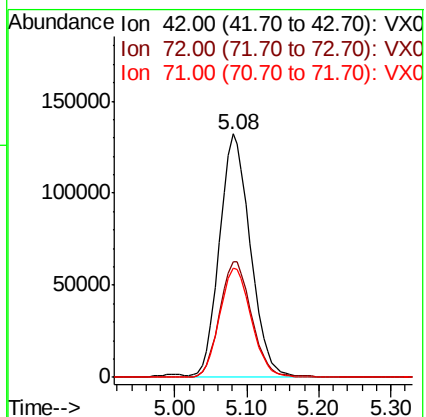
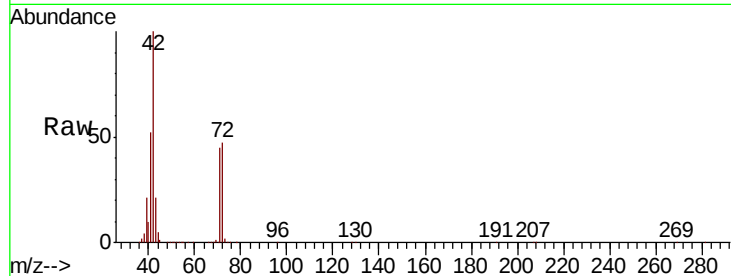
Tot Ion: 42 Resp: 393950

Ion Ratio Lower Upper

42 100

72 49.3 37.1 55.7

71 46.0 34.5 51.7



#30

Chloroform

Concen: 54.954 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016350.D

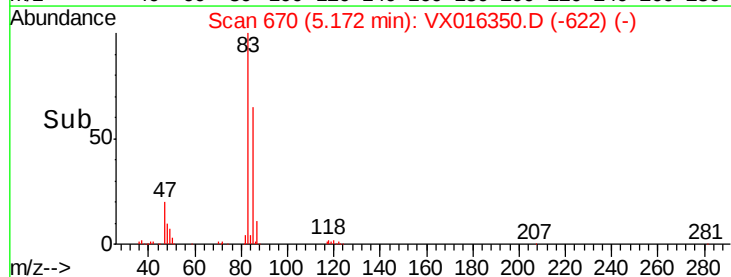
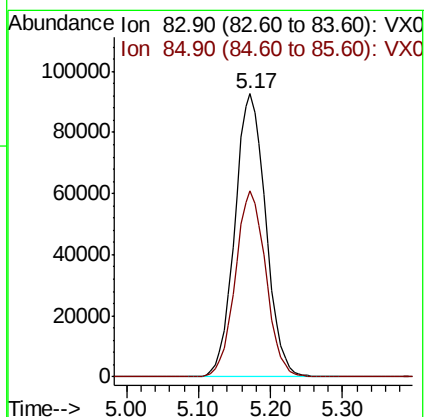
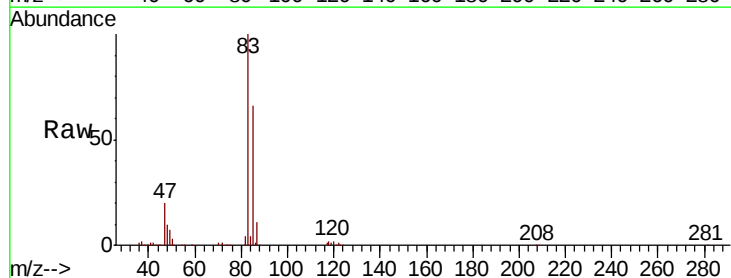
Acq: 20 May 2020 10:48

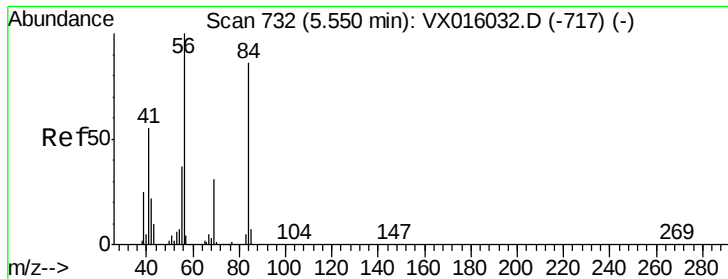
Tgt Ion: 83 Resp: 275997

Ion Ratio Lower Upper

83 100

85 65.9 51.6 77.4

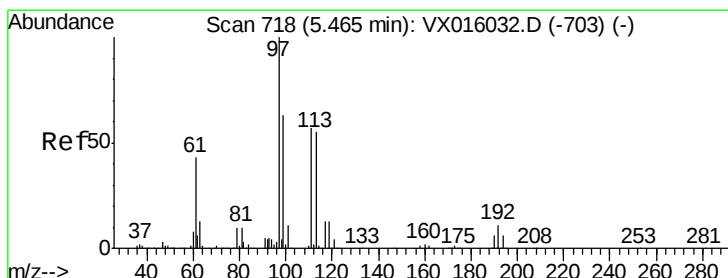
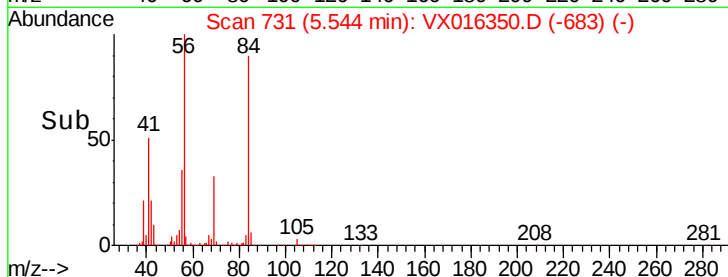
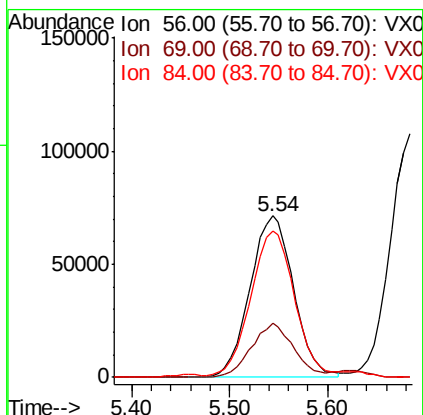
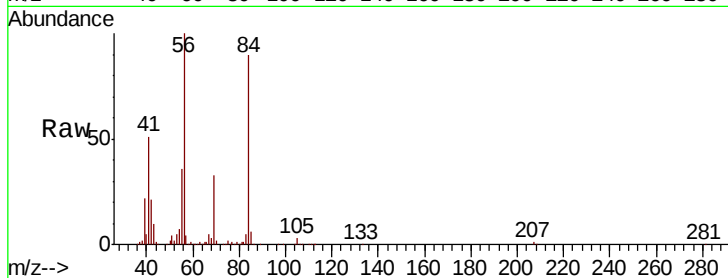




#31
Cvclohexane
Concen: 48.233 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

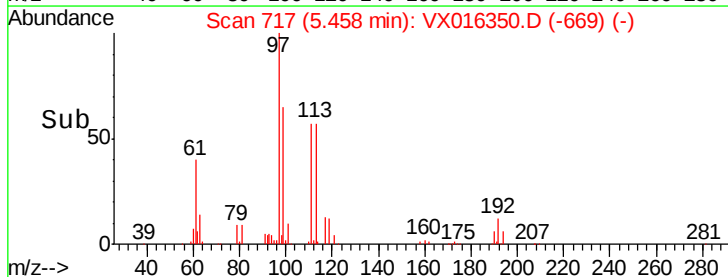
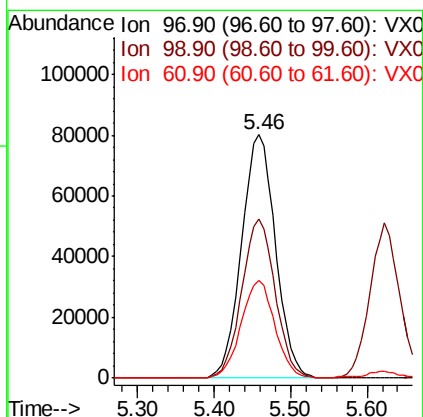
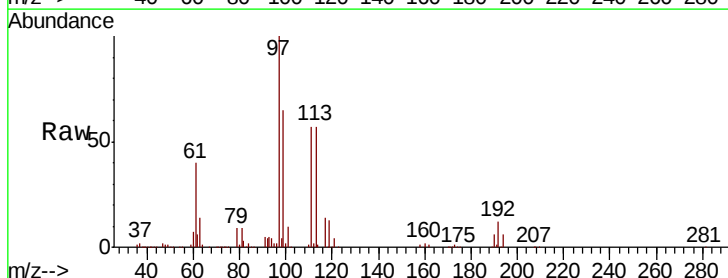
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

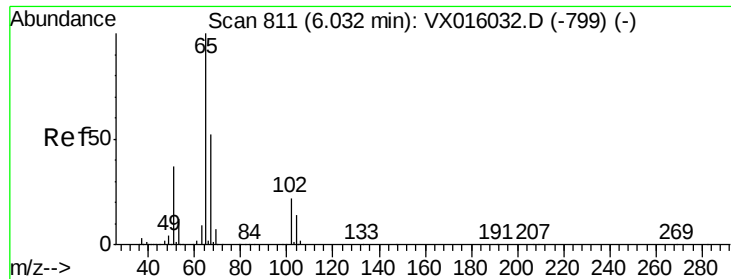
Tot Ion: 56 Resp: 221113
Ion Ratio Lower Upper
56 100
69 33.3 25.0 37.6
84 88.6 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 54.073 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion: 97 Resp: 246855
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 40.0 34.5 51.7

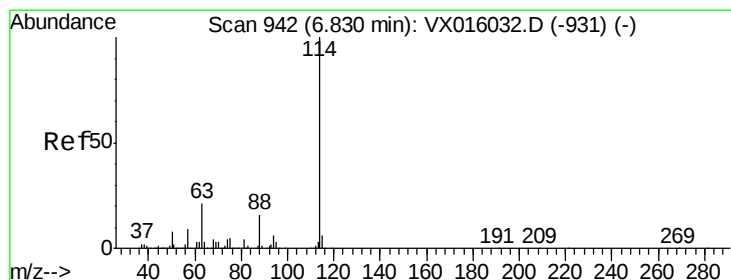
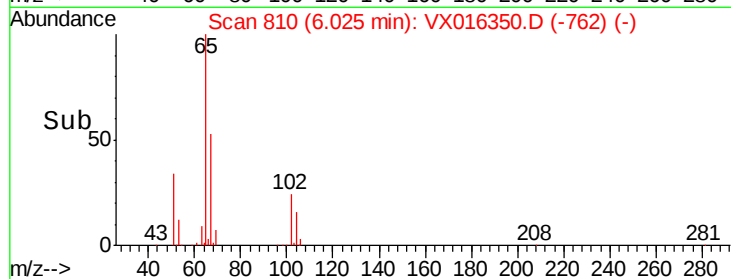
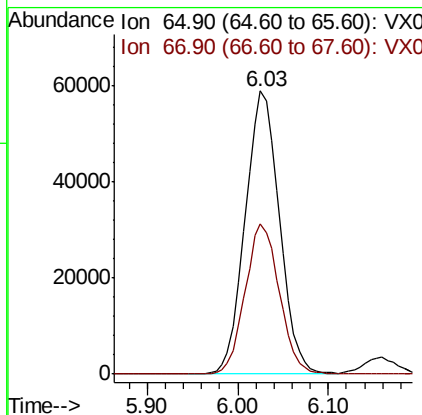
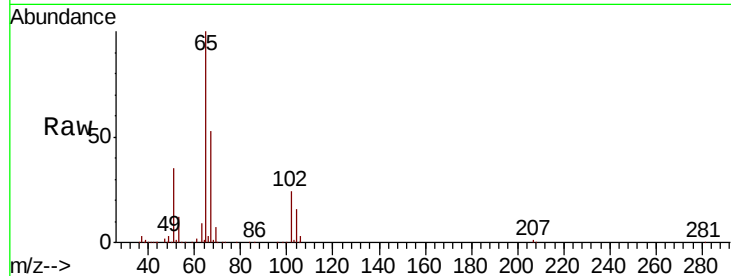




#33
 1,2-Dichloroethane-d4
 Concen: 46.739 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

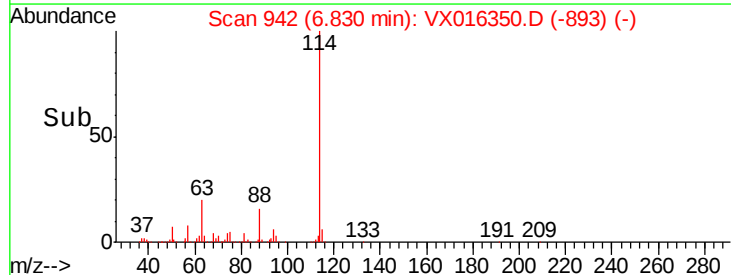
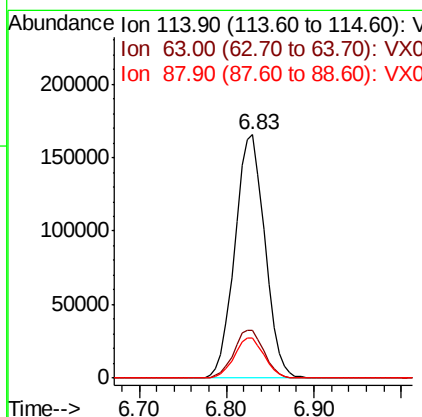
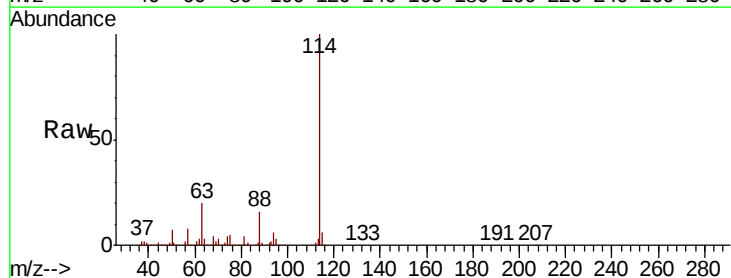
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

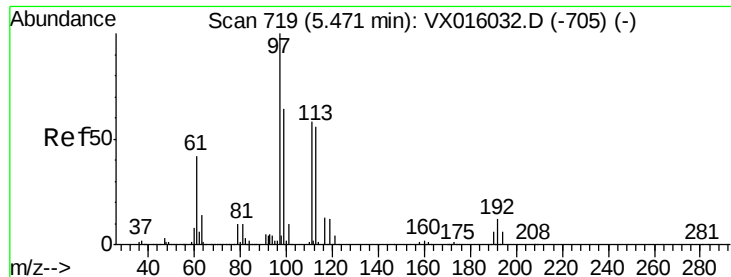
Tot Ion: 65 Resp: 154234
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Tgt Ion: 114 Resp: 395719
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.8
 88 16.4 0.0 31.4

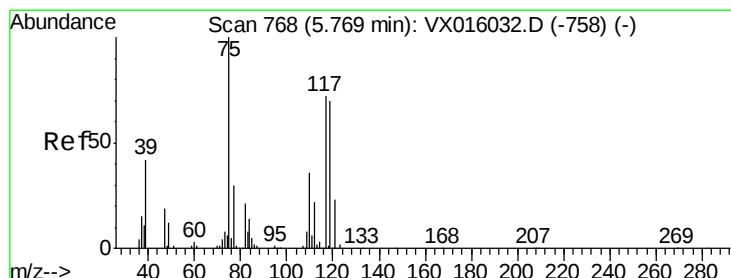
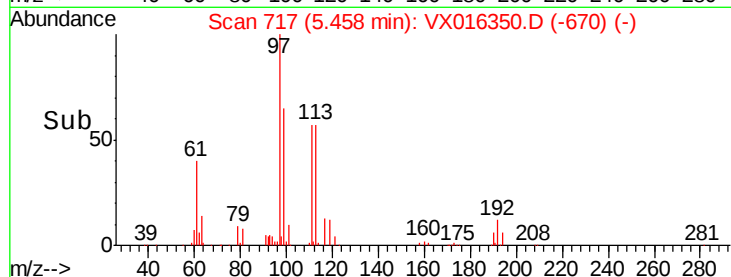
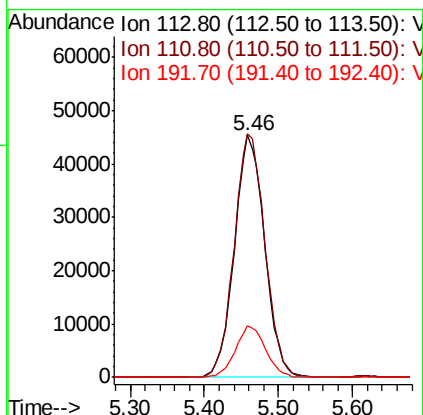
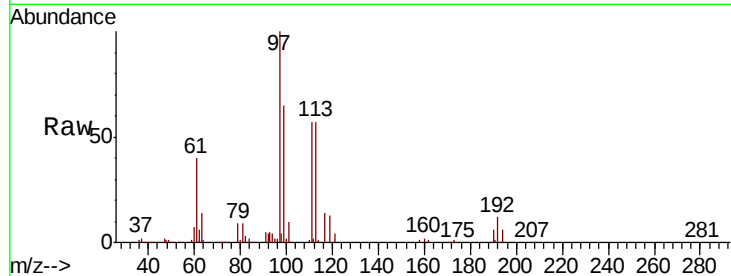




#35
 Dibromofluoromethane
 Concen: 51.531 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

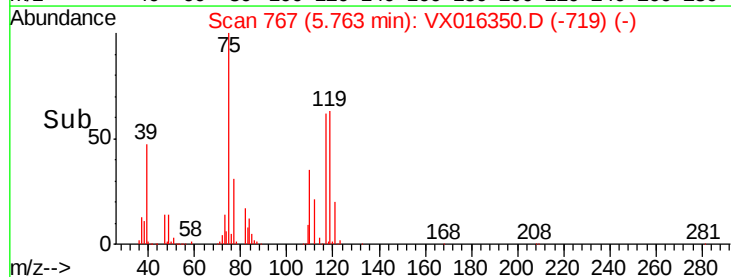
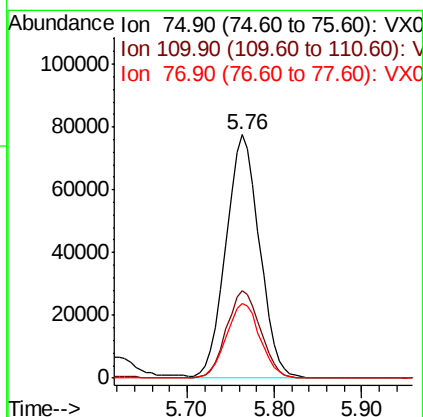
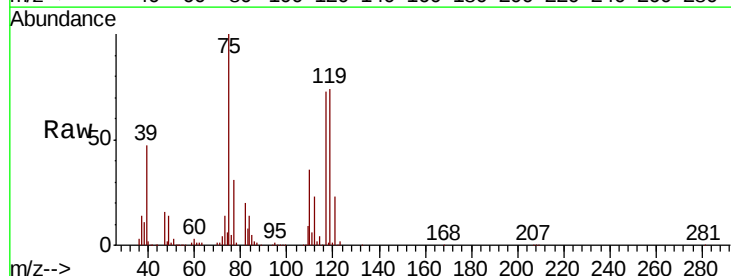
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

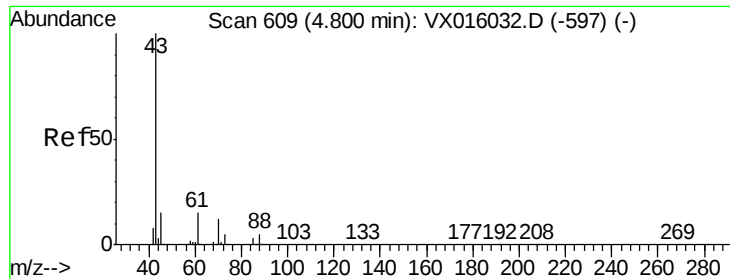
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.6	122.4
192	21.1	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 53.091 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.1	54.1
77	30.9	25.0	37.6

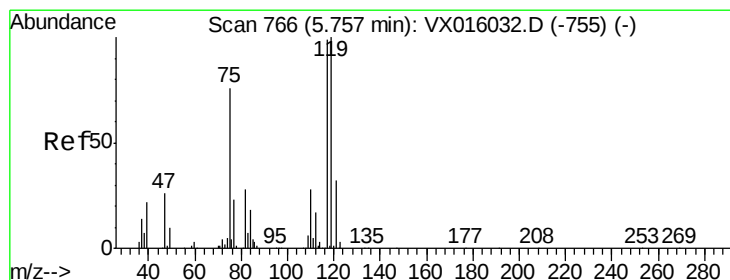
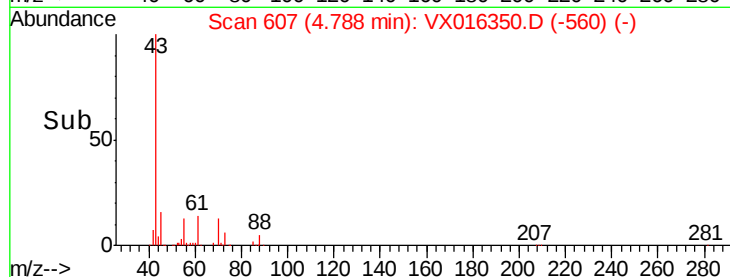
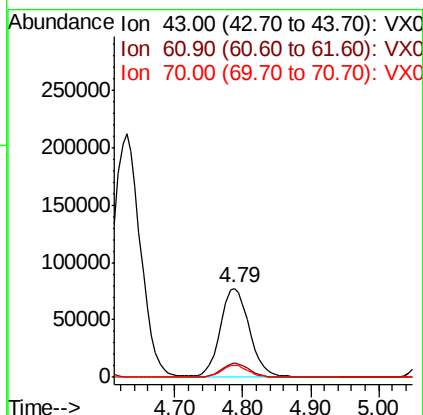
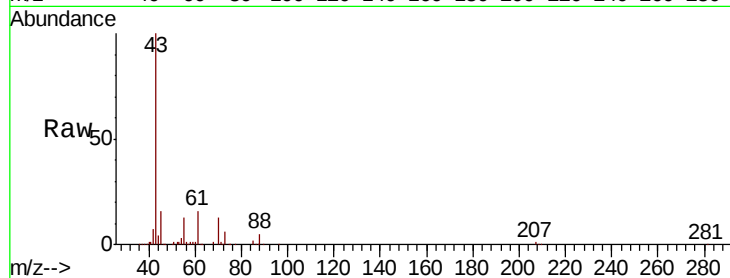




