

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052920\
 Data File : VX016501.D
 Acq On : 29 May 2020 11:05
 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 30 01:40:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	318820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	488380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222136	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	186448	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
35) Dibromofluoromethane	5.46	113	148497	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	8.70	98	592971	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.12	95	220871	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	159907	50.966	ug/l	97
3) Chloromethane	1.31	50	182523	48.139	ug/l	100
4) Vinyl Chloride	1.39	62	198044	49.391	ug/l	99
5) Bromomethane	1.62	94	104373	53.535	ug/l	98
6) Chloroethane	1.71	64	119292	51.001	ug/l	98
7) Trichlorofluoromethane	1.92	101	265622	50.442	ug/l	99
8) Diethyl Ether	2.17	74	107273	48.854	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	148229	51.145	ug/l	99
10) Methyl Iodide	2.49	142	168549	48.758	ug/l	99
11) Tert butyl alcohol	3.01	59	220568	217.245	ug/l	99
12) 1,1-Dichloroethene	2.36	96	150985	49.217	ug/l	97
13) Acrolein	2.27	56	115271	266.897	ug/l	97
14) Allyl chloride	2.70	41	274224	48.606	ug/l	99
15) Acrylonitrile	3.11	53	488301	234.786	ug/l	99
16) Acetone	2.42	43	412050	237.537	ug/l	99
17) Carbon Disulfide	2.55	76	439582	48.252	ug/l	100
18) Methyl Acetate	2.75	43	211140	47.457	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	543441	49.333	ug/l	99
20) Methylene Chloride	2.83	84	168457	46.938	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	166981	49.210	ug/l	95
22) Diisopropyl ether	3.82	45	537955	49.636	ug/l	95
23) Vinyl Acetate	3.78	43	2381555	251.046	ug/l	99
24) 1,1-Dichloroethane	3.67	63	299246	48.919	ug/l	99
25) 2-Butanone	4.63	43	662793	225.491	ug/l	99
26) 2,2-Dichloropropane	4.55	77	274004	54.740	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	189228	48.204	ug/l	99
28) Bromochloromethane	4.98	49	129063	45.403	ug/l	97
29) Tetrahydrofuran	5.08	42	448919	236.404	ug/l	99
30) Chloroform	5.17	83	305209	49.518	ug/l	97
31) Cyclohexane	5.54	56	264652	48.091	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	278223	49.859	ug/l	99
36) 1,1-Dichloropropene	5.76	75	235116	50.846	ug/l	99
37) Ethyl Acetate	4.79	43	264380	47.623	ug/l	99
38) Carbon Tetrachloride	5.75	117	246846	50.798	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	272176	54.192	ug/l	98
40) Benzene	6.11	78	695015	50.473	ug/l	100
41) Methacrylonitrile	5.00	41	143169	46.950	ug/l	99
42) 1,2-Dichloroethane	6.16	62	241753	49.367	ug/l	100
43) Isopropyl Acetate	6.41	43	423648	48.924	ug/l	99
44) Trichloroethene	7.19	130	219341	50.204	ug/l	92
45) 1,2-Dichloropropane	7.49	63	177935	50.758	ug/l	96
46) Dibromomethane	7.63	93	118440	50.302	ug/l	99
47) Bromodichloromethane	7.87	83	249753	51.228	ug/l	98
48) Methyl methacrylate	7.74	41	204225	49.257	ug/l	98
49) 1,4-Dioxane	7.71	88	86915	895.755	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1324679	245.680	ug/l	99
52) Toluene	8.76	92	445464	51.301	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	293782	52.993	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	304983	51.975	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	174496	50.542	ug/l	98
56) Ethyl methacrylate	9.16	69	293841	52.258	ug/l	100
57) 1,3-Dichloropropane	9.35	76	302300	51.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	664571	226.437	ug/l	100
59) 2-Hexanone	9.47	43	1034538	246.728	ug/l	99
60) Dibromochloromethane	9.57	129	199448	51.334	ug/l	100
61) 1,2-Dibromoethane	9.65	107	189361	51.218	ug/l	100
64) Tetrachloroethene	9.32	164	249863	50.280	ug/l	95
65) Chlorobenzene	10.12	112	474299	52.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	180068	52.092	ug/l	98
67) Ethyl Benzene	10.23	91	848182	52.608	ug/l	98
68) m/p-Xylenes	10.34	106	637572	106.655	ug/l	100
69) o-Xylene	10.68	106	305117	52.704	ug/l	99
70) Styrene	10.70	104	535188	53.782	ug/l	100
71) Bromoform	10.84	173	153992	52.711	ug/l #	99
73) Isopropylbenzene	11.00	105	805997	52.367	ug/l	100
74) N-amyl acetate	10.88	43	370667	52.357	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	198440	51.444	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	332868	68.173	ug/l	83
77) Bromobenzene	11.24	156	206625	51.185	ug/l	99
78) n-propylbenzene	11.34	91	910068	52.925	ug/l	100
79) 2-Chlorotoluene	11.40	91	549797	52.381	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	682645	53.118	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	103878	52.333	ug/l	95
82) 4-Chlorotoluene	11.49	91	653335	52.711	ug/l	100
83) tert-Butylbenzene	11.76	119	592526	53.959	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	691455	53.201	ug/l	100
85) sec-Butylbenzene	11.93	105	755455	54.841	ug/l	100
86) p-Isopropyltoluene	12.05	119	714338	55.358	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	364749	52.153	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	367742	51.412	ug/l	98
89) n-Butylbenzene	12.37	91	605125	56.301	ug/l	99
90) Hexachloroethane	12.58	117	118108	52.990	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	340303	50.223	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62474	50.002	ug/l	97

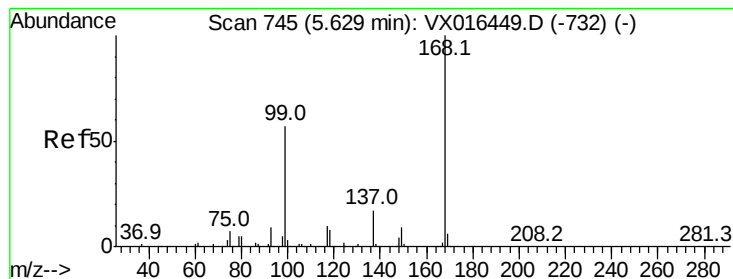
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	239204	53.155	ug/l	99
94) Hexachlorobutadiene	13.77	225	106404	60.222	ug/l	99
95) Naphthalene	13.82	128	822522	53.317	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	245458	55.675	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

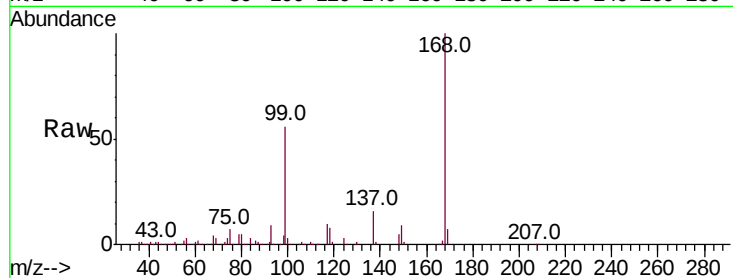
VSTDCCC050

Tot Ion:168 Resp: 318820

Ion Ratio Lower Upper

168 100

99 56.1 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

60000

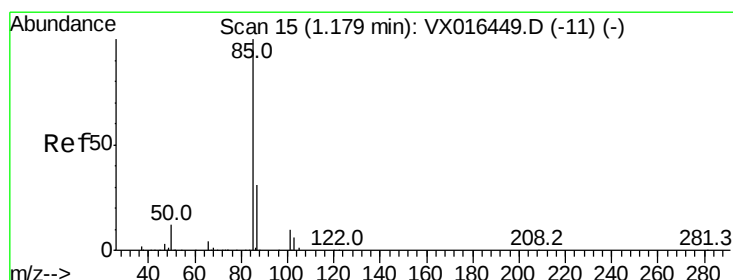
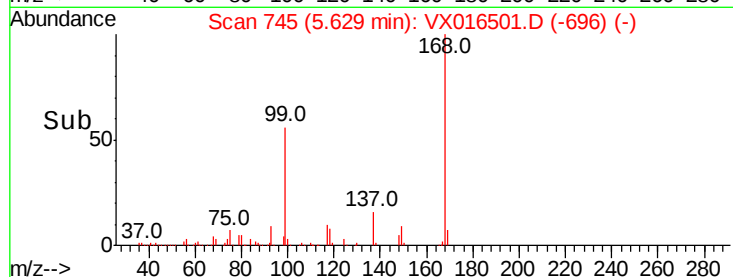
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.966 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016501.D

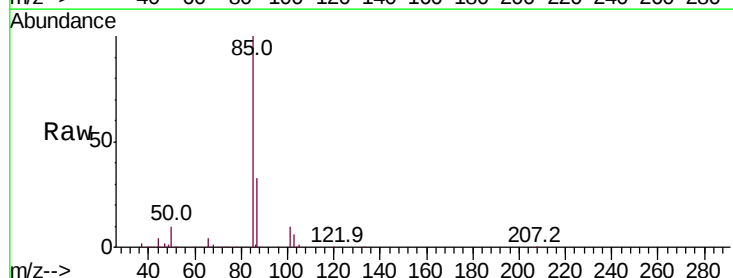
Acq: 29 May 2020 11:05

Tgt Ion: 85 Resp: 159907

Ion Ratio Lower Upper

85 100

87 32.7 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

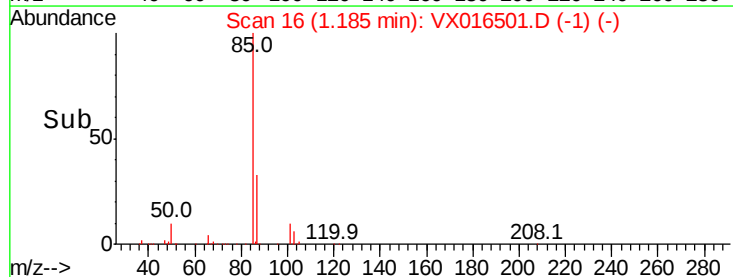
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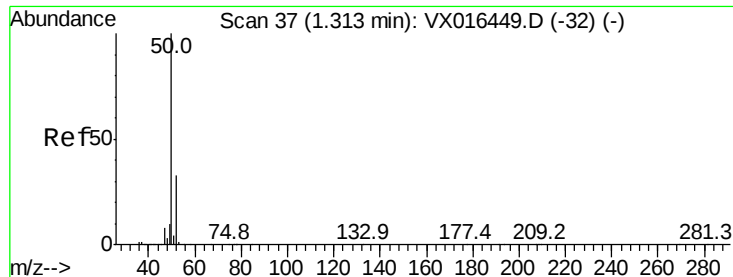
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1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 48.139 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

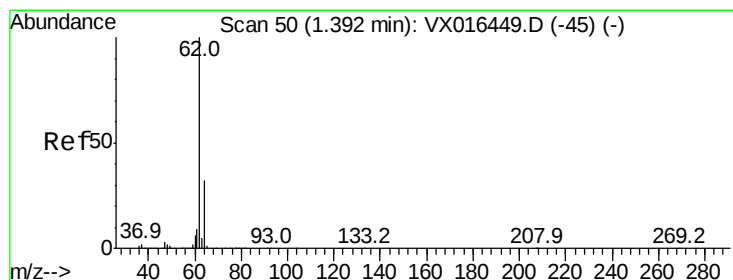
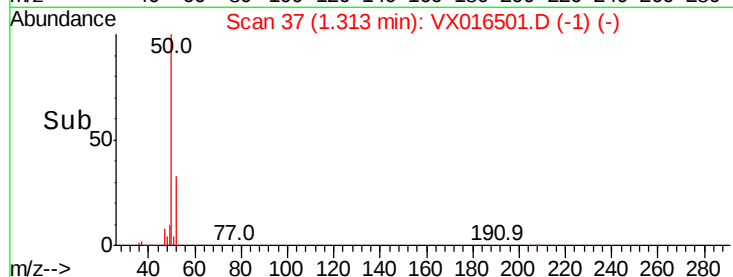
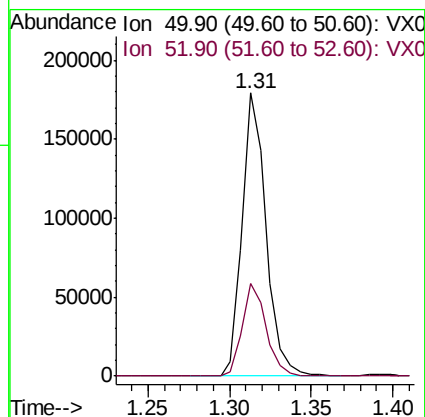
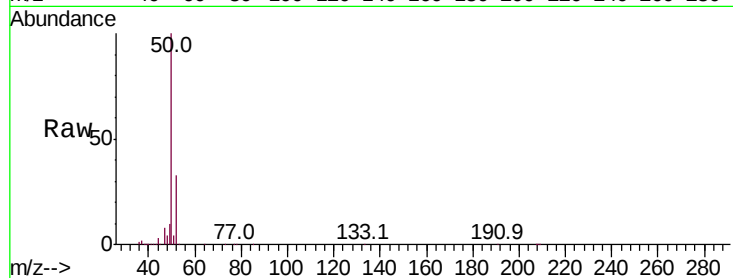
VSTDCCC050

Tot Ion: 50 Resp: 182523

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 49.391 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016501.D

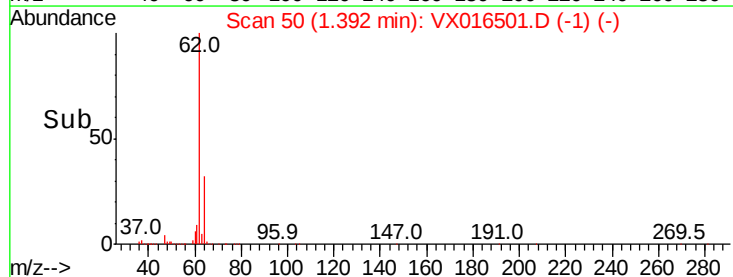
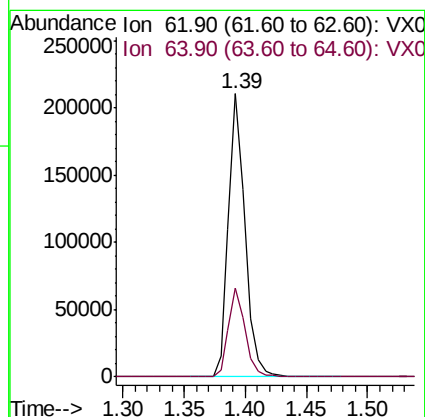
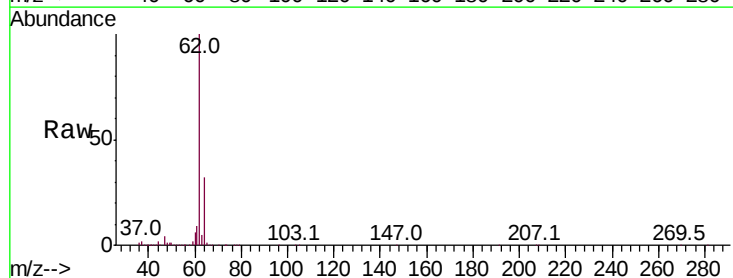
Acq: 29 May 2020 11:05

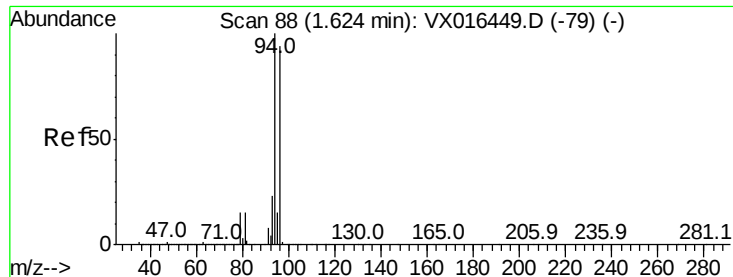
Tgt Ion: 62 Resp: 198044

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 53.535 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

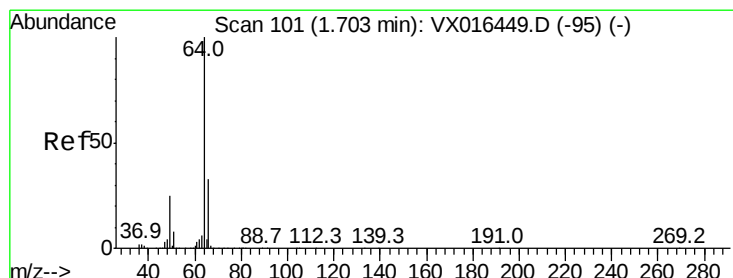
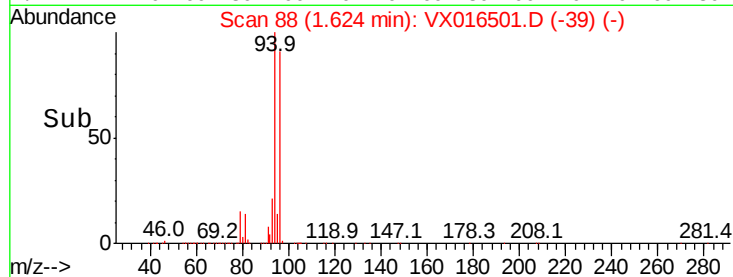
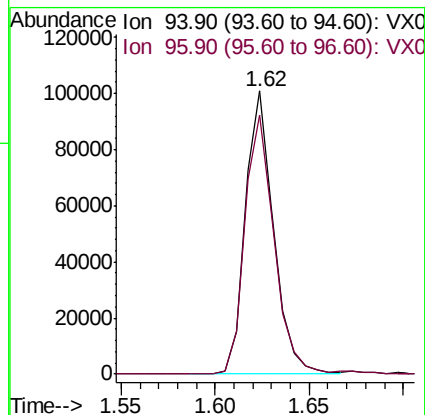
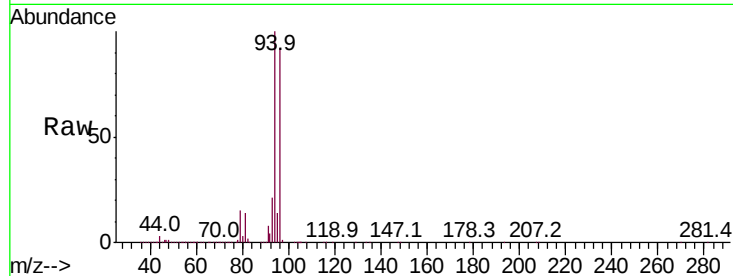
VSTDCCC050

Tot Ion: 94 Resp: 104373

Ion Ratio Lower Upper

94 100

96 91.6 75.1 112.7



#6

Chloroethane

Concen: 51.001 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016501.D

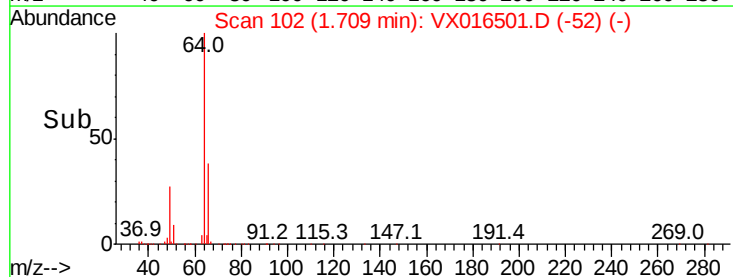
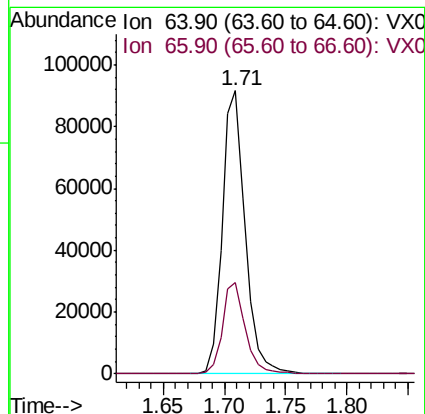
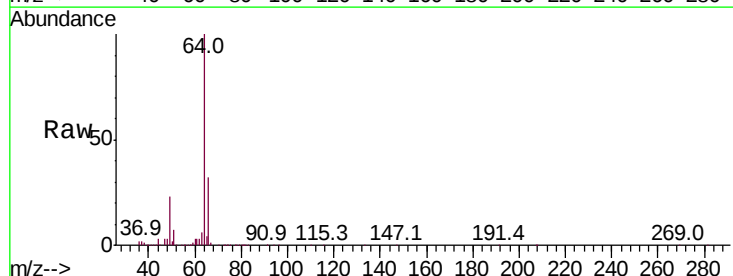
Acq: 29 May 2020 11:05

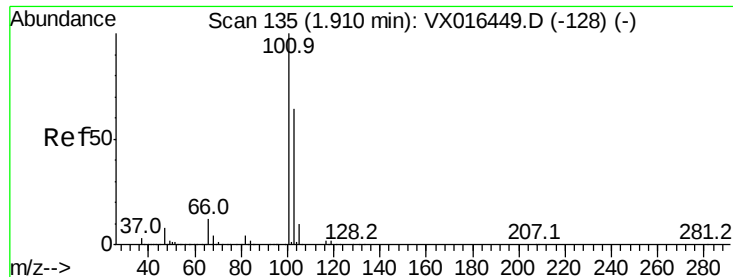
Tgt Ion: 64 Resp: 119292

Ion Ratio Lower Upper

64 100

66 32.3 26.7 40.1



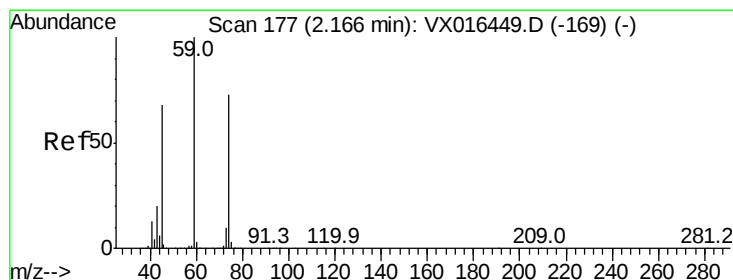
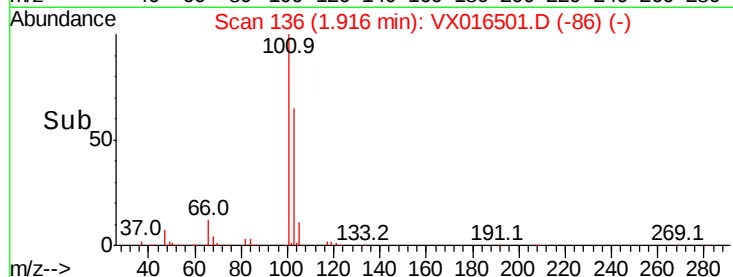
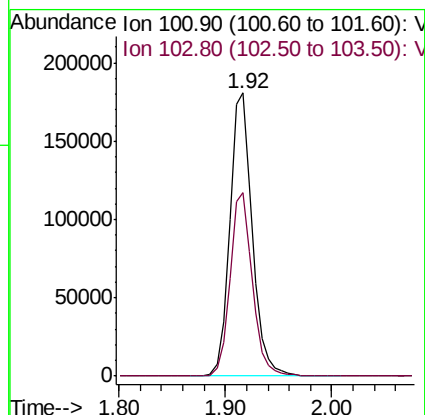
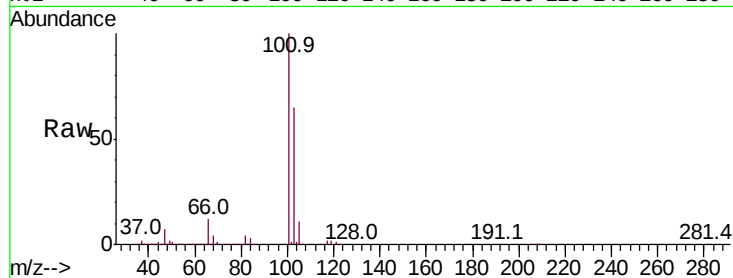


#7

Trichlorofluoromethane
Concen: 50.442 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

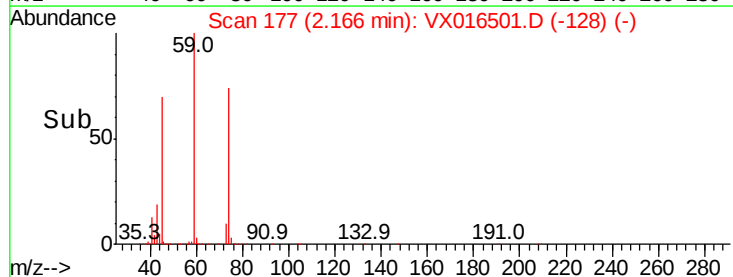
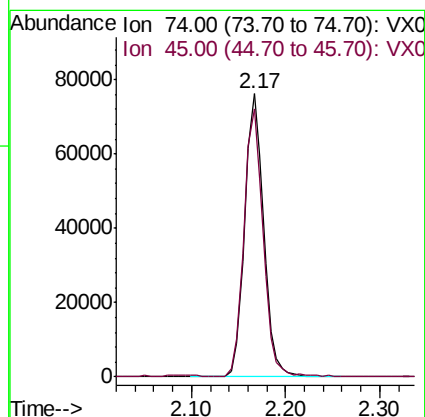
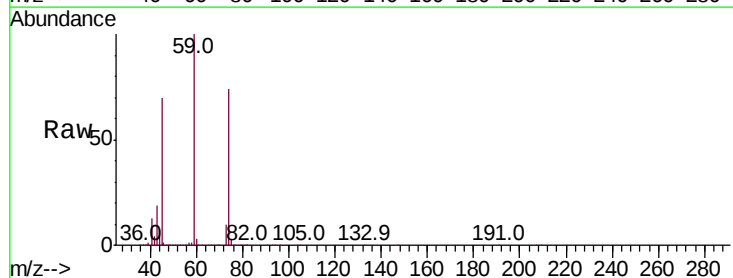
Tot Ion:101 Resp: 265622
Ion Ratio Lower Upper
101 100
103 64.7 50.9 76.3

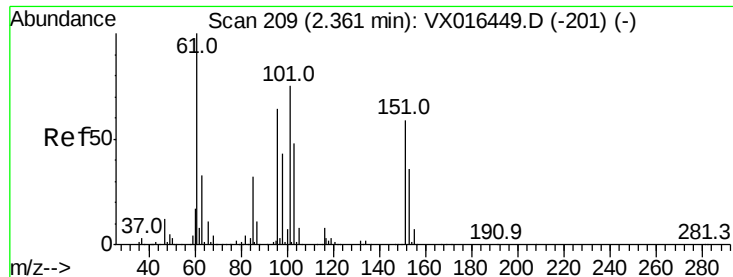


#8

Diethyl Ether
Concen: 48.854 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion: 74 Resp: 107273
Ion Ratio Lower Upper
74 100
45 95.1 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.145 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

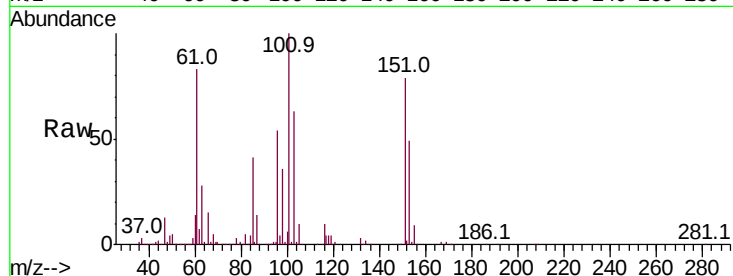
Tot Ion:101 Resp: 148229

Ion Ratio Lower Upper

101 100

85 42.3 34.4 51.6

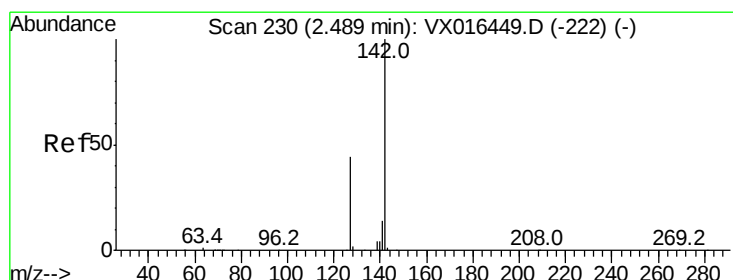
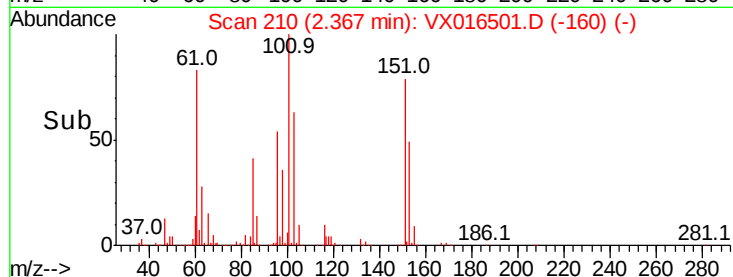
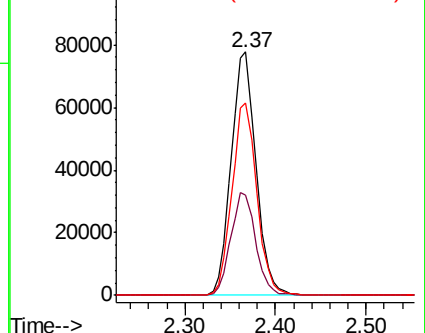
151 79.1 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.758 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

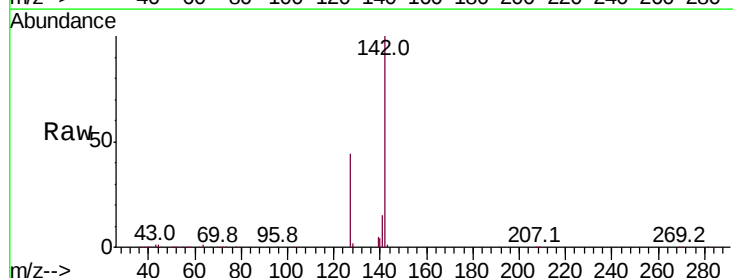
Tgt Ion:142 Resp: 168549

Ion Ratio Lower Upper

142 100

127 43.8 35.3 52.9

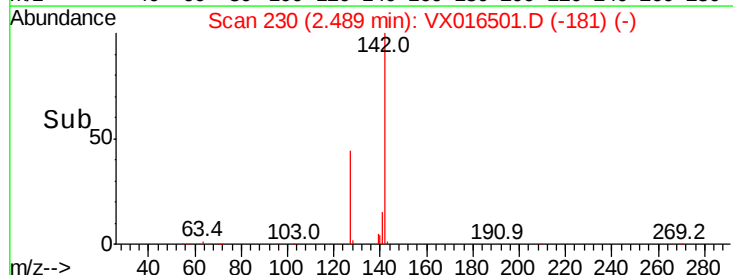
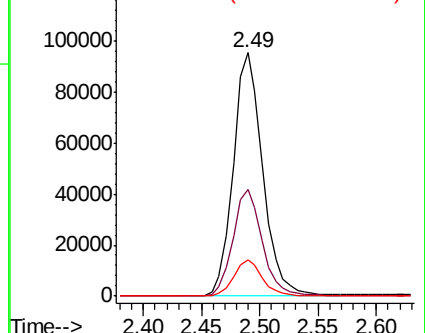
141 14.5 11.4 17.2

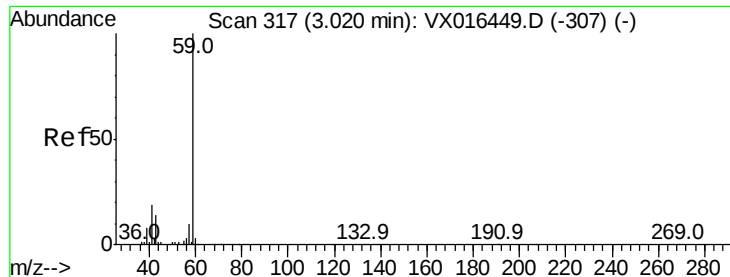


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



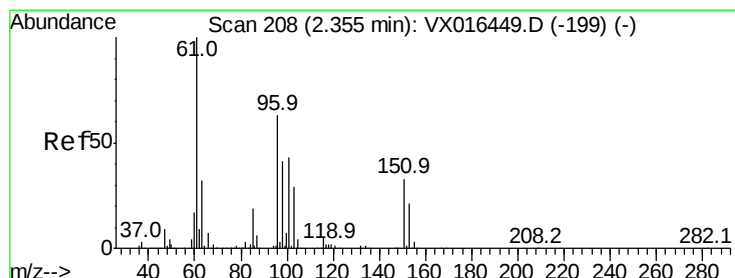
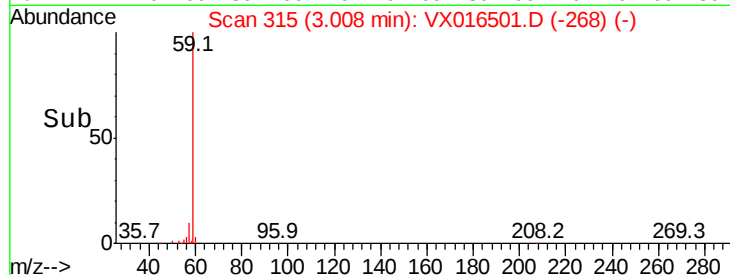
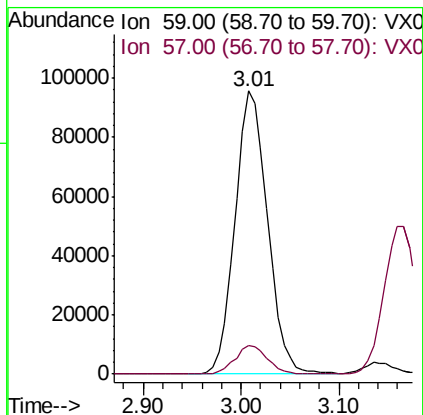
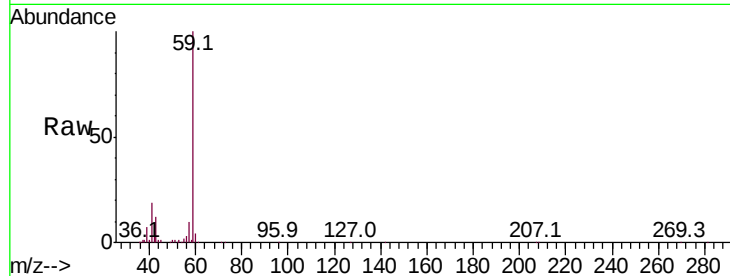


#11

Tert butyl alcohol
 Concen: 217.245 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

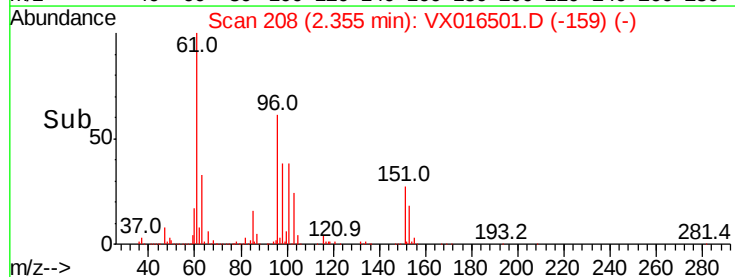
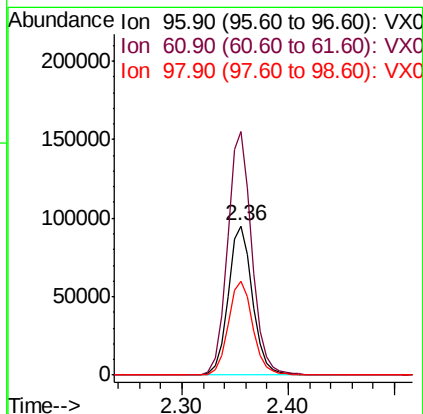
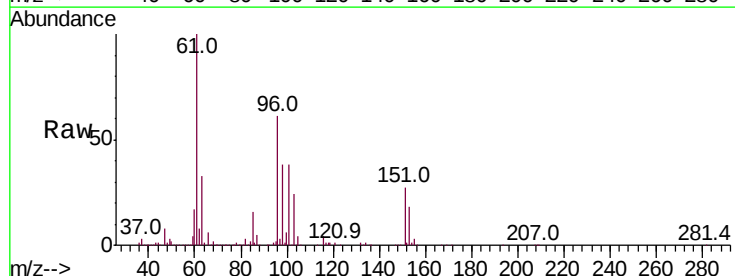
Tot Ion: 59 Resp: 220568
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

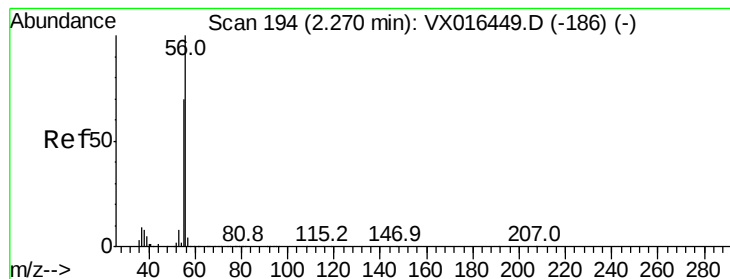


#12

1,1-Dichloroethene
 Concen: 49.217 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion: 96 Resp: 150985
 Ion Ratio Lower Upper
 96 100
 61 163.6 126.6 189.8
 98 62.9 51.3 76.9





#13

Acrolein

Concen: 266.897 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

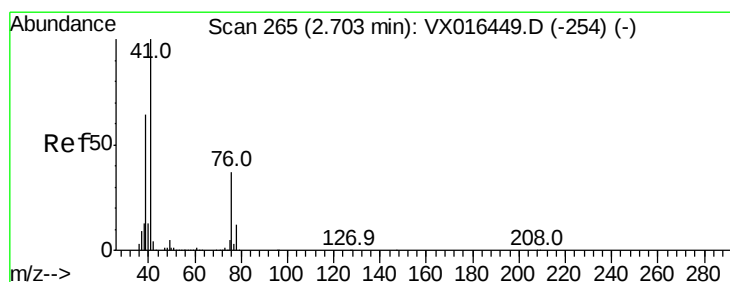
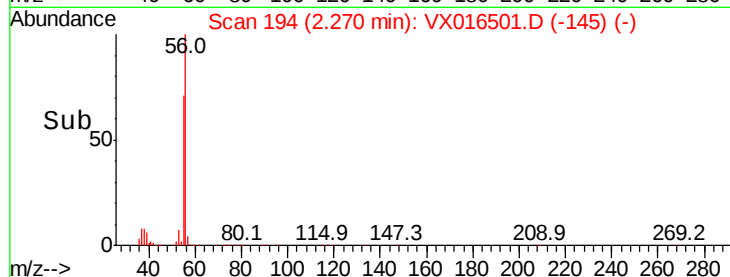
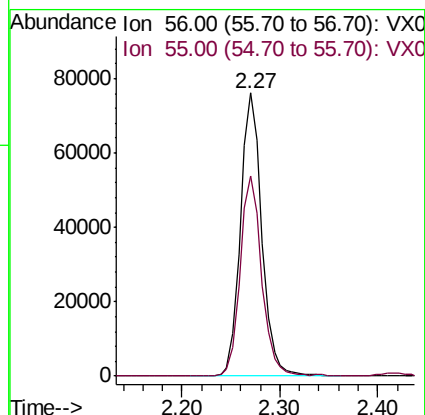
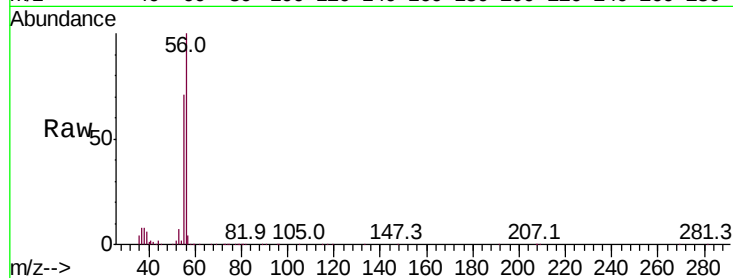
VSTDCCC050

Tot Ion: 56 Resp: 115271

Ion Ratio Lower Upper

56 100

55 70.7 58.3 87.5



#14

Allyl chloride

Concen: 48.606 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

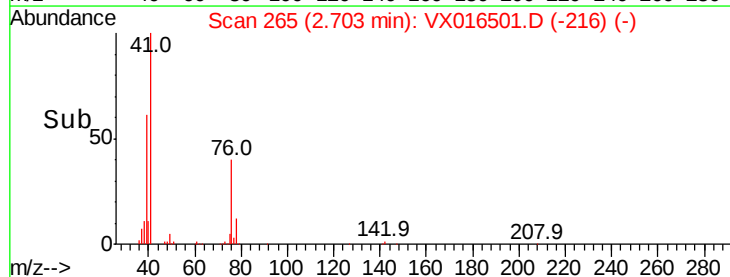
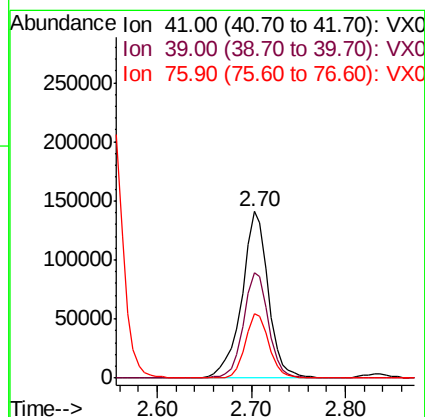
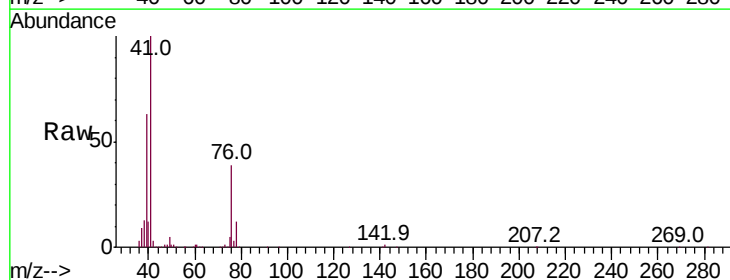
Tgt Ion: 41 Resp: 274224

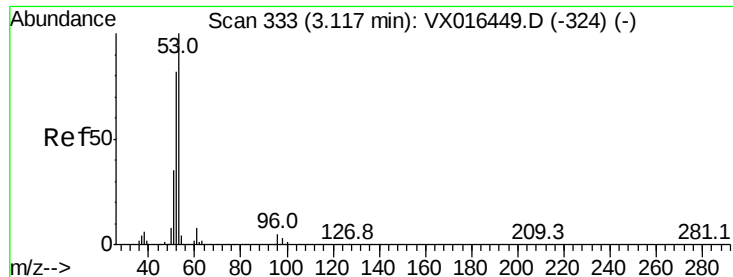
Ion Ratio Lower Upper

41 100

39 60.2 47.7 71.5

76 34.8 26.6 40.0





#15

Acrylonitrile

Concen: 234.786 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

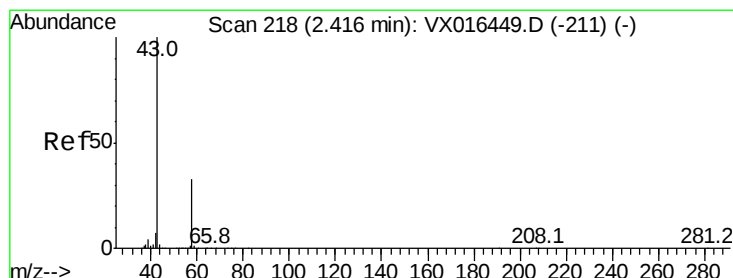
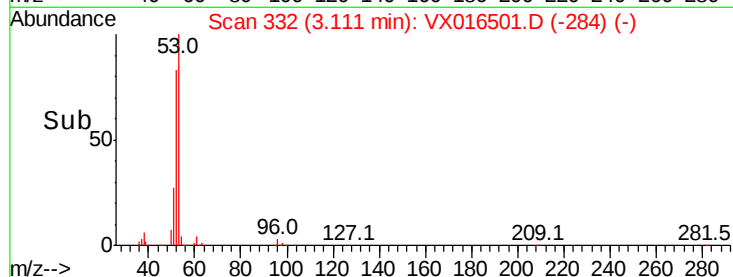
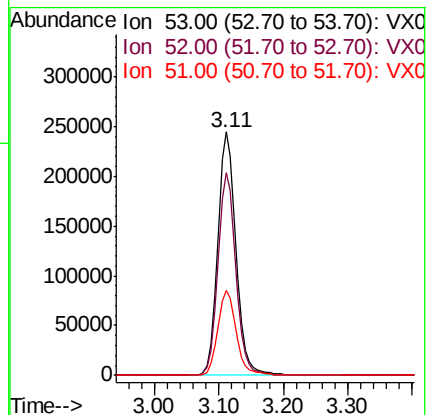
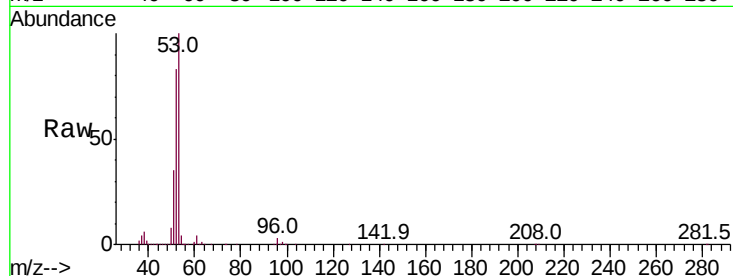
Tot Ion: 53 Resp: 488301

Ion Ratio Lower Upper

53 100

52 82.0 66.7 100.1

51 35.6 28.6 43.0



#16

Acetone

Concen: 237.537 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016501.D

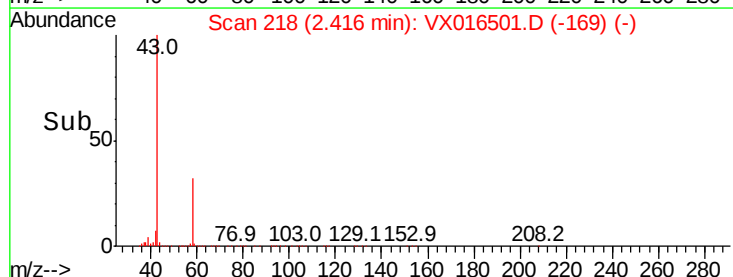
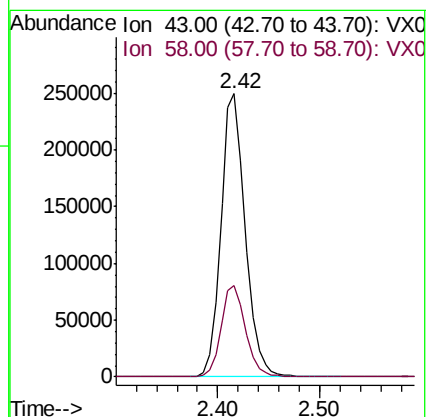
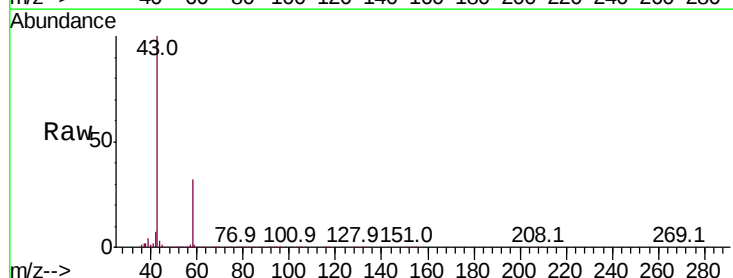
Acq: 29 May 2020 11:05

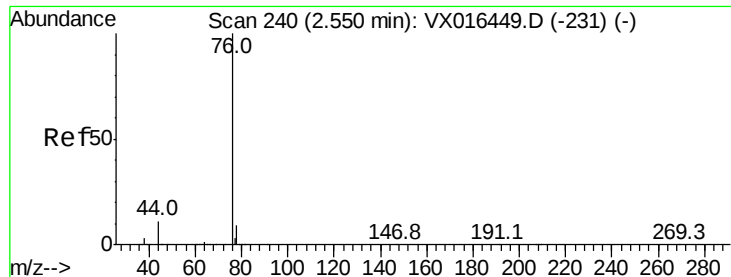
Tgt Ion: 43 Resp: 412050

Ion Ratio Lower Upper

43 100

58 32.3 26.1 39.1





#17

Carbon Disulfide

Concen: 48.252 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

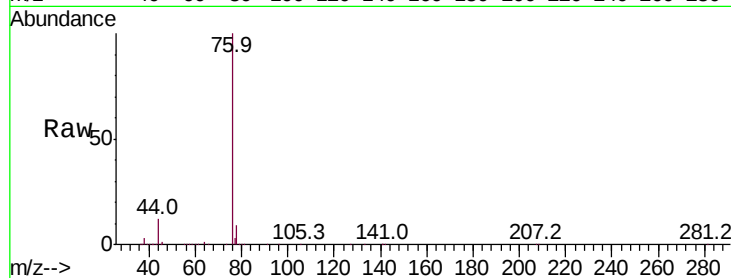
VSTDCCC050

Tot Ion: 76 Resp: 439582

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

300000

250000

200000

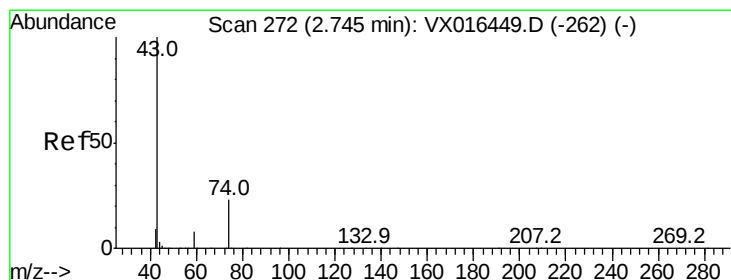
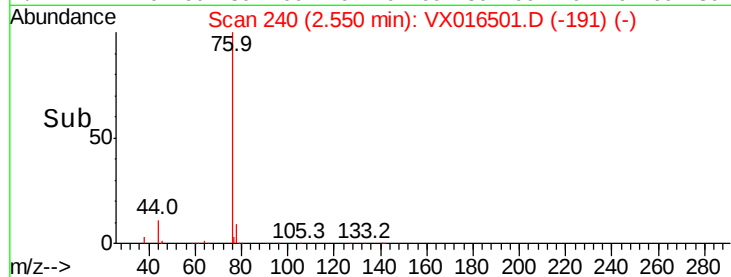
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.457 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016501.D

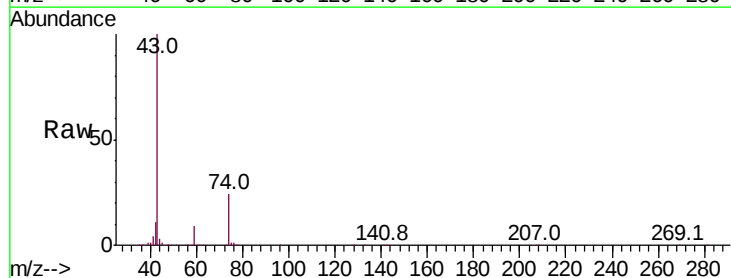
Acq: 29 May 2020 11:05

Tgt Ion: 43 Resp: 211140

Ion Ratio Lower Upper

43 100

74 24.8 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

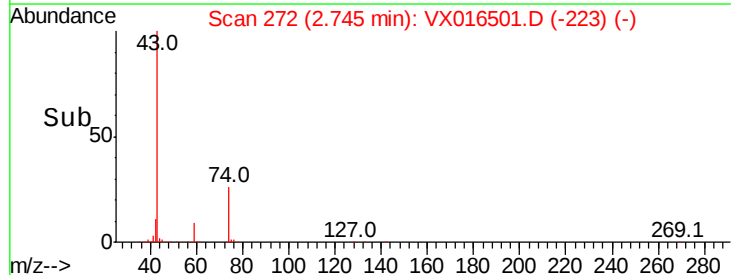
2.75

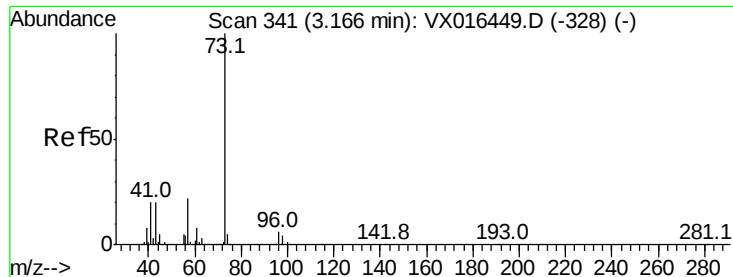
100000

50000

0

Time-->



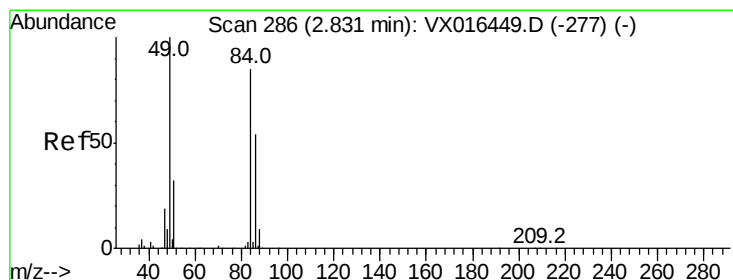
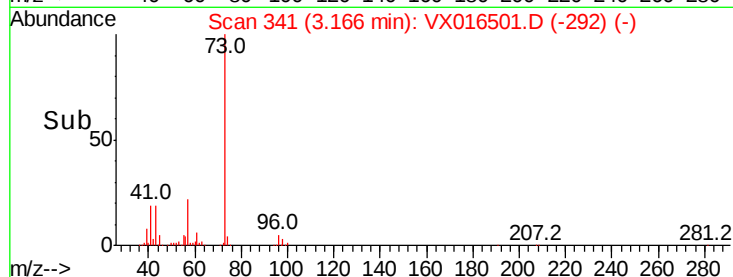
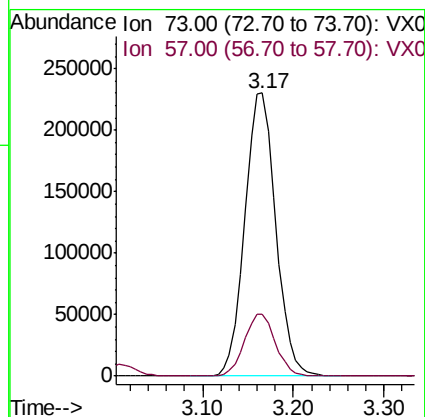
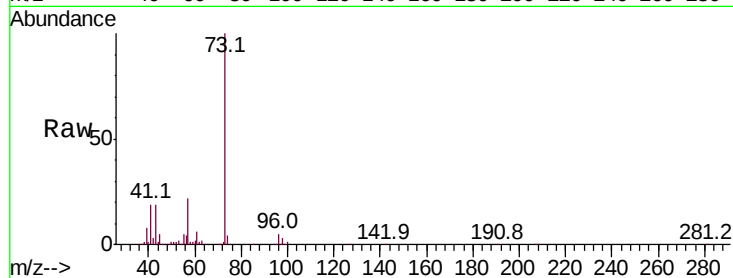


#19

Methyl tert-butyl Ether
 Concen: 49.333 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

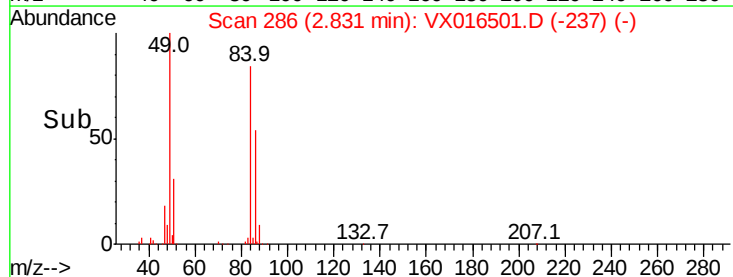
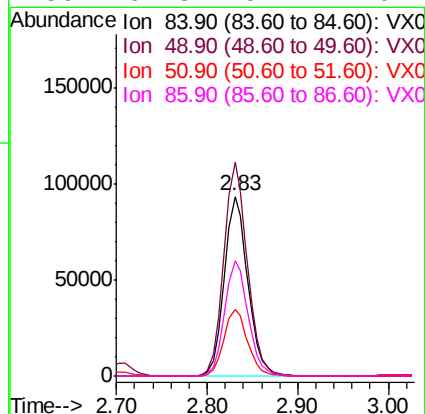
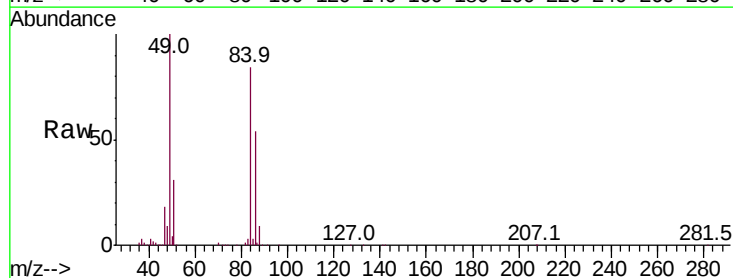
Tot Ion: 73 Resp: 543441
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.8 26.6

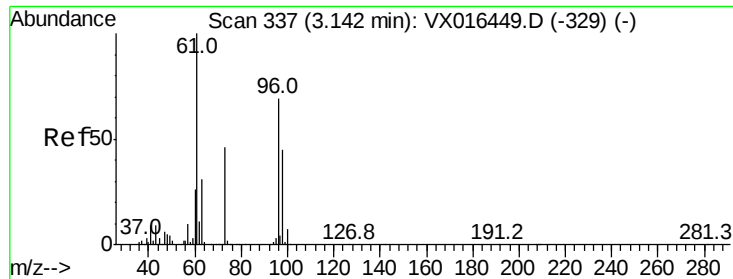


#20

Methylene Chloride
 Concen: 46.938 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion: 84 Resp: 168457
 Ion Ratio Lower Upper
 84 100
 49 118.8 94.5 141.7
 51 36.9 30.2 45.4
 86 64.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.210 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

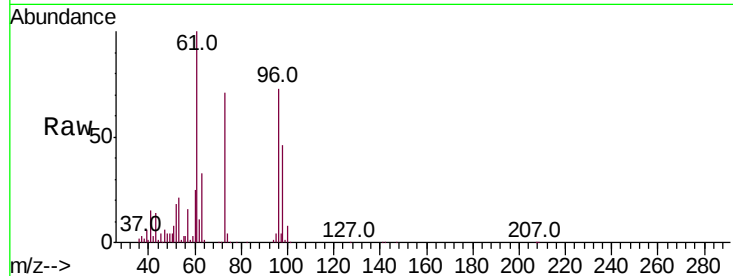
Tot Ion: 96 Resp: 166981

Ion Ratio Lower Upper

96 100

61 137.2 115.3 172.9

98 63.1 51.9 77.9

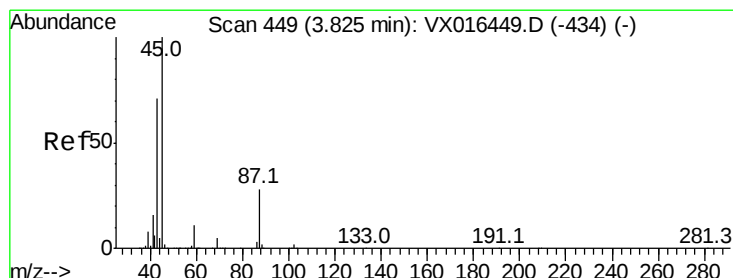
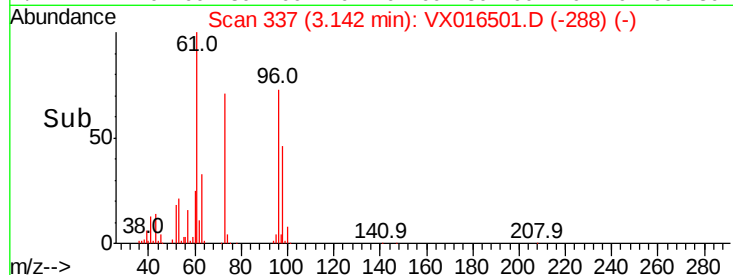
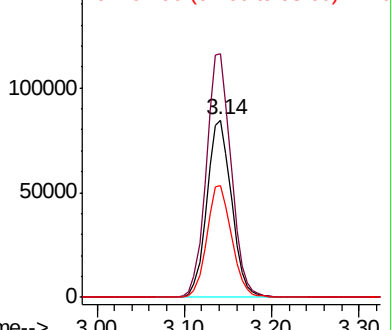


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.636 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion: 45 Resp: 537955

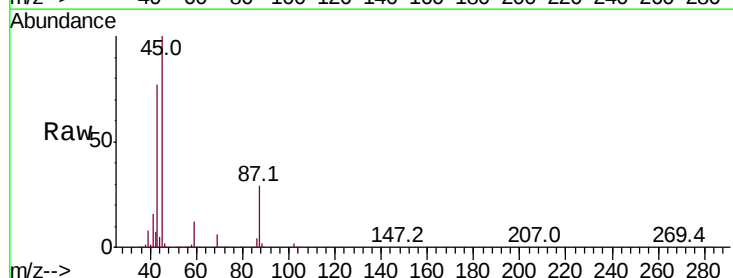
Ion Ratio Lower Upper

45 100

43 77.2 57.0 85.6

87 29.2 22.5 33.7

59 12.2 9.1 13.7



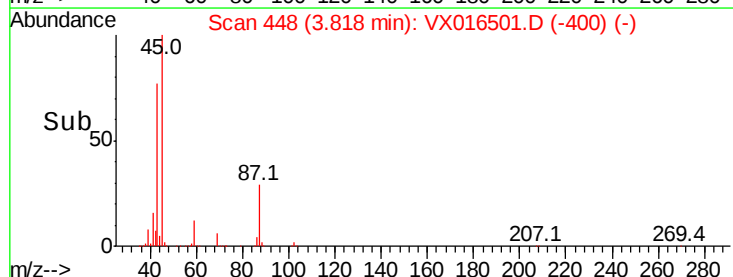
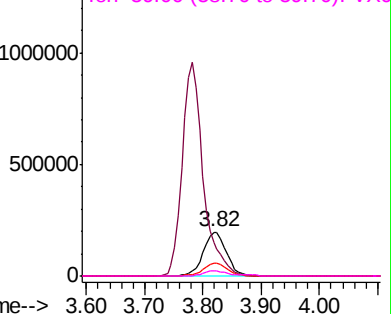
Abundance