#37
Ethyl Acetate
Concen: 50.917 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

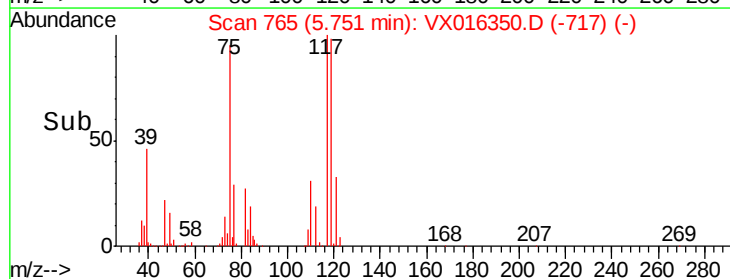
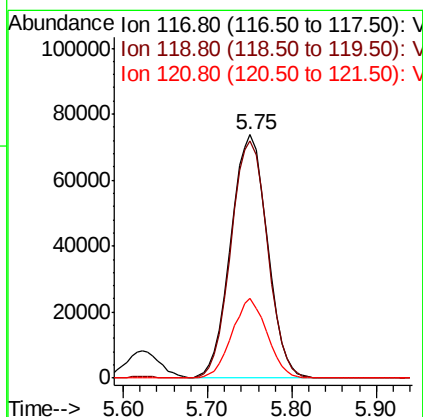
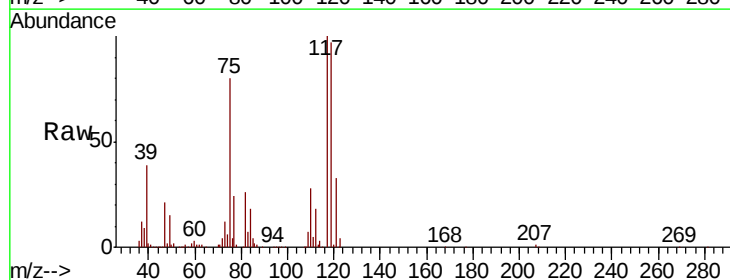
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

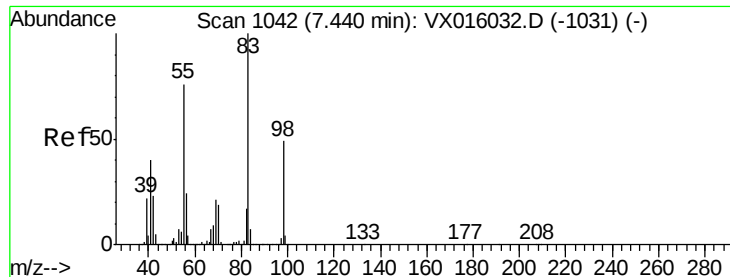
Tot Ion: 43 Resp: 229880
Ion Ratio Lower Upper
43 100
61 15.4 11.7 17.5
70 12.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 54.904 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion: 117 Resp: 217380
Ion Ratio Lower Upper
117 100
119 97.2 80.3 120.5
121 32.6 25.7 38.5

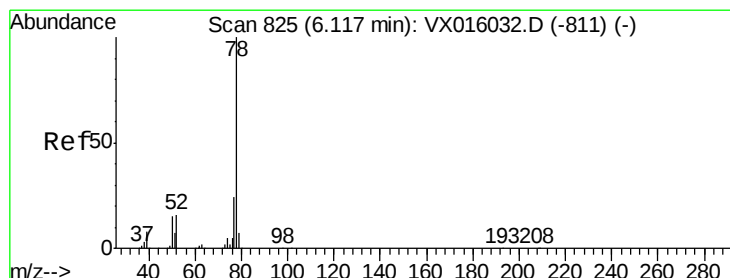
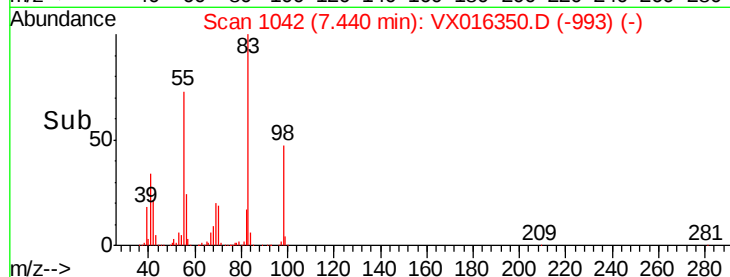
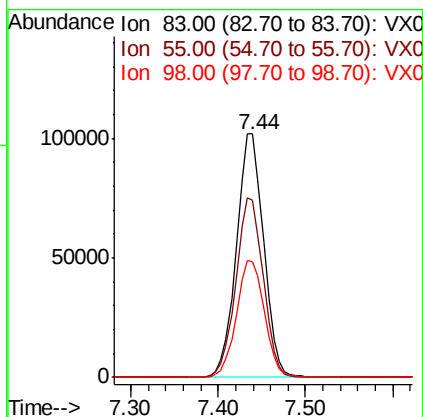
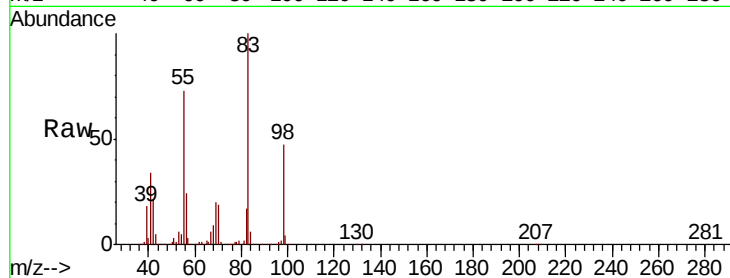




#39
Methvlcvclohexane
Concen: 47.090 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

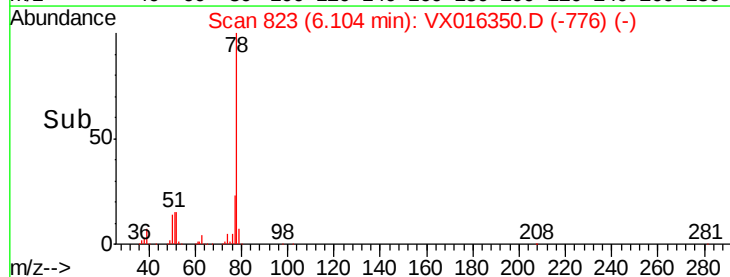
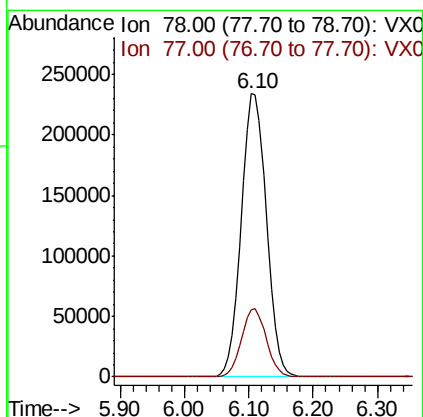
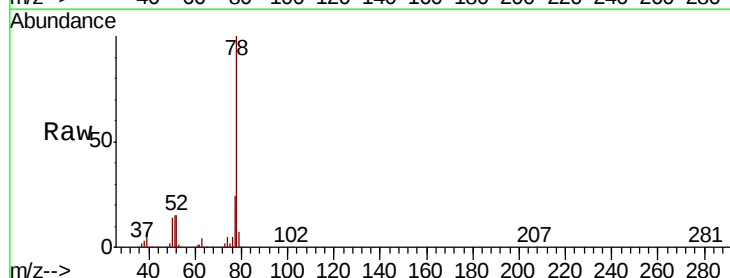
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

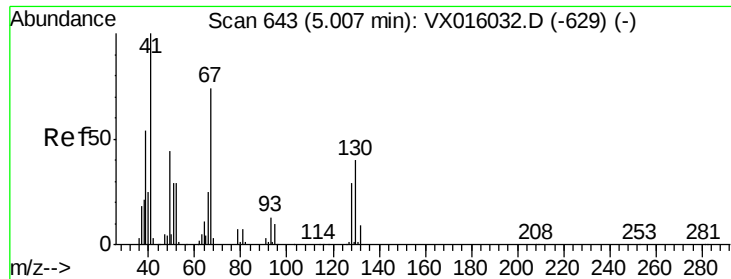
Tot Ion: 83 Resp: 220899
Ion Ratio Lower Upper
83 100
55 72.7 61.1 91.7
98 47.4 39.0 58.4



#40
Benzene
Concen: 55.032 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion: 78 Resp: 627221
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

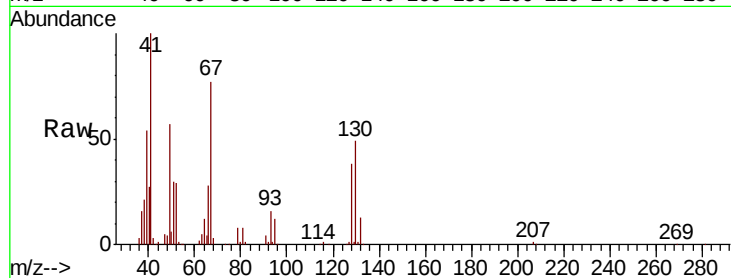




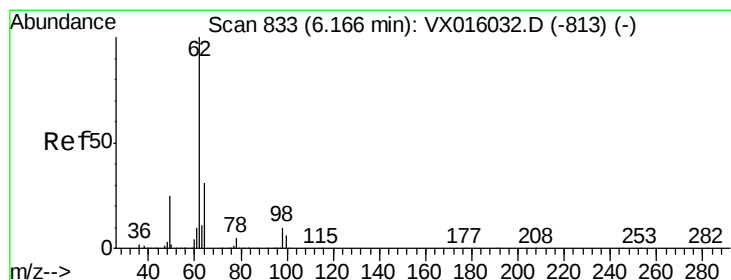
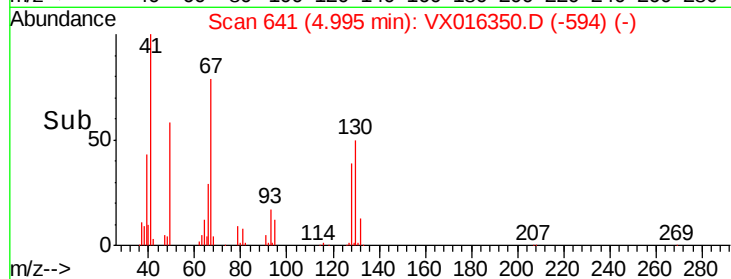
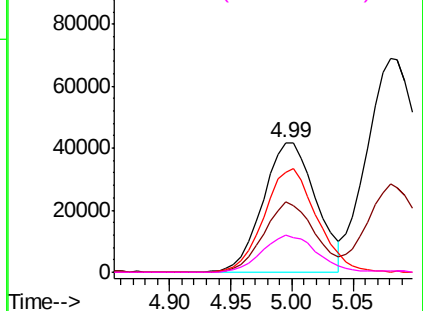
#41
Methacrylonitrile
Concen: 51.718 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	126099
Ion	Ratio	Lower	Upper
41	100		
39	52.2	43.2	64.8
67	79.7	59.3	88.9
52	29.8	23.5	35.3

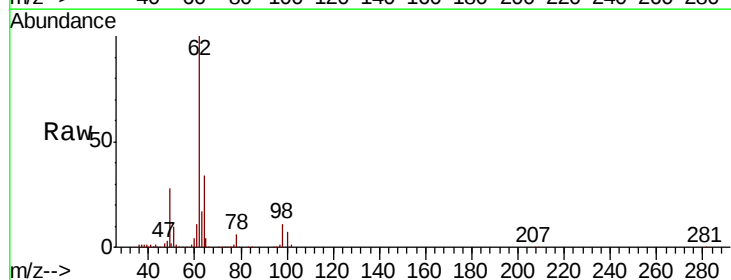


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

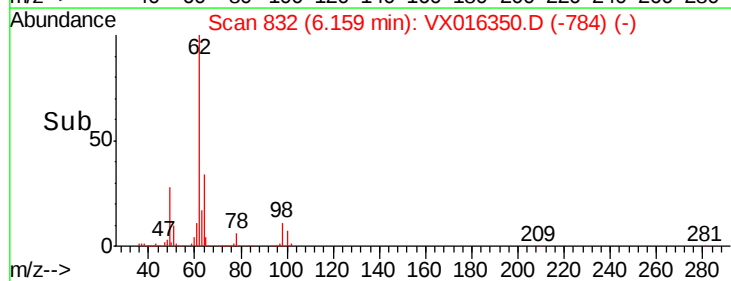
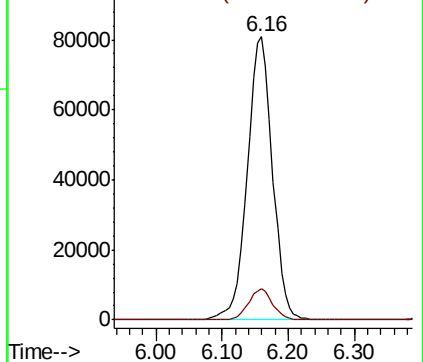


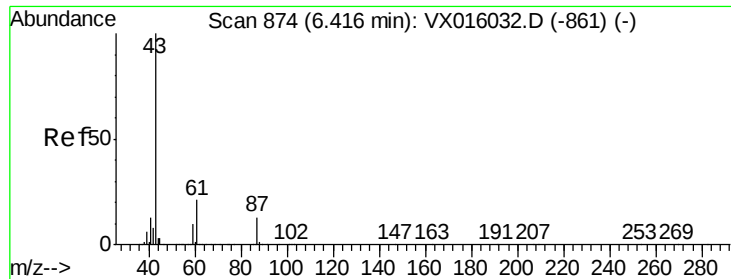
#42
1,2-Dichloroethane
Concen: 52.208 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion:	62	Resp:	214353
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.4



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



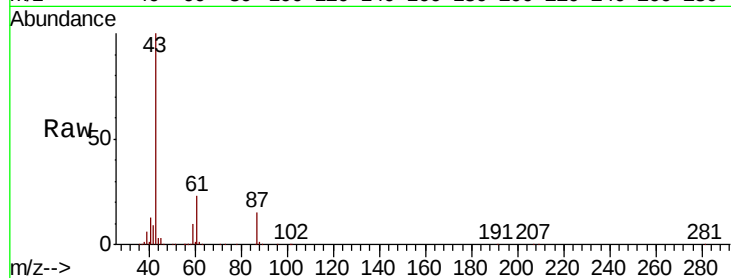


#43

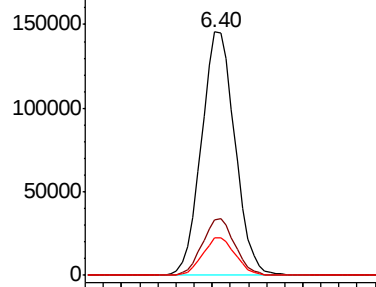
Isopropyl Acetate
 Concen: 51.611 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

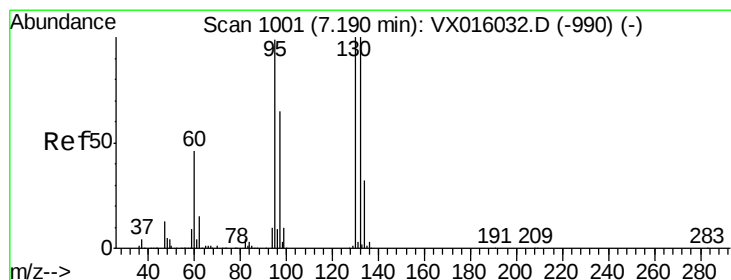
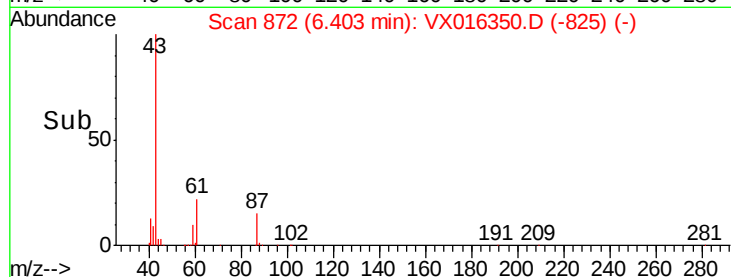
Tot Ion	43	Resp	371778
Ion Ratio	Lower	Upper	
43	100		
61	22.8	17.0	25.4
87	15.2	11.0	16.6



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



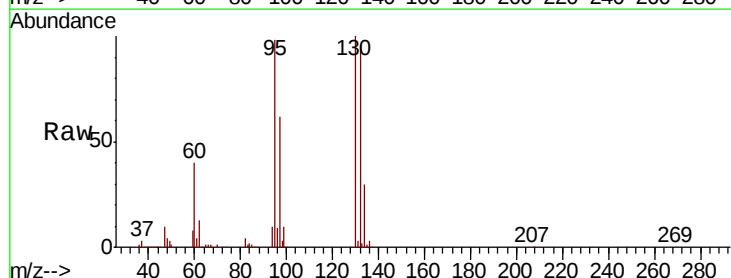
Time-->



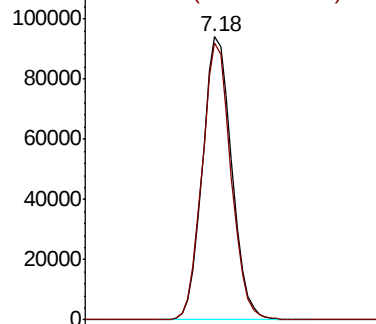
#44

Trichloroethene
 Concen: 52.017 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

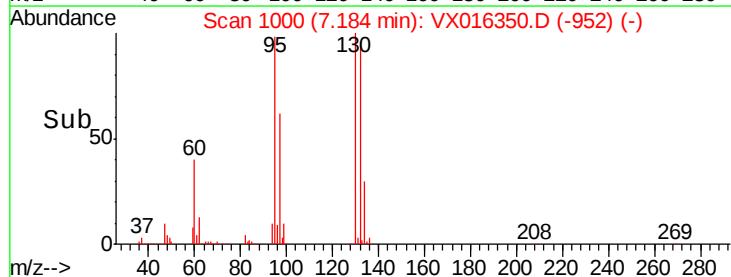
Tgt Ion	130	Resp	210623
Ion Ratio	Lower	Upper	
130	100		
95	98.0	0.0	197.4

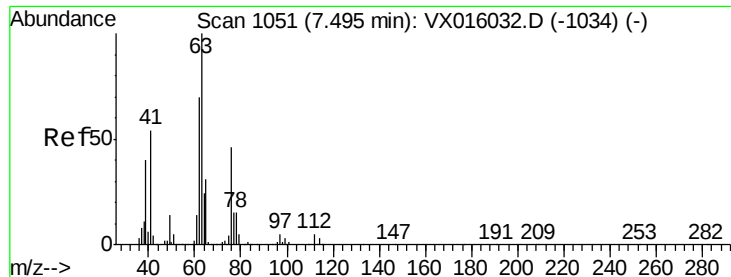


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 56.485 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

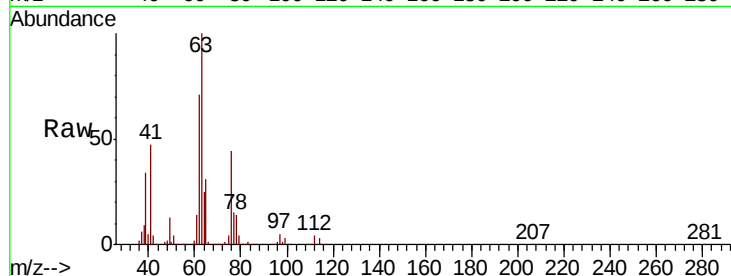
VSTDCCC050

Tot Ion: 63 Resp: 162899

Ion Ratio Lower Upper

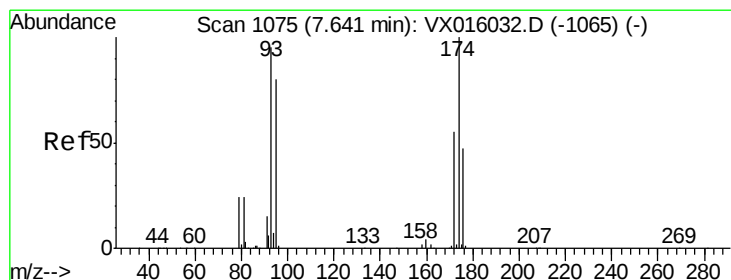
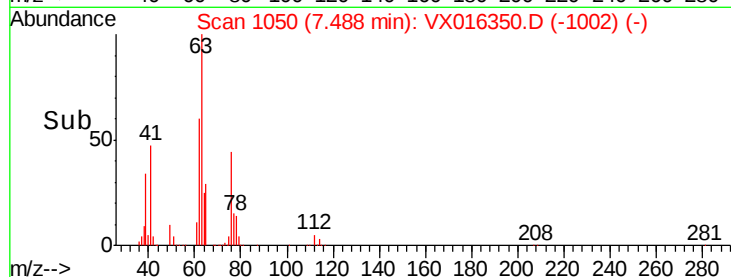
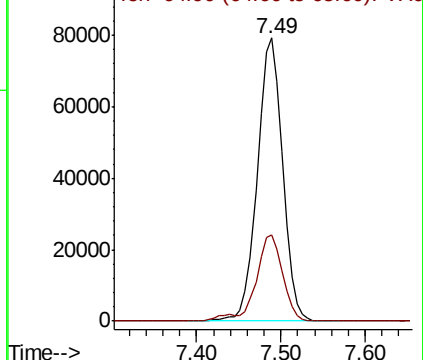
63 100

65 30.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 54.689 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

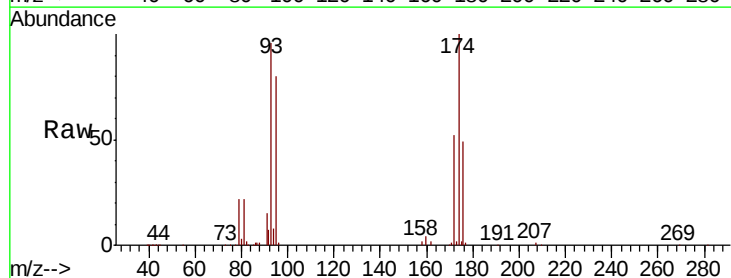
Tgt Ion: 93 Resp: 107183

Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

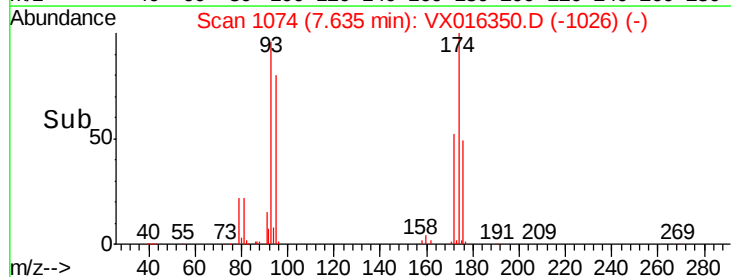
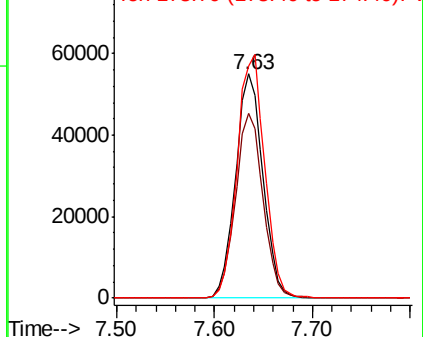
174 109.4 84.2 126.4

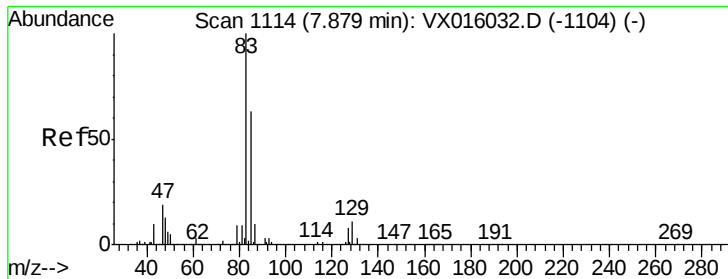


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 57.053 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

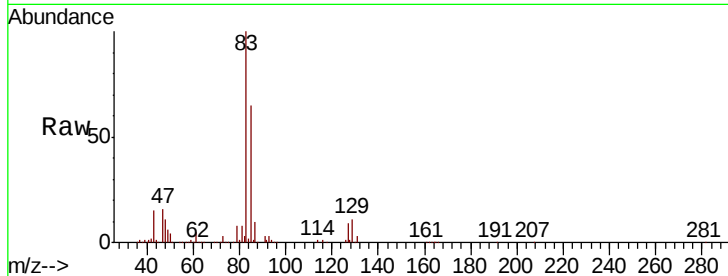
Tot Ion: 83 Resp: 227730

Ion Ratio Lower Upper

83 100

85 64.8 50.5 75.7

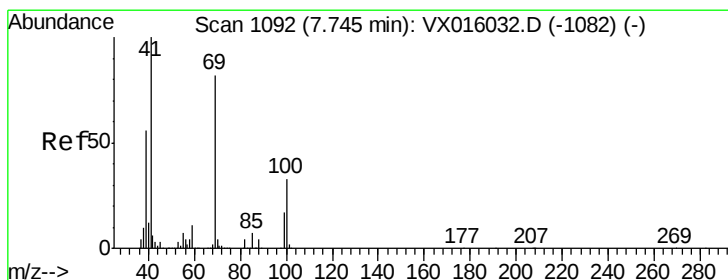
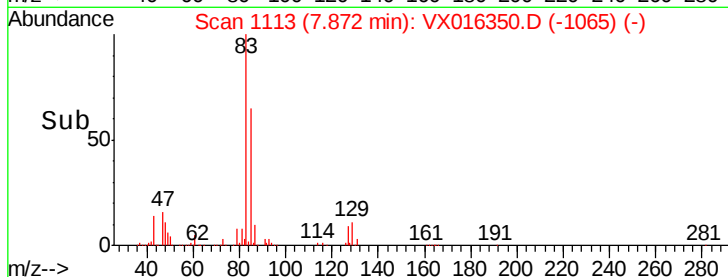
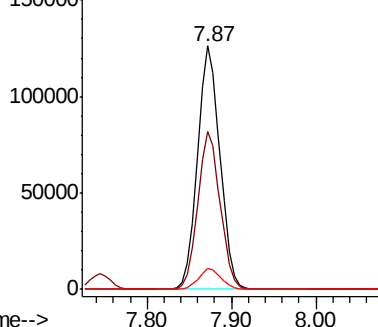
127 8.7 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.658 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

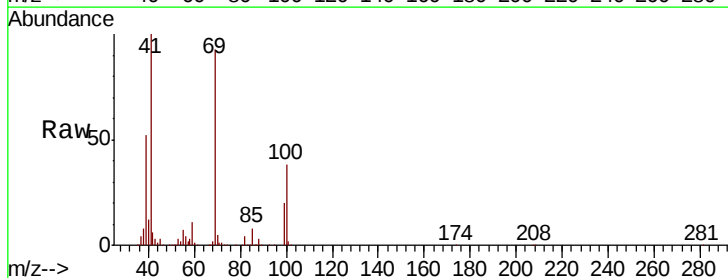
Tgt Ion: 41 Resp: 176325

Ion Ratio Lower Upper

41 100

69 93.0 67.8 101.6

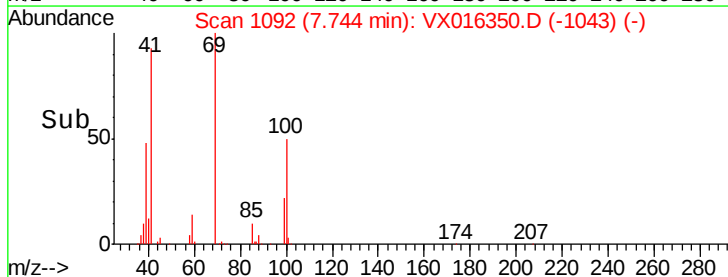
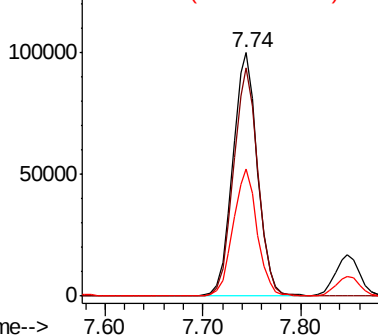
39 51.3 44.6 67.0

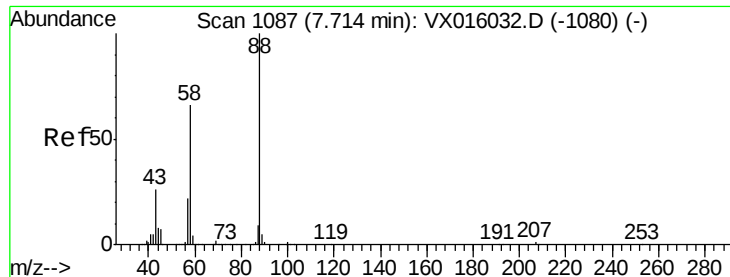


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1020.360 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

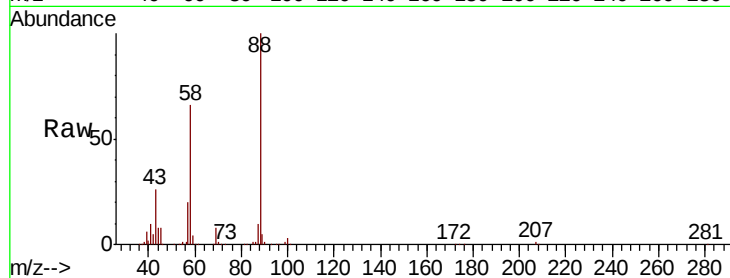
Tot Ion: 88 Resp: 83530

Ion Ratio Lower Upper

88 100

43 28.6 25.3 37.9

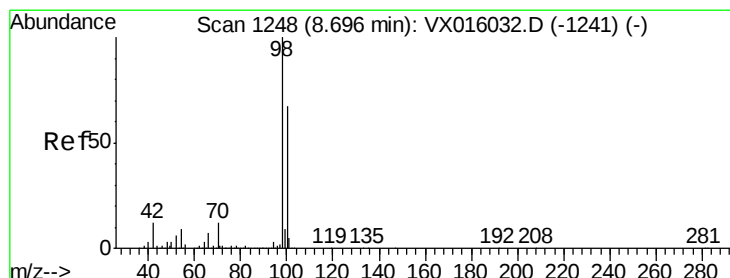
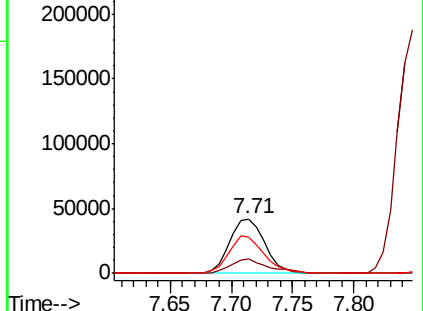
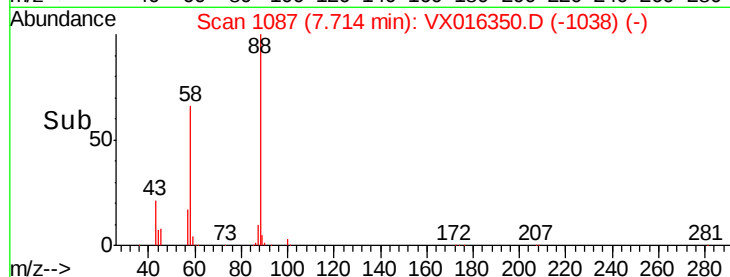
58 68.8 55.9 83.9



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: 51.286 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016350.D

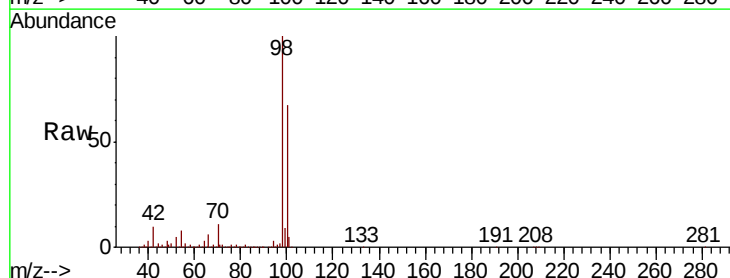
Acq: 20 May 2020 10:48

Tgt Ion: 98 Resp: 495413

Ion Ratio Lower Upper

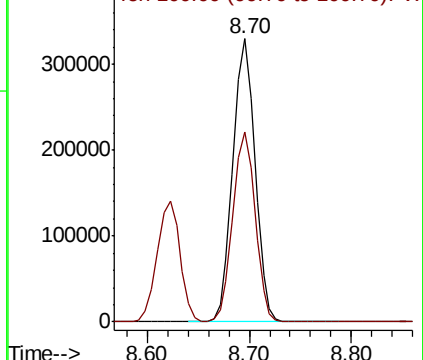
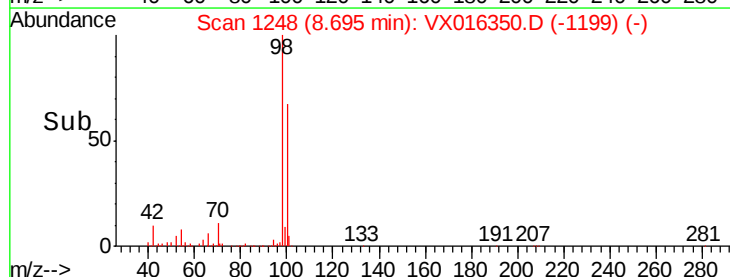
98 100

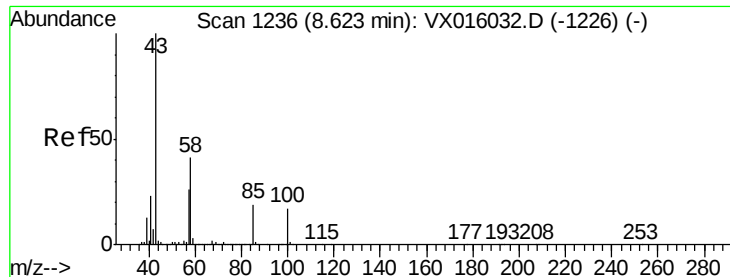
100 67.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 265.472 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

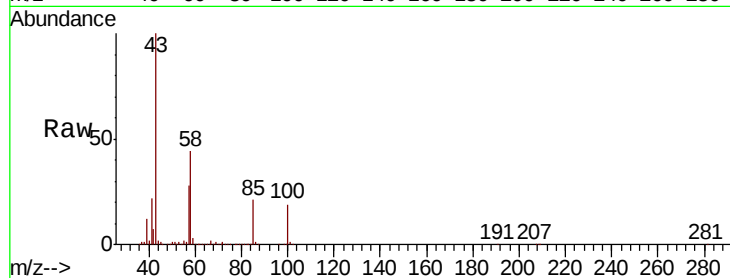
VSTDCCC050

Tot Ion: 43 Resp: 1170225

Ion Ratio Lower Upper

43 100

58 43.6 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

800000

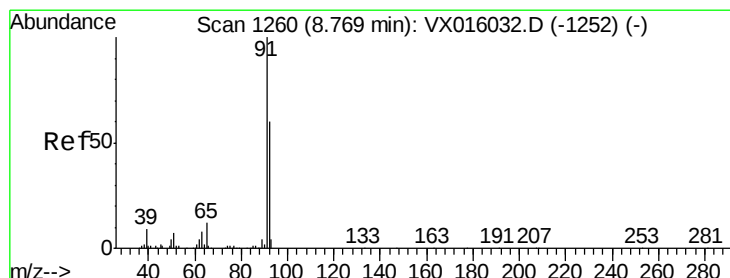
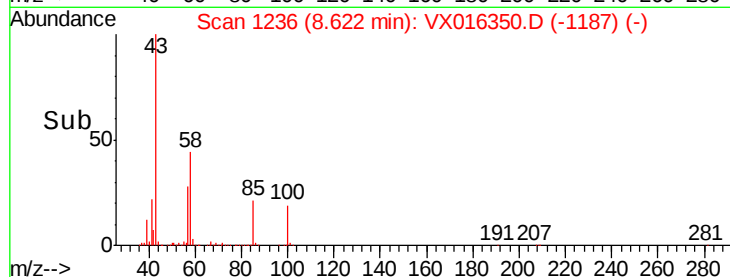
600000

400000

200000

0

Time--> 8.50 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 57.143 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016350.D

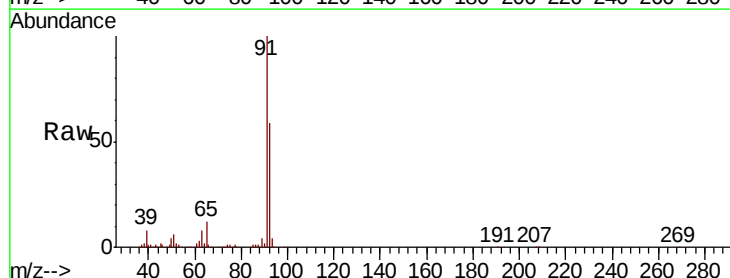
Acq: 20 May 2020 10:48

Tgt Ion: 92 Resp: 405954

Ion Ratio Lower Upper

92 100

91 166.4 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

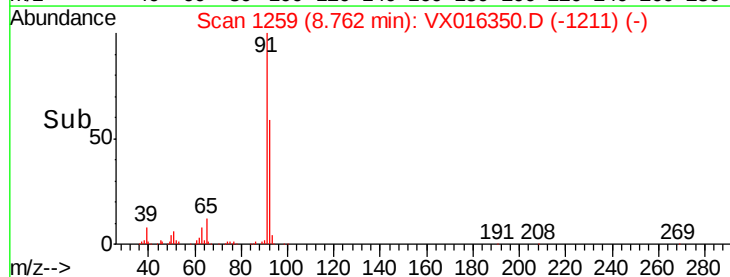
300000

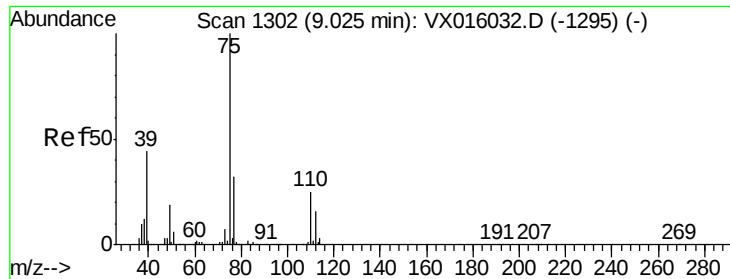
200000

100000

0

Time--> 8.65 8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 55.310 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

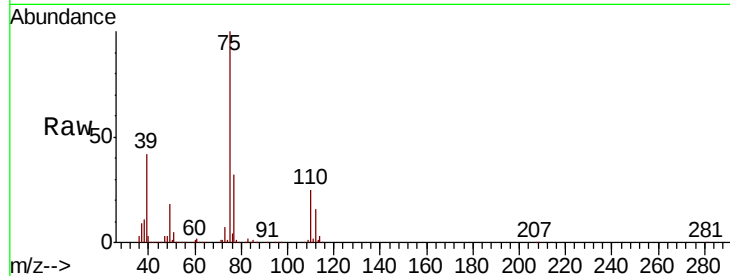
VSTDCCC050

Tot Ion: 75 Resp: 263225

Ion Ratio Lower Upper

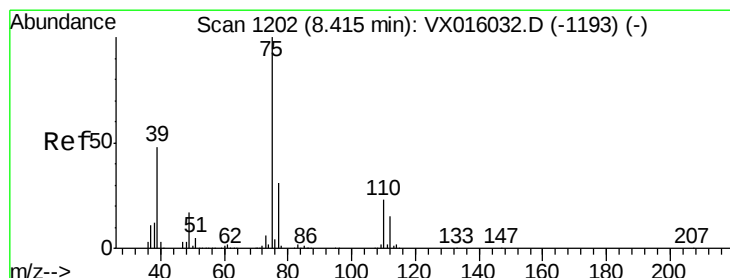
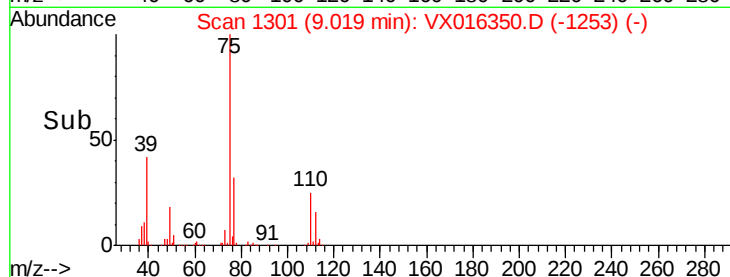
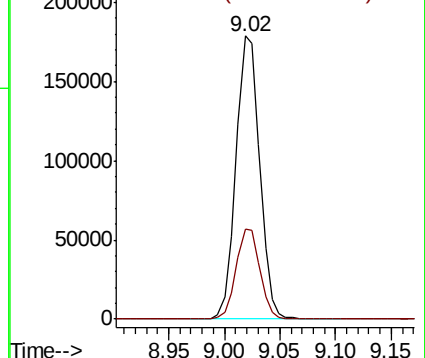
75 100

77 31.9 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 56.467 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