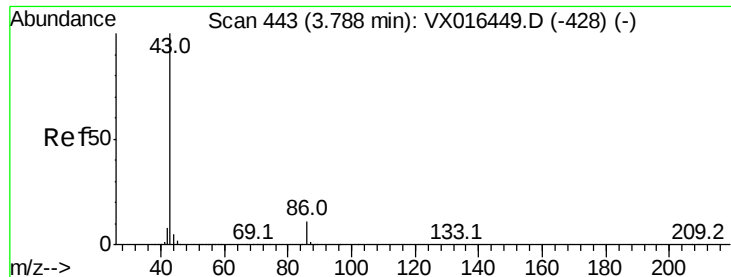
Ion 45.00 (44.70 to 45.70): VX0

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: 251.046 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

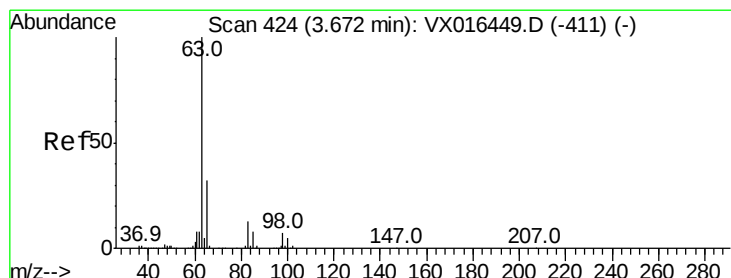
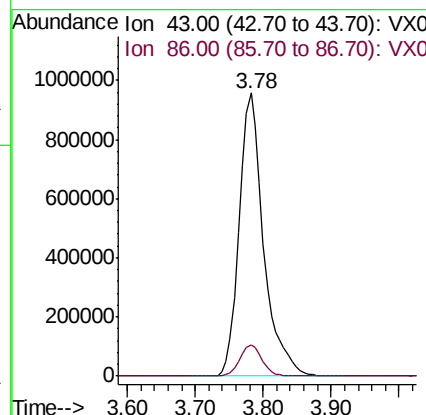
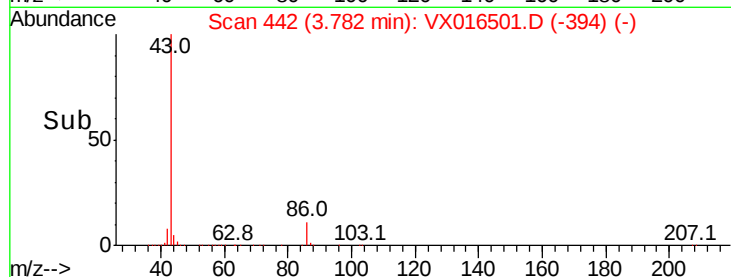
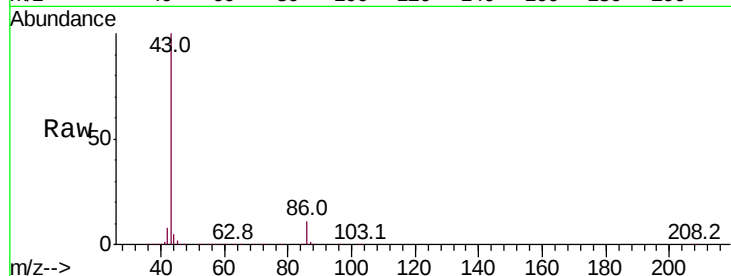
VSTDCCC050

Tot Ion: 43 Resp: 2381555

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



#24

1,1-Dichloroethane

Concen: 48.919 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

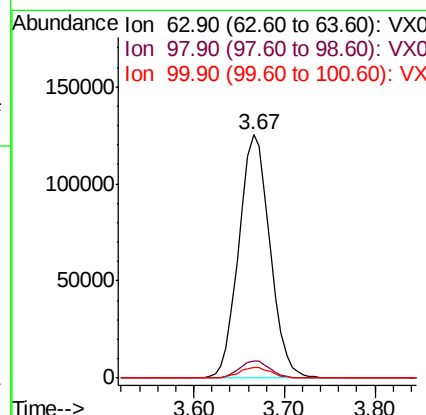
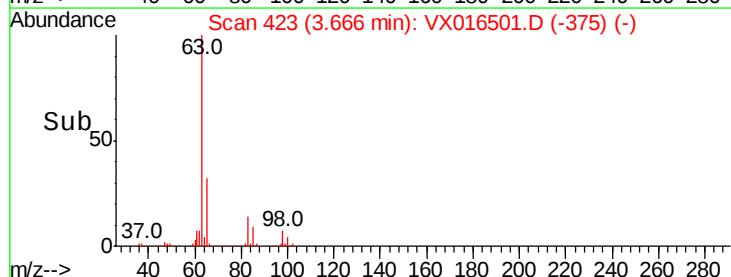
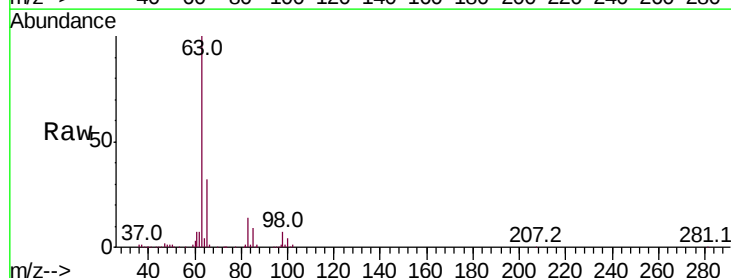
Tgt Ion: 63 Resp: 299246

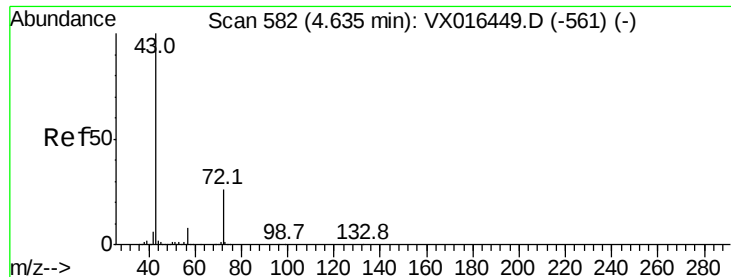
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

100 4.1 2.4 7.1





#25

2-Butanone

Concen: 225.491 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

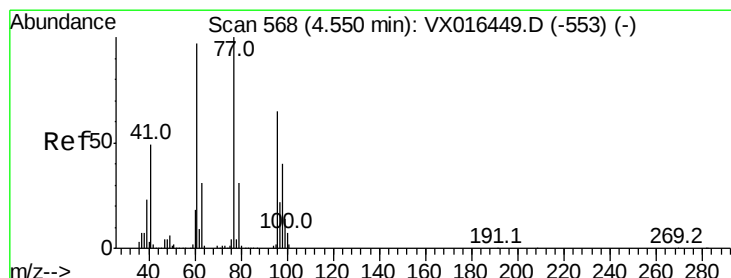
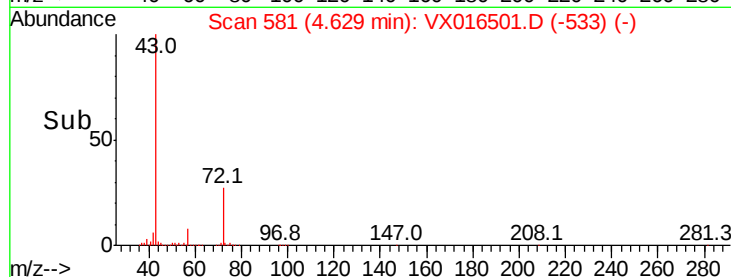
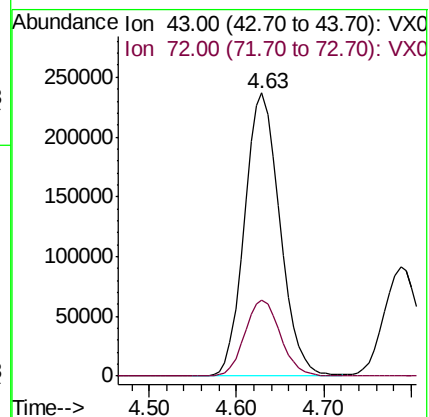
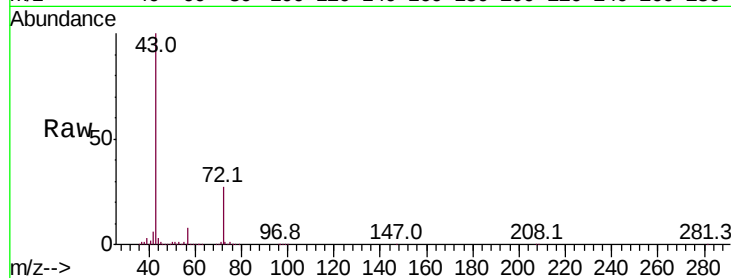
VSTDCCC050

Tot Ion: 43 Resp: 662793

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 54.740 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016501.D

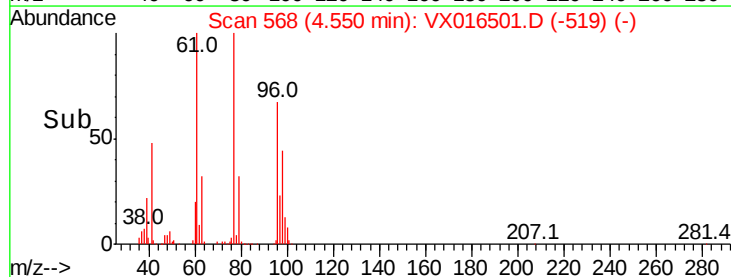
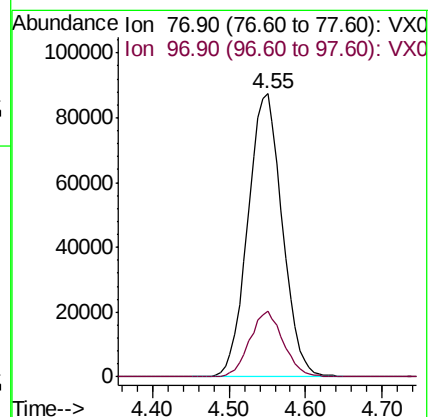
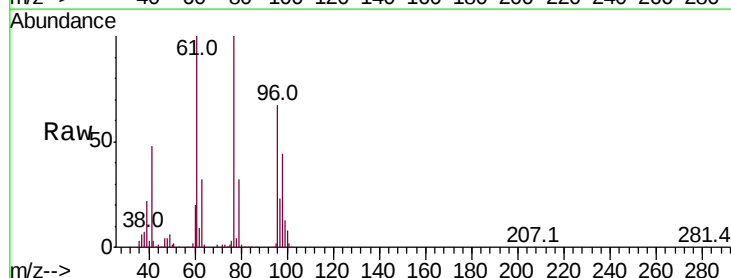
Acq: 29 May 2020 11:05

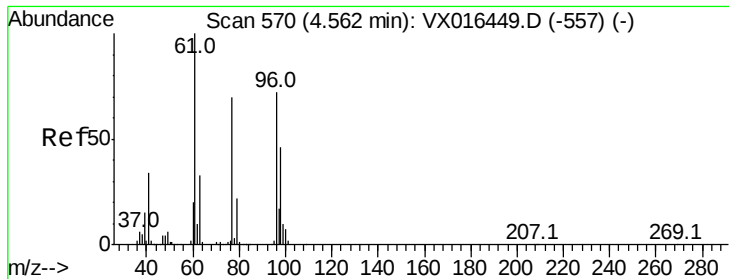
Tgt Ion: 77 Resp: 274004

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 48.204 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

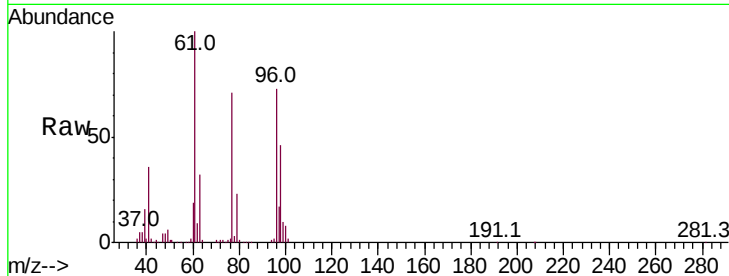
Tot Ion: 96 Resp: 189228

Ion Ratio Lower Upper

96 100

61 144.4 0.0 284.6

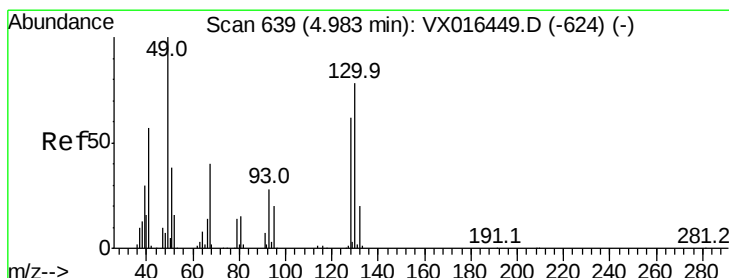
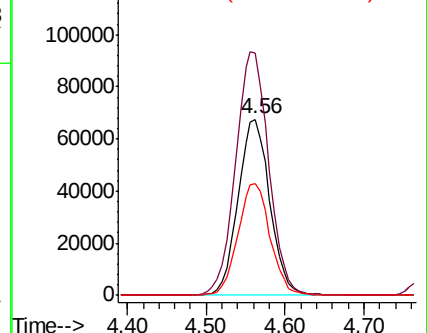
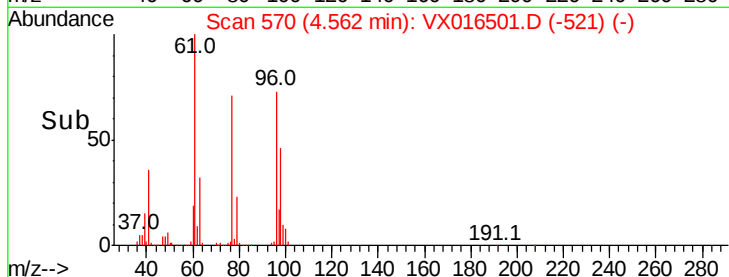
98 64.3 0.0 127.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 45.403 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

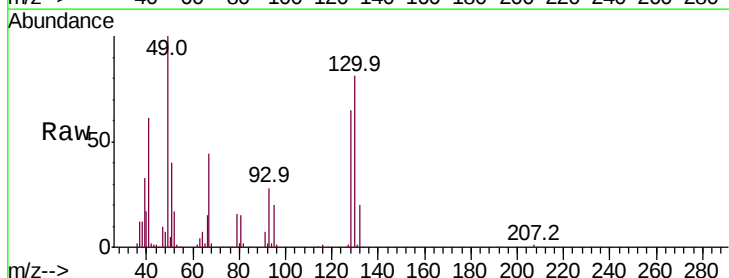
Tgt Ion: 49 Resp: 129063

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.0

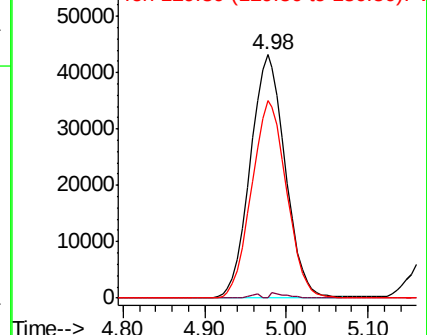
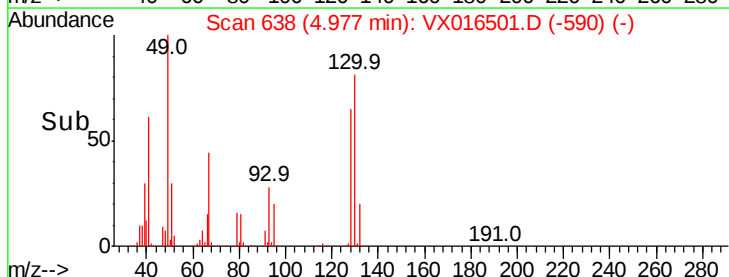
130 81.3 63.0 94.4

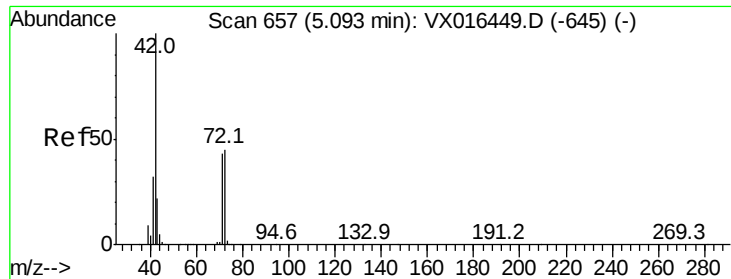


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 236.404 ug/l

RT: 5.08 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

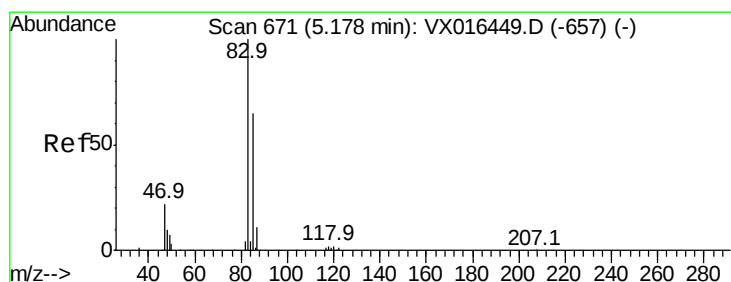
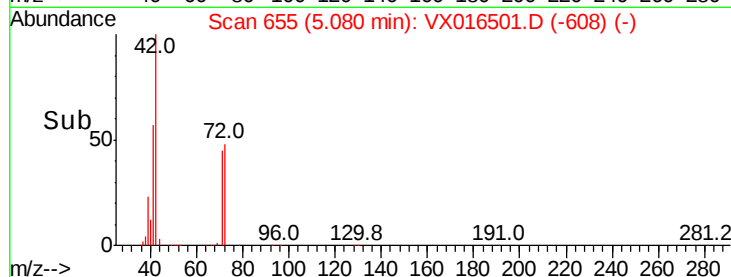
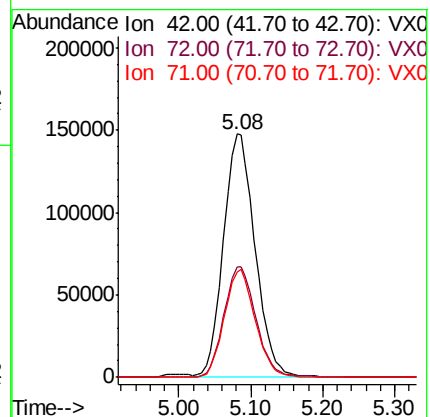
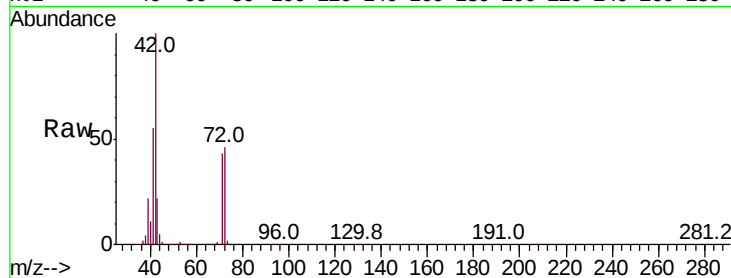
Tot Ion: 42 Resp: 448919

Ion Ratio Lower Upper

42 100

72 46.5 37.0 55.4

71 43.6 34.1 51.1



#30

Chloroform

Concen: 49.518 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016501.D

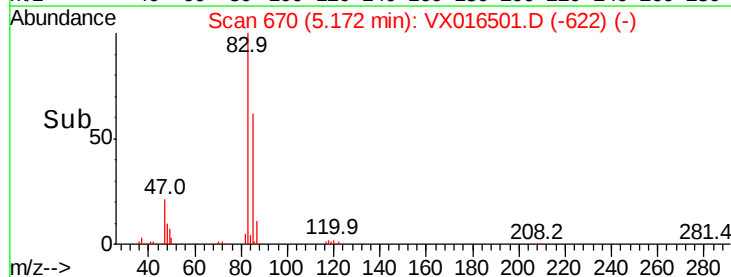
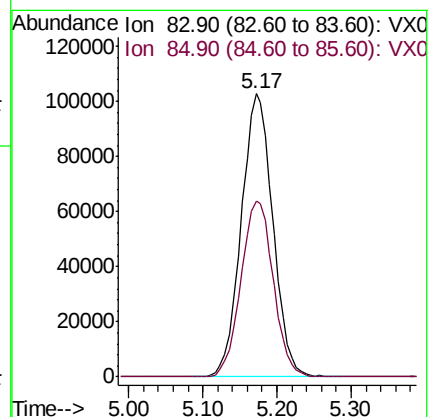
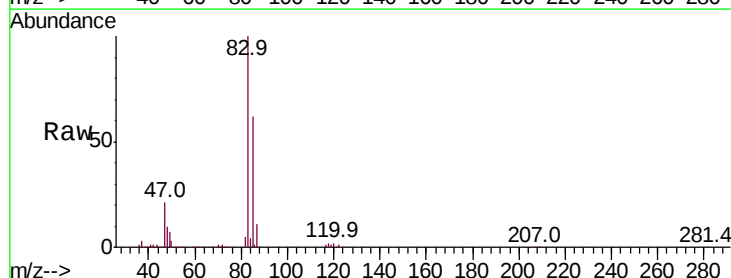
Acq: 29 May 2020 11:05

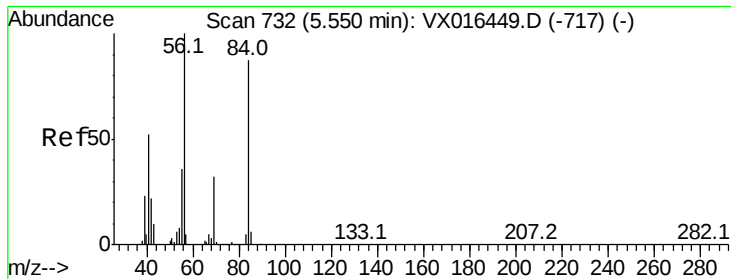
Tgt Ion: 83 Resp: 305209

Ion Ratio Lower Upper

83 100

85 62.3 52.0 78.0

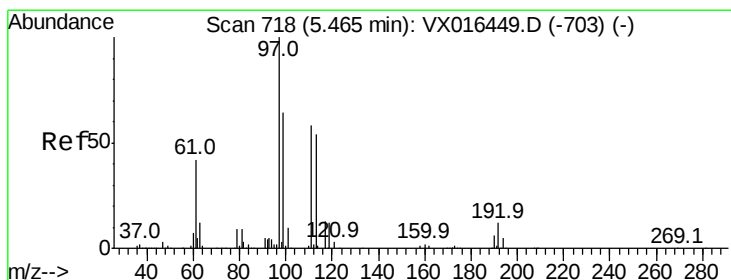
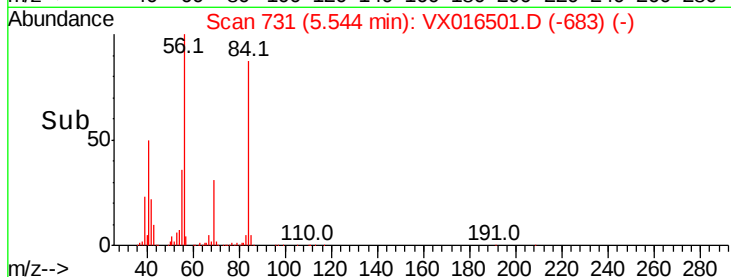
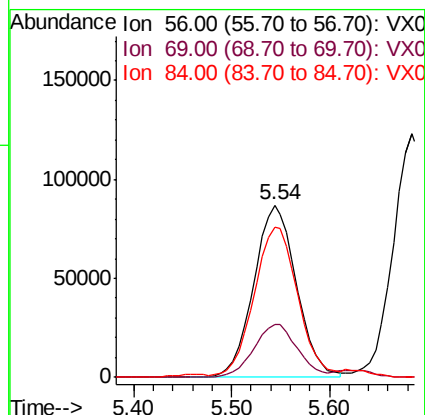
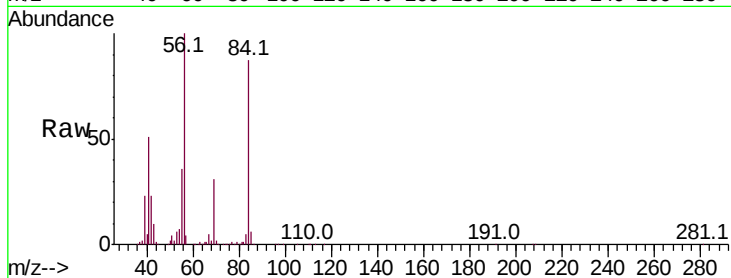




#31
Cyclohexane
Concen: 48.091 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

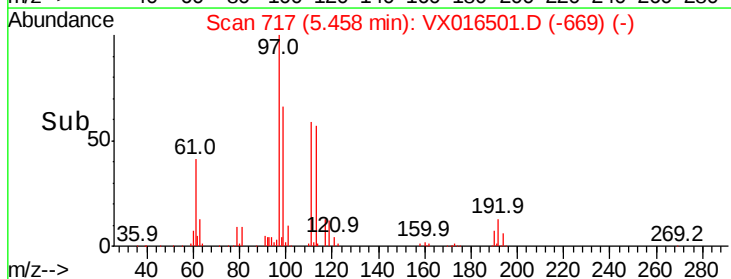
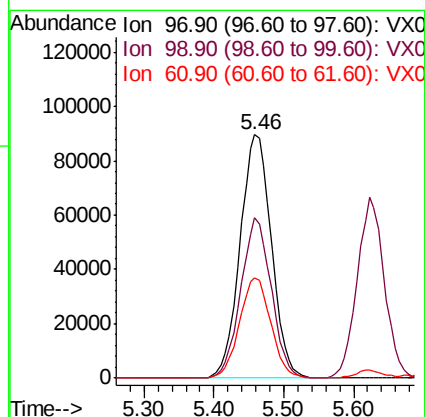
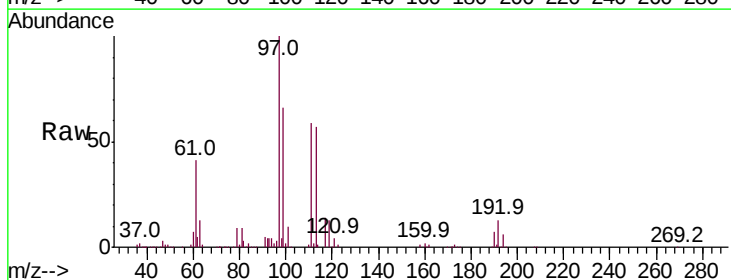
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

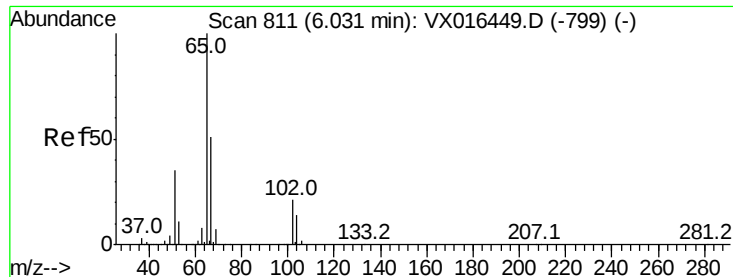
Tot Ion: 56 Resp: 264652
Ion Ratio Lower Upper
56 100
69 30.7 25.7 38.5
84 85.2 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.859 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion: 97 Resp: 278223
Ion Ratio Lower Upper
97 100
99 64.2 51.4 77.2
61 41.2 33.5 50.3

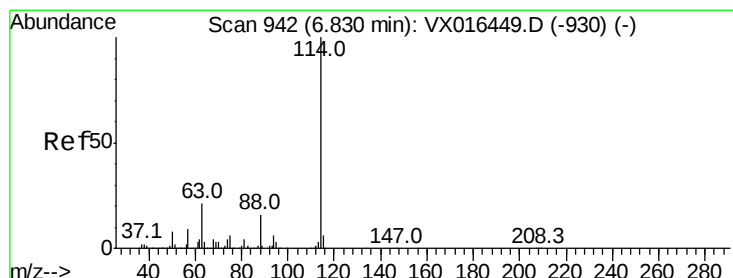
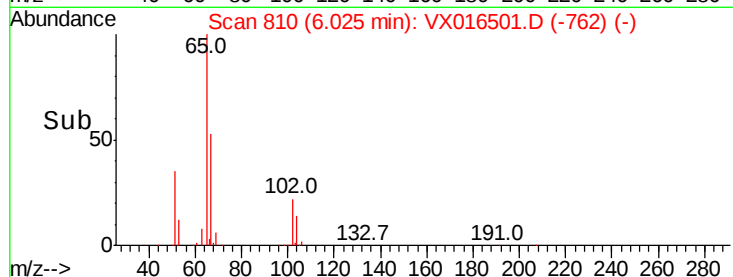
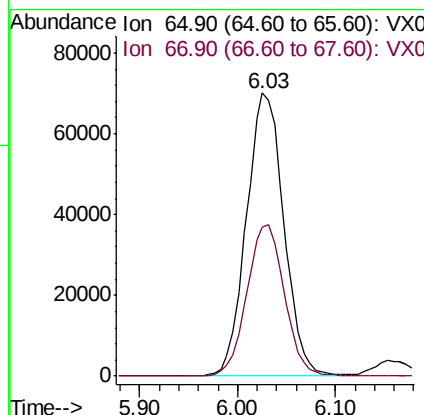
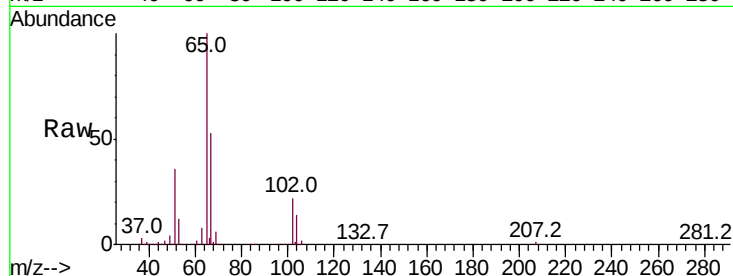




#33
 1,2-Dichloroethane-d4
 Concen: 47.091 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

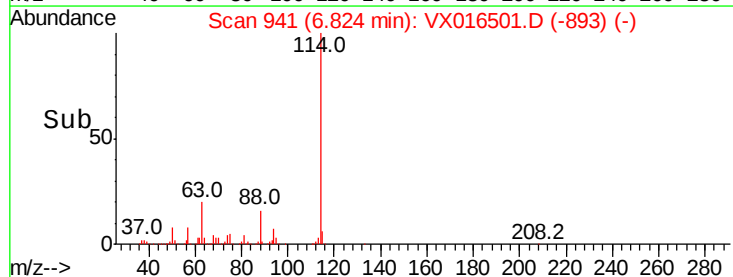
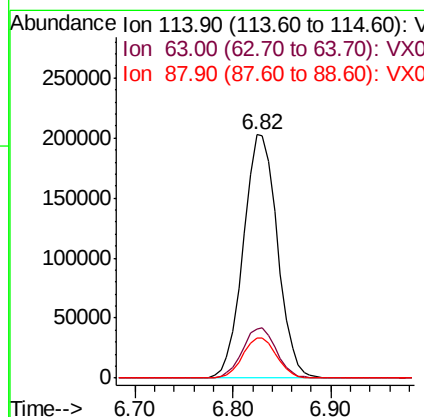
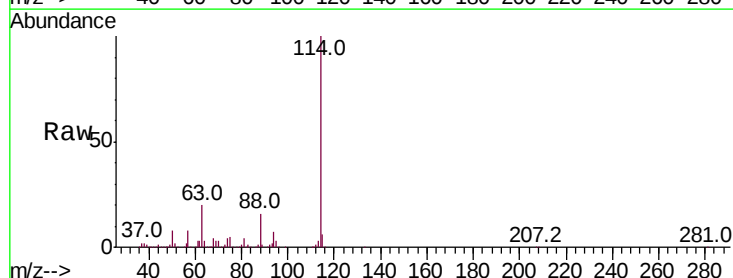
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