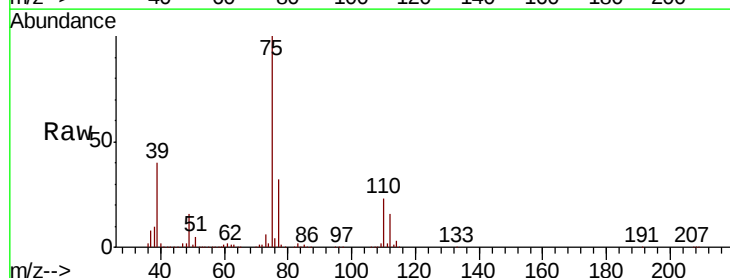
Tgt Ion: 75 Resp: 280694

Ion Ratio Lower Upper

75 100

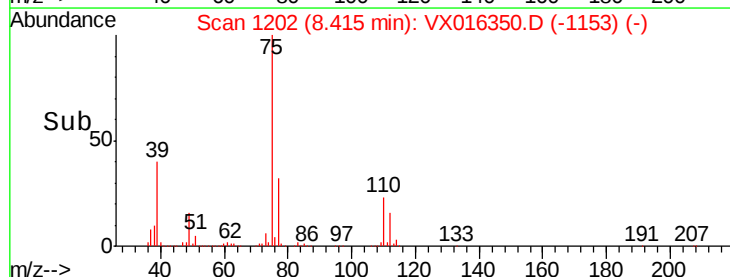
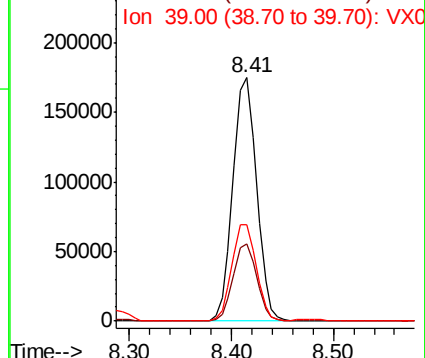
77 31.6 24.7 37.1

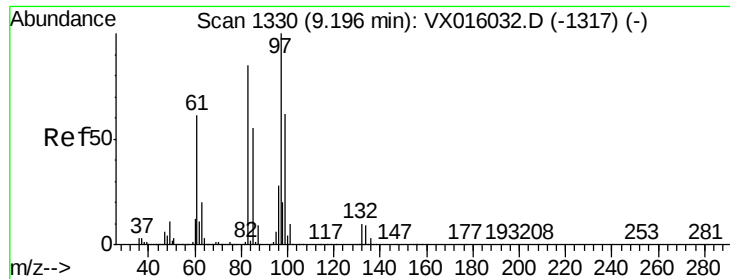
39 39.5 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

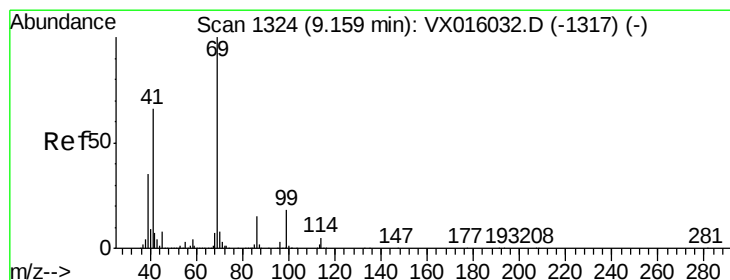
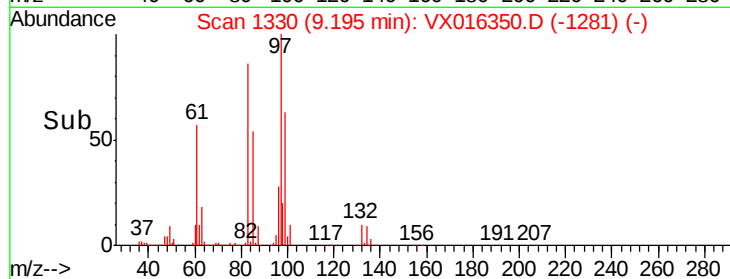
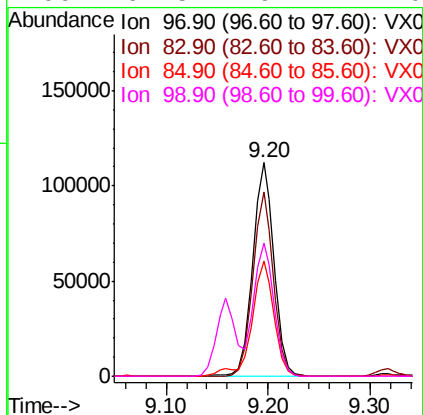
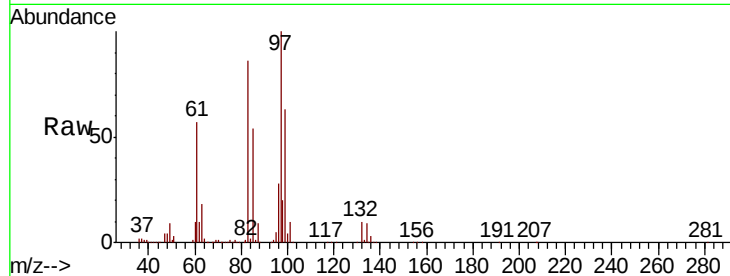




#55
 1,1,2-Trichloroethane
 Concen: 58.724 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

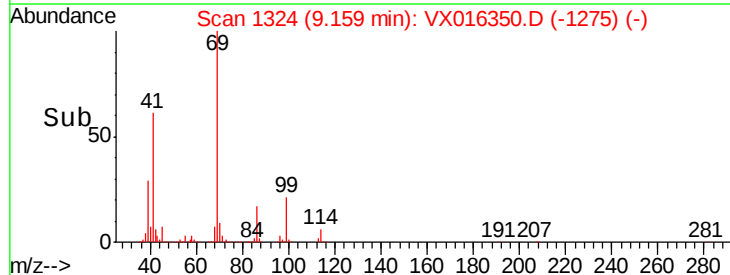
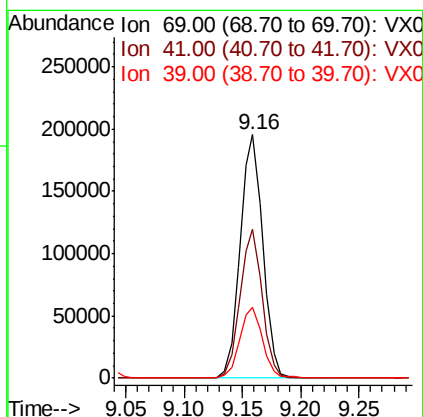
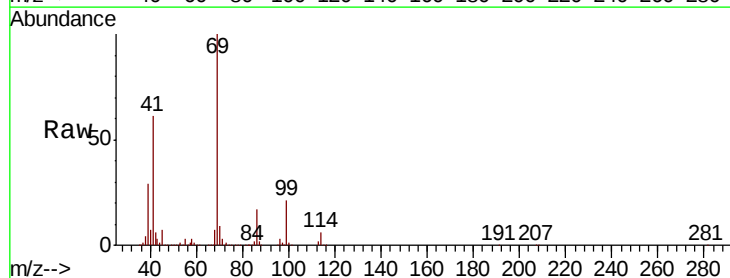
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

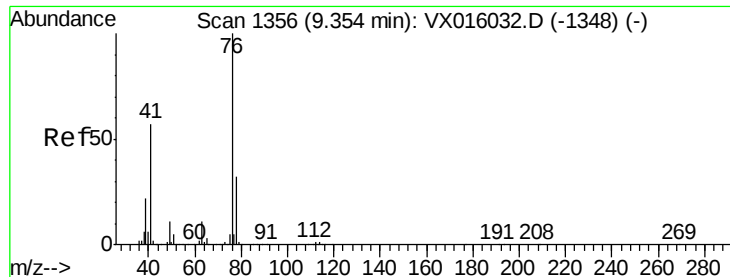
Tot Ion:	97	Resp:	164138
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.8	101.8
85	54.0	43.8	65.8
99	62.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 57.996 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Tgt Ion:	69	Resp:	264603
Ion	Ratio	Lower	Upper
69	100		
41	59.5	52.2	78.4
39	29.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 57.232 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

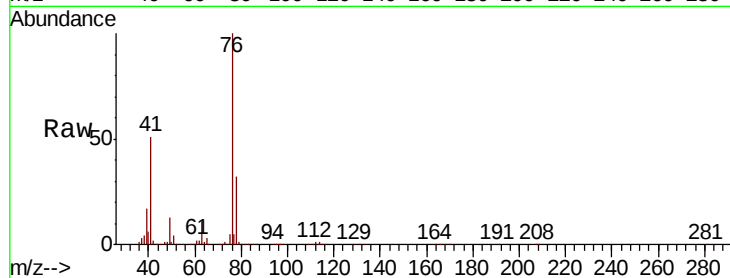
VSTDCCC050

Tot Ion: 76 Resp: 279124

Ion Ratio Lower Upper

76 100

78 32.2 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

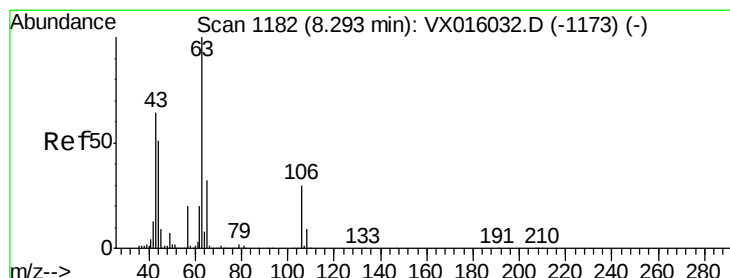
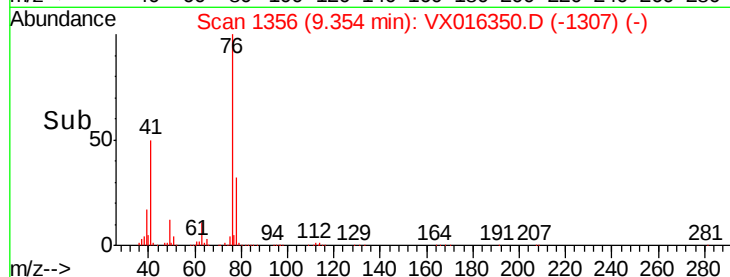
150000

100000

50000

0

Time--> 9.20 9.30 9.40 9.50



#58

2-Chloroethyl Vinyl ether

Concen: 268.111 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016350.D

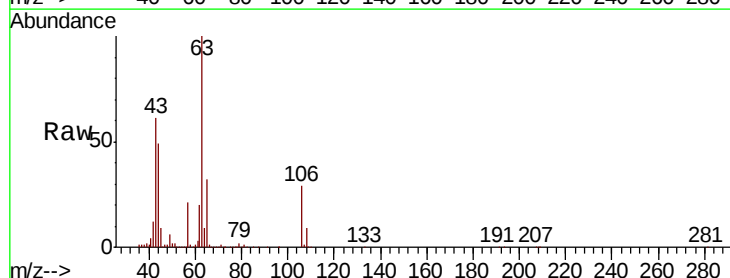
Acq: 20 May 2020 10:48

Tgt Ion: 63 Resp: 651220

Ion Ratio Lower Upper

63 100

106 30.4 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

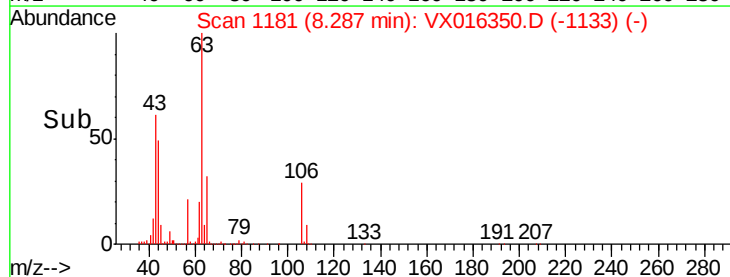
300000

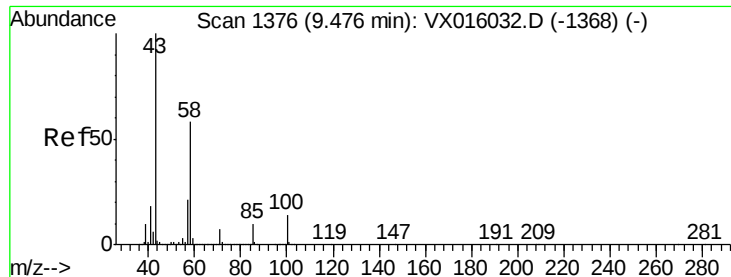
200000

100000

0

Time--> 8.20 8.25 8.30 8.35 8.40

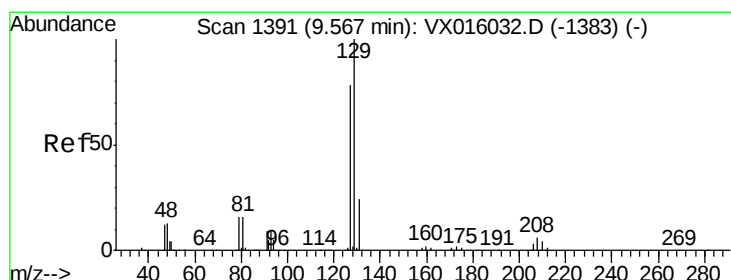
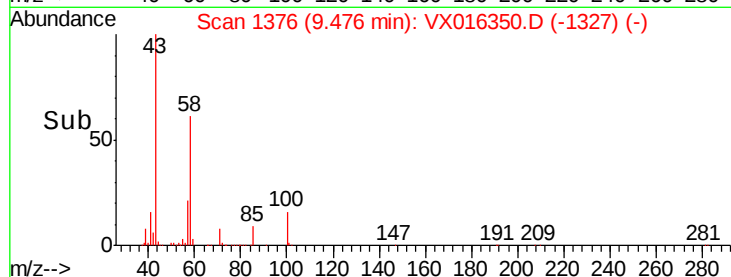
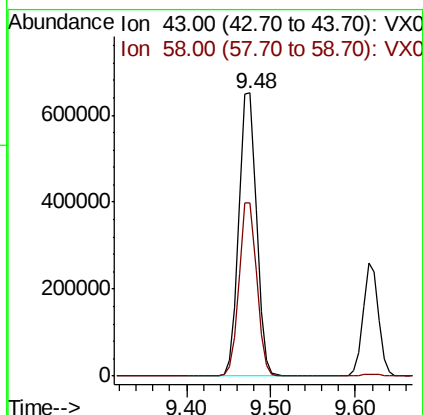
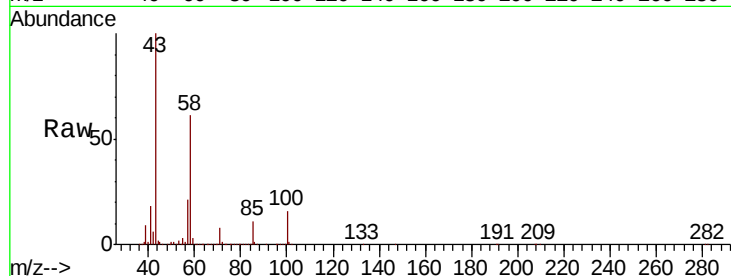




#59
2-Hexanone
Concen: 264.035 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

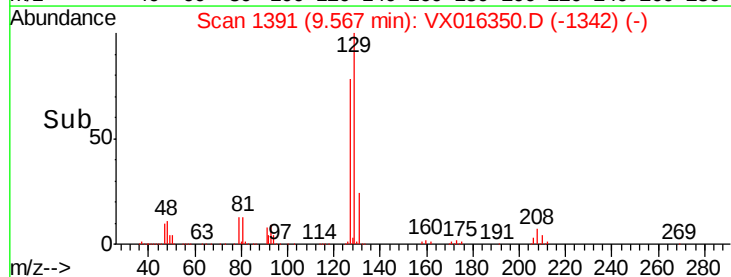
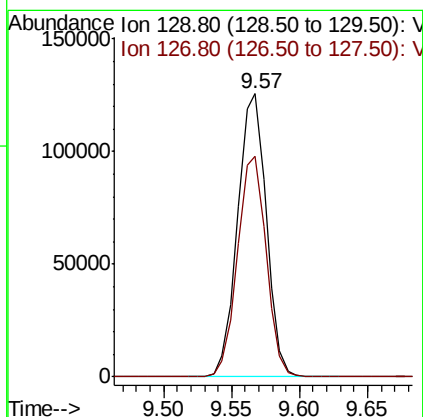
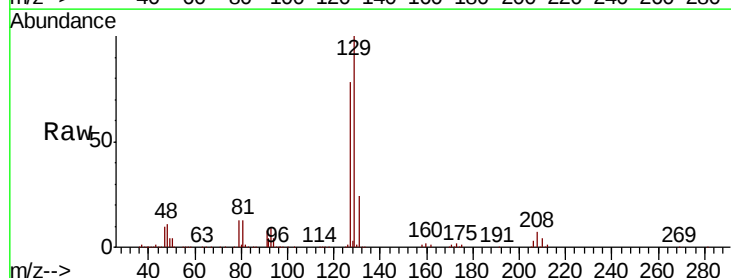
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

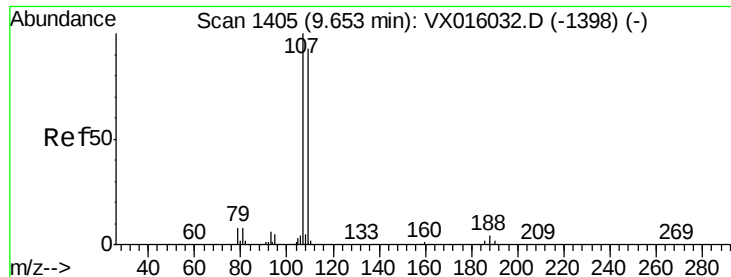
Tot Ion: 43 Resp: 914031
Ion Ratio Lower Upper
43 100
58 61.0 28.6 85.9



#60
Dibromochloromethane
Concen: 60.225 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion: 129 Resp: 185393
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 57.474 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

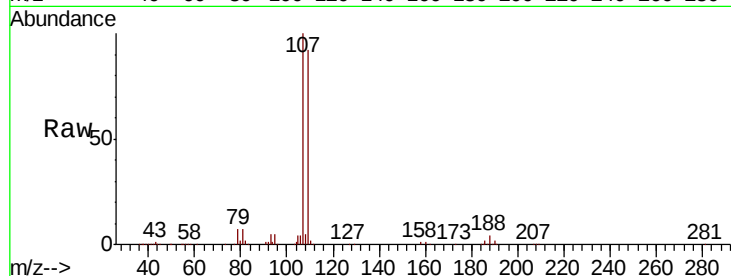
VSTDCCC050

Tot Ion:107 Resp: 174004

Ion Ratio Lower Upper

107 100

109 94.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

100000

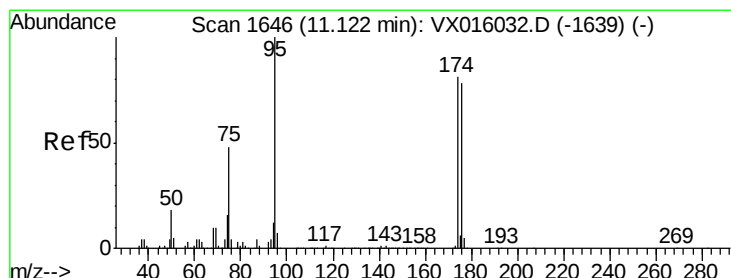
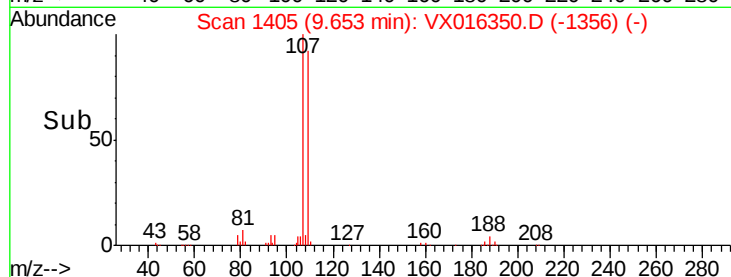
50000

0

9.65

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 53.028 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

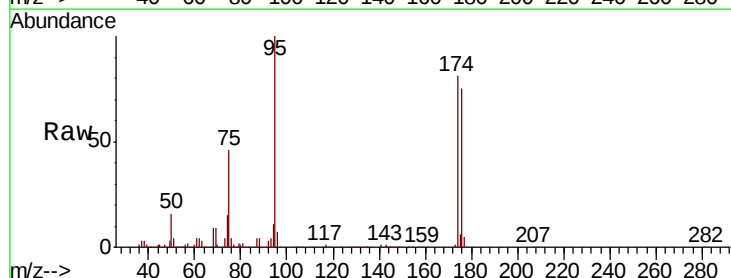
Tgt Ion: 95 Resp: 194834

Ion Ratio Lower Upper

95 100

174 81.5 0.0 159.4

176 78.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

100000

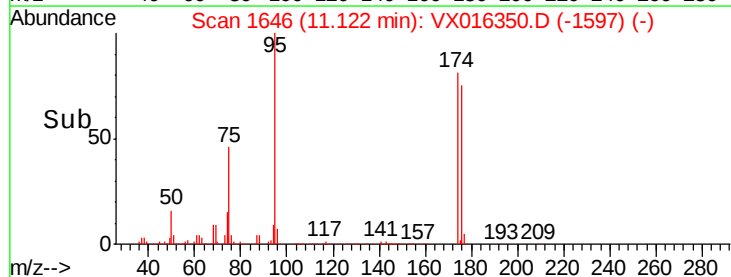
50000

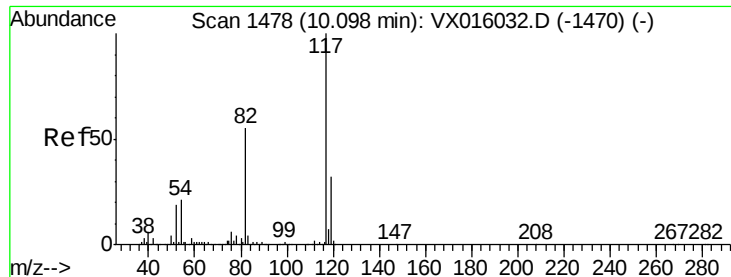
0

11.12

11.10 11.20

Time-->

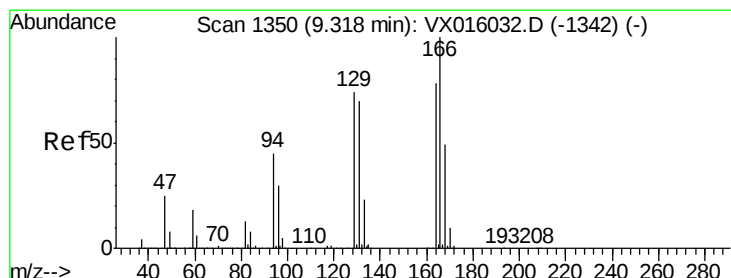
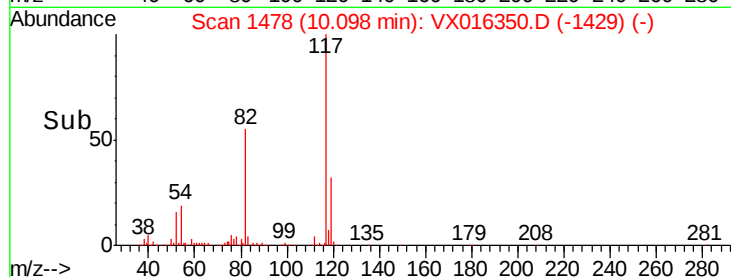
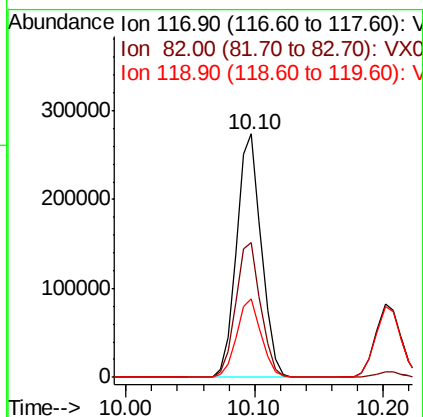
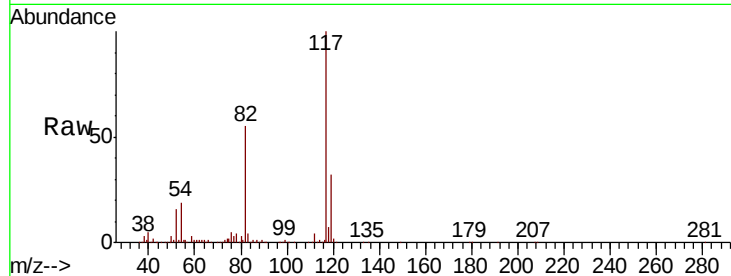




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

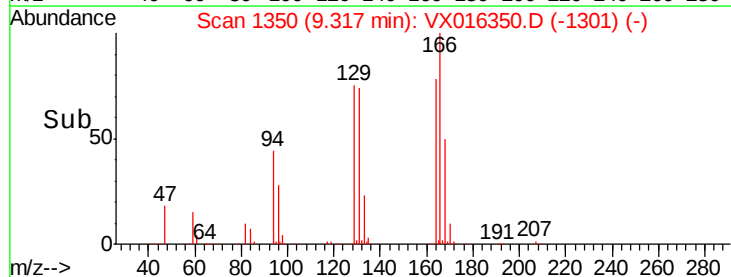
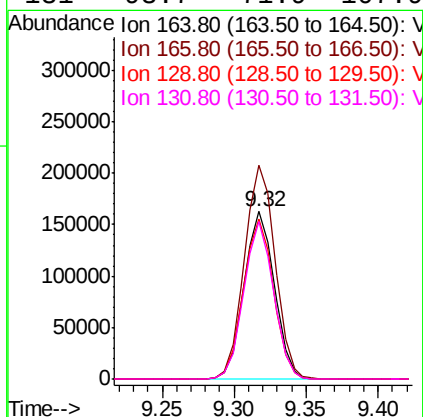
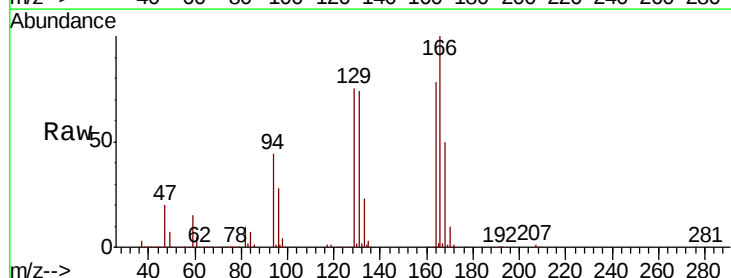
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

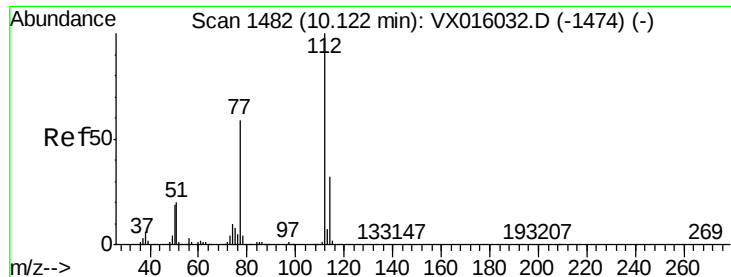
Tot Ion:117 Resp: 364176
Ion Ratio Lower Upper
117 100
82 55.2 44.4 66.6
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 53.043 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion:164 Resp: 237140
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 95.7 76.1 114.1
131 93.7 71.9 107.9

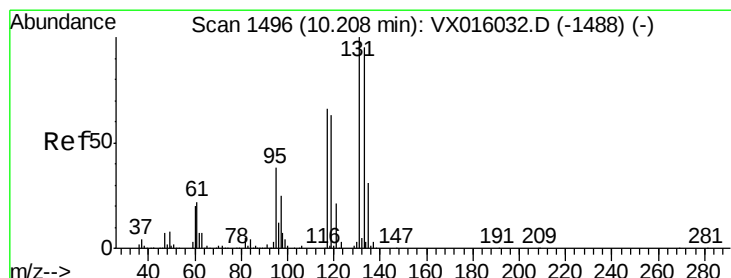
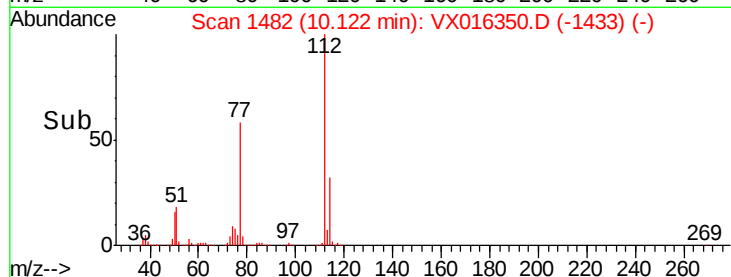
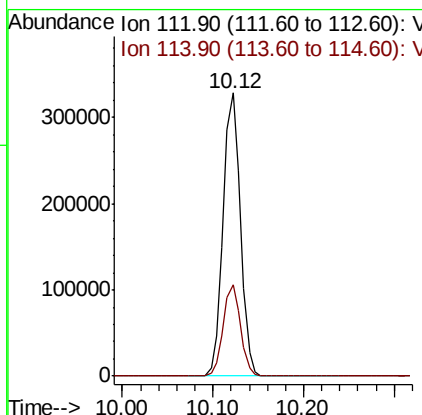
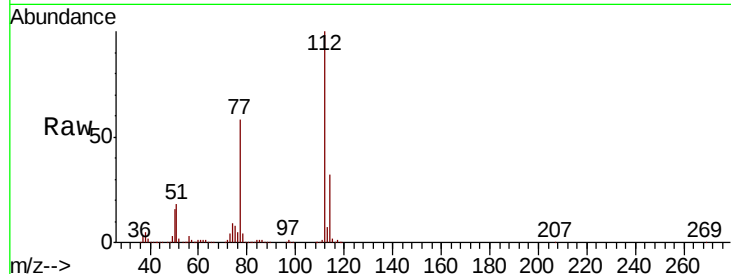




#65
Chlorobenzene
Concen: 57.402 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

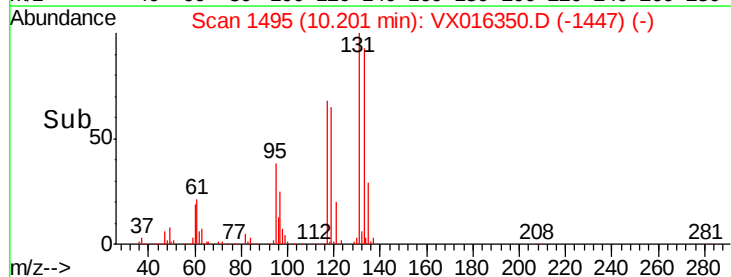
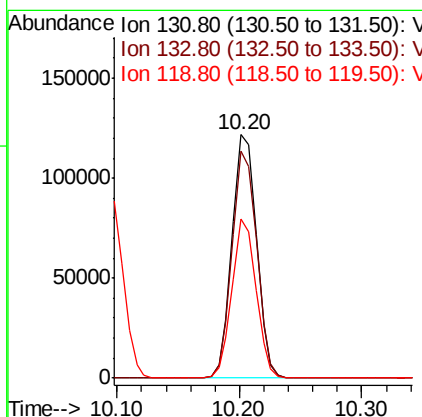
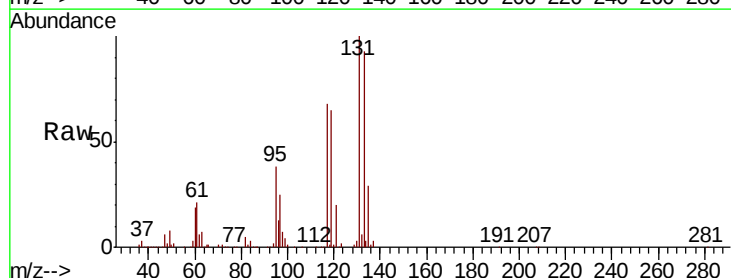
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

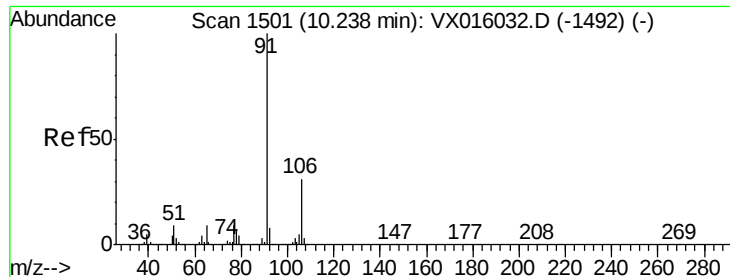
Tot Ion:112 Resp: 437716
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.965 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion:131 Resp: 169009
Ion Ratio Lower Upper
131 100
133 94.1 48.3 144.8
119 64.0 32.3 96.9





#67

Ethyl Benzene

Concen: 56.434 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

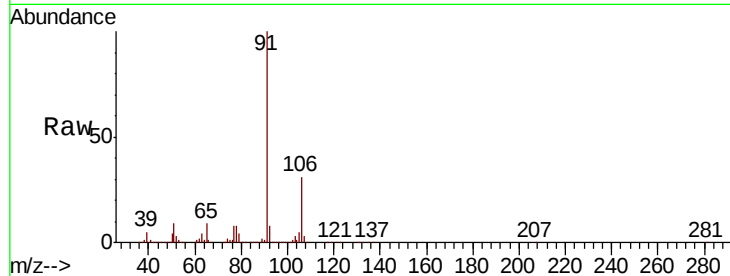
VSTDCCC050

Tot Ion: 91 Resp: 767830

Ion Ratio Lower Upper

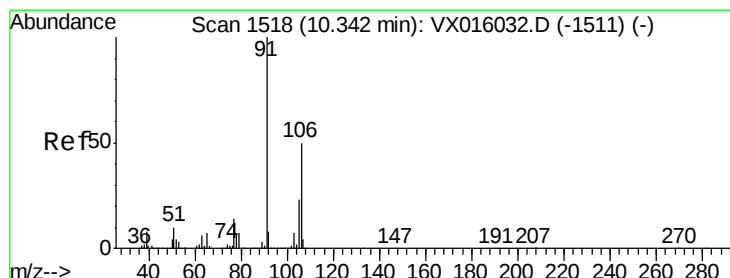
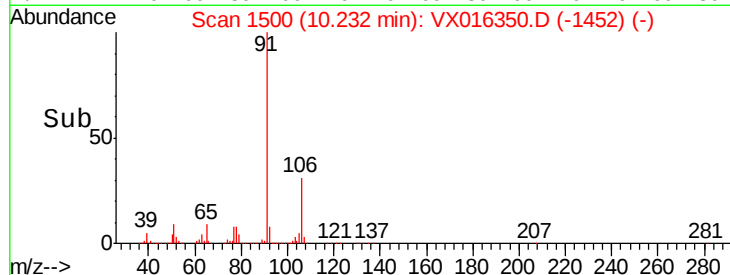
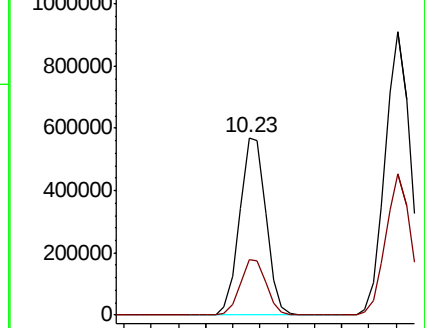
91 100

106 31.1 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 114.850 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016350.D

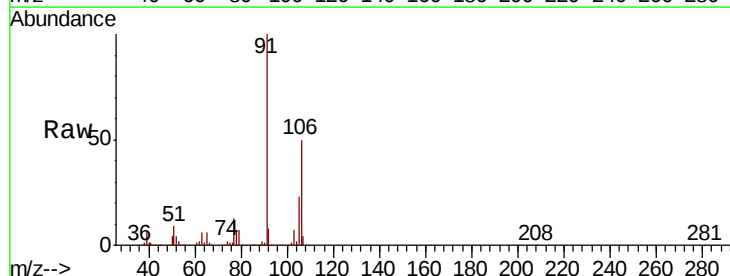
Acq: 20 May 2020 10:48

Tgt Ion: 106 Resp: 585453

Ion Ratio Lower Upper

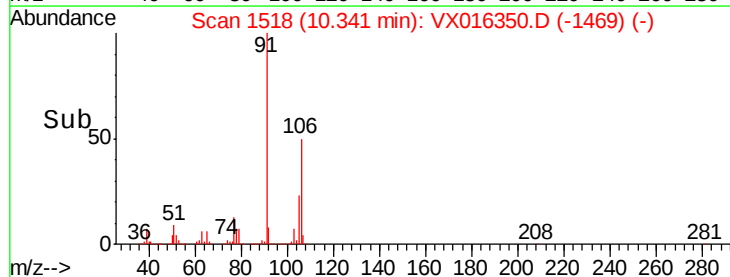
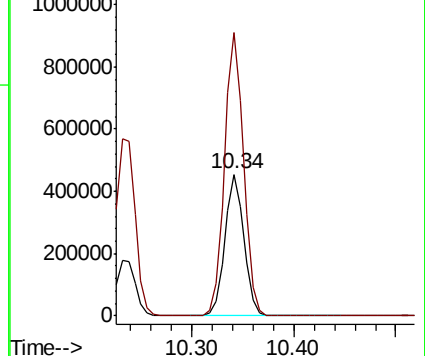
106 100

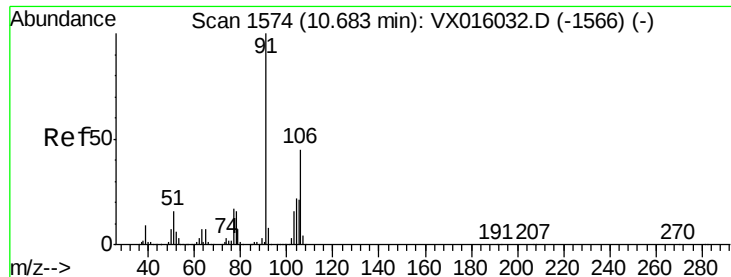
91 202.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

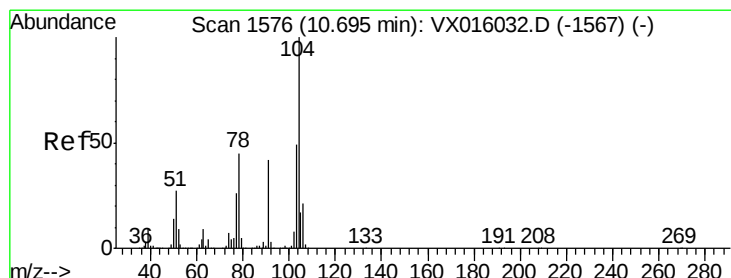
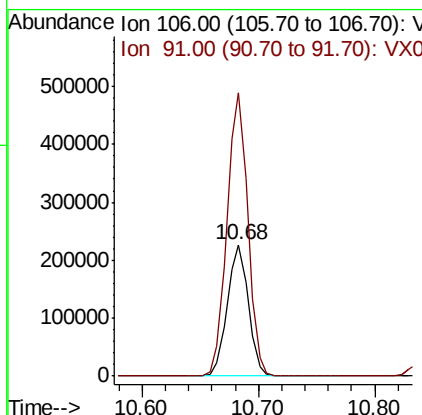
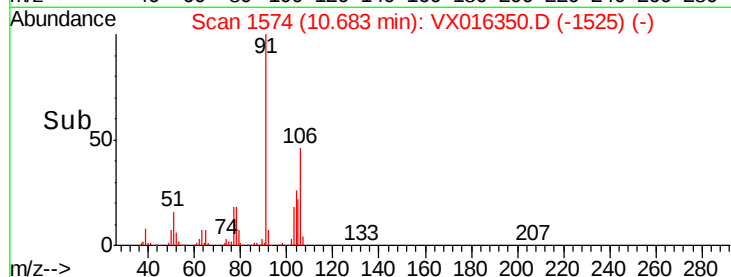
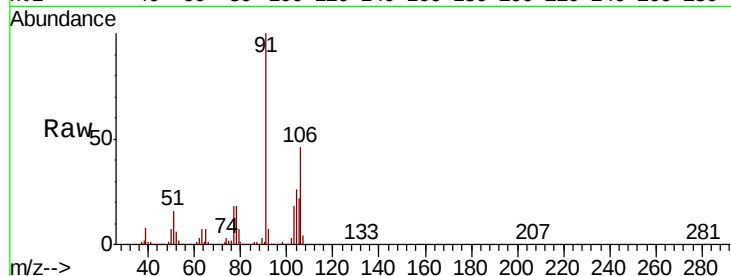




#69
o-Xylene
Concen: 57.873 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

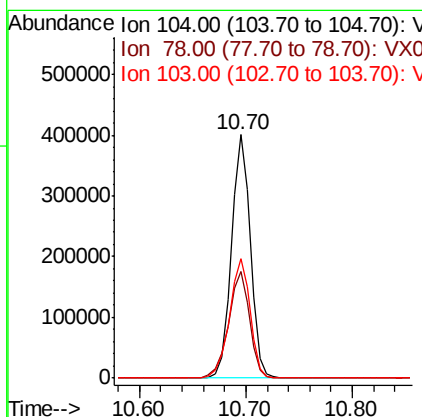
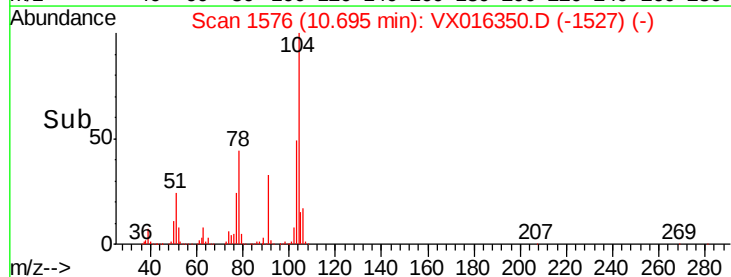
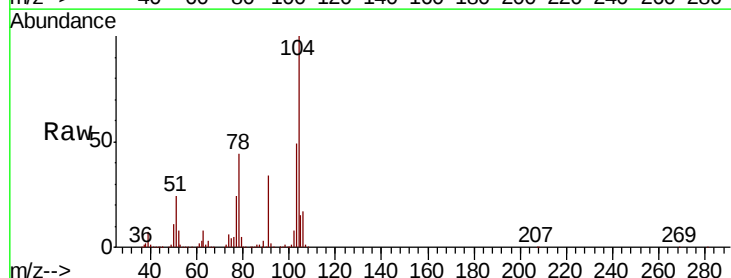
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

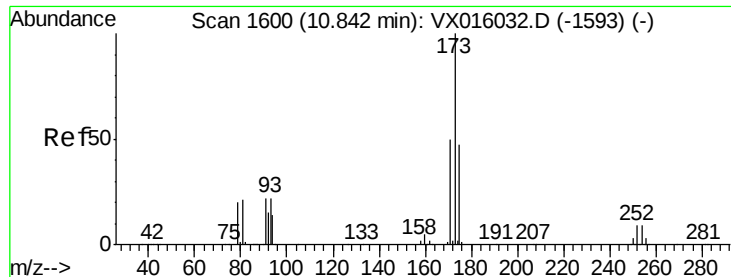
Tot Ion:106 Resp: 283573
Ion Ratio Lower Upper
106 100
91 214.7 107.5 322.6



#70
Styrene
Concen: 60.005 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion:104 Resp: 498812
Ion Ratio Lower Upper
104 100
78 48.7 40.2 60.2
103 53.9 43.0 64.6