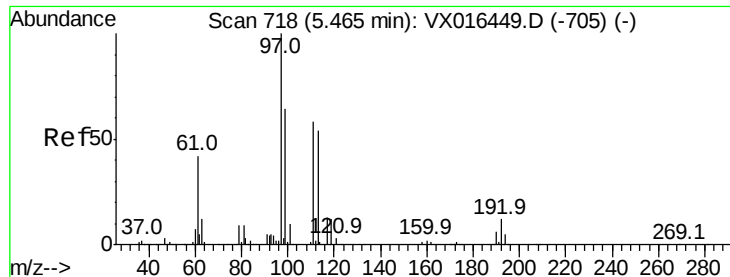
Tot Ion: 65 Resp: 186448
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion: 114 Resp: 488380
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.381 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

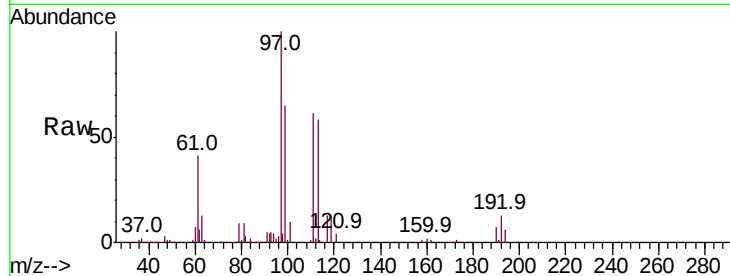
Tot Ion:113 Resp: 148497

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

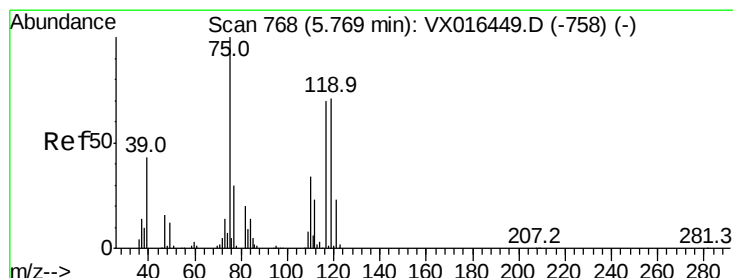
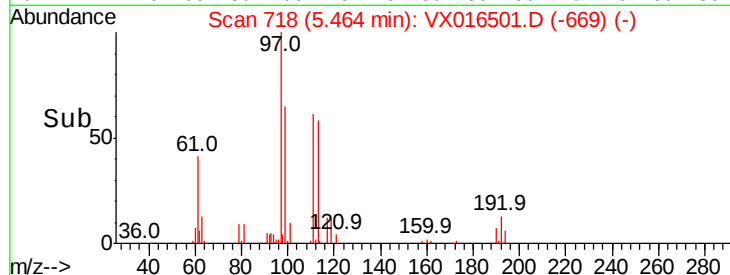
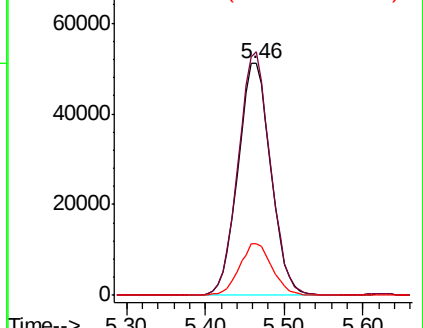
192 22.0 17.7 26.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.846 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

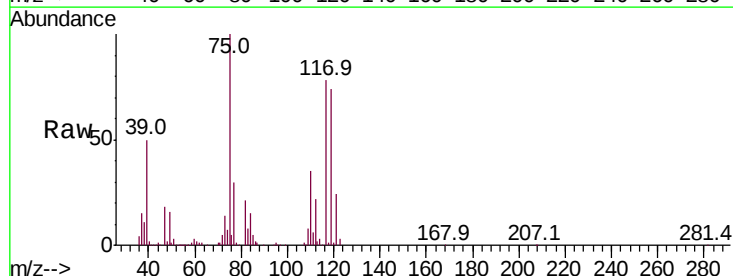
Tgt Ion: 75 Resp: 235116

Ion Ratio Lower Upper

75 100

110 35.3 17.4 52.3

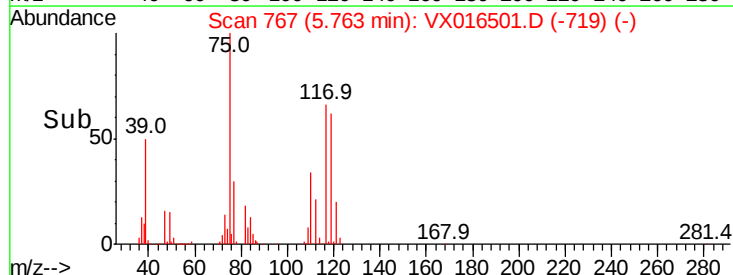
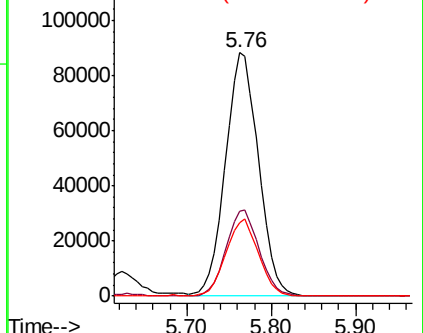
77 31.2 24.2 36.4

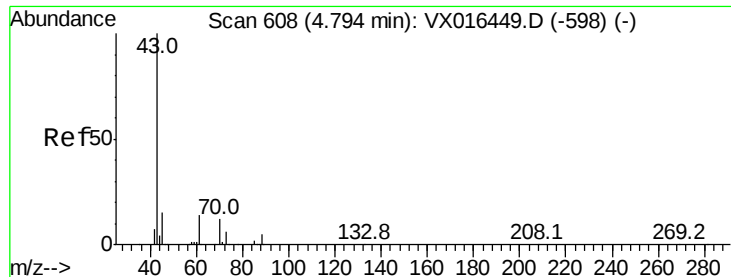


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

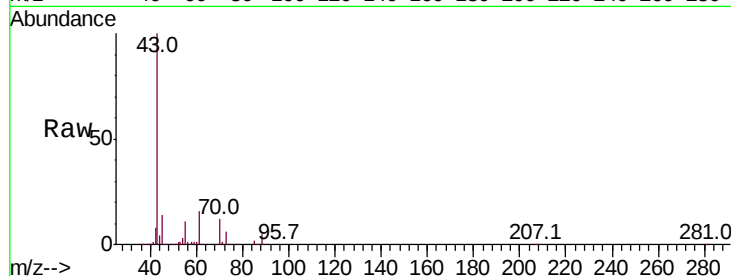




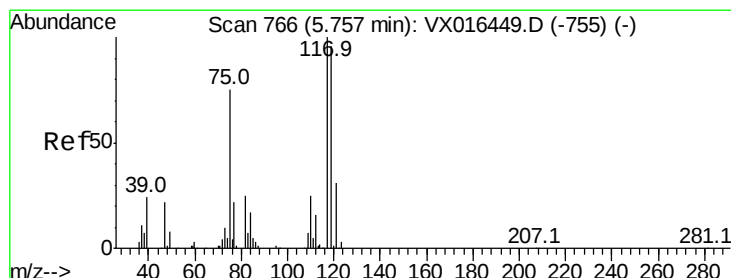
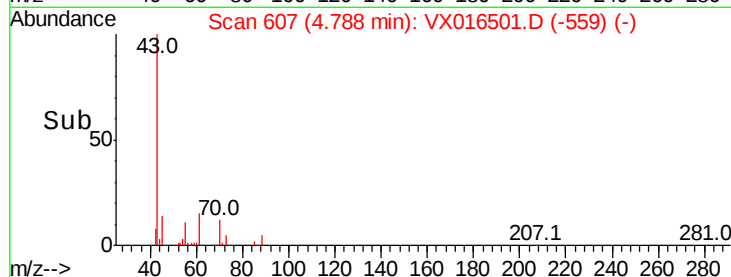
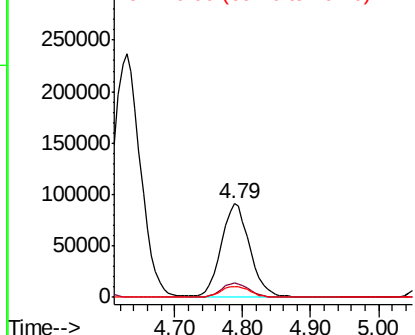
#37
Ethyl Acetate
Concen: 47.623 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 264380
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 12.1 9.3 13.9

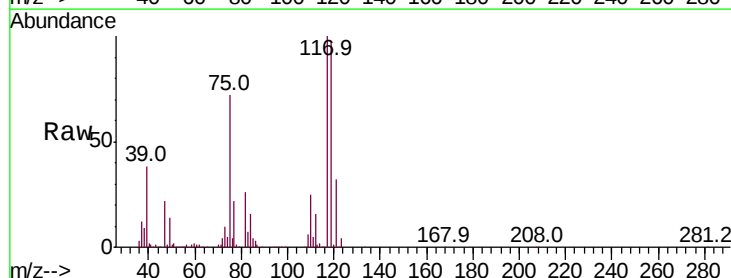


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

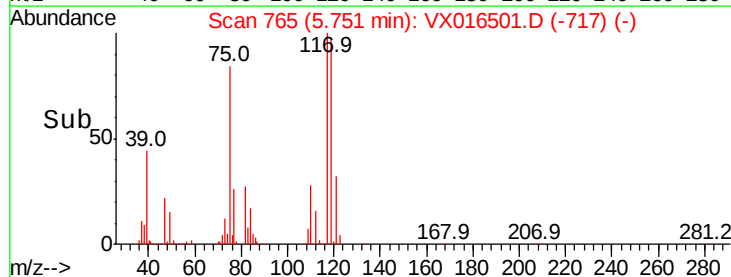
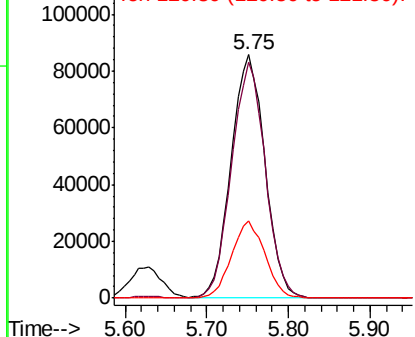


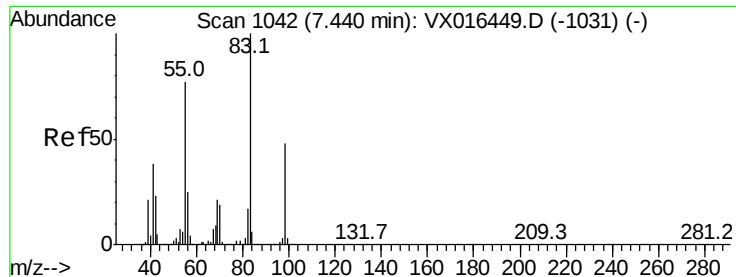
#38
Carbon Tetrachloride
Concen: 50.798 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion: 117 Resp: 246846
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5
121 31.5 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

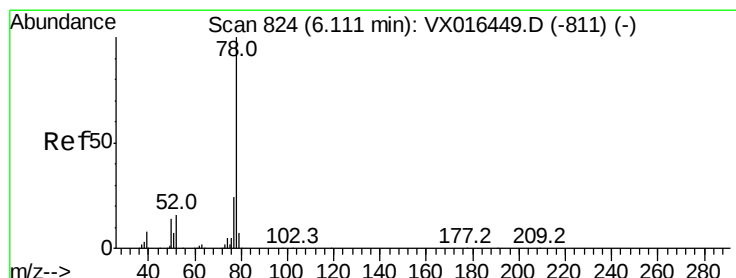
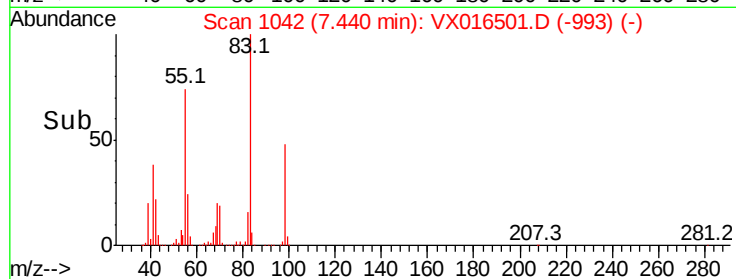
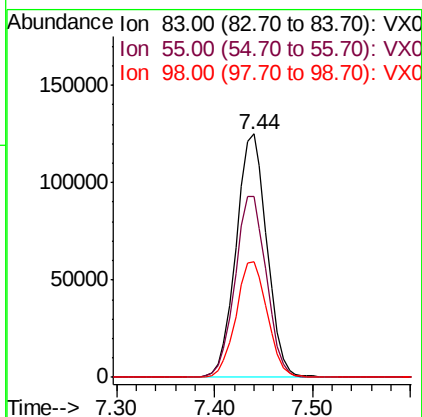
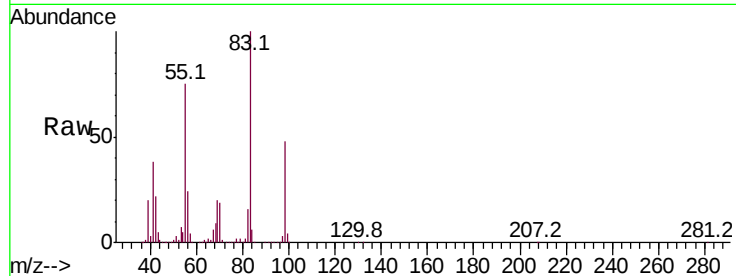




#39
Methylvlcvclohexane
Concen: 54.192 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

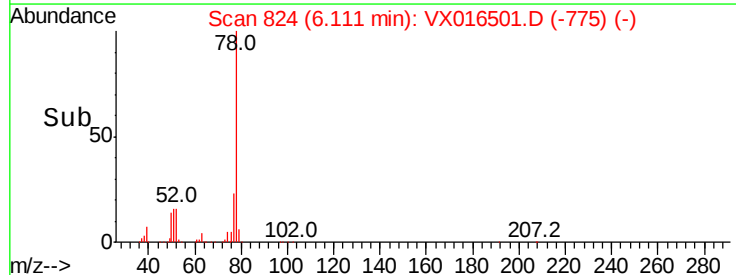
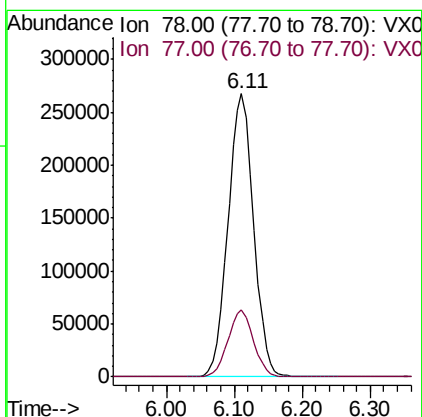
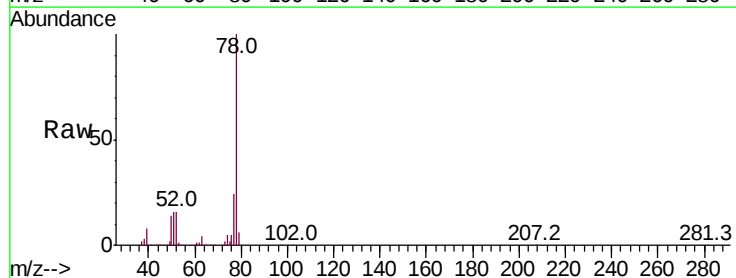
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

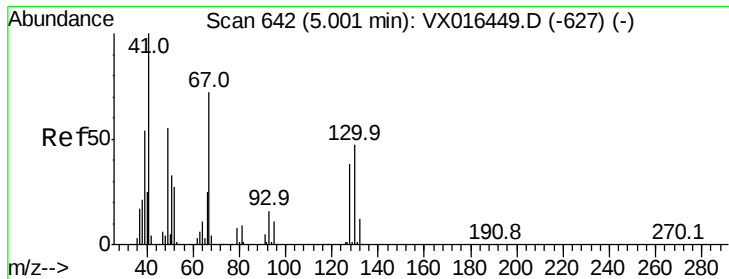
Tot Ion	83	Resp	272176
Ion Ratio	Lower	Upper	
83	100		
55	74.5	61.7	92.5
98	47.7	38.7	58.1



#40
Benzene
Concen: 50.473 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	78	Resp	695015
Ion Ratio	Lower	Upper	
78	100		
77	23.5	18.9	28.3

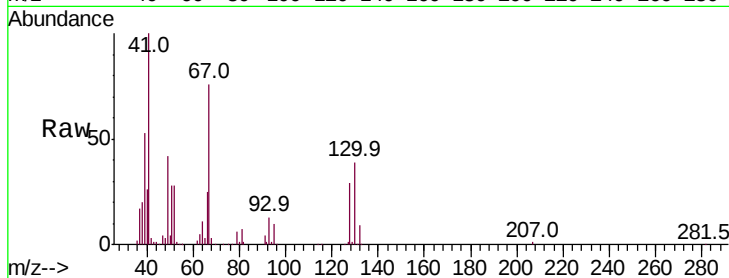




#41
Methacrylonitrile
Concen: 46.950 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	143169
Ion	Ratio	Lower	Upper
41	100		
39	53.6	43.0	64.4
67	75.2	58.9	88.3
52	29.0	23.1	34.7



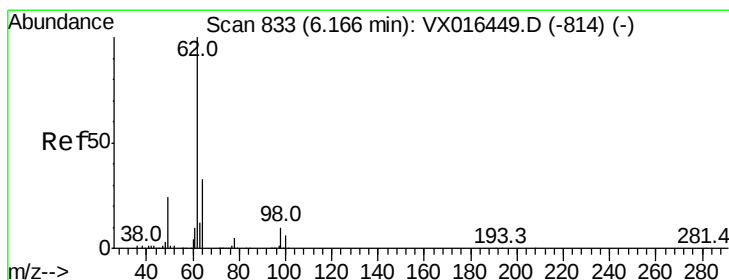
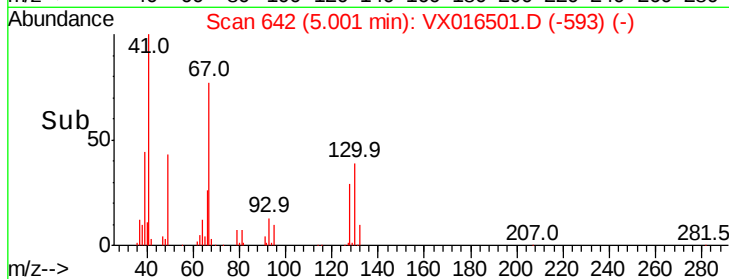
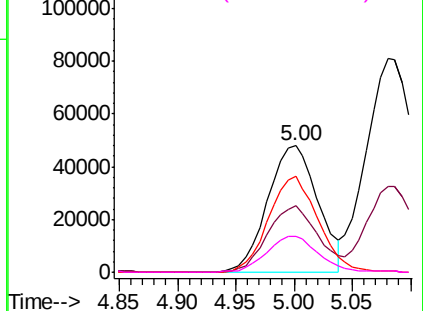
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

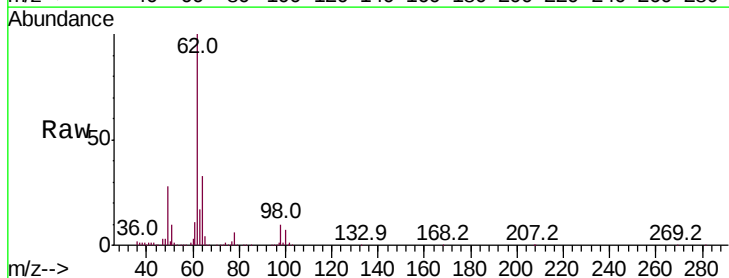
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.367 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

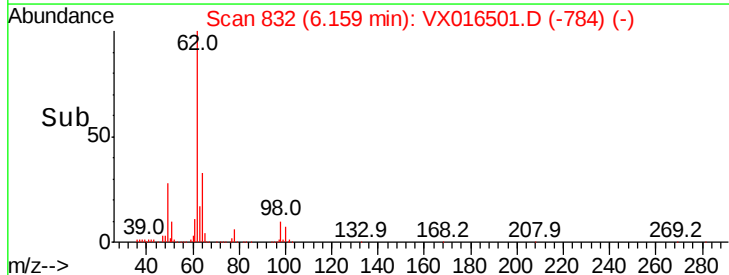
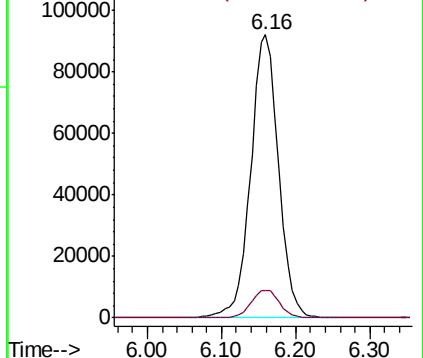
Tgt Ion:	62	Resp:	241753
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8

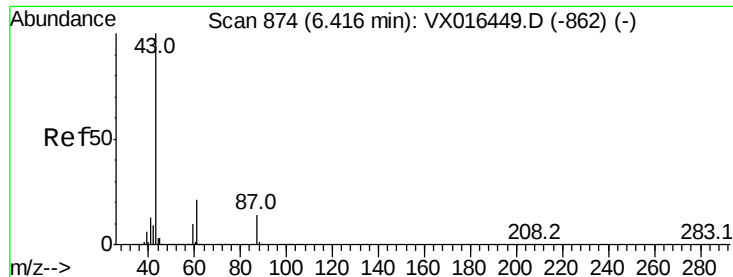


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



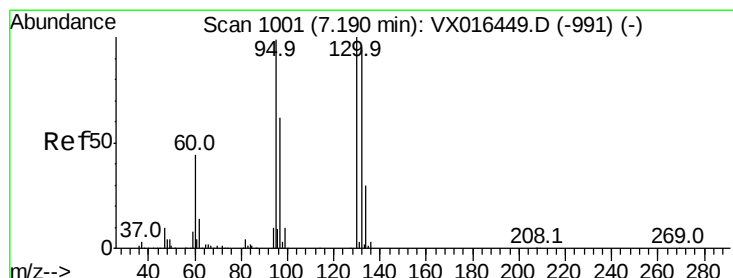
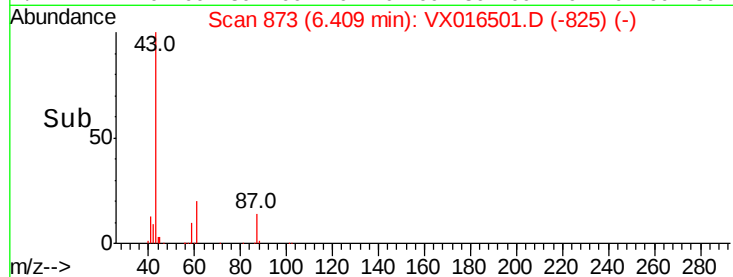
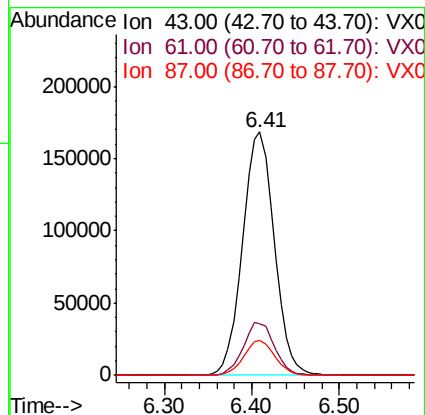
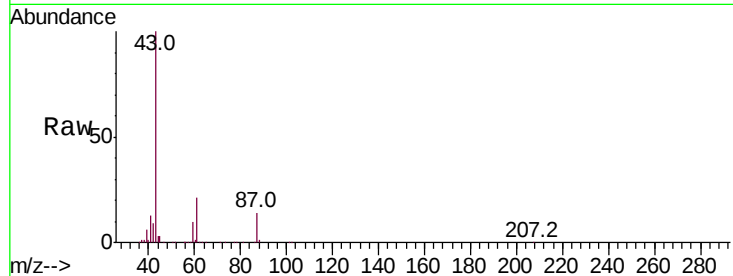


#43

Isopropyl Acetate
 Concen: 48.924 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

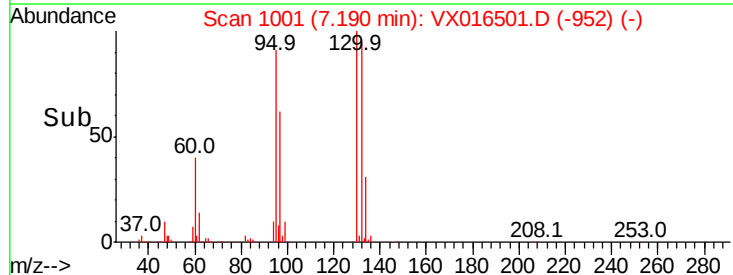
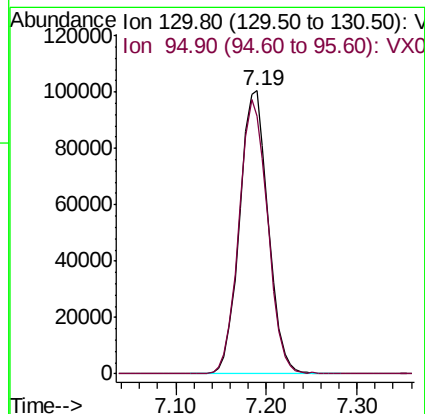
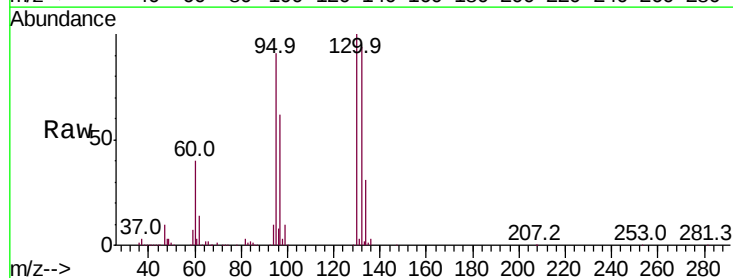
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.8	25.2
87	14.0	11.2	16.8

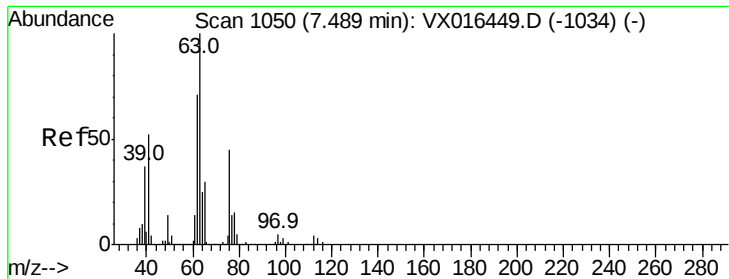


#44

Trichloroethene
 Concen: 50.204 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	198.2





#45

1,2-Dichloropropane

Concen: 50.758 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

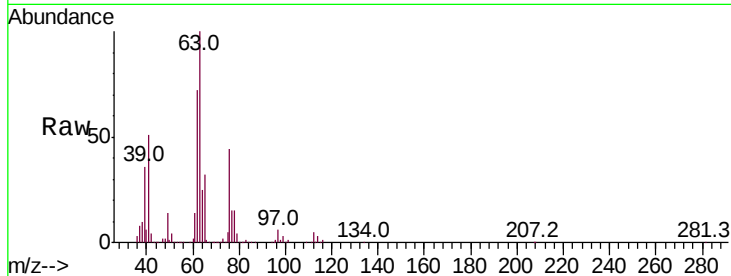
VSTDCCC050

Tot Ion: 63 Resp: 177935

Ion Ratio Lower Upper

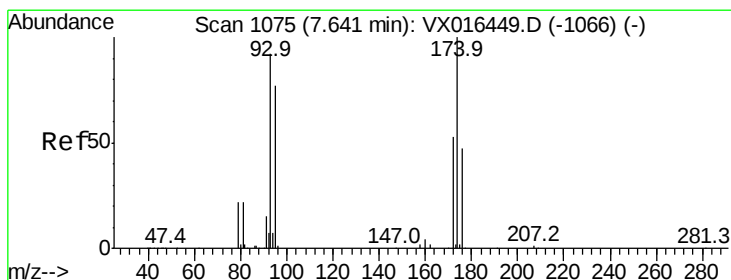
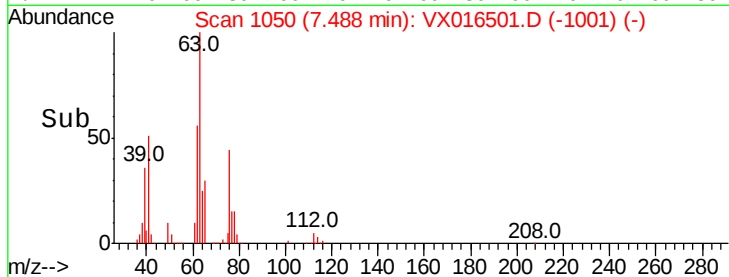
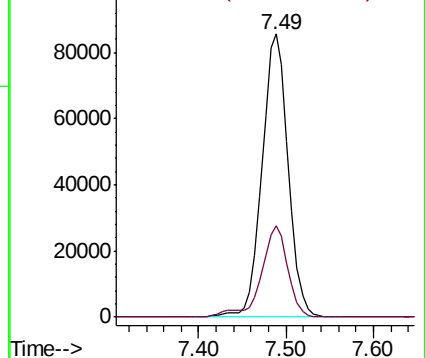
63 100

65 32.2 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.302 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