#71

Bromoform

Concen: 62.185 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

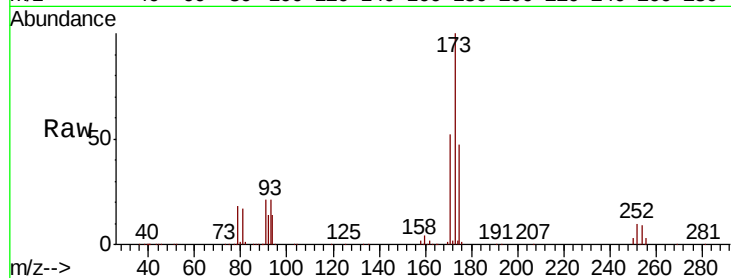
Tot Ion:173 Resp: 142793

Ion Ratio Lower Upper

173 100

175 48.4 24.0 72.0

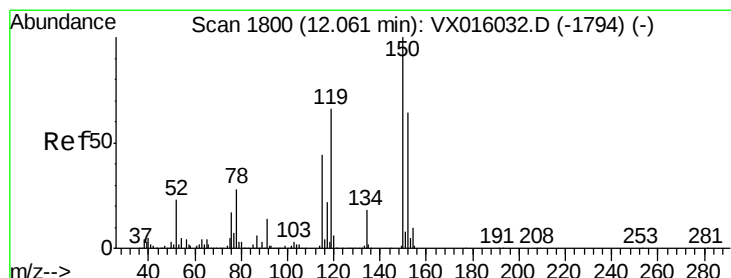
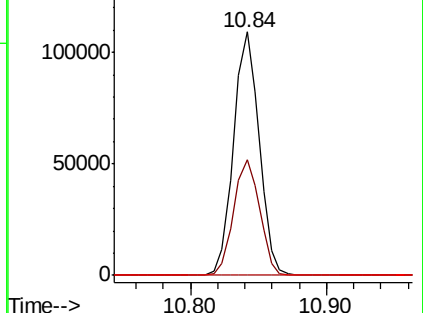
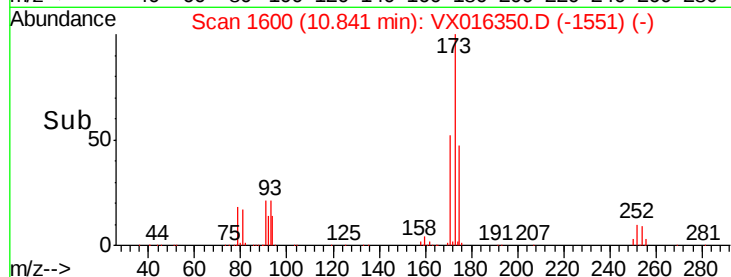
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

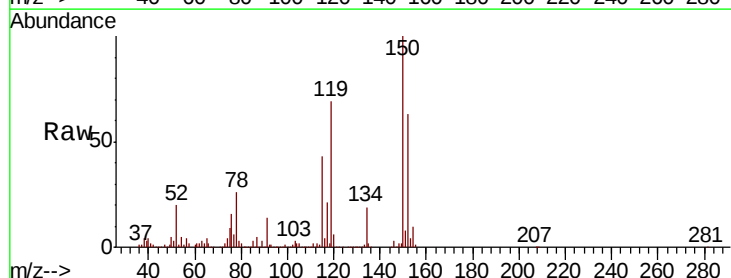
Tgt Ion:152 Resp: 181407

Ion Ratio Lower Upper

152 100

115 83.6 41.3 124.1

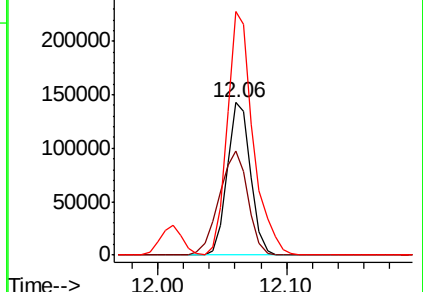
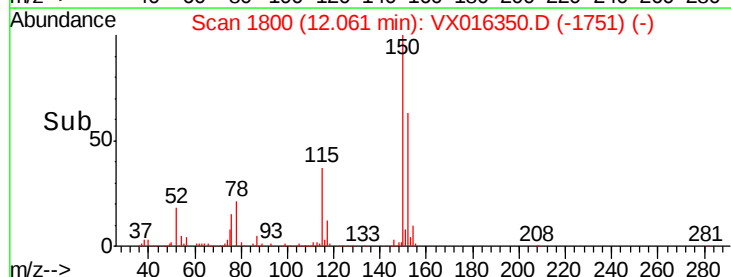
150 175.5 0.0 352.2

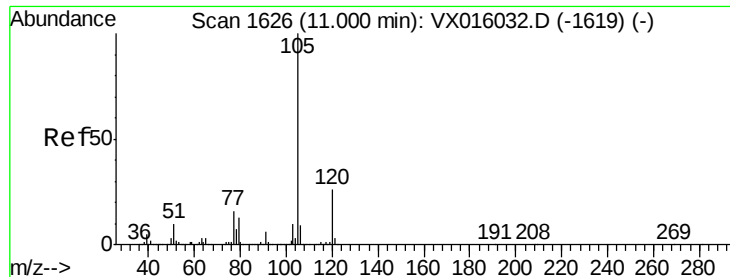


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.918 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

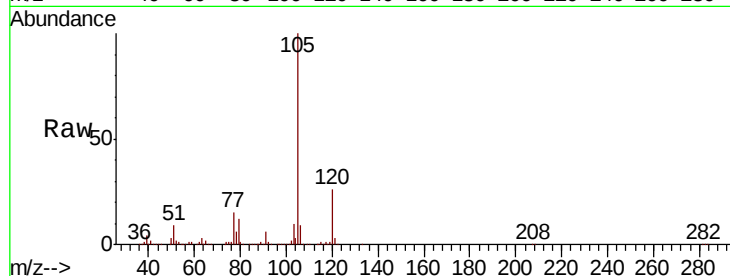
VSTDCCC050

Tot Ion:105 Resp: 737806

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

400000

200000

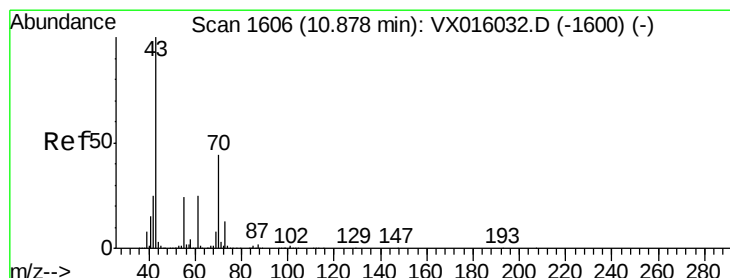
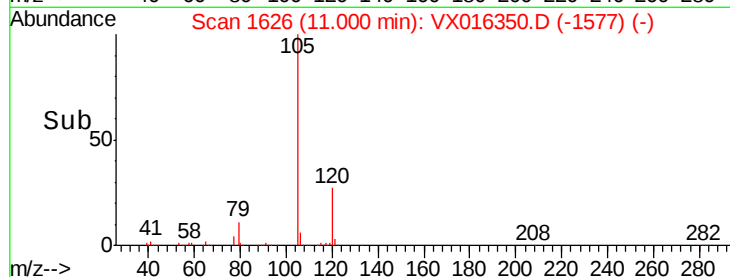
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 52.557 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Tgt Ion: 43 Resp: 323462

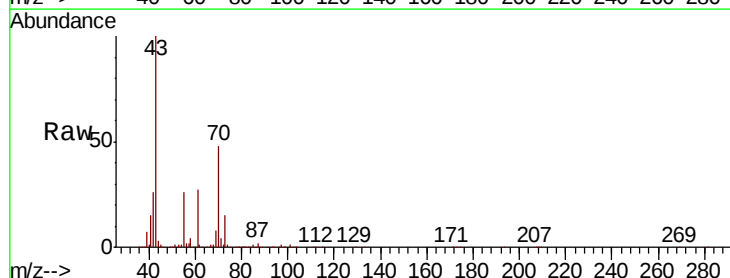
Ion Ratio Lower Upper

43 100

70 49.5 36.5 54.7

55 26.4 19.7 29.5

61 27.6 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

200000

100000

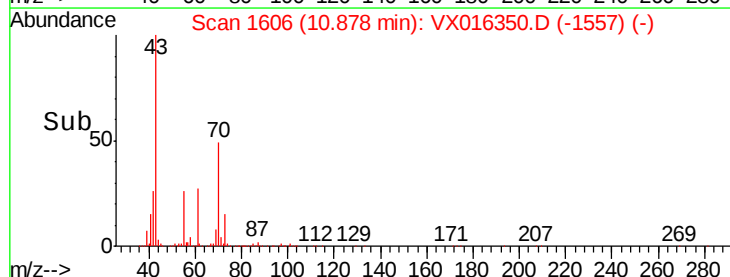
0

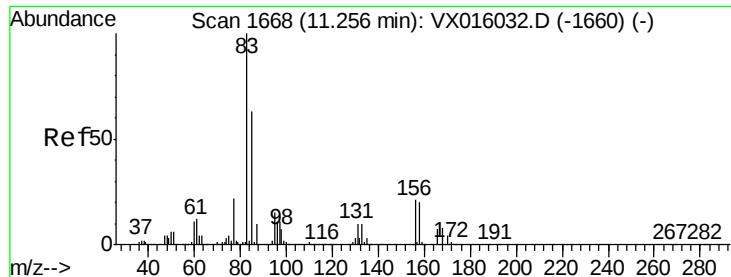
10.88

10.80

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 64.072 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

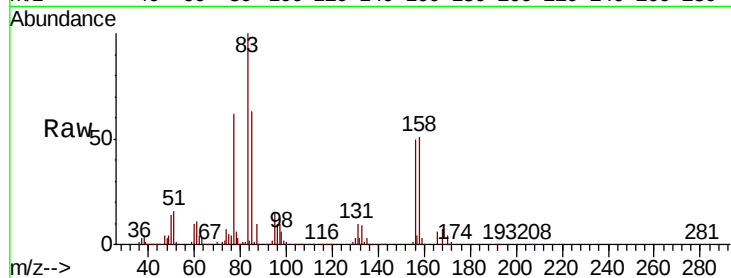
Tot Ion: 83 Resp: 171952

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

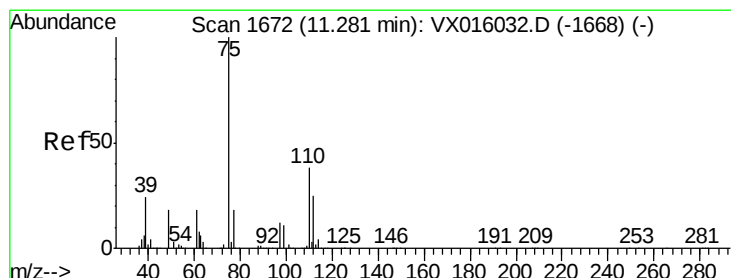
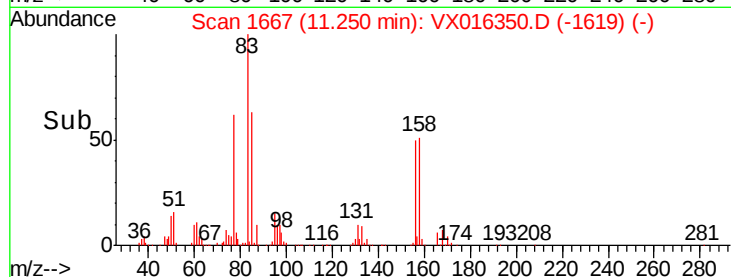
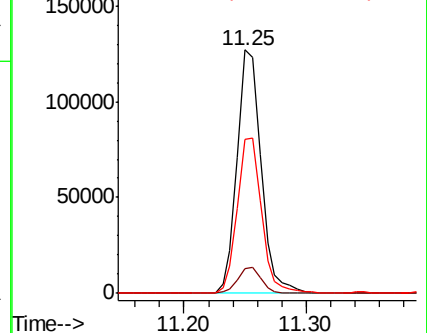
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 76.149 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016350.D

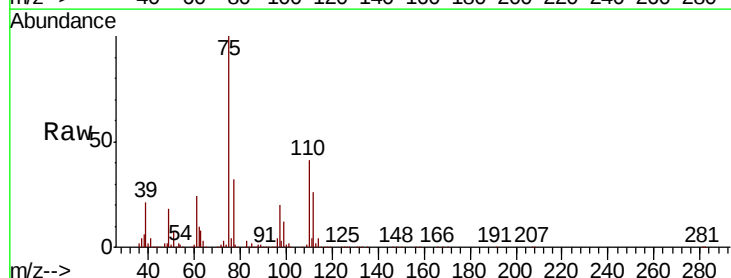
Acq: 20 May 2020 10:48

Tgt Ion: 75 Resp: 313470

Ion Ratio Lower Upper

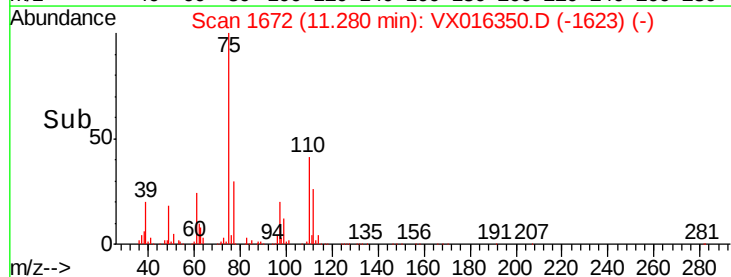
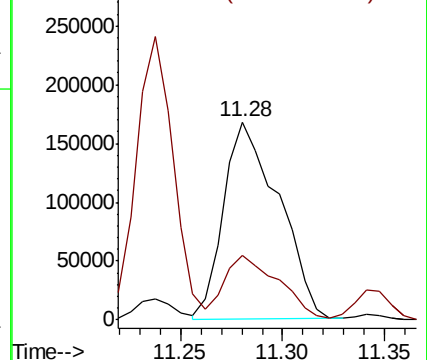
75 100

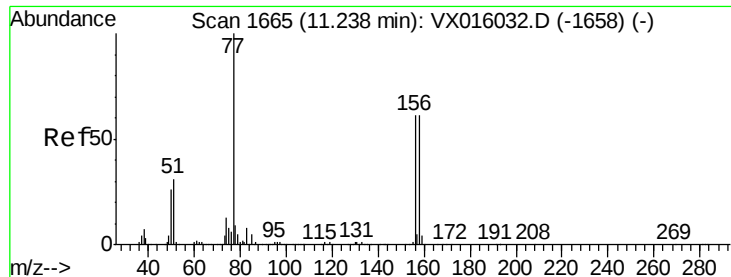
77 32.1 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.560 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

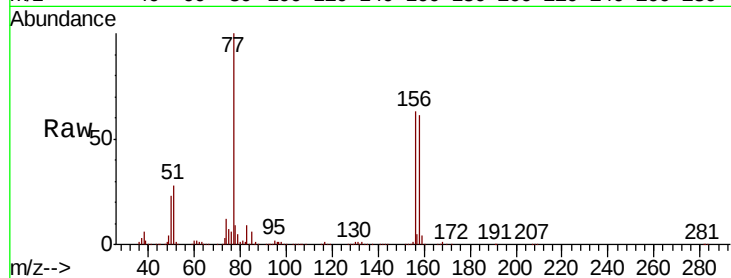
Tot Ion:156 Resp: 189221

Ion Ratio Lower Upper

156 100

77 161.7 80.1 240.3

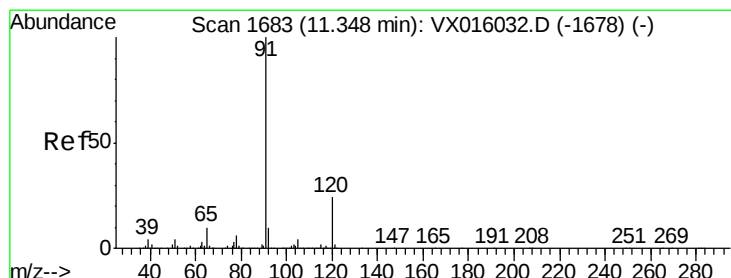
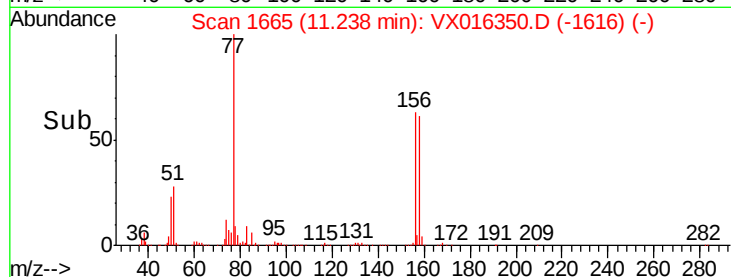
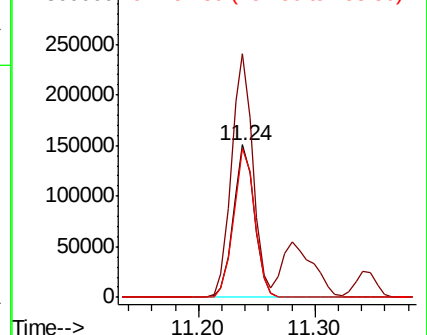
158 98.0 49.4 148.2



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: 54.632 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016350.D

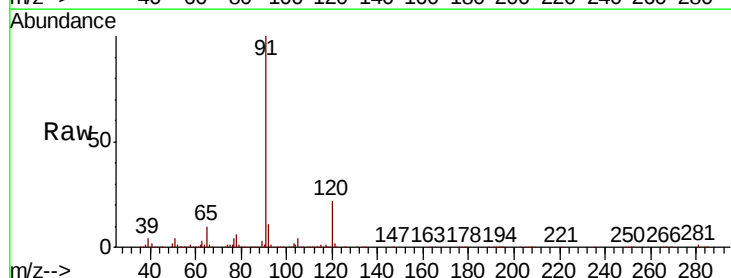
Acq: 20 May 2020 10:48

Tgt Ion: 91 Resp: 838597

Ion Ratio Lower Upper

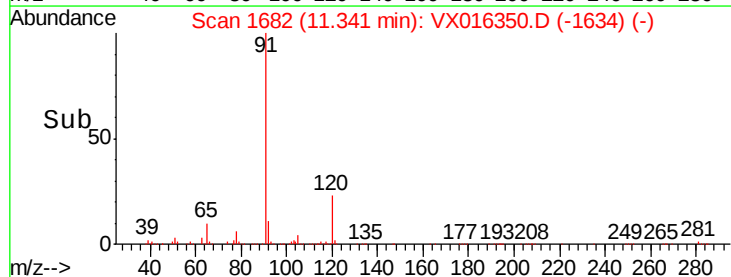
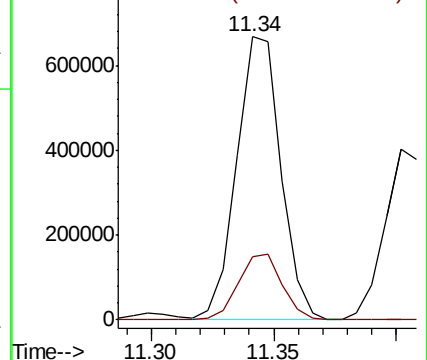
91 100

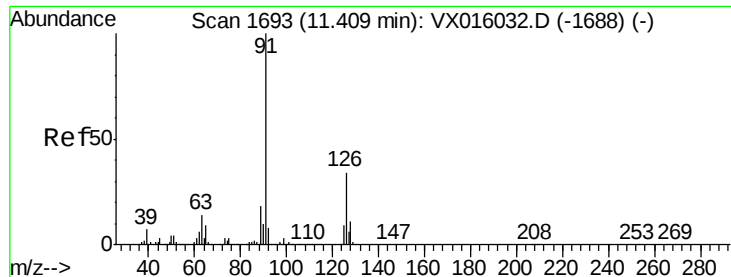
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

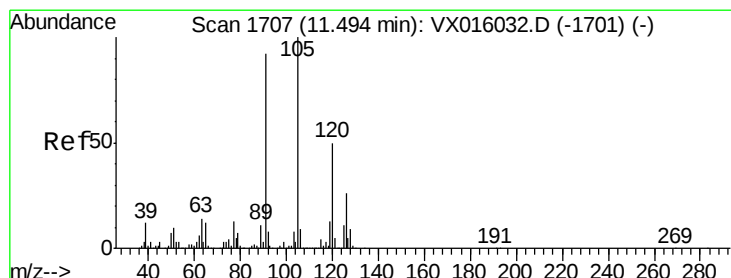
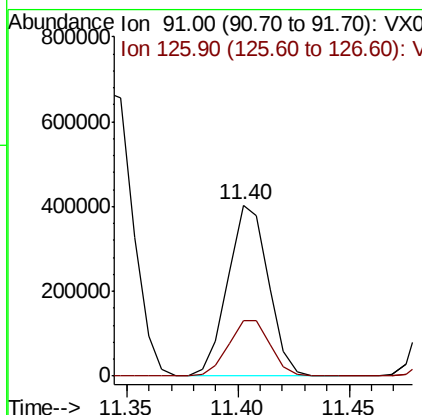
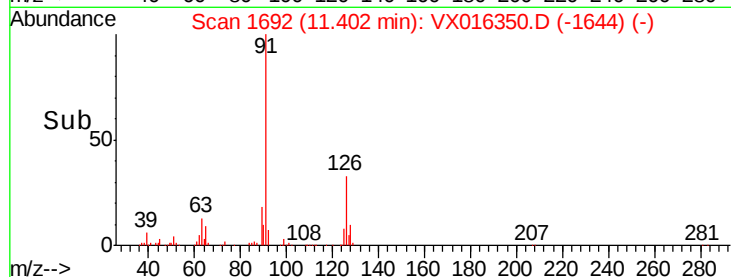
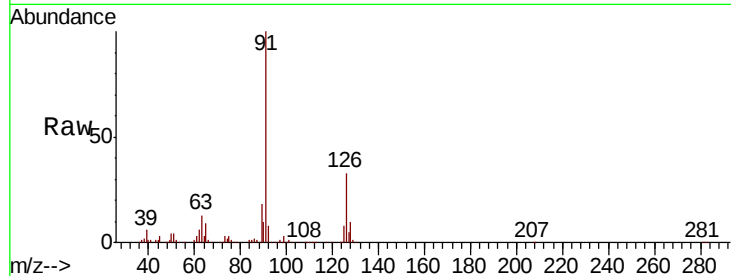




#79
2-Chlorotoluene
Concen: 56.675 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

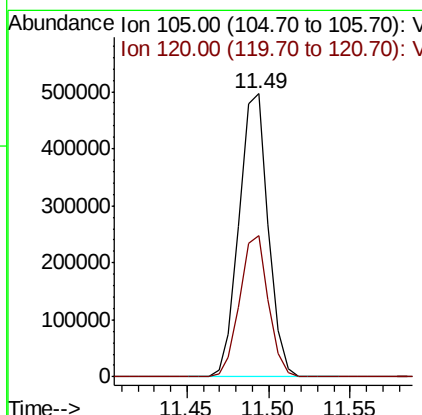
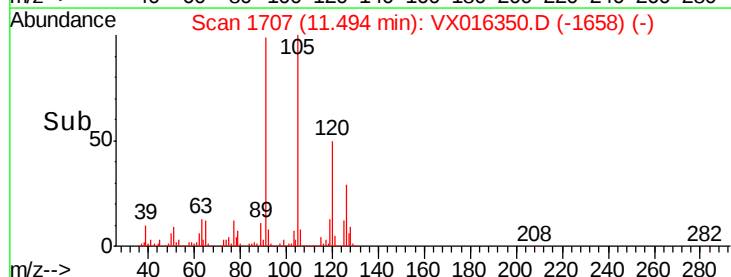
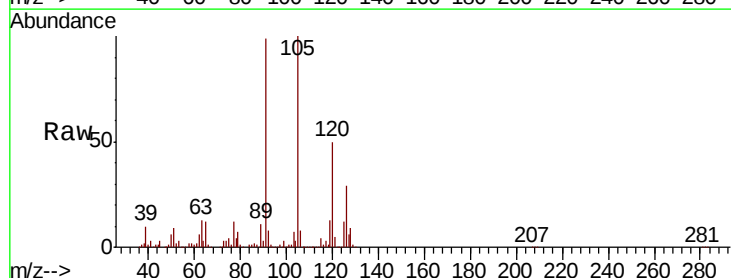
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

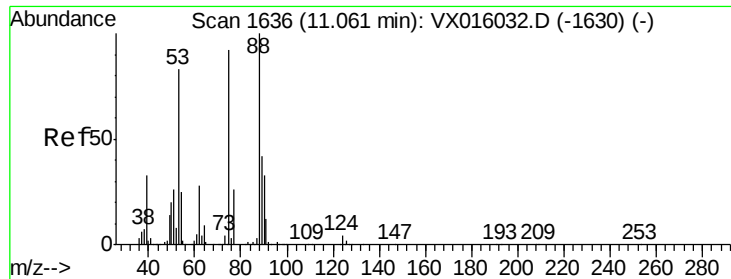
Tot Ion: 91 Resp: 513503
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 55.494 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion: 105 Resp: 618226
Ion Ratio Lower Upper
105 100
120 49.2 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 57.711 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

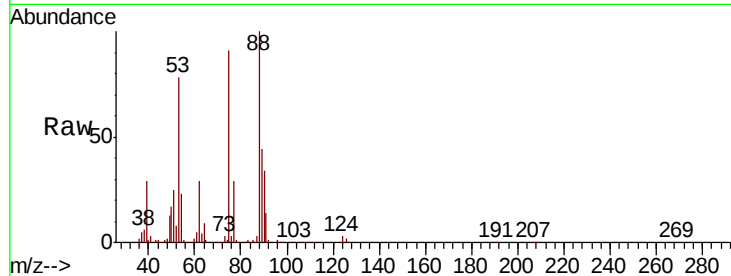
Tot Ion: 75 Resp: 99691

Ion Ratio Lower Upper

75 100

53 83.9 73.1 109.7

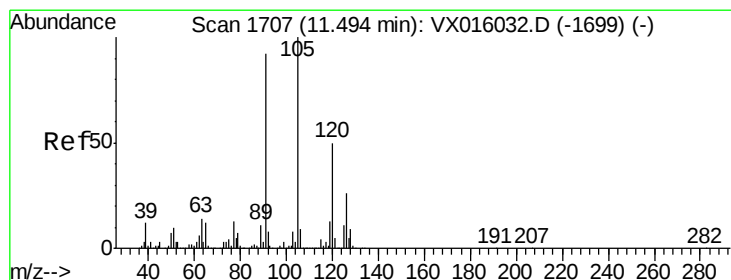
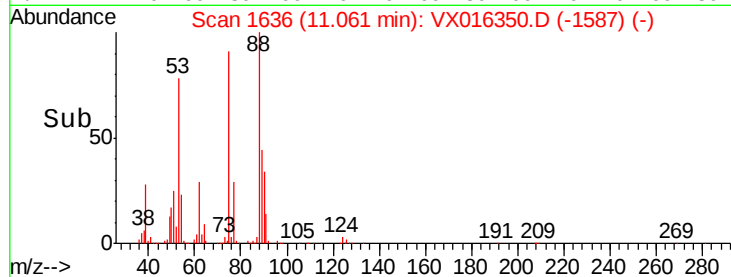
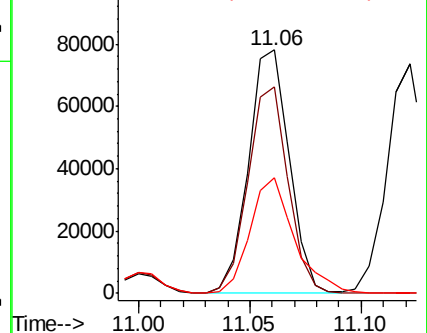
89 51.8 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 56.577 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016350.D

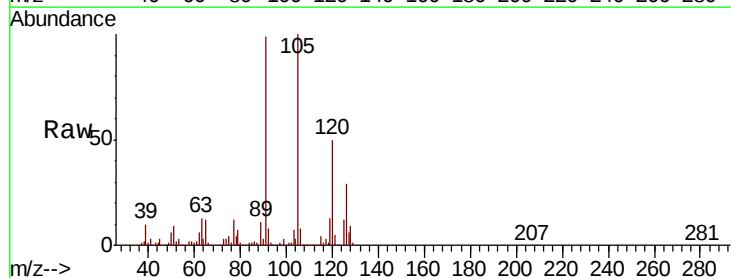
Acq: 20 May 2020 10:48

Tgt Ion: 91 Resp: 605346

Ion Ratio Lower Upper

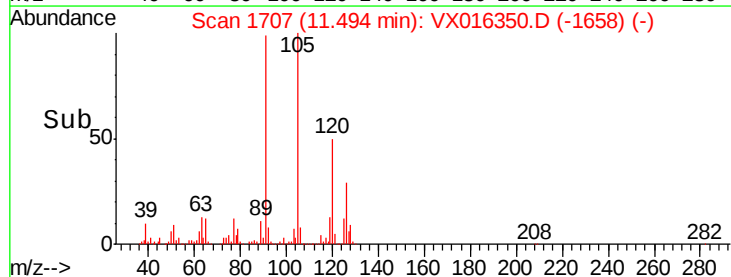
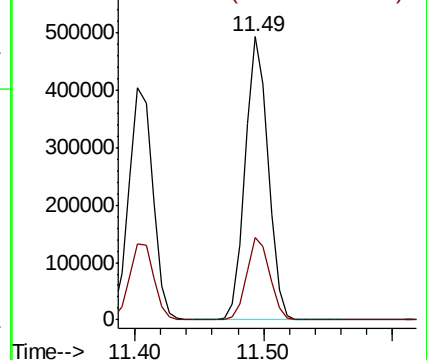
91 100

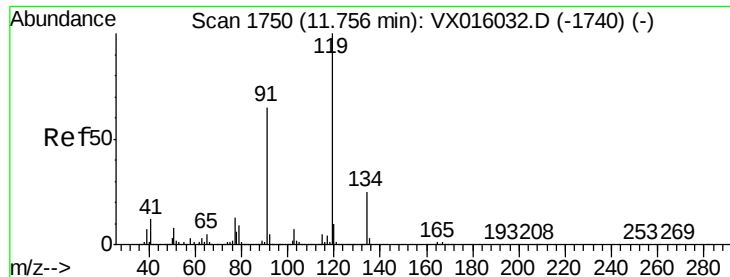
126 29.1 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.031 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

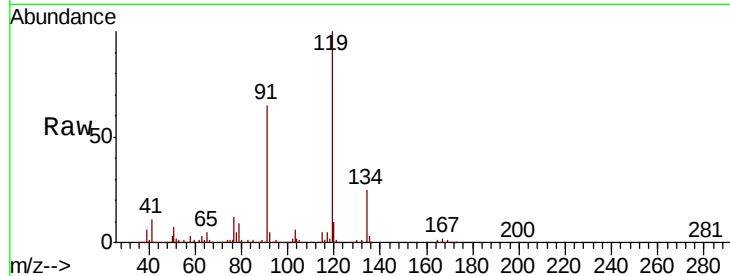
Tot Ion:119 Resp: 518743

Ion Ratio Lower Upper

119 100

91 63.6 32.8 98.4

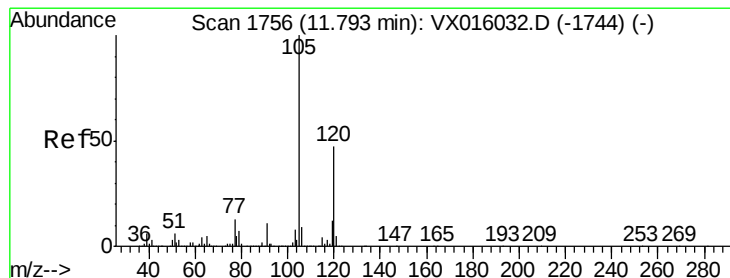
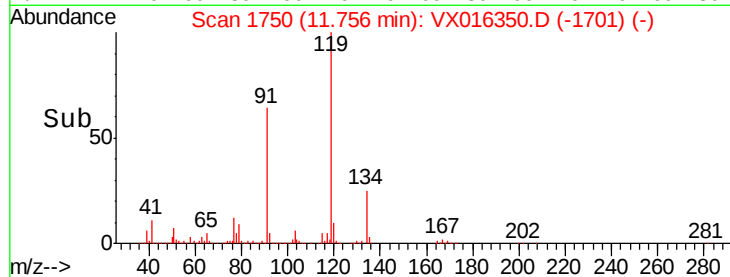
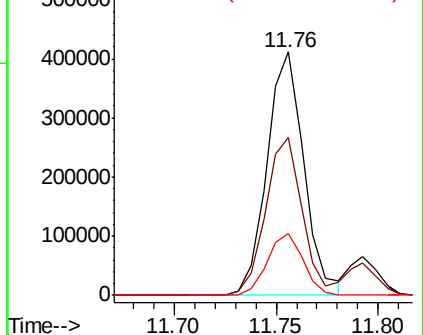
134 24.7 12.4 37.0



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: 56.113 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016350.D

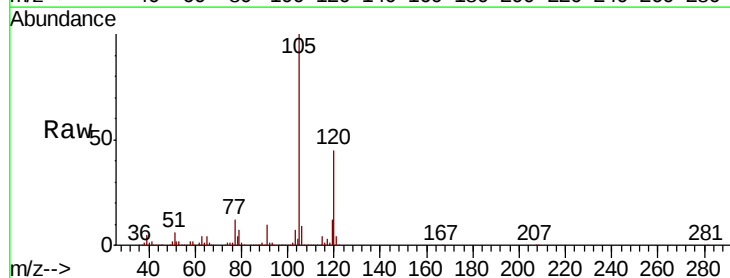
Acq: 20 May 2020 10:48

Tgt Ion:105 Resp: 631996

Ion Ratio Lower Upper

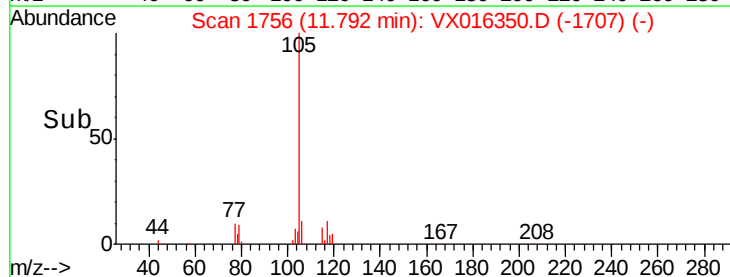
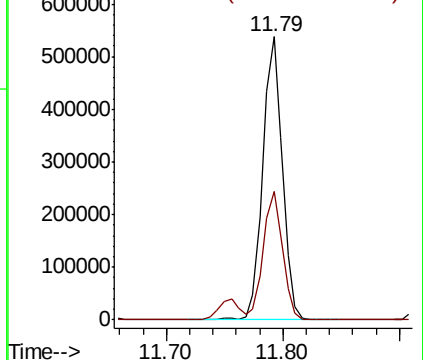
105 100

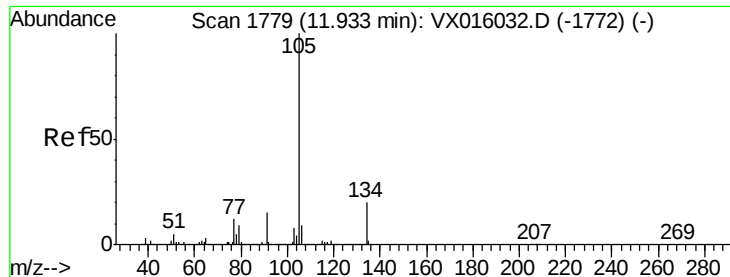
120 45.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.371 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

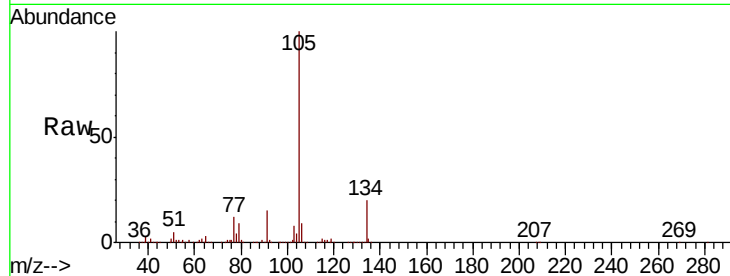
VSTDCCC050

Tot Ion:105 Resp: 665918

Ion Ratio Lower Upper

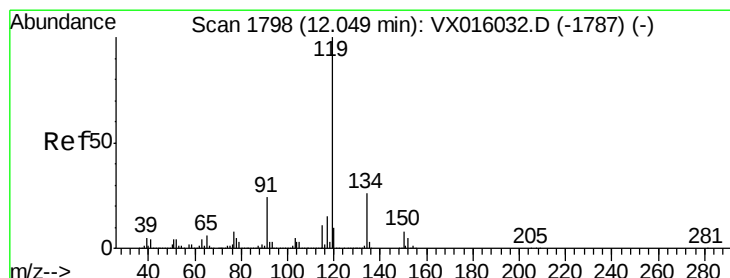
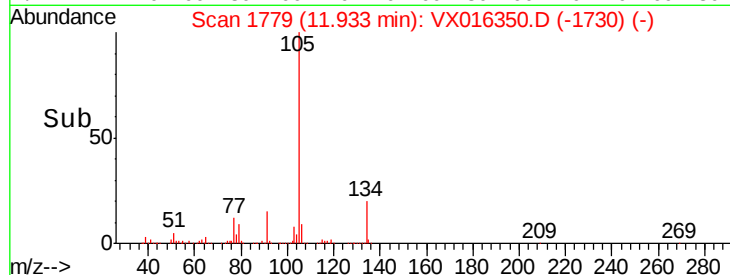
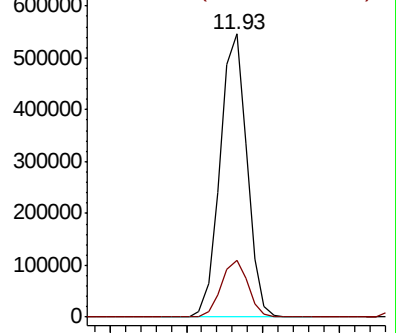
105 100

134 20.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.541 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

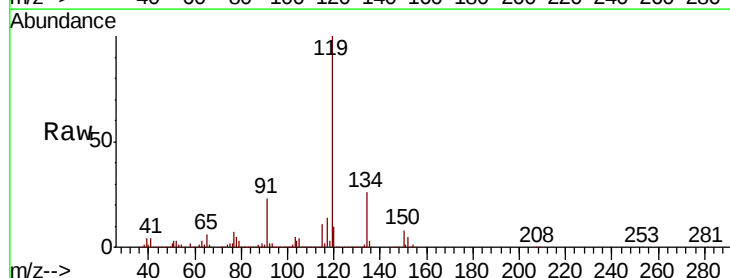
Tgt Ion:119 Resp: 620310

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

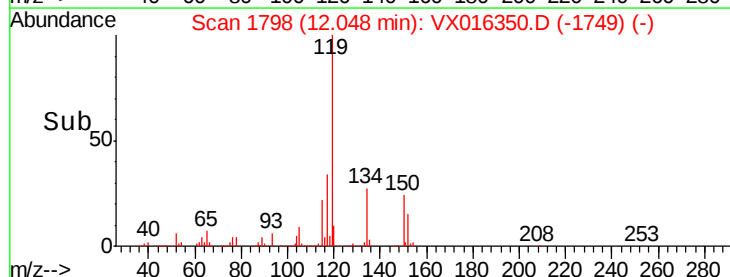
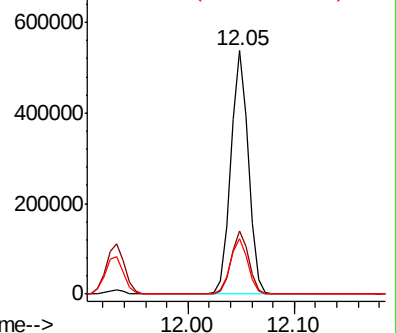
91 23.1 11.8 35.4

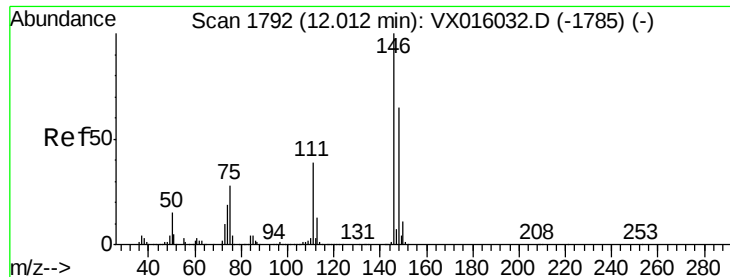


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 54.655 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

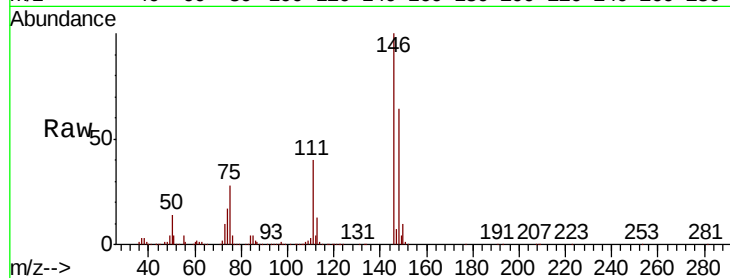
Tot Ion:146 Resp: 334223

Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.6

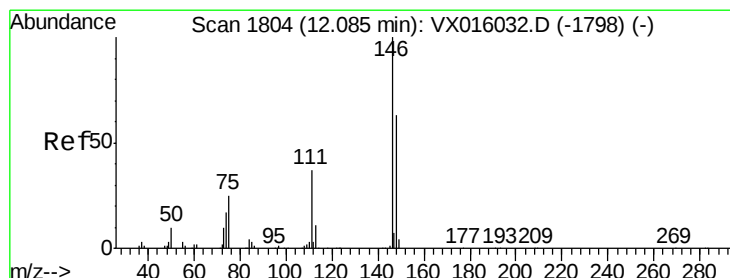
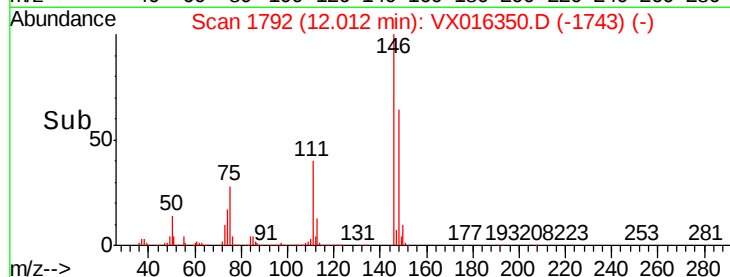
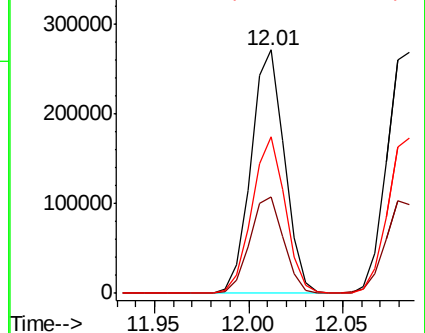
148 63.7 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 55.514 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