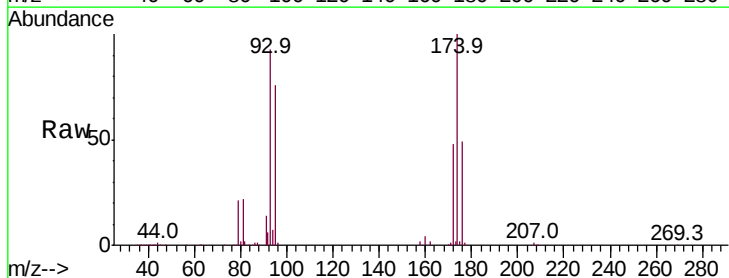
Tgt Ion: 93 Resp: 118440

Ion Ratio Lower Upper

93 100

95 81.5 66.6 100.0

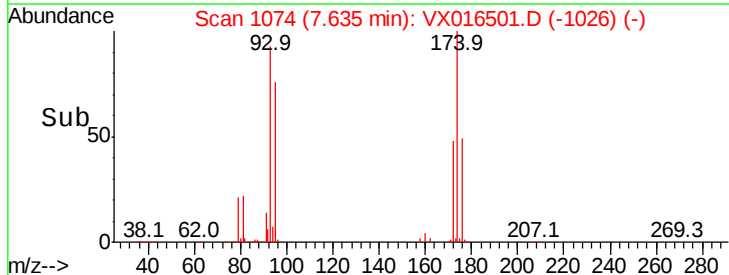
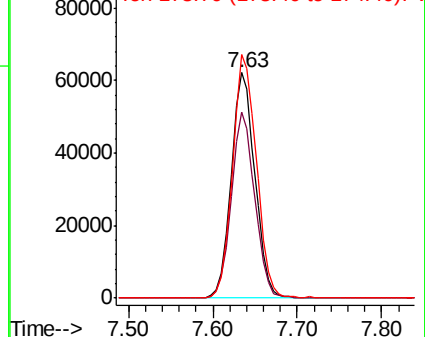
174 108.0 86.2 129.4

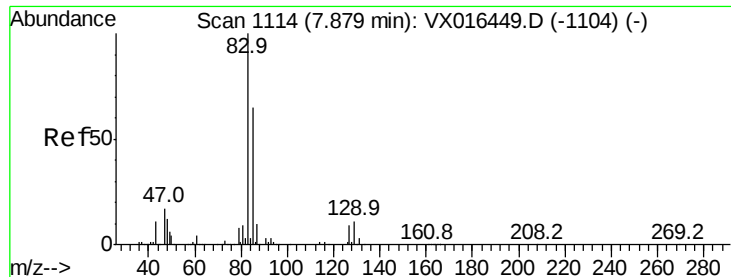


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.228 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

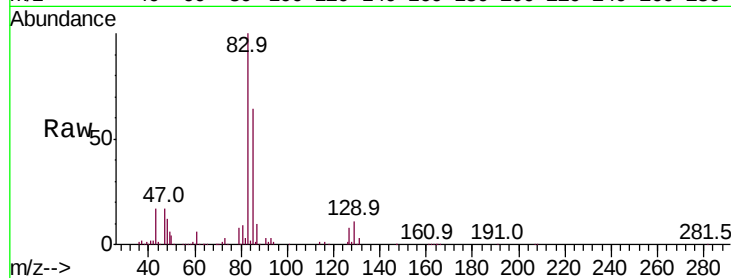
Tot Ion: 83 Resp: 249753

Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0

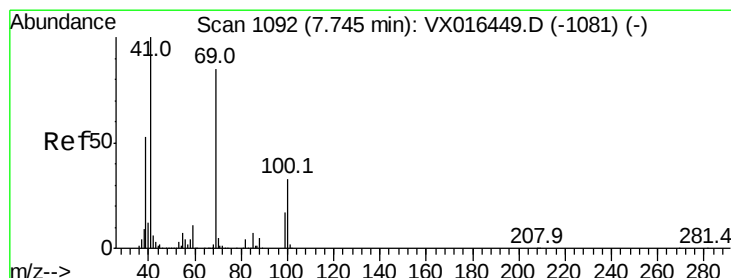
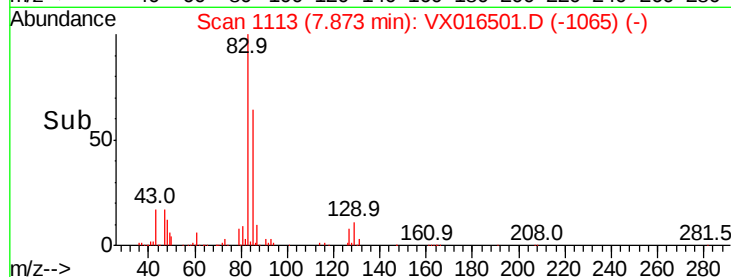
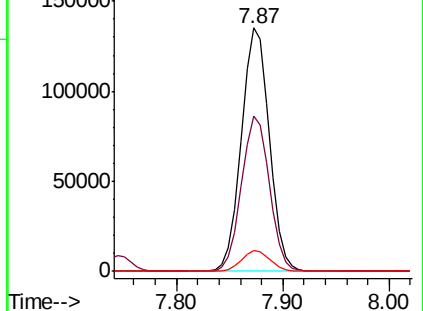
127 8.4 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.257 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

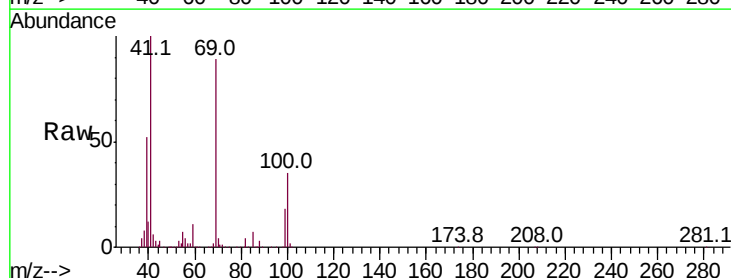
Tgt Ion: 41 Resp: 204225

Ion Ratio Lower Upper

41 100

69 88.1 68.6 102.8

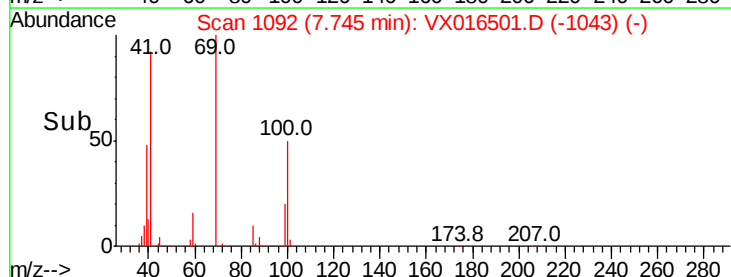
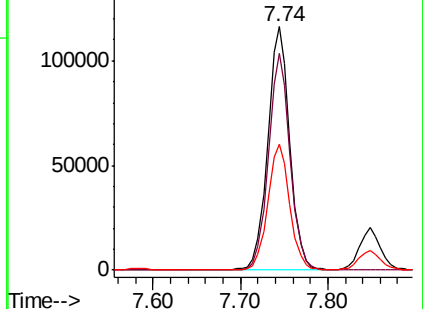
39 51.6 42.4 63.6

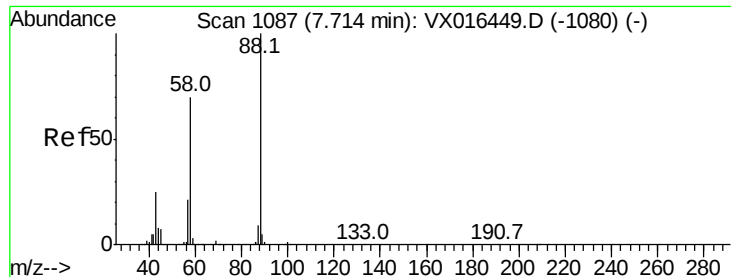


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 895.755 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

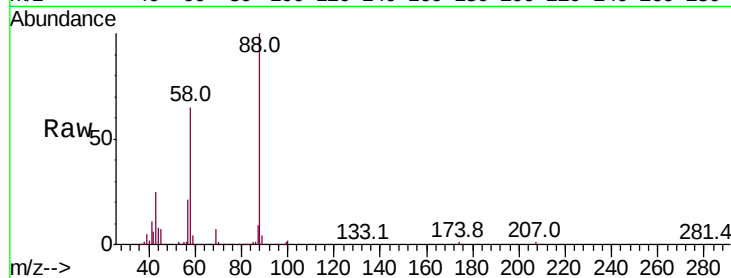
Tot Ion: 88 Resp: 86915

Ion Ratio Lower Upper

88 100

43 31.5 24.2 36.4

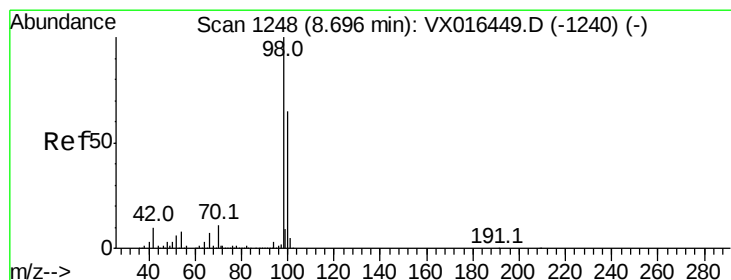
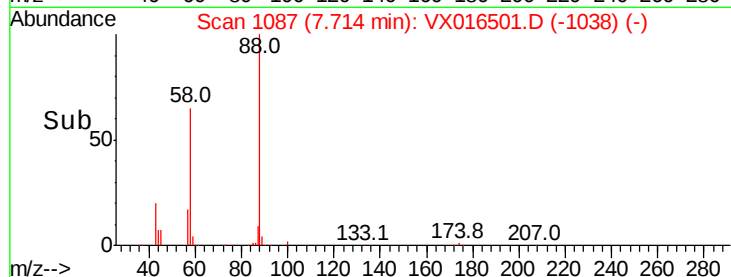
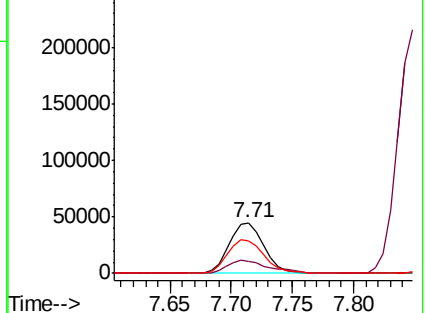
58 71.4 56.5 84.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.661 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016501.D

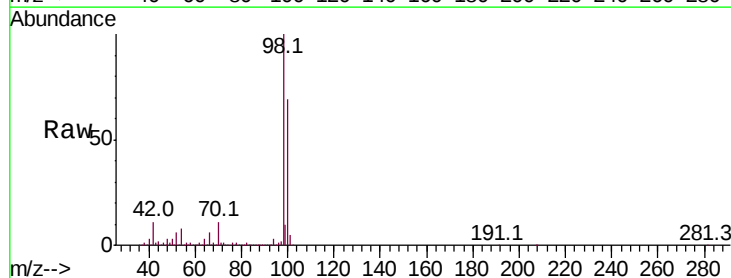
Acq: 29 May 2020 11:05

Tgt Ion: 98 Resp: 592971

Ion Ratio Lower Upper

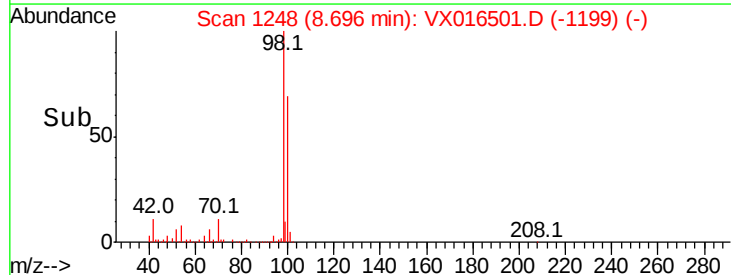
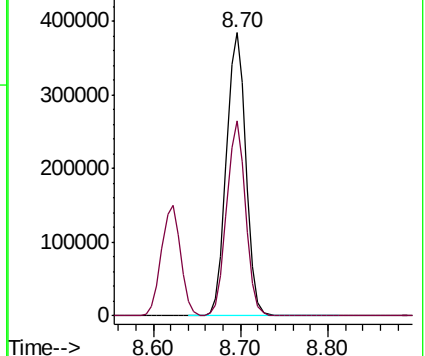
98 100

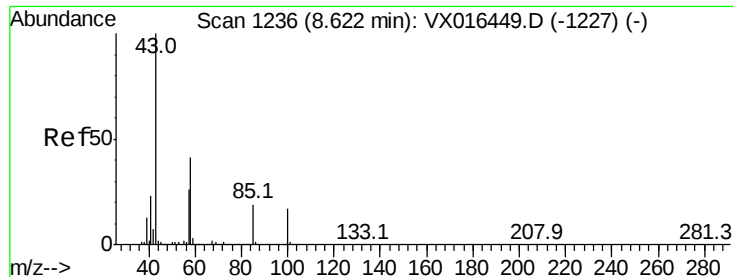
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 245.680 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

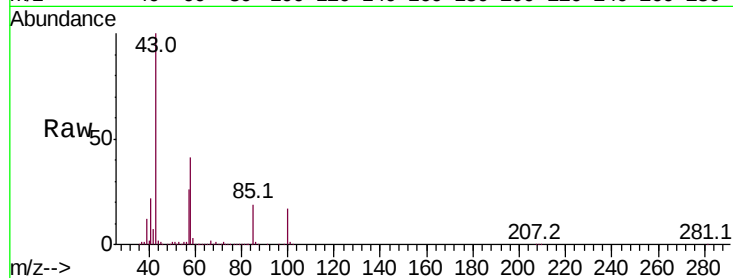
VSTDCCC050

Tot Ion: 43 Resp: 1324679

Ion Ratio Lower Upper

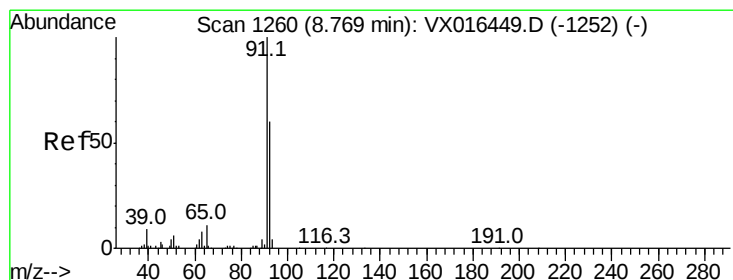
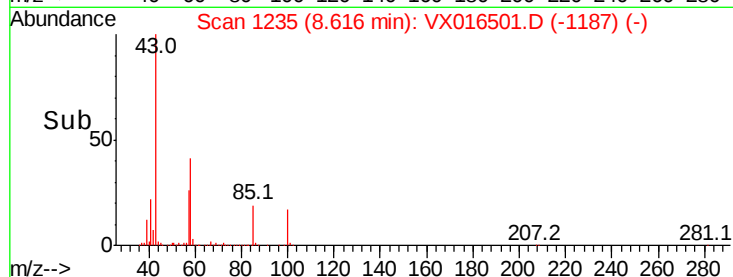
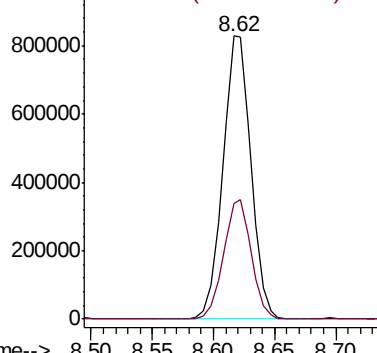
43 100

58 41.8 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.301 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016501.D

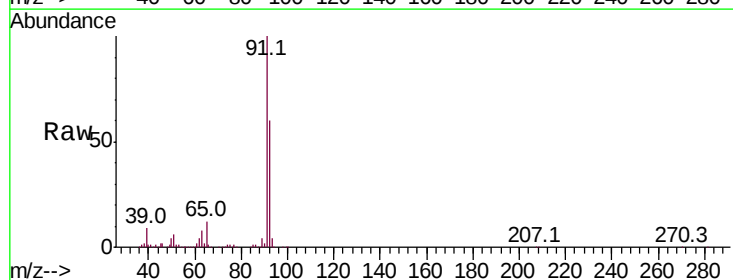
Acq: 29 May 2020 11:05

Tgt Ion: 92 Resp: 445464

Ion Ratio Lower Upper

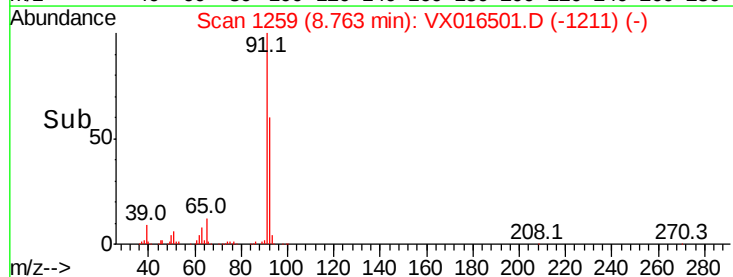
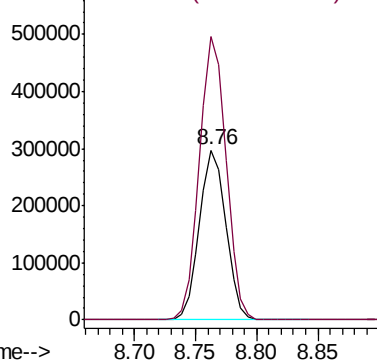
92 100

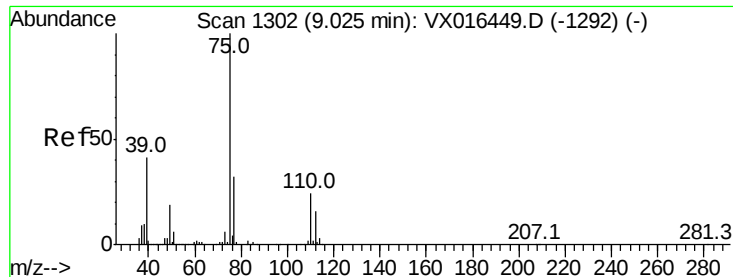
91 168.4 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.993 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

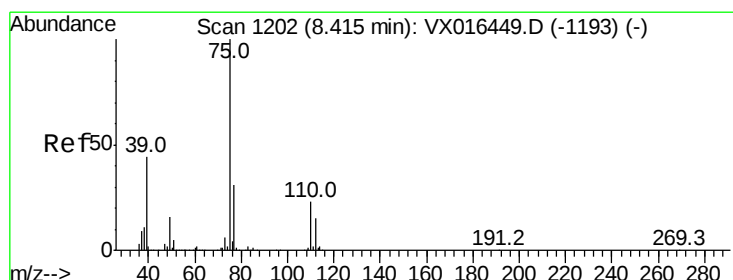
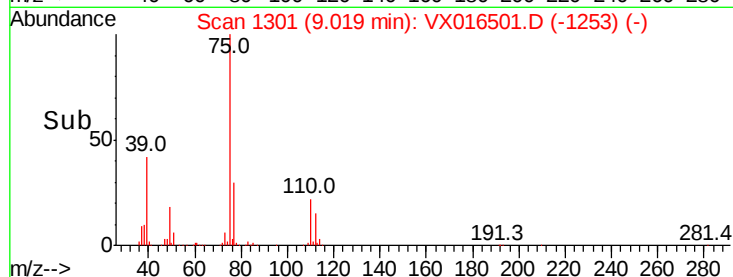
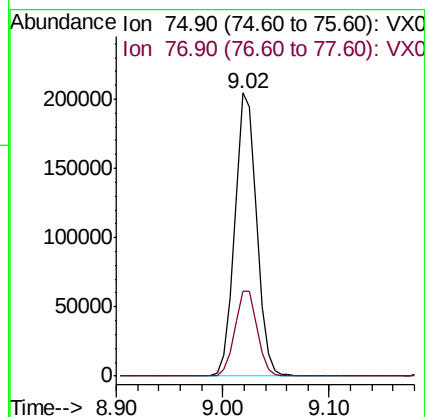
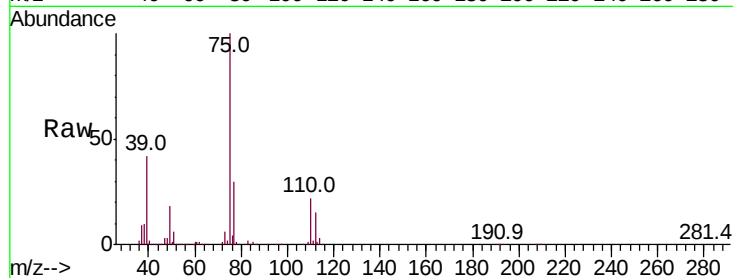
VSTDCCC050

Tot Ion: 75 Resp: 293782

Ion Ratio Lower Upper

75 100

77 30.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.975 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

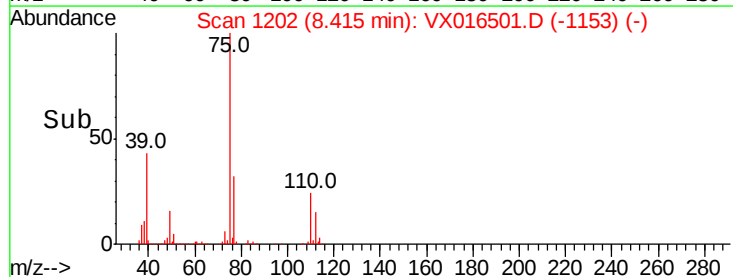
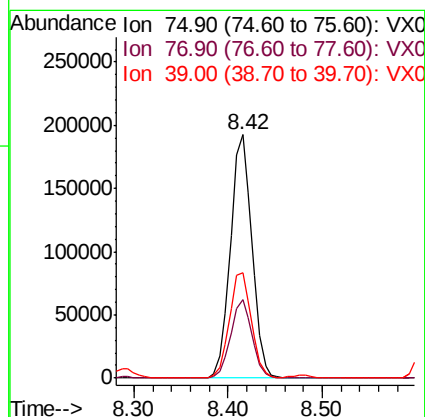
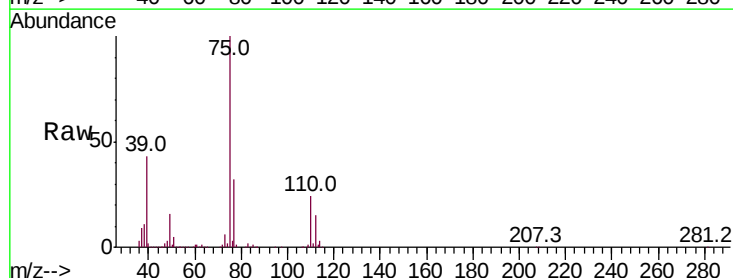
Tgt Ion: 75 Resp: 304983

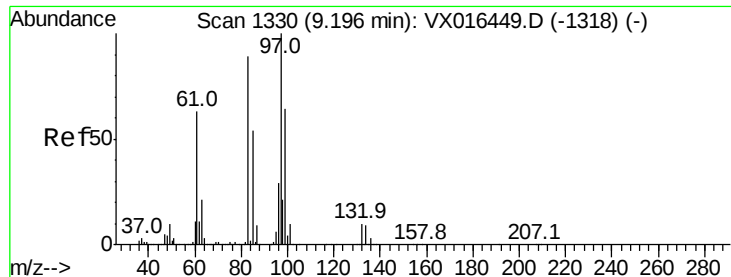
Ion Ratio Lower Upper

75 100

77 32.1 24.6 36.8

39 43.3 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 50.542 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 174496

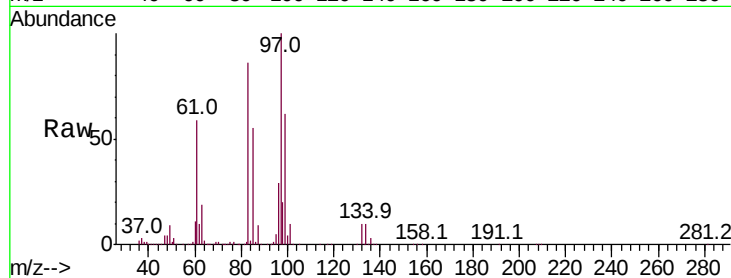
Ion Ratio Lower Upper

97 100

83 85.9 70.9 106.3

85 54.5 43.4 65.2

99 62.0 51.0 76.6

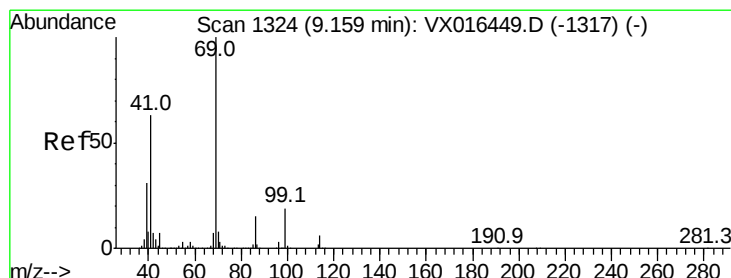
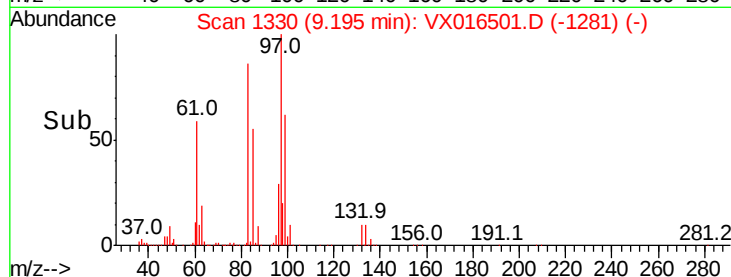
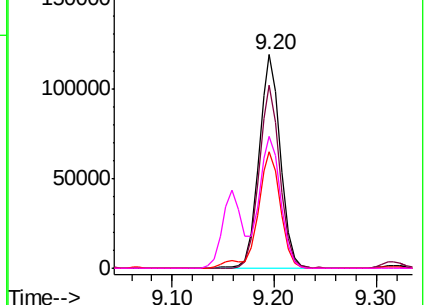


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.258 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

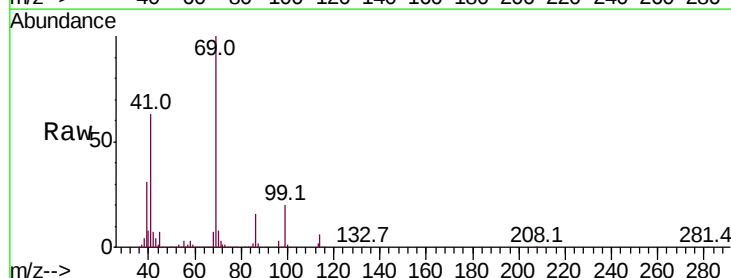
Tgt Ion: 69 Resp: 293841

Ion Ratio Lower Upper

69 100

41 63.5 50.7 76.1

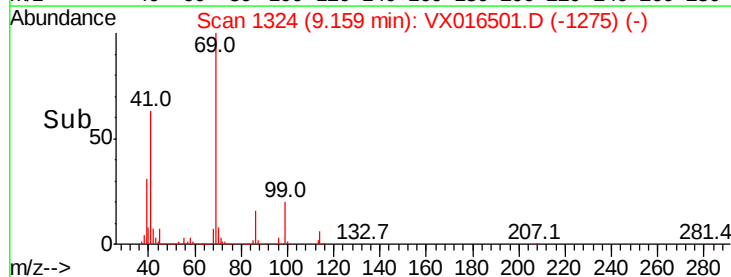
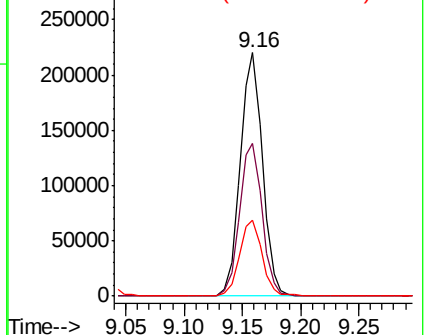
39 31.7 25.8 38.6

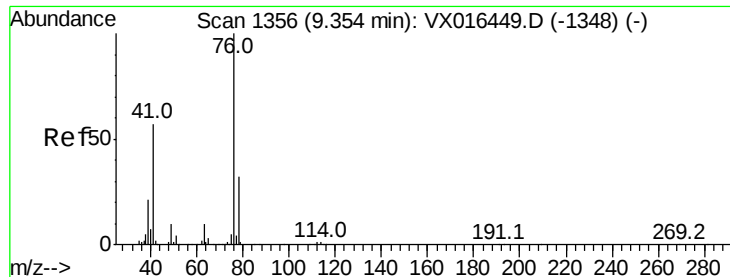


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.012 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

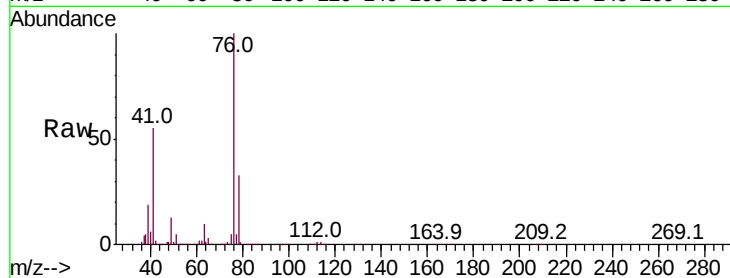
VSTDCCC050

Tot Ion: 76 Resp: 302300

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

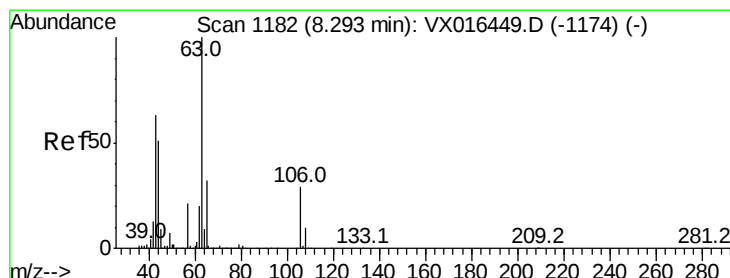
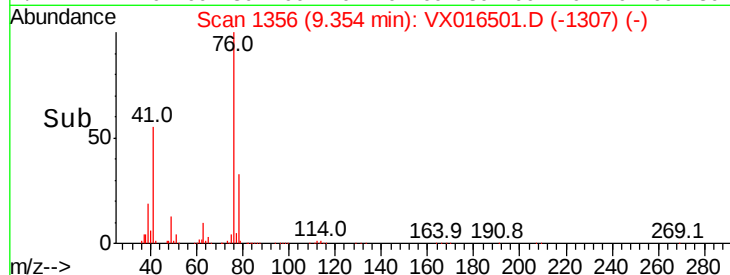
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 226.437 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016501.D