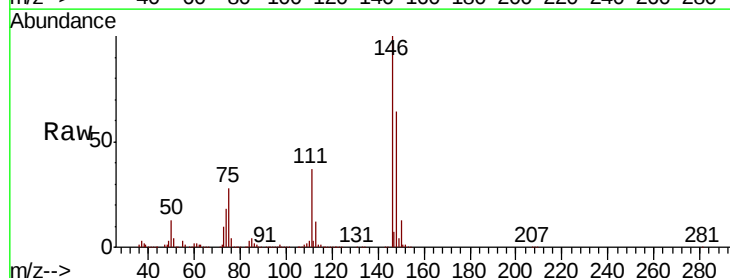
Tgt Ion:146 Resp: 344554

Ion Ratio Lower Upper

146 100

111 38.3 19.6 58.7

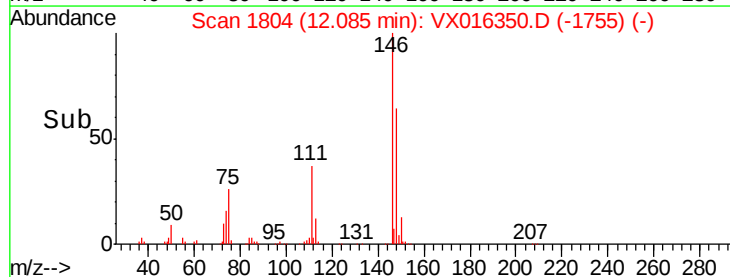
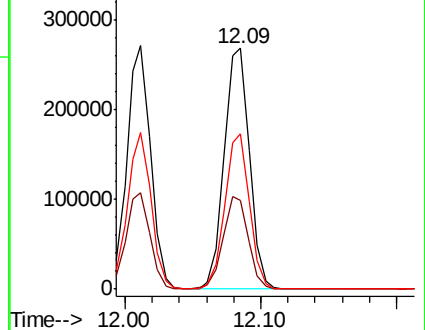
148 62.7 31.8 95.3

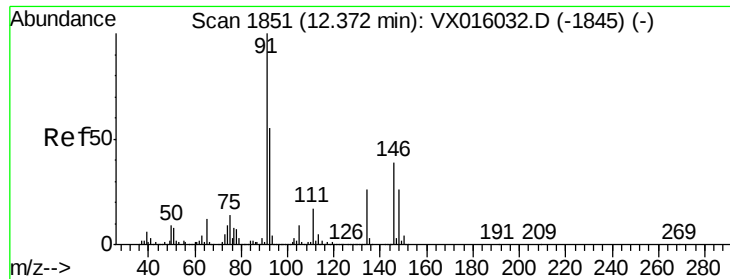


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

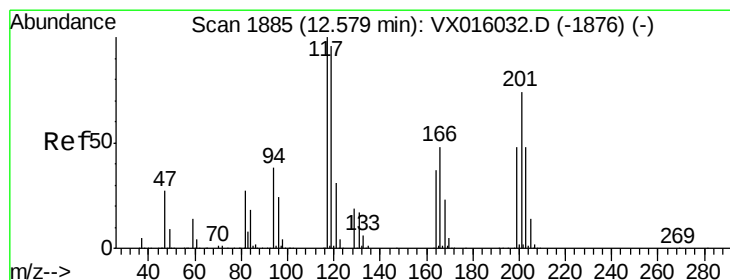
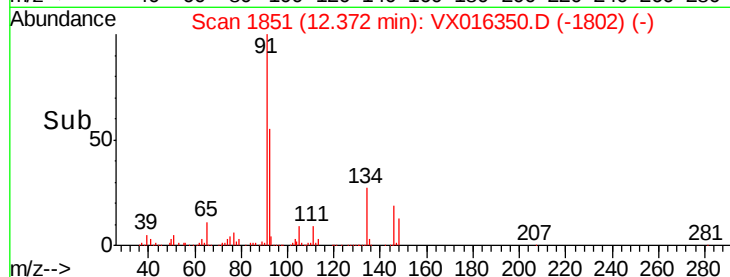
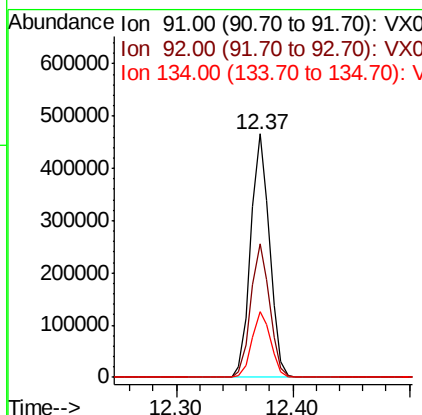
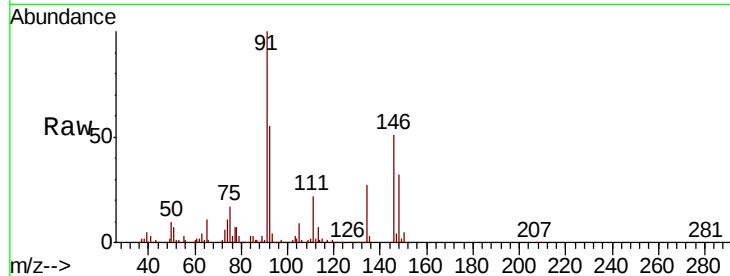




#89
n-Butylbenzene
Concen: 47.846 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

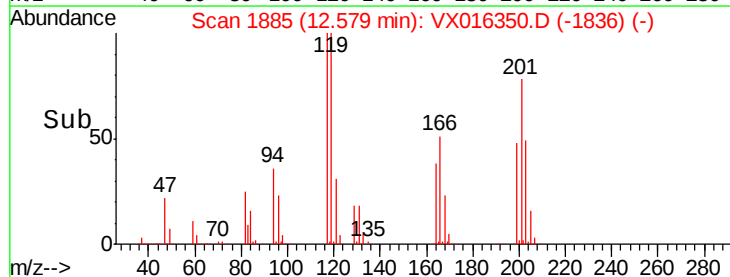
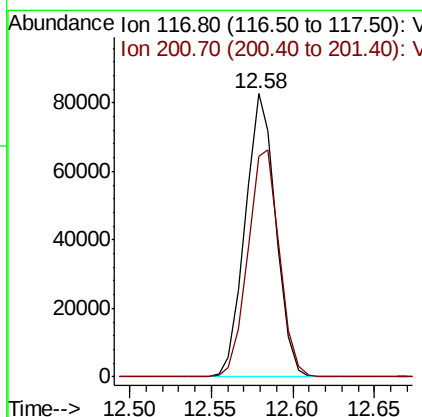
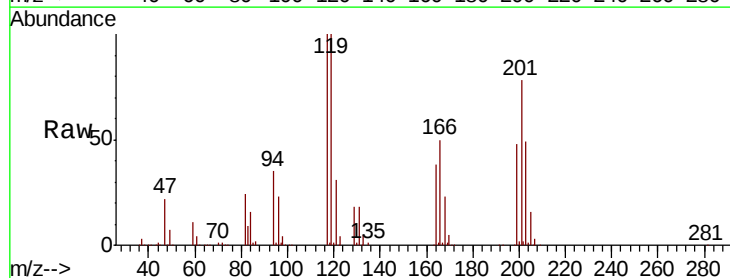
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

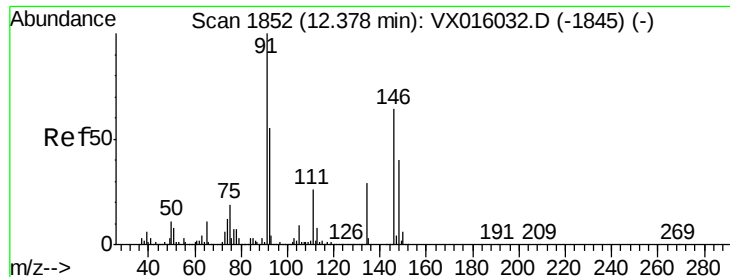
Tot Ion: 91 Resp: 526071
Ion Ratio Lower Upper
91 100
92 54.9 27.6 82.7
134 26.9 13.4 40.1



#90
Hexachloroethane
Concen: 52.298 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion: 117 Resp: 108098
Ion Ratio Lower Upper
117 100
201 82.4 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 56.086 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

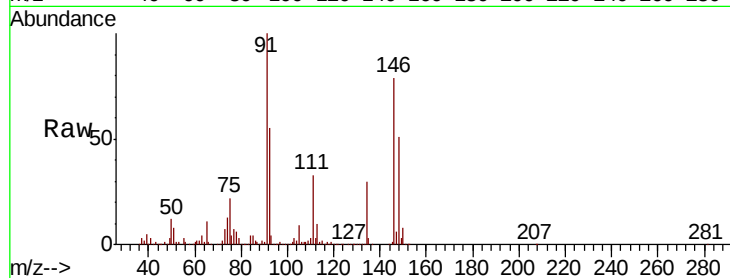
Tot Ion:146 Resp: 330249

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.1

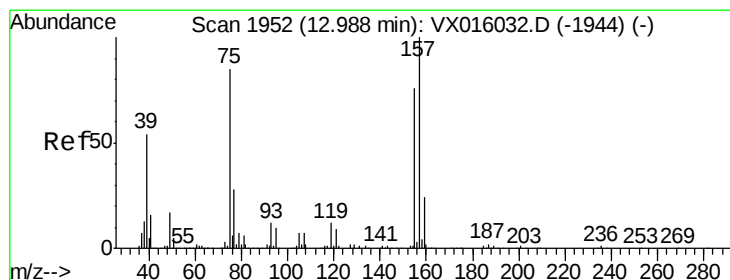
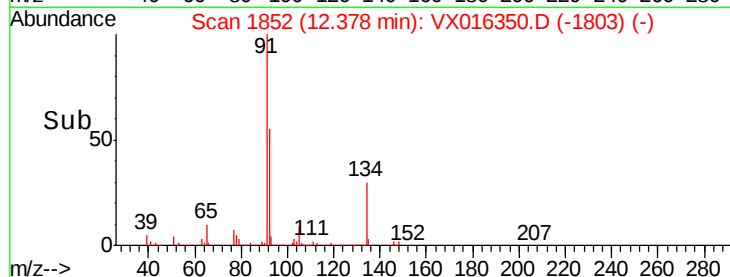
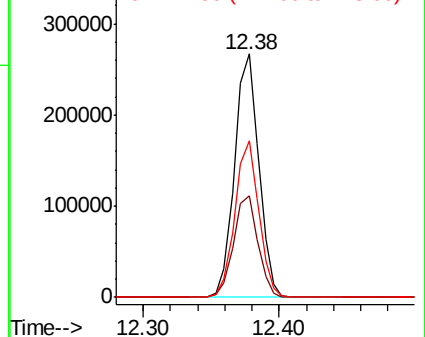
148 63.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.564 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016350.D

Acq: 20 May 2020 10:48

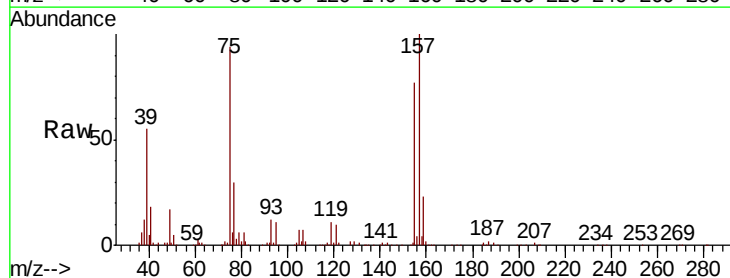
Tgt Ion: 75 Resp: 58114

Ion Ratio Lower Upper

75 100

155 90.5 42.5 127.5

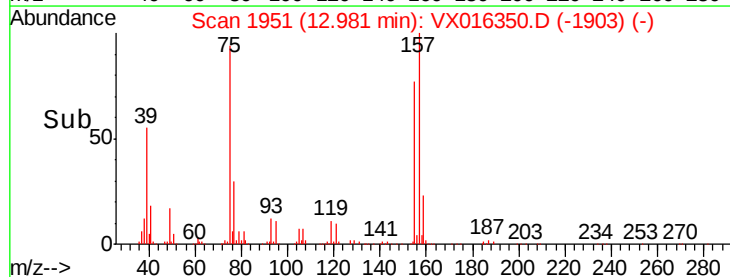
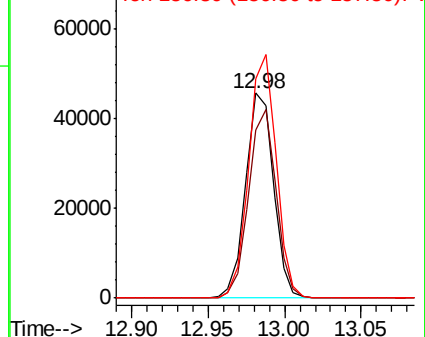
157 116.3 55.3 165.8

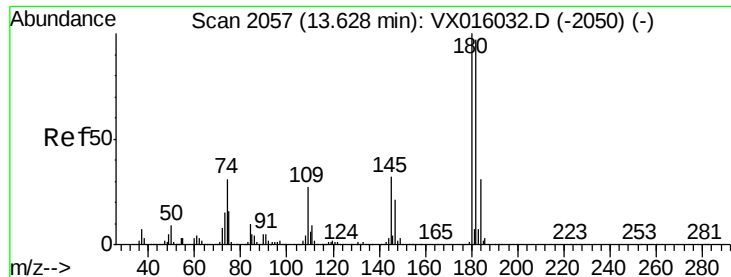


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

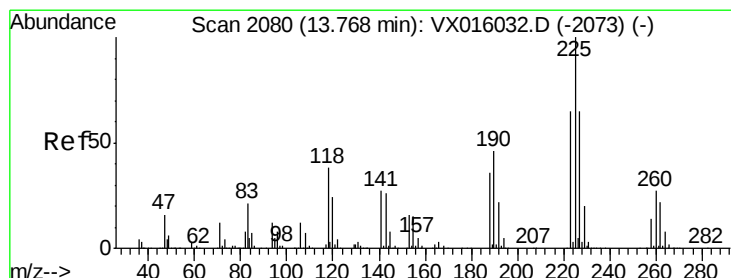
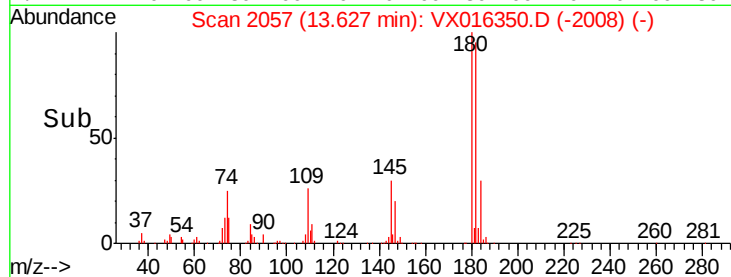
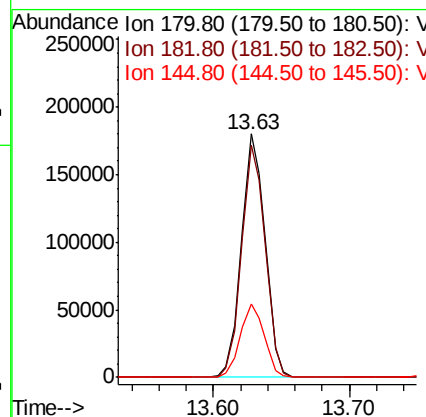
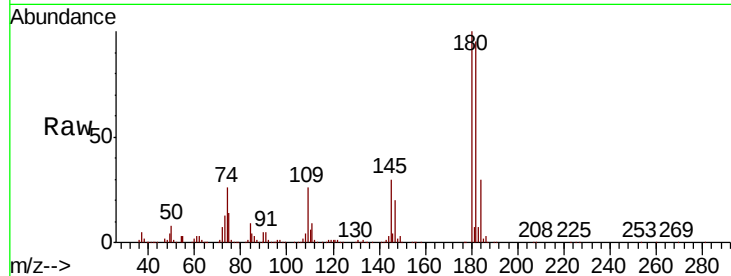




#93
 1,2,4-Trichlorobenzene
 Concen: 49.847 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

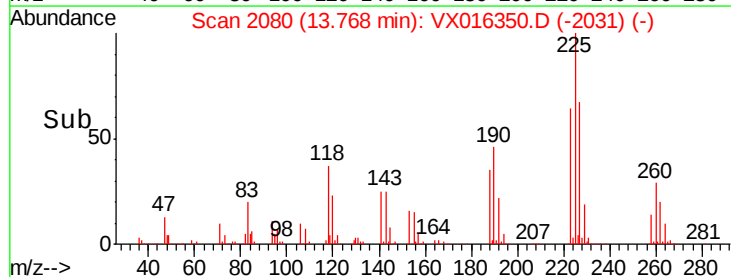
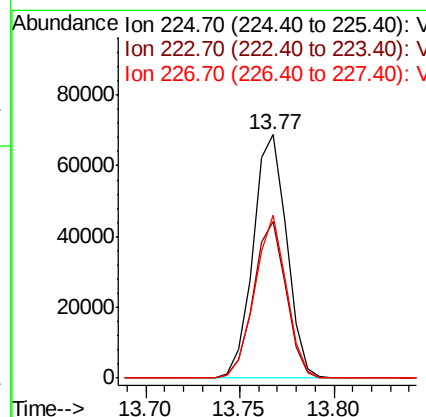
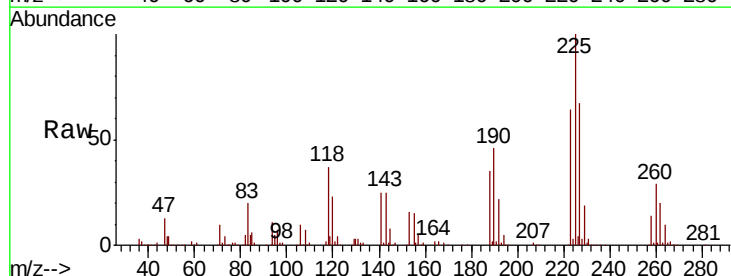
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

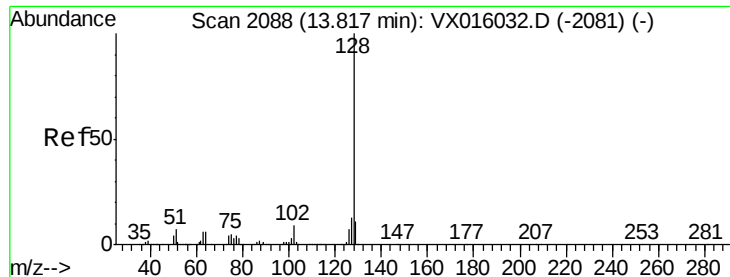
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.7	146.1
145	30.6	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 45.087 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016350.D
 Acq: 20 May 2020 10:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.3	96.9
227	63.4	31.8	95.4

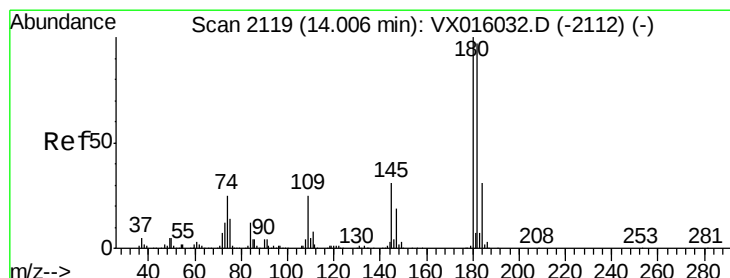
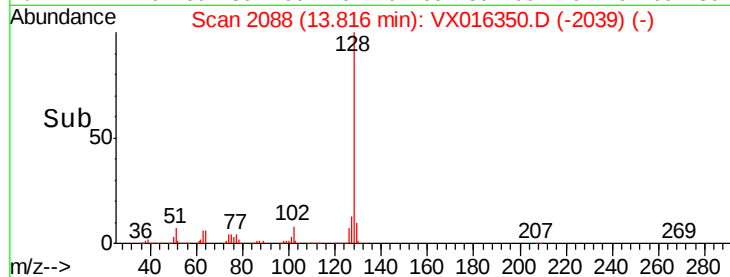
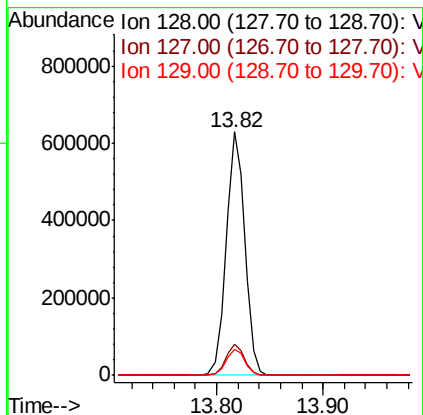
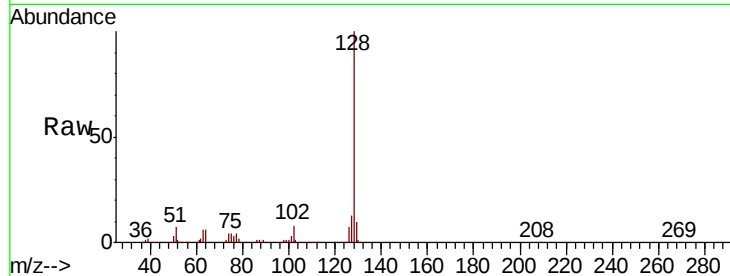




#95
Naphthalene
Concen: 54.416 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 768119
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.534 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016350.D
Acq: 20 May 2020 10:48

Tgt Ion:180 Resp: 211040
Ion Ratio Lower Upper
180 100
182 93.0 48.4 145.0
145 33.2 16.4 49.1