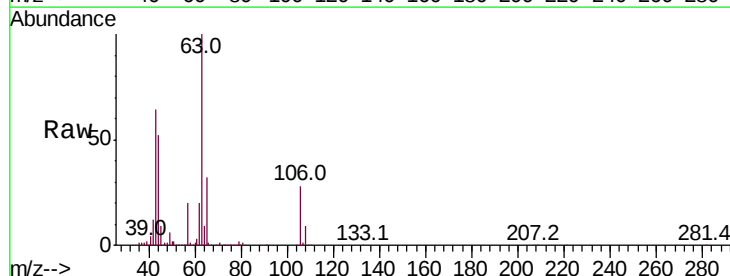
Acq: 29 May 2020 11:05

Tgt Ion: 63 Resp: 664571

Ion Ratio Lower Upper

63 100

106 29.2 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

500000

400000

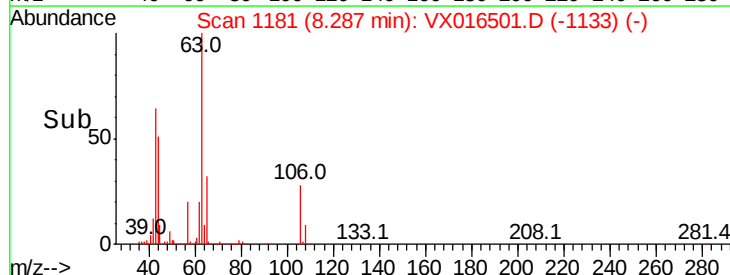
300000

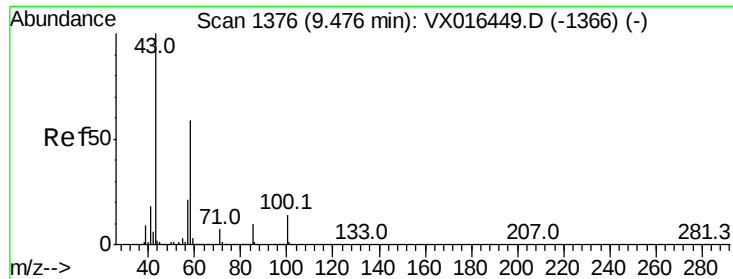
200000

100000

0

Time-->

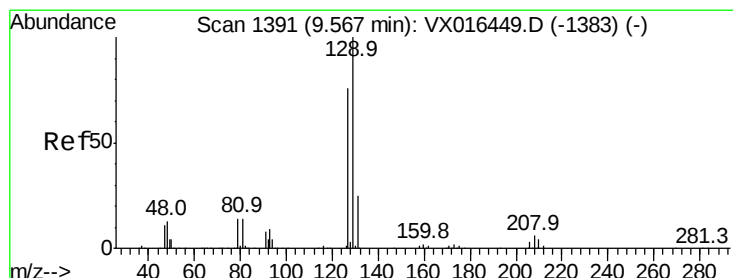
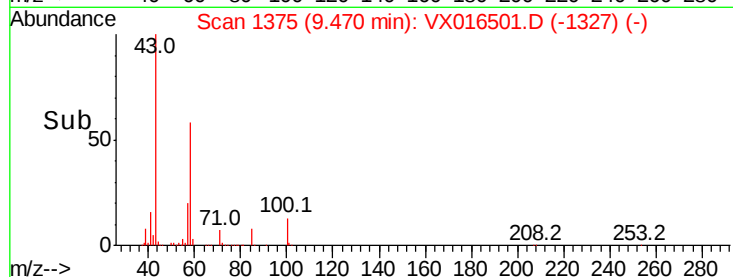
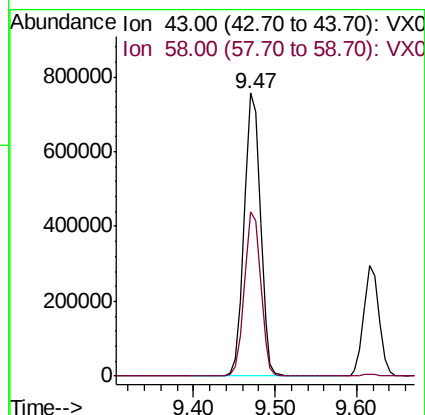
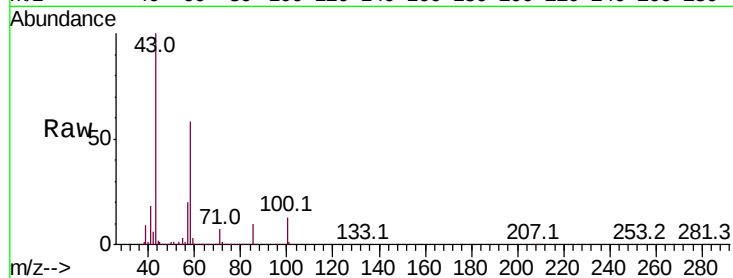




#59
2-Hexanone
Concen: 246.728 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

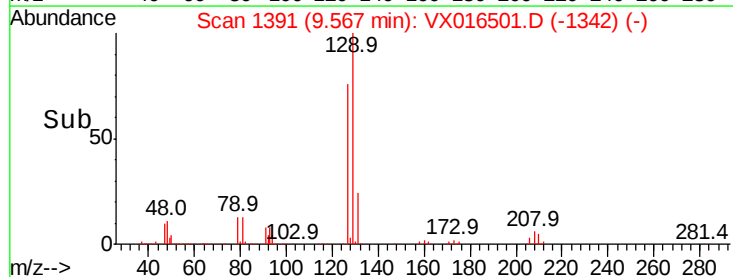
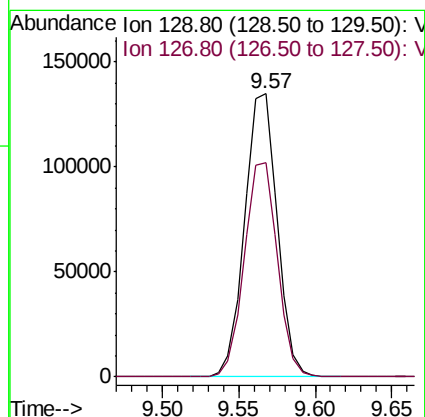
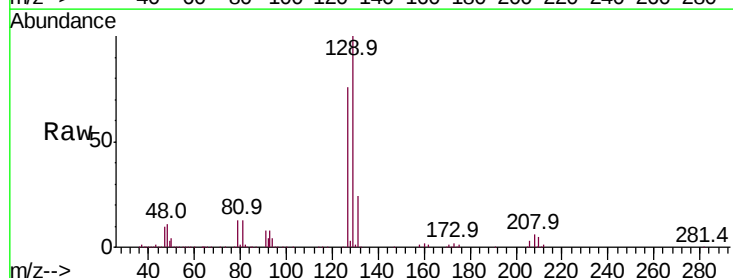
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

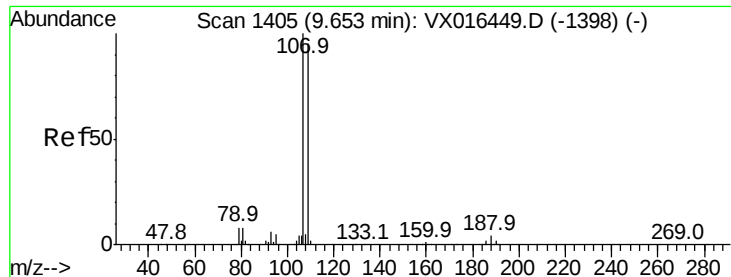
Tot Ion: 43 Resp: 1034538
Ion Ratio Lower Upper
43 100
58 58.3 28.8 86.4



#60
Dibromochloromethane
Concen: 51.334 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion: 129 Resp: 199448
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.218 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

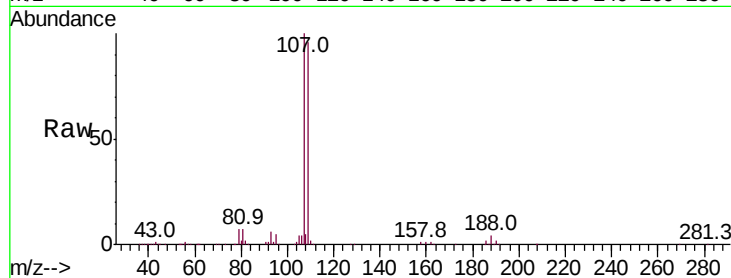
VSTDCCC050

Tot Ion:107 Resp: 189361

Ion Ratio Lower Upper

107 100

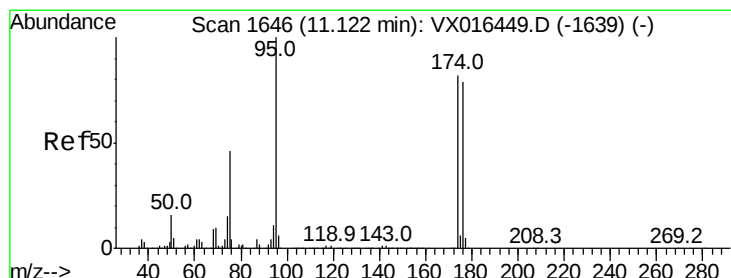
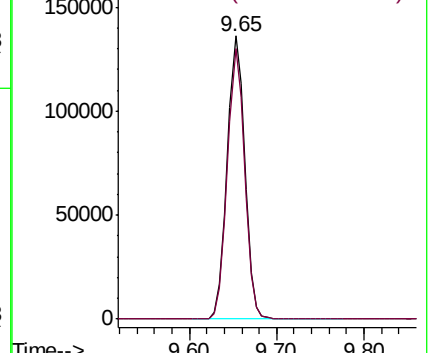
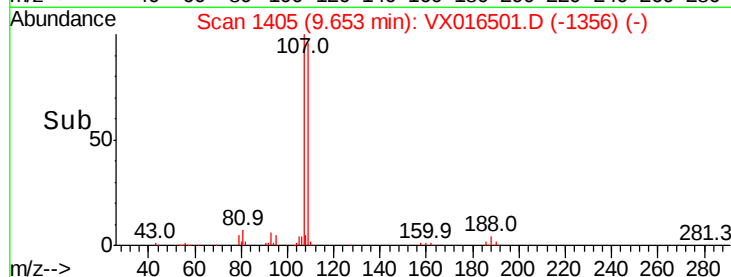
109 94.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65



#62

4-Bromofluorobenzene

Concen: 48.837 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

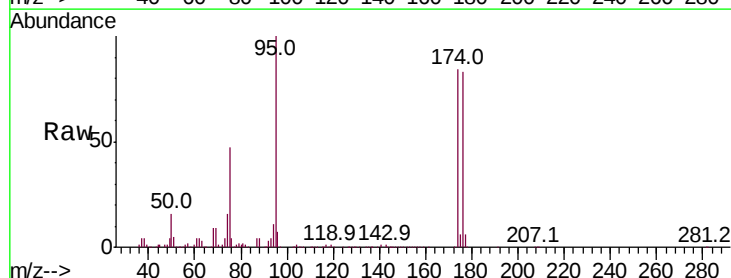
Tgt Ion: 95 Resp: 220871

Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.0

176 79.2 0.0 156.8

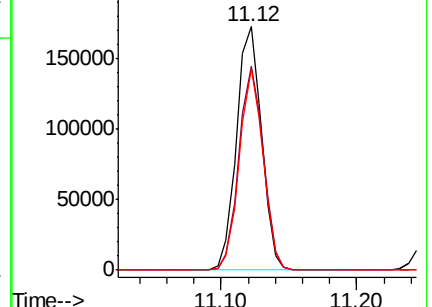
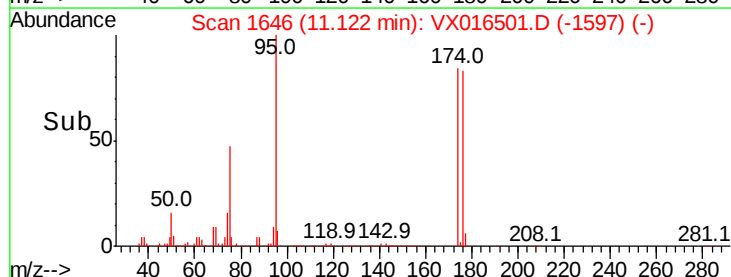


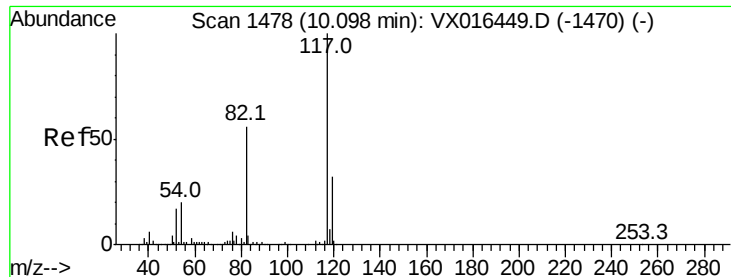
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

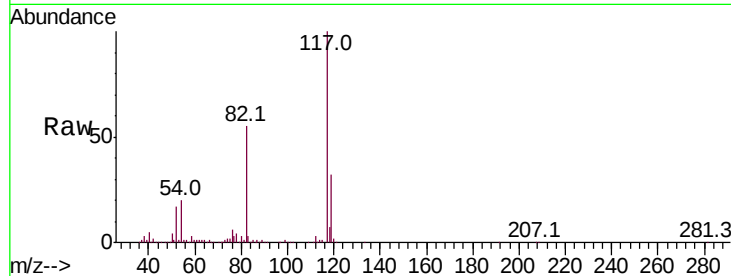
Tot Ion:117 Resp: 444179

Ion Ratio Lower Upper

117 100

82 55.1 45.0 67.6

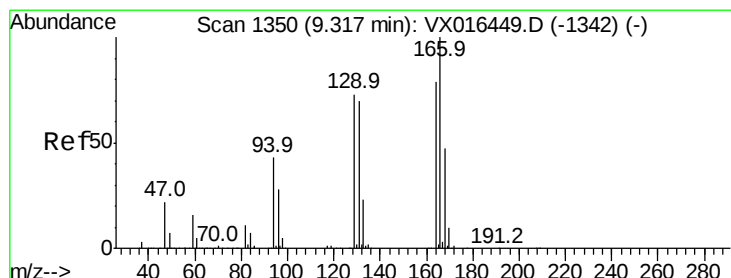
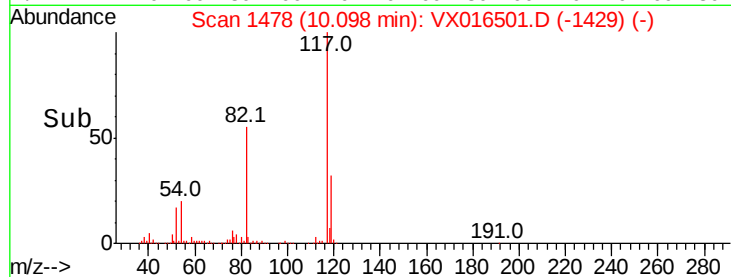
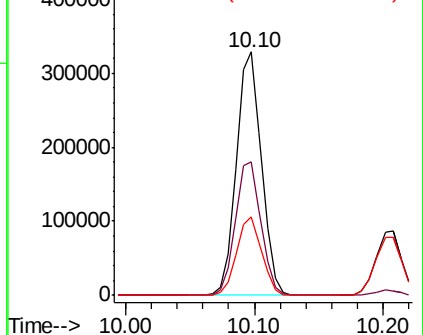
119 32.4 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 50.280 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion:164 Resp: 249863

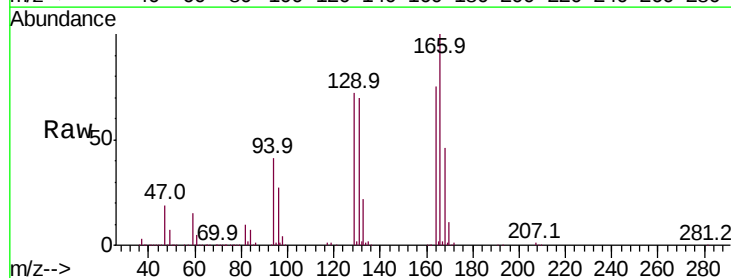
Ion Ratio Lower Upper

164 100

166 132.7 100.9 151.3

129 95.1 73.2 109.8

131 92.9 70.8 106.2

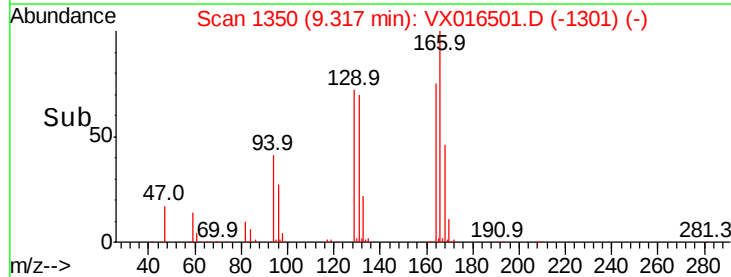
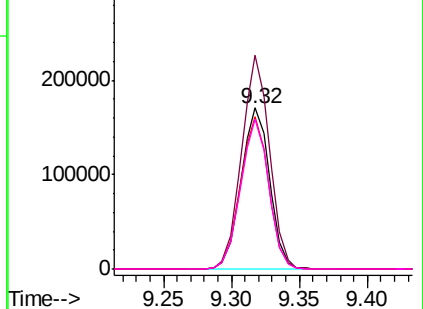


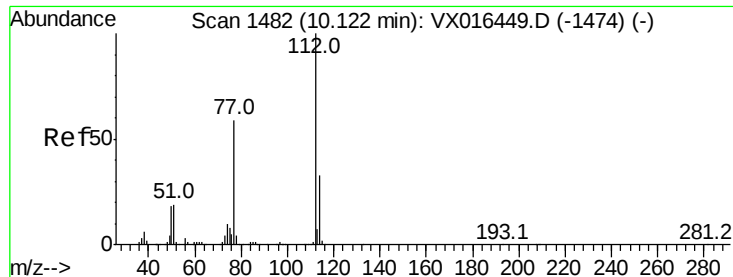
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 52.376 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

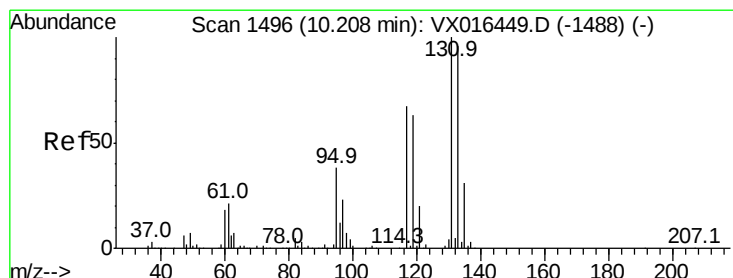
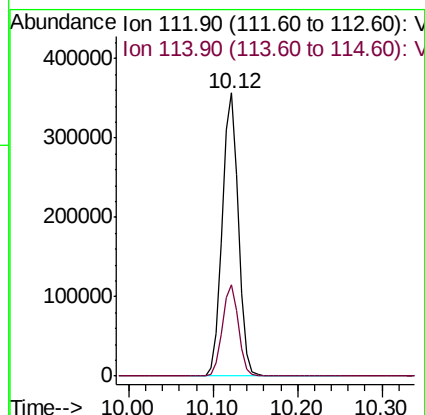
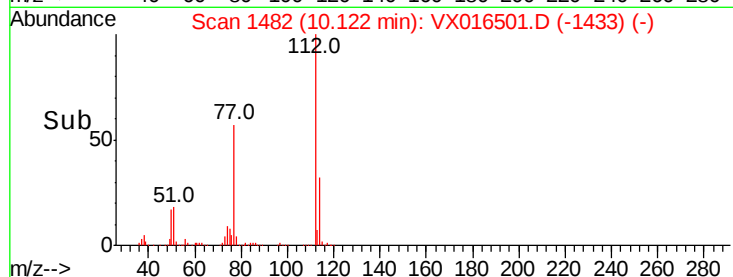
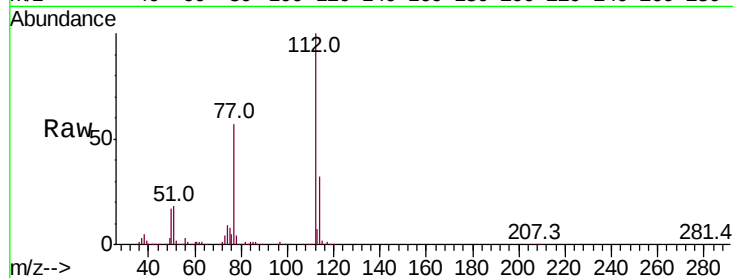
VSTDCCC050

Tot Ion:112 Resp: 474299

Ion Ratio Lower Upper

112 100

114 32.1 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 52.092 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

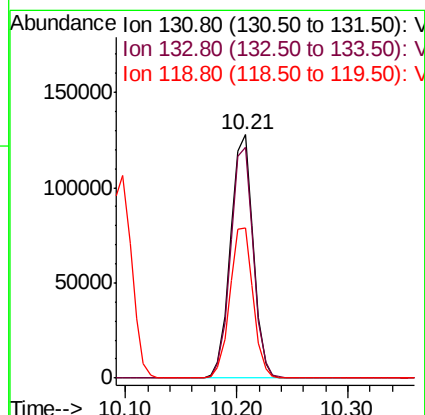
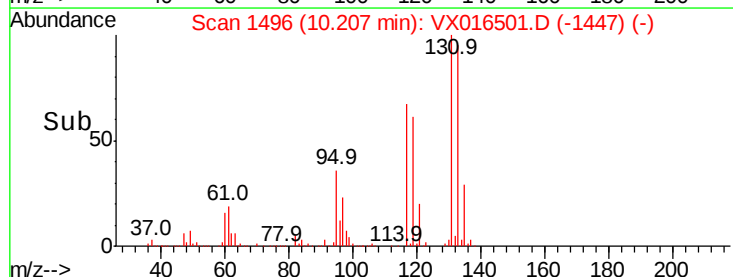
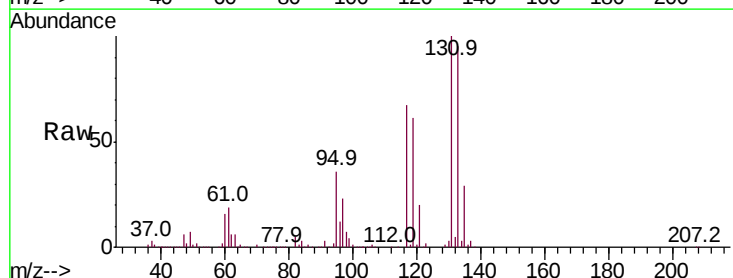
Tgt Ion:131 Resp: 180068

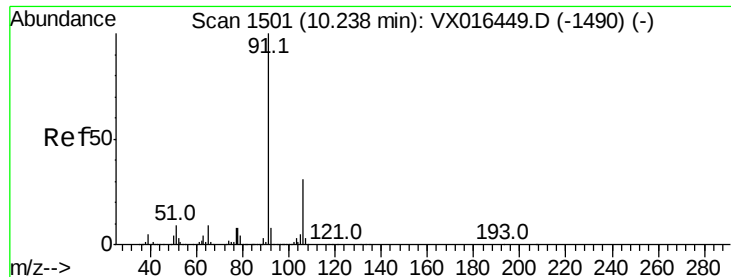
Ion Ratio Lower Upper

131 100

133 95.3 48.4 145.3

119 63.0 32.0 96.2





#67

Ethyl Benzene

Concen: 52.608 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

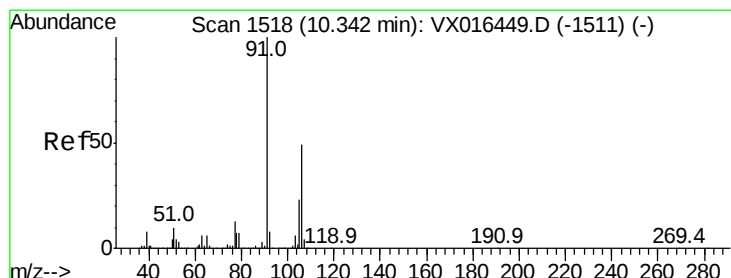
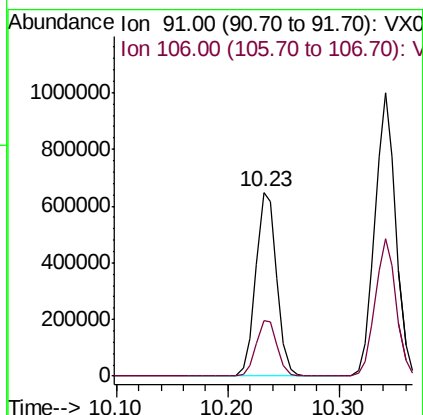
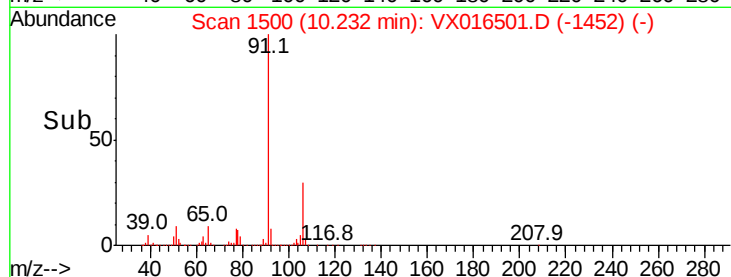
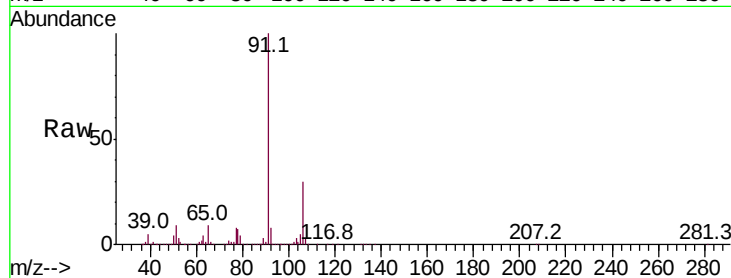
VSTDCCC050

Tot Ion: 91 Resp: 848182

Ion Ratio Lower Upper

91 100

106 30.1 25.0 37.4



#68

m/p-Xylenes

Concen: 106.655 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016501.D

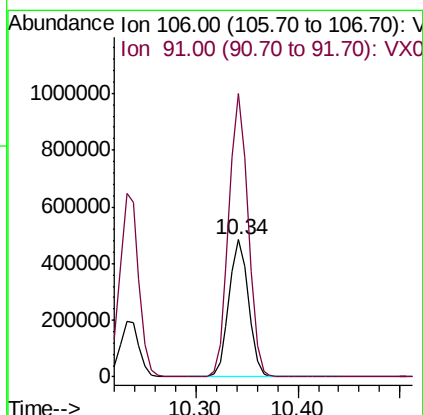
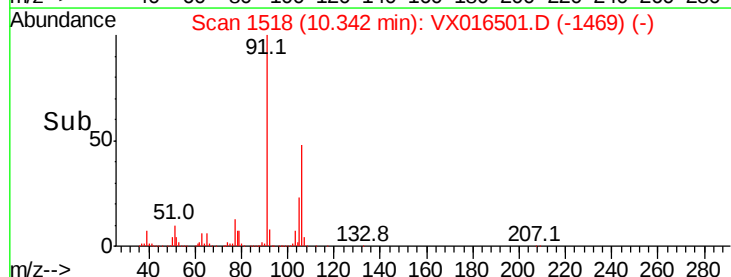
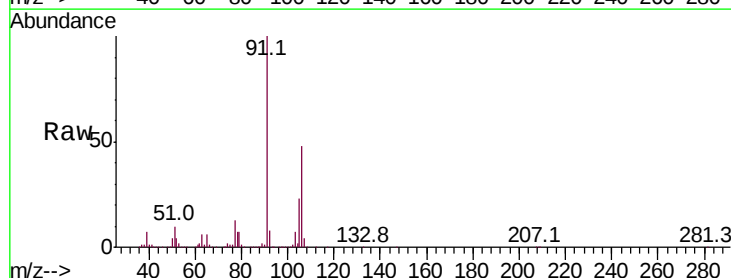
Acq: 29 May 2020 11:05

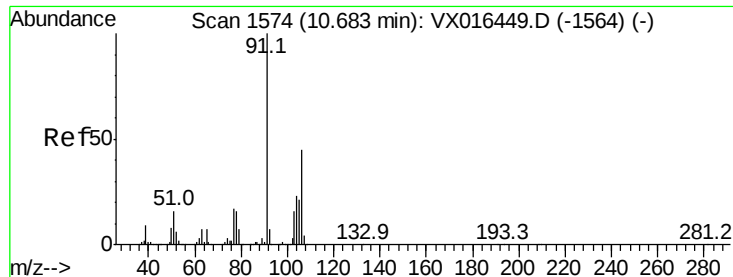
Tgt Ion: 106 Resp: 637572

Ion Ratio Lower Upper

106 100

91 205.0 163.8 245.8

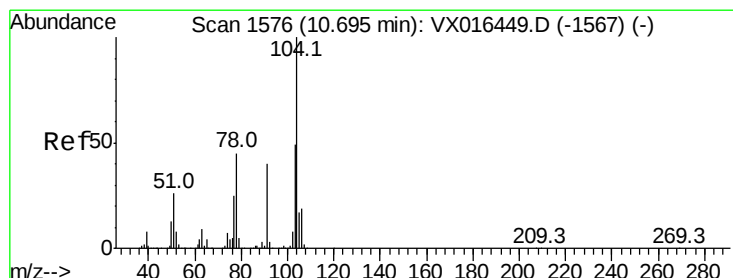
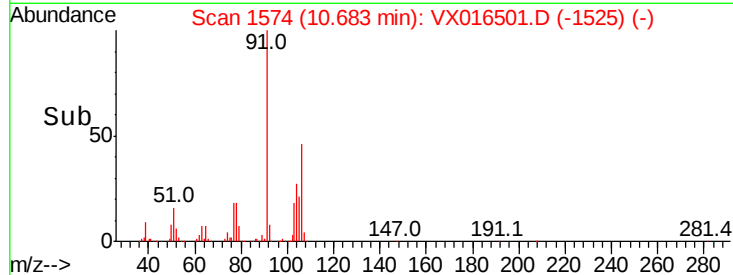
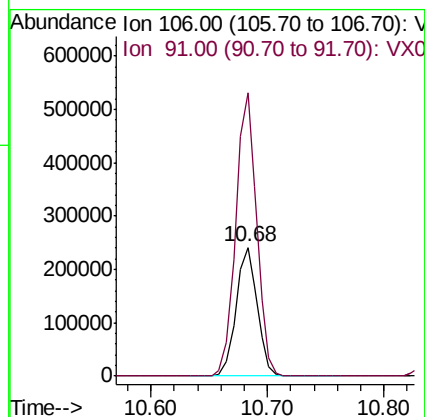
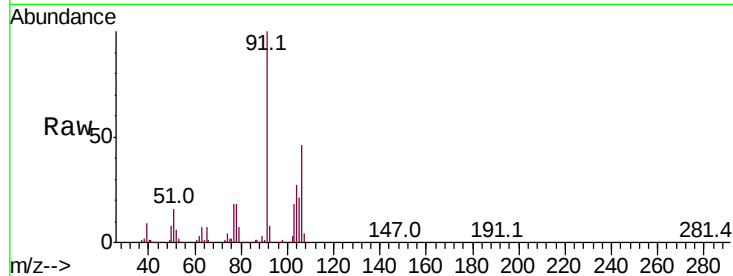




#69
o-Xylene
Concen: 52.704 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

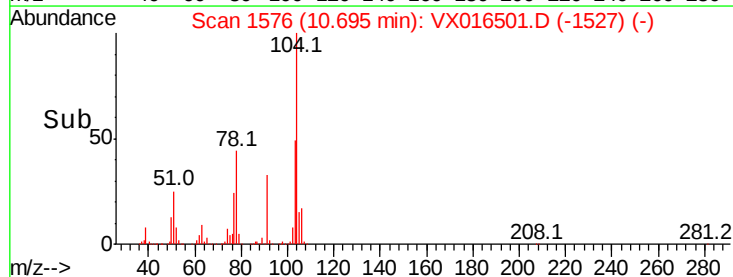
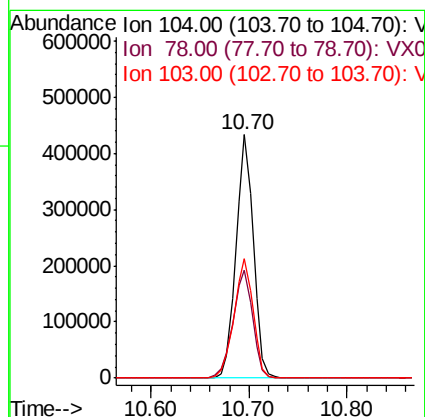
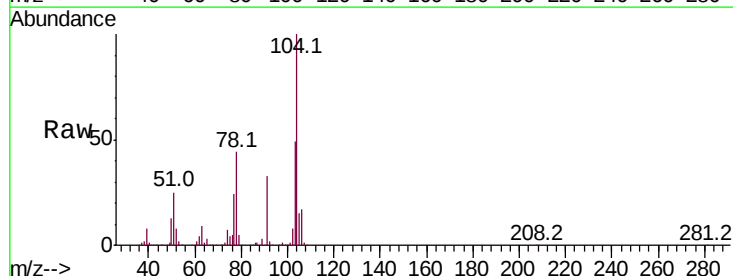
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

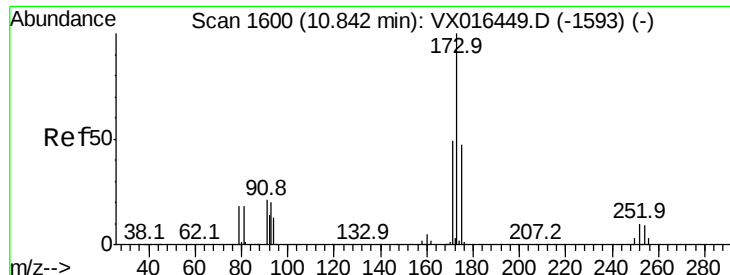
Tot Ion:106 Resp: 305117
Ion Ratio Lower Upper
106 100
91 217.7 109.6 328.8



#70
Styrene
Concen: 53.782 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion:104 Resp: 535188
Ion Ratio Lower Upper
104 100
78 50.1 40.2 60.2
103 54.0 43.1 64.7





#71

Bromoform

Concen: 52.711 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

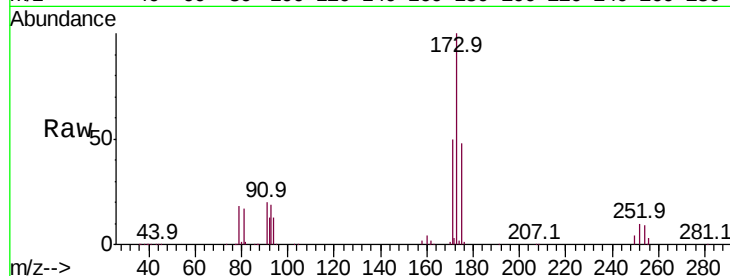
Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 153992

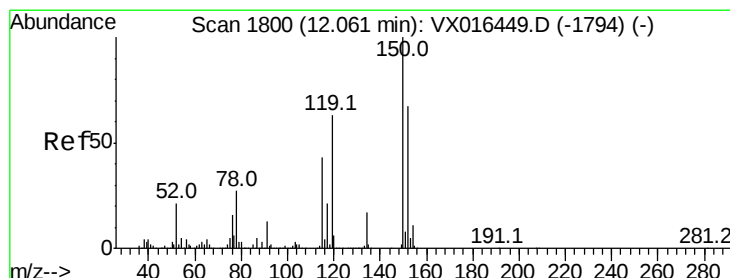
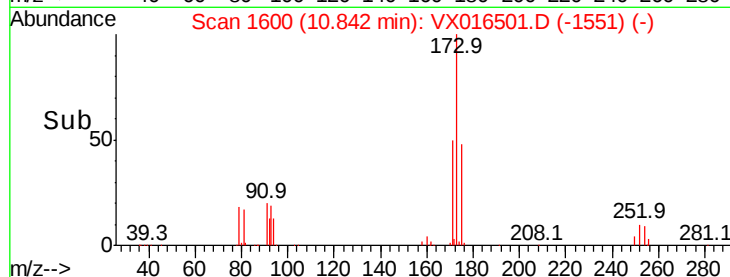
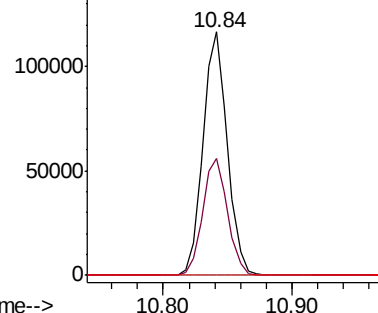
Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.9	71.7
254	0.0	0.1	0.1#



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

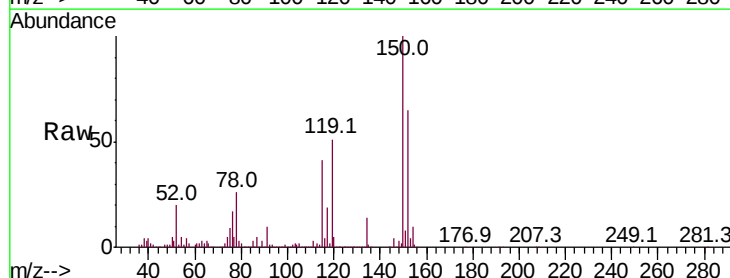
Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion:152 Resp: 222136

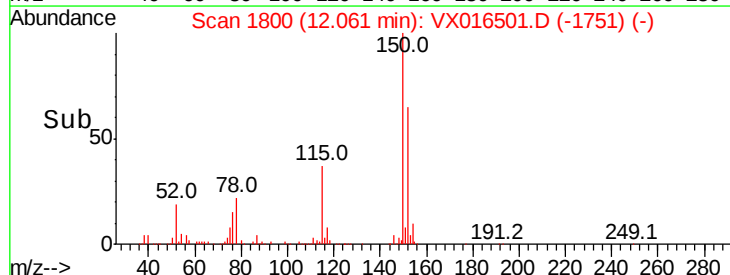
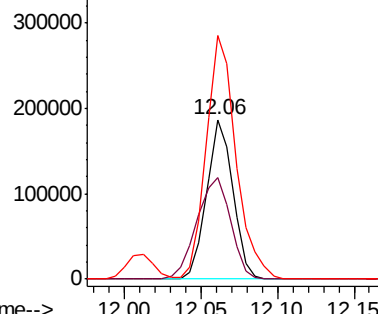
Ion	Ratio	Lower	Upper
152	100		
115	81.6	39.9	119.6
150	173.5	0.0	341.0

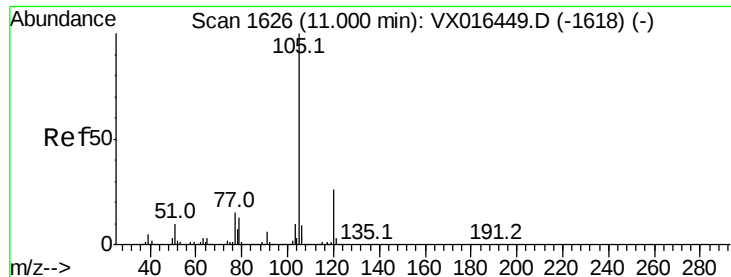


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.367 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

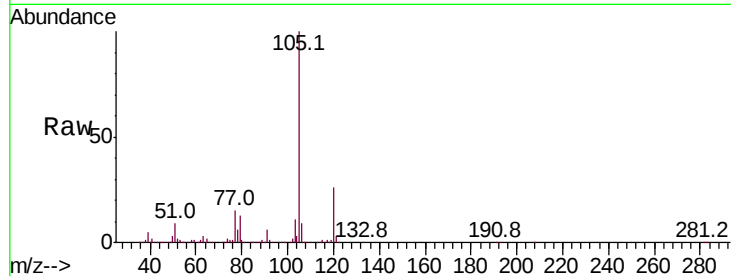
VSTDCCC050

Tot Ion:105 Resp: 805997

Ion Ratio Lower Upper

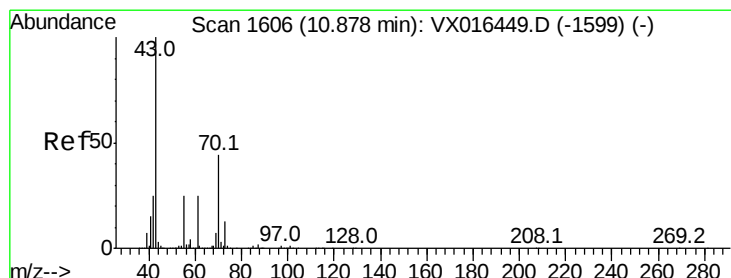
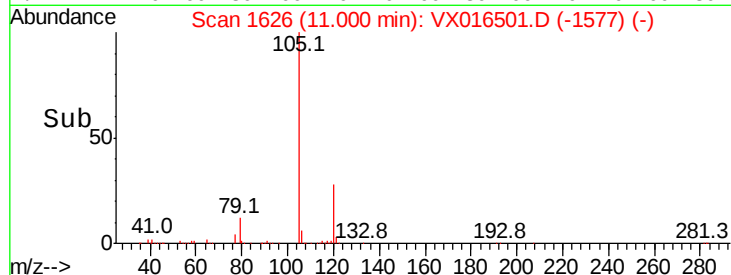
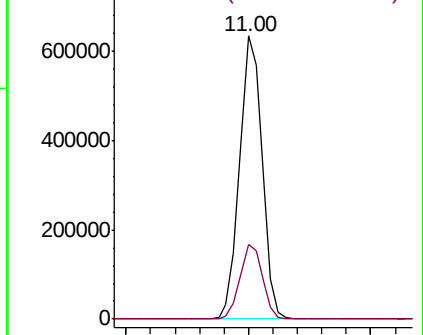
105 100

120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.357 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Tgt Ion: 43 Resp: 370667

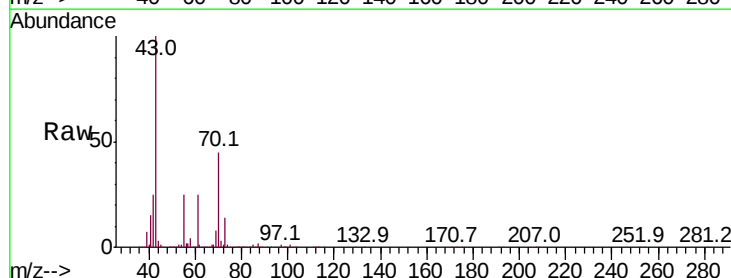
Ion Ratio Lower Upper

43 100

70 46.0 36.1 54.1

55 25.2 20.2 30.4

61 25.7 20.3 30.5

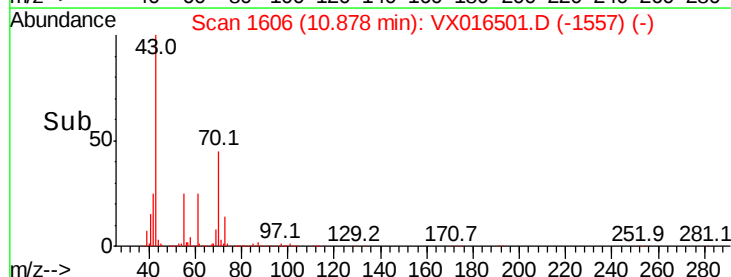
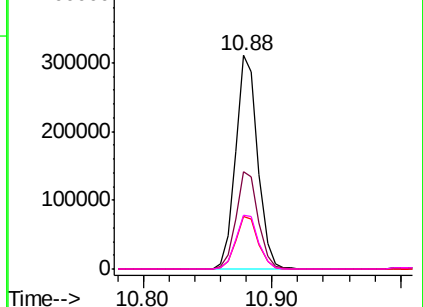


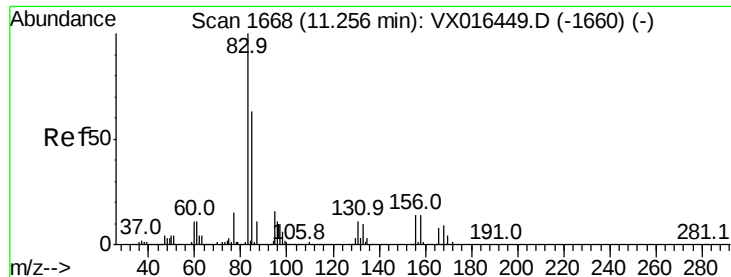
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.444 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

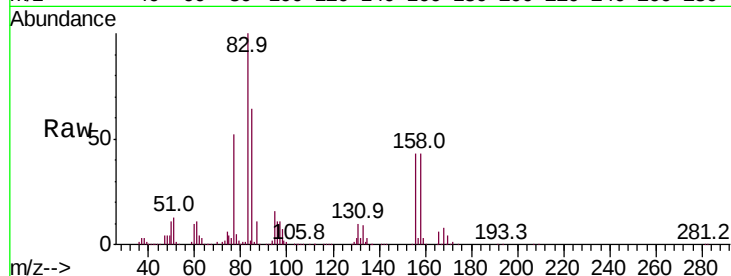
Tot Ion: 83 Resp: 198440

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

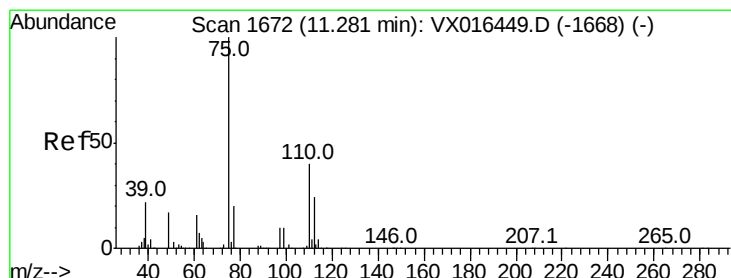
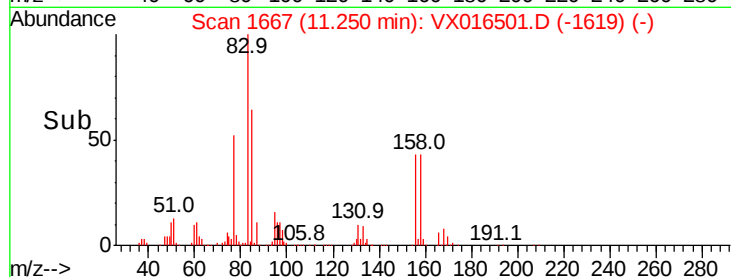
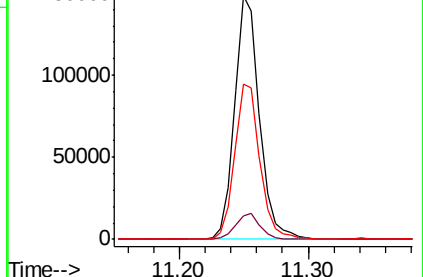
85 65.1 32.0 96.2



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: 68.173 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016501.D

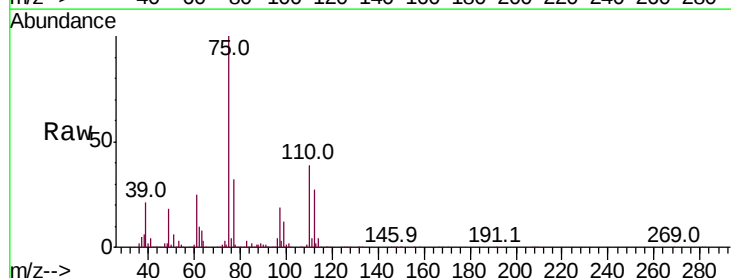
Acq: 29 May 2020 11:05

Tgt Ion: 75 Resp: 332868

Ion Ratio Lower Upper

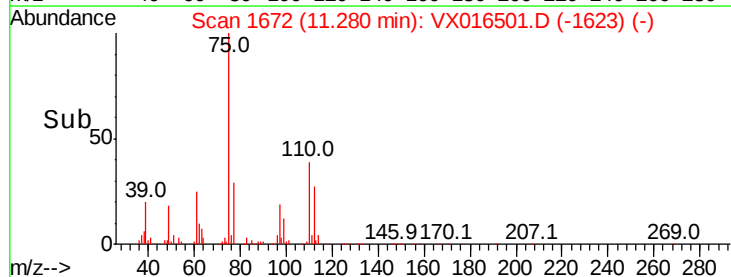
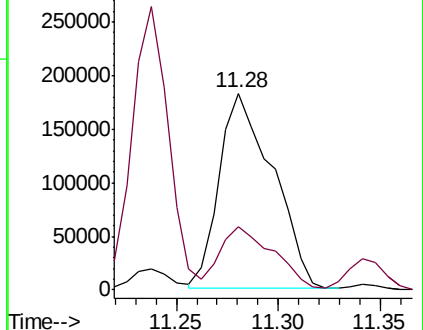
75 100

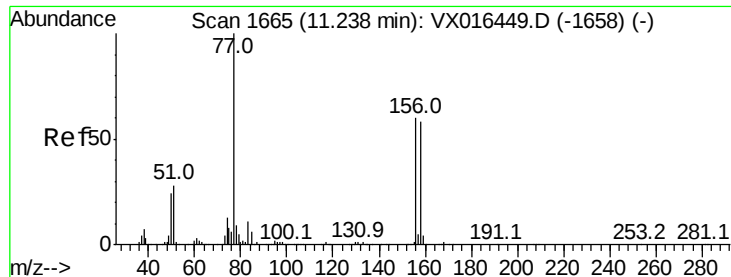
77 32.0 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.185 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

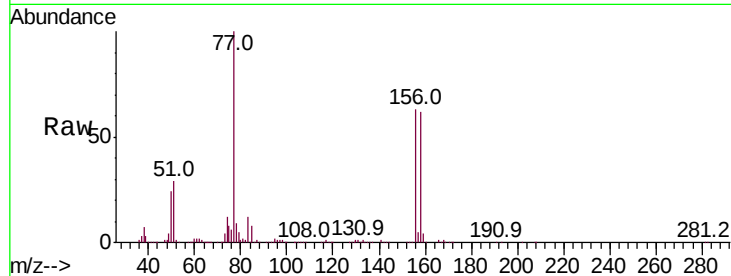
Tot Ion:156 Resp: 206625

Ion Ratio Lower Upper

156 100

77 159.5 79.6 238.8

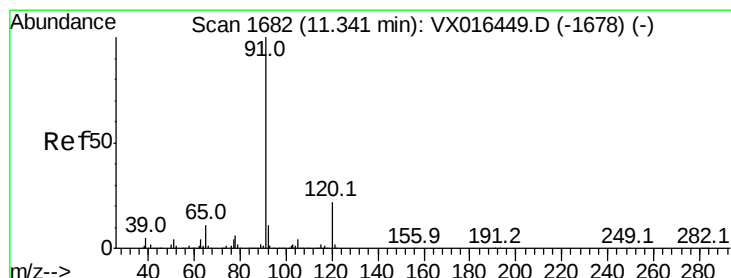
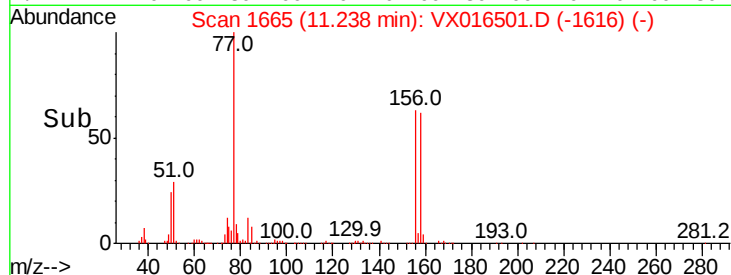
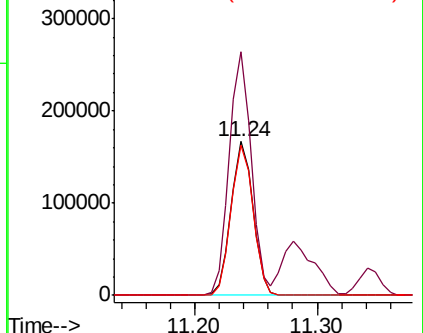
158 98.3 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.925 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016501.D

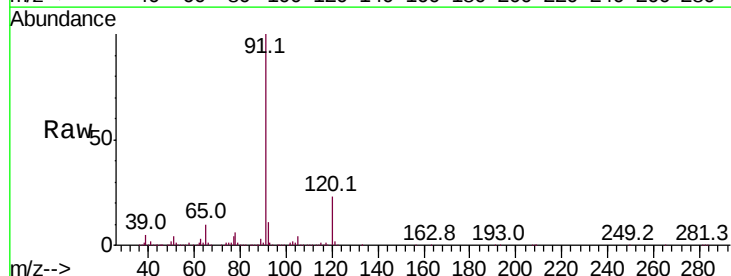
Acq: 29 May 2020 11:05

Tgt Ion: 91 Resp: 910068

Ion Ratio Lower Upper

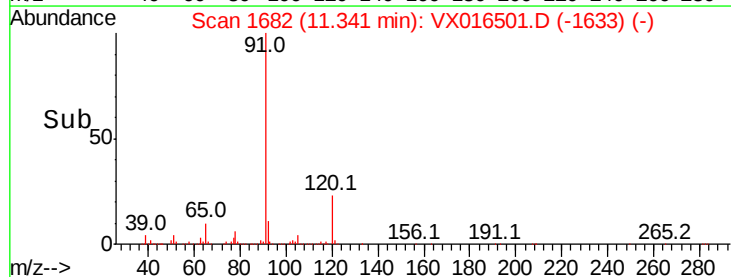
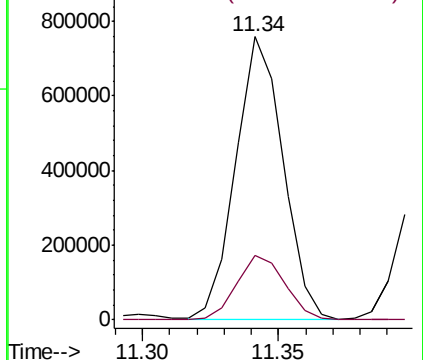
91 100

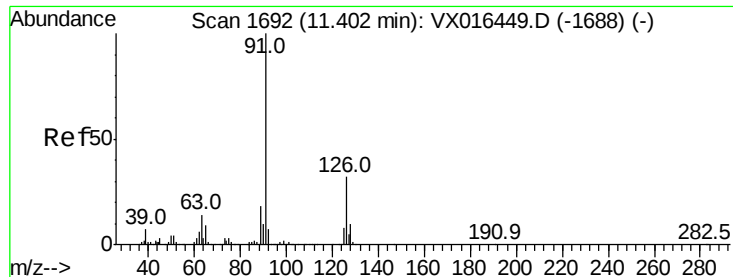
120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.381 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

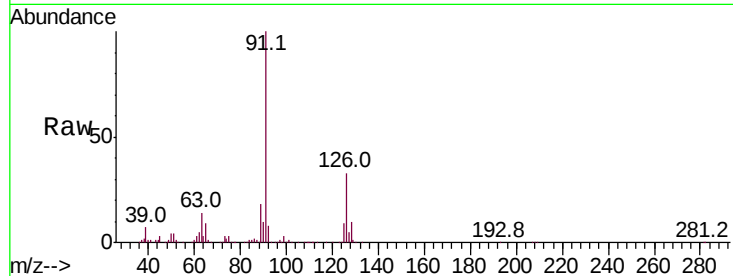
VSTDCCC050

Tot Ion: 91 Resp: 549797

Ion Ratio Lower Upper

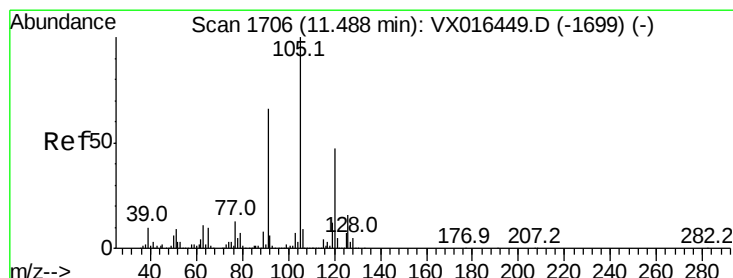
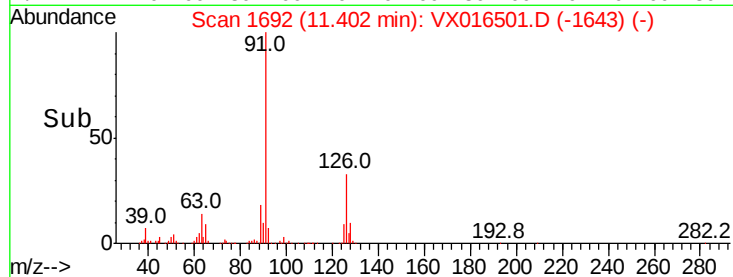
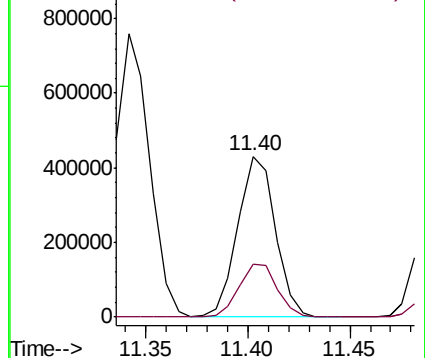
91 100

126 33.7 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.118 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016501.D

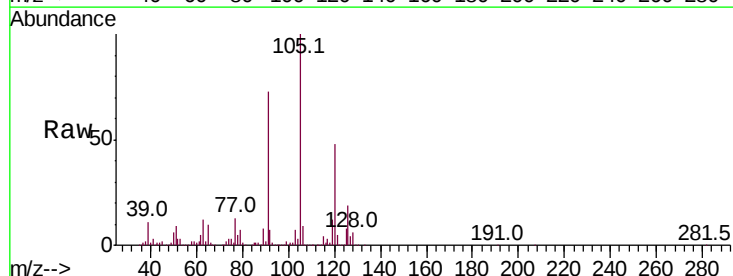
Acq: 29 May 2020 11:05

Tgt Ion:105 Resp: 682645

Ion Ratio Lower Upper

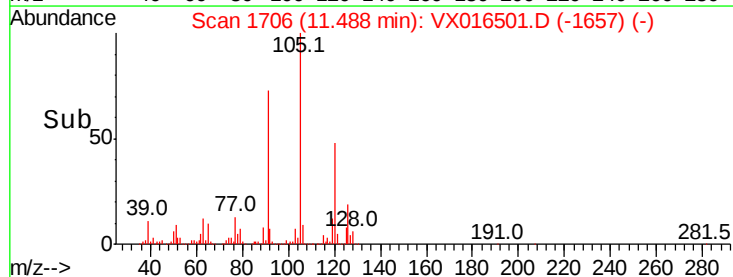
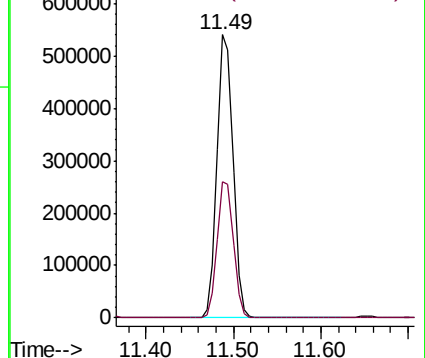
105 100

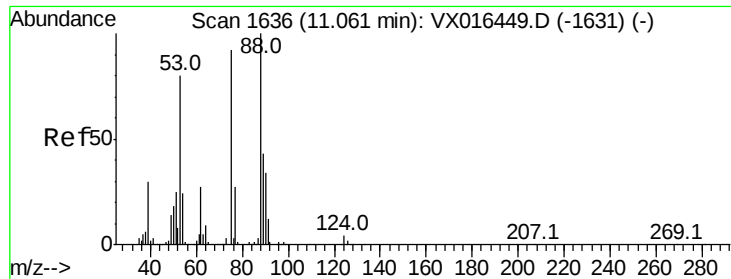
120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

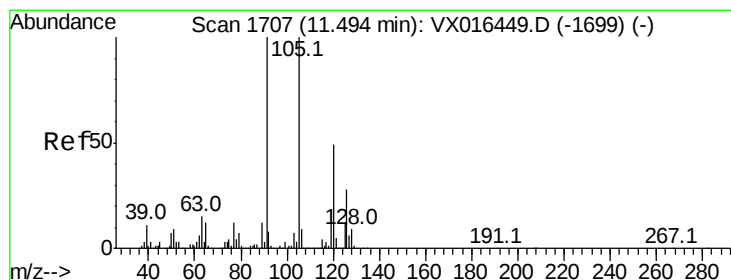
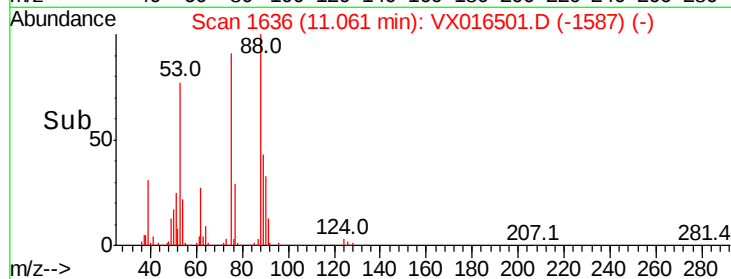
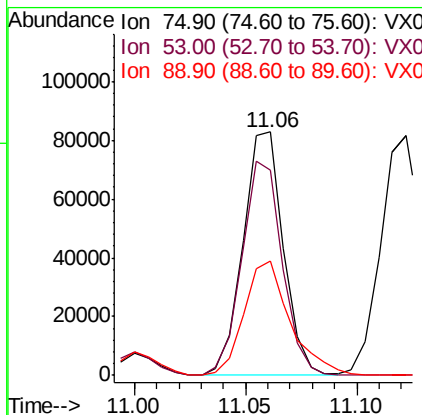
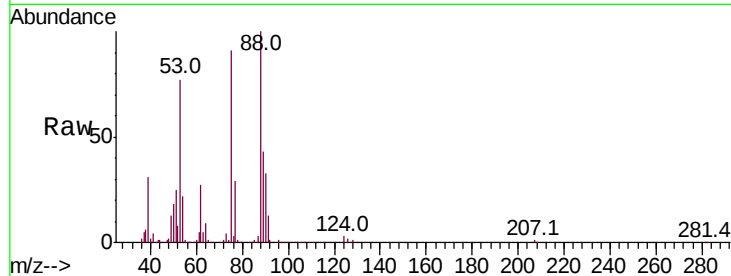




#81
trans-1,4-Dichloro-2-butene
Concen: 52.333 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

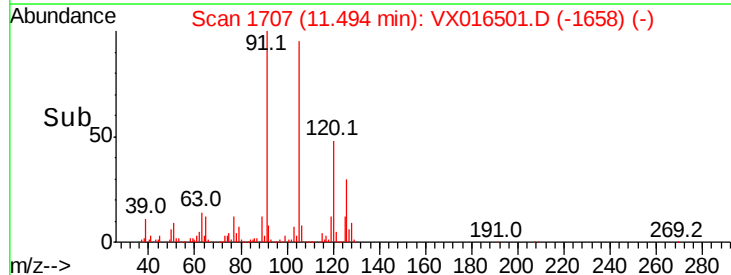
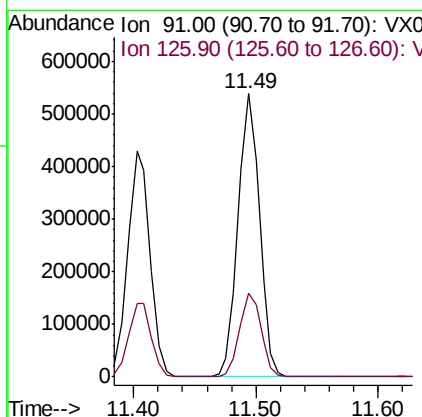
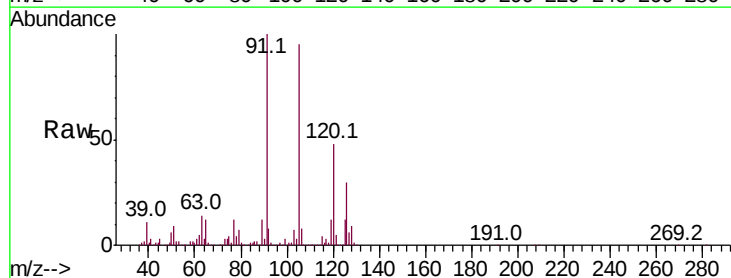
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

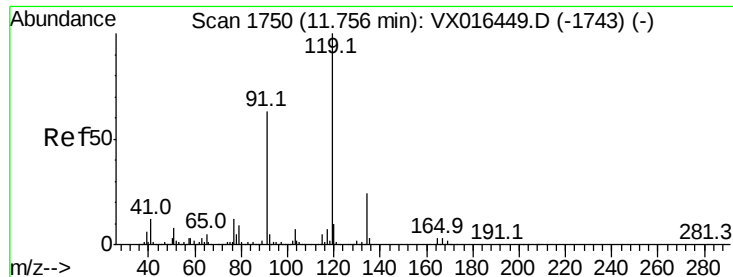
Tot Ion: 75 Resp: 103878
Ion Ratio Lower Upper
75 100
53 88.8 71.3 106.9
89 54.4 36.6 55.0



#82
4-Chlorotoluene
Concen: 52.711 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion: 91 Resp: 653335
Ion Ratio Lower Upper
91 100
126 29.7 14.7 44.1

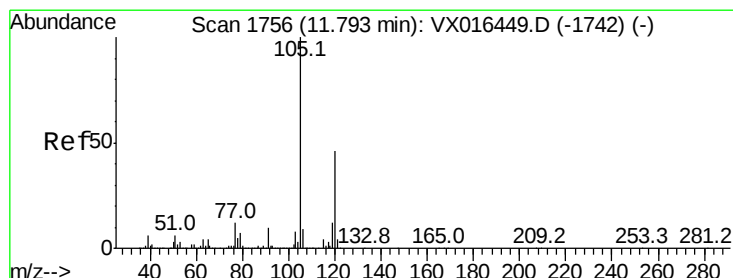
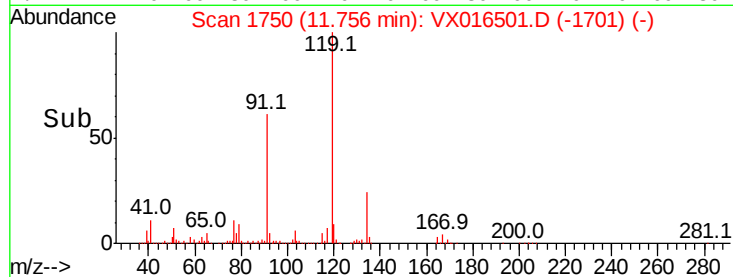
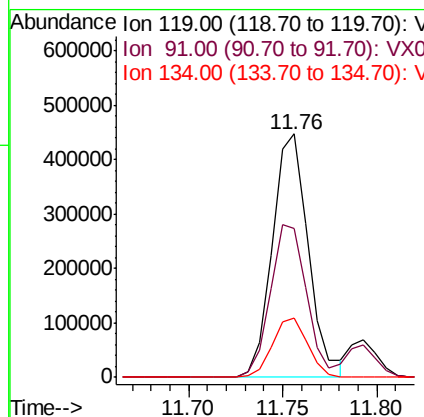
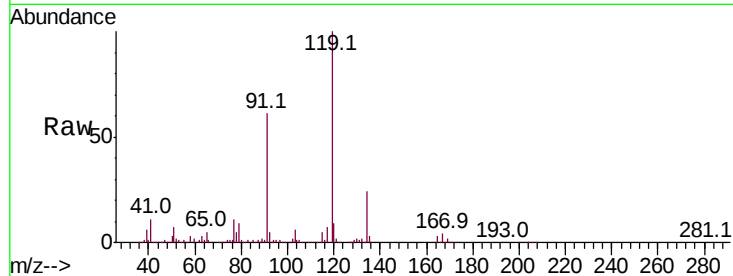




#83
tert-Butylbenzene
Concen: 53.959 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

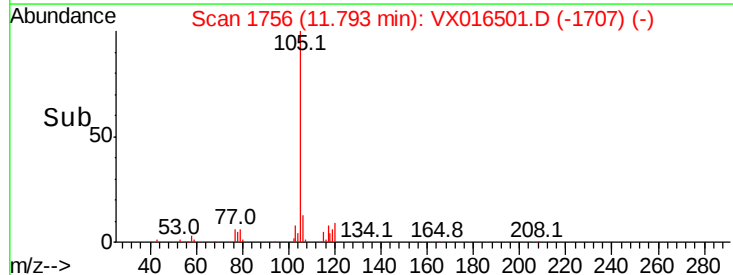
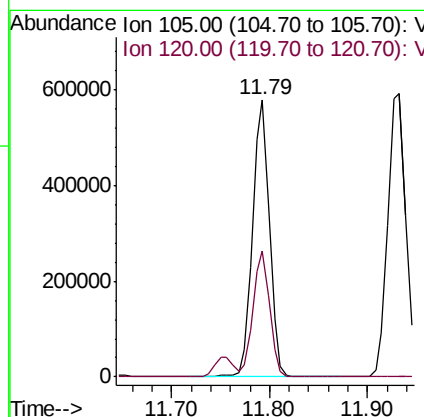
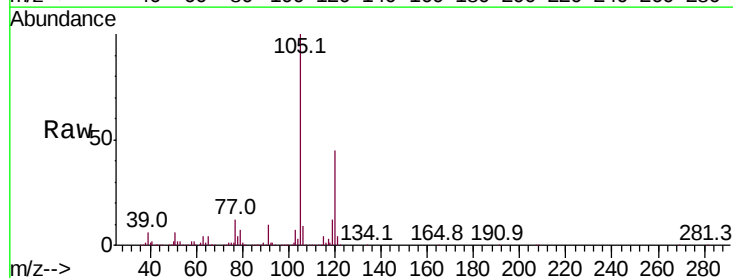
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

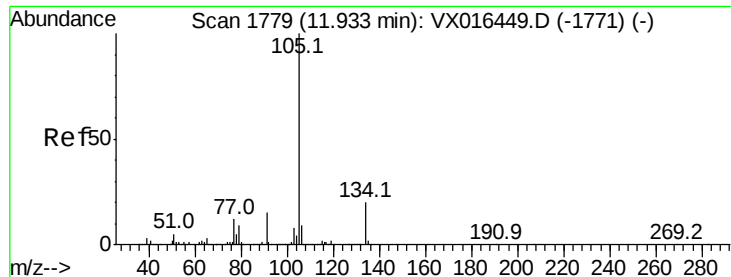
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.8	31.3	93.8
134	23.6	12.0	36.0



#84
1,2,4-Trimethylbenzene
Concen: 53.201 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.7





#85

sec-Butylbenzene

Concen: 54.841 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

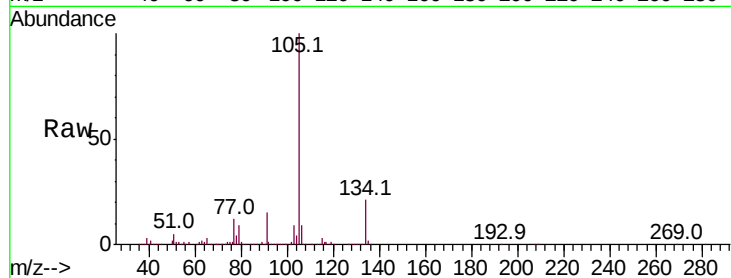
VSTDCCC050

Tot Ion:105 Resp: 755455

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

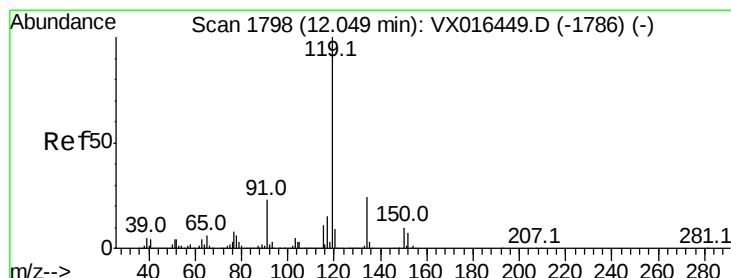
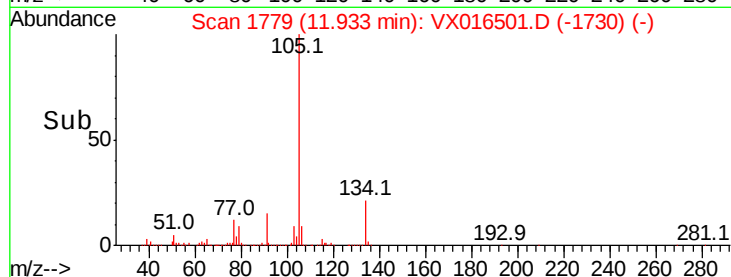
400000

200000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 55.358 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

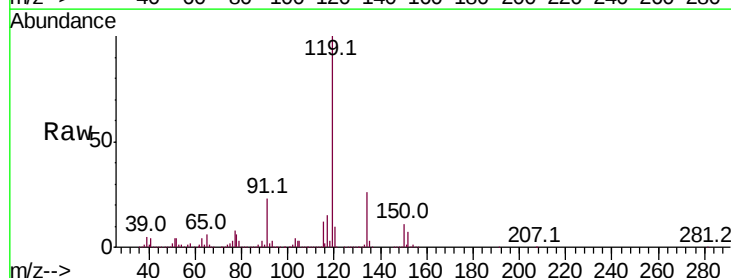
Tgt Ion:119 Resp: 714338

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

91 23.2 11.7 35.0



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

800000

600000

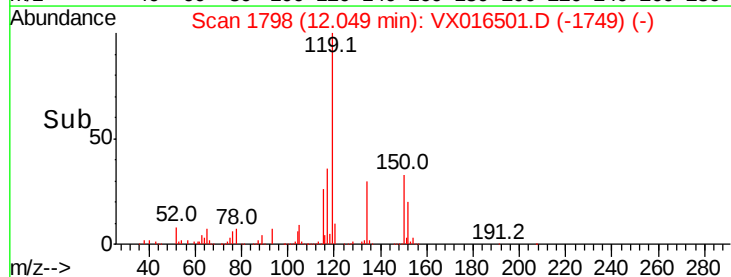
400000

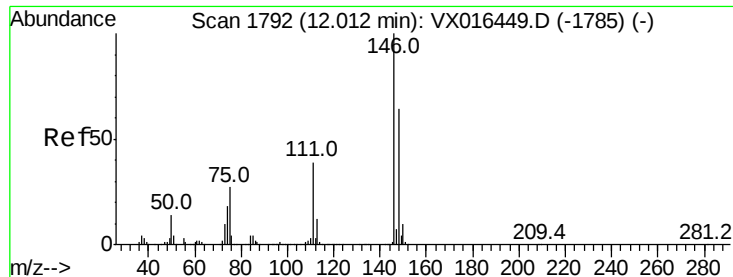
200000

0

12.00 12.10

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.153 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

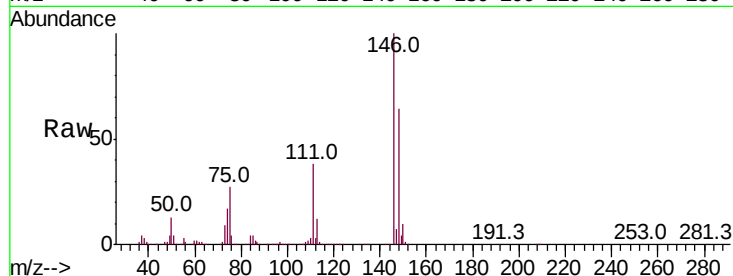
Tot Ion:146 Resp: 364749

Ion Ratio Lower Upper

146 100

111 40.3 20.0 60.0

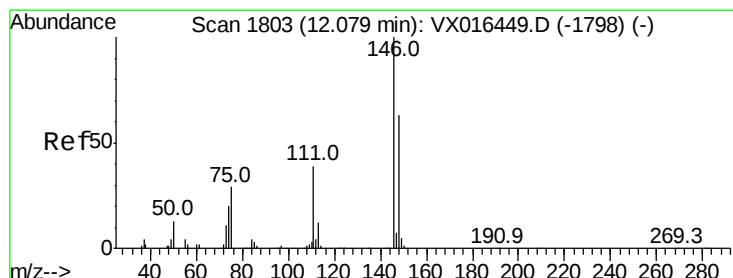
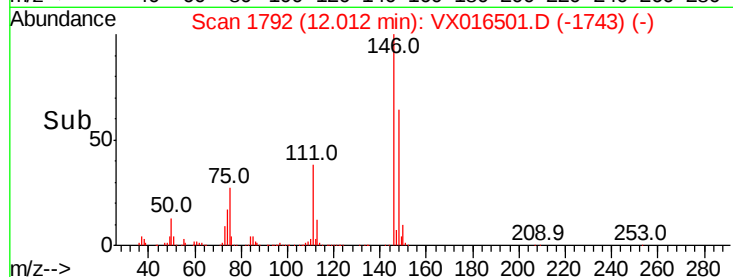
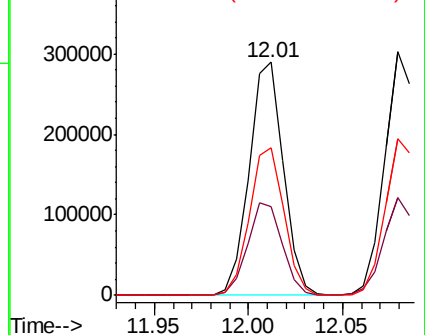
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 51.412 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

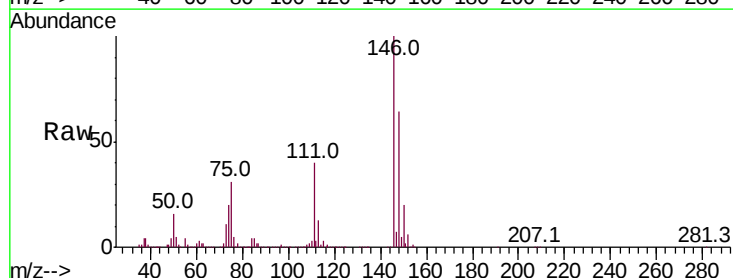
Tgt Ion:146 Resp: 367742

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

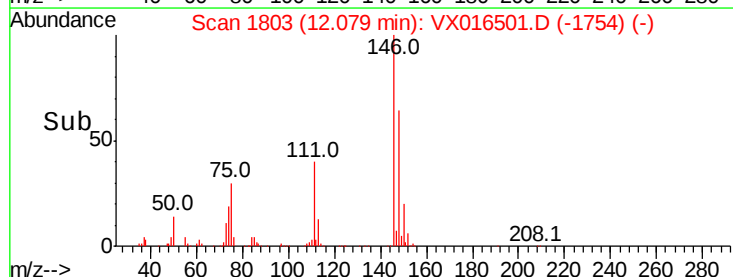
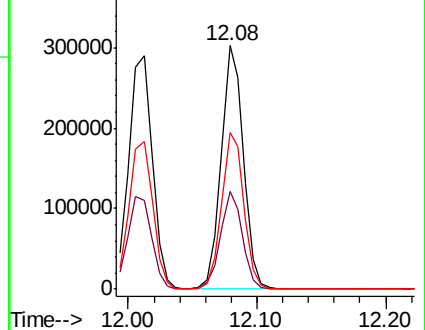
148 64.5 31.4 94.3

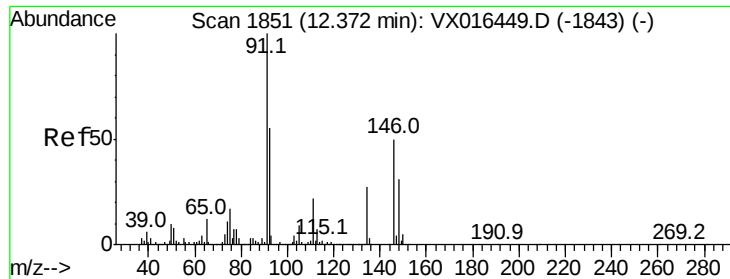


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

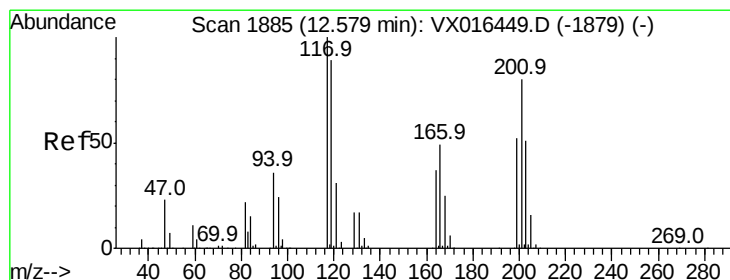
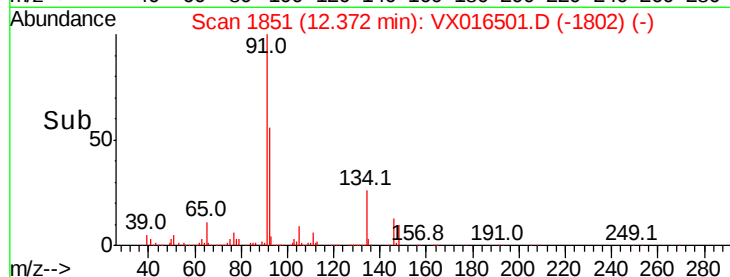
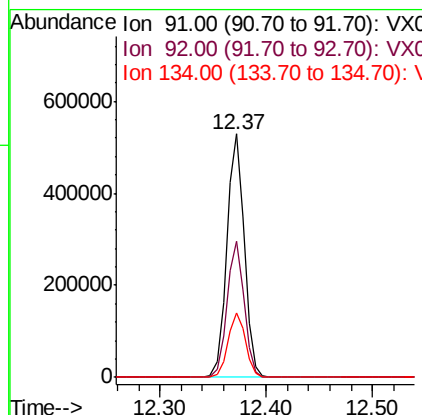
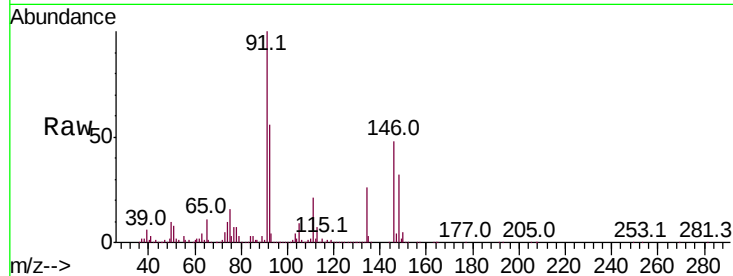




#89
n-Butylbenzene
Concen: 56.301 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

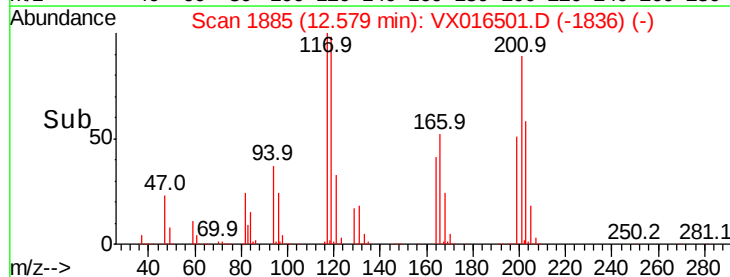
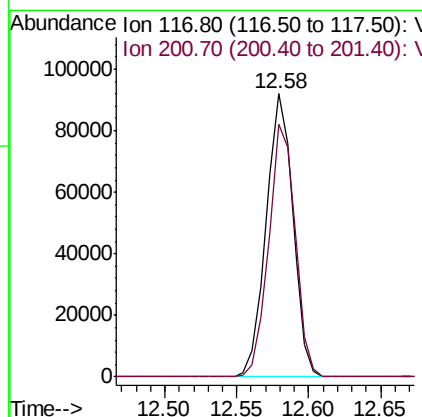
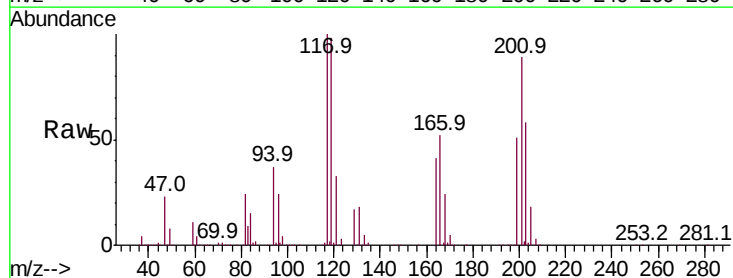
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

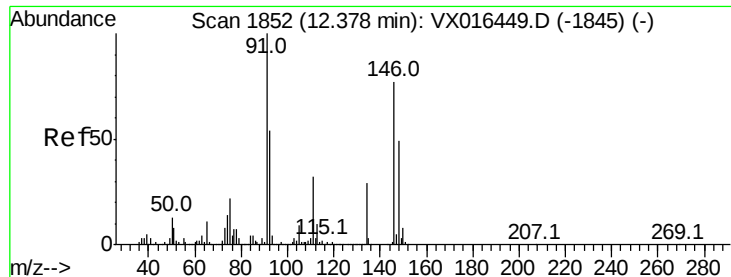
Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	26.5	13.1	39.3



#90
Hexachloroethane
Concen: 52.990 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016501.D
Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.4	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 50.223 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

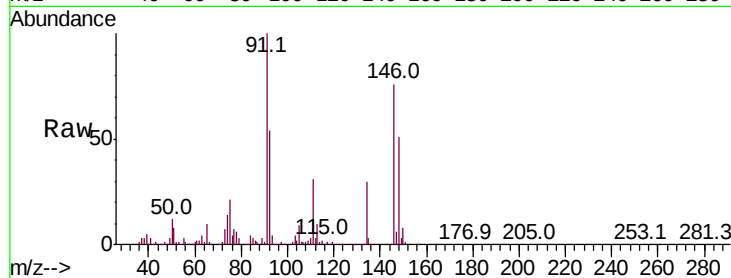
Tot Ion:146 Resp: 340303

Ion Ratio Lower Upper

146 100

111 41.8 21.4 64.3

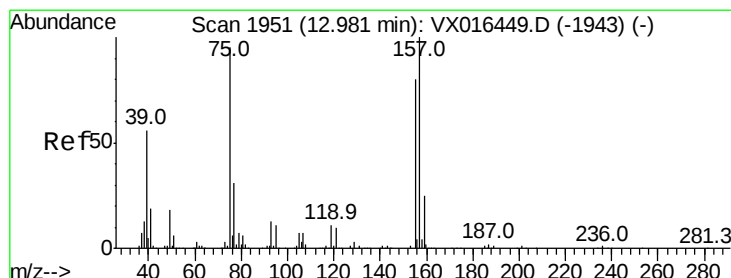
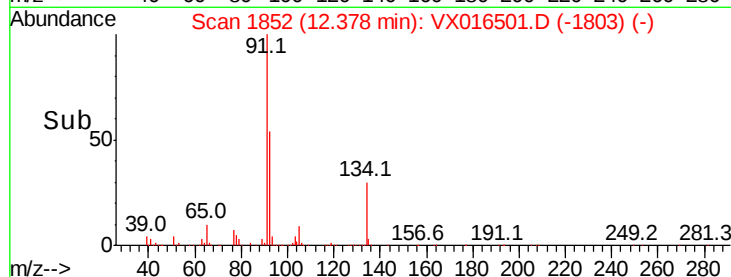
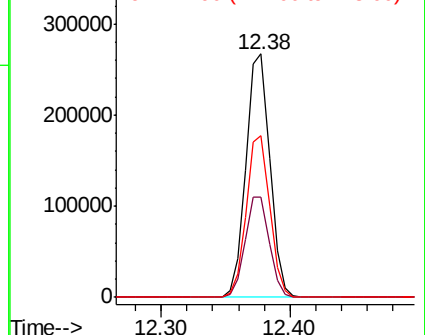
148 65.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.002 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

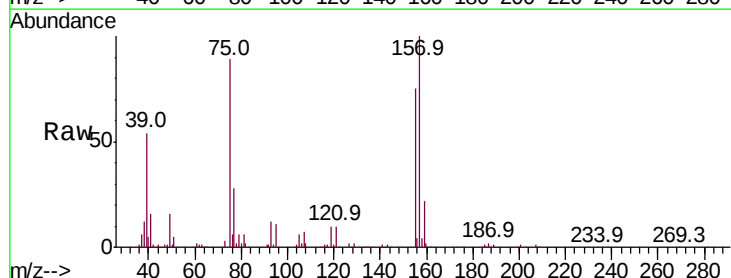
Tgt Ion: 75 Resp: 62474

Ion Ratio Lower Upper

75 100

155 85.8 44.1 132.4

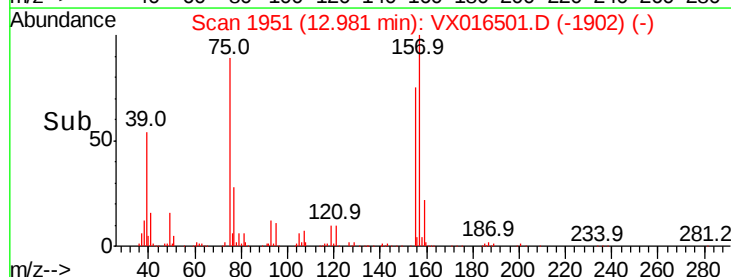
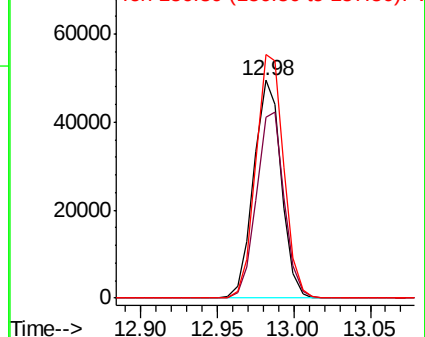
157 112.6 57.8 173.3

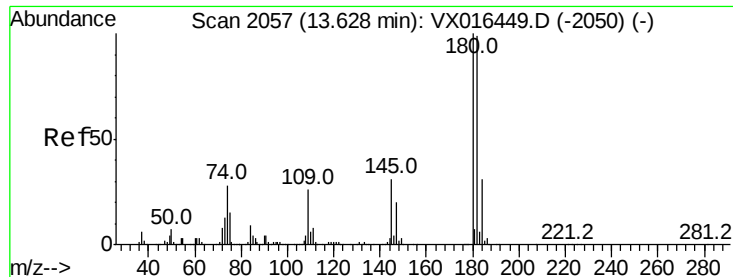


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

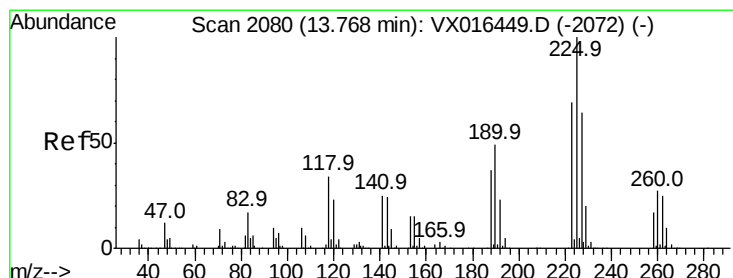
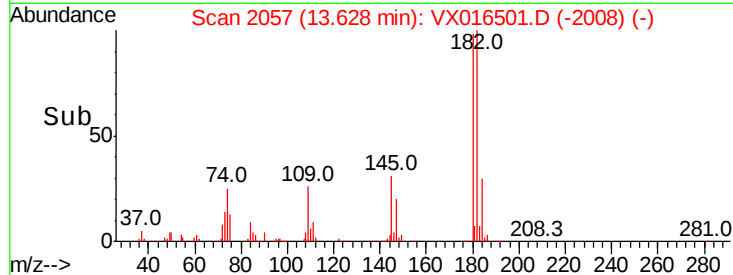
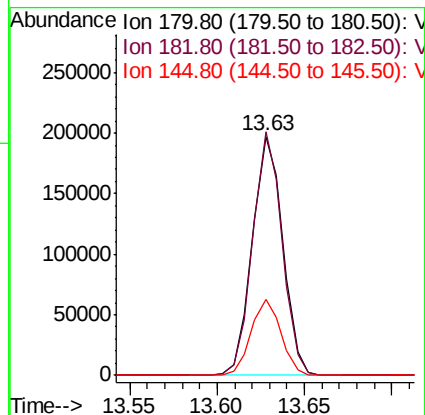
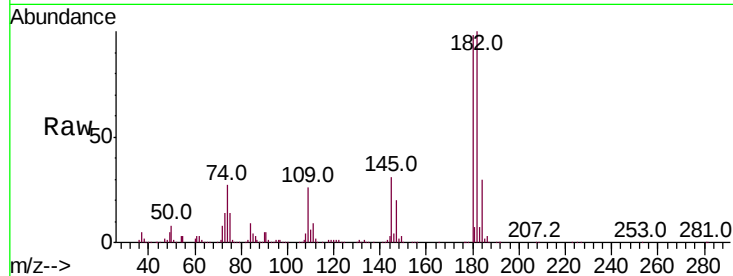




#93
 1,2,4-Trichlorobenzene
 Concen: 53.155 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

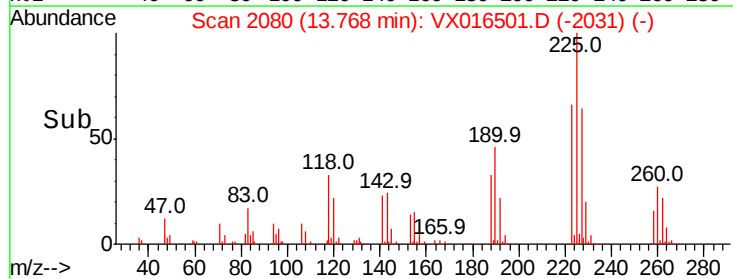
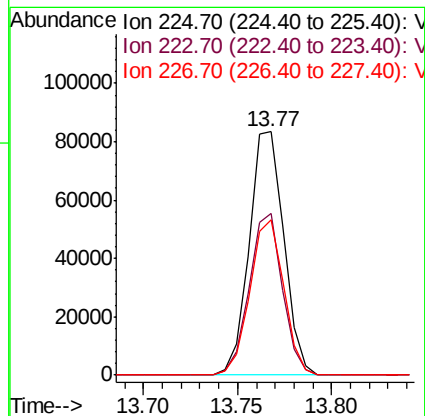
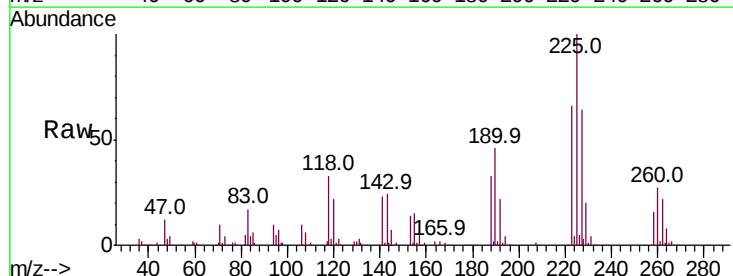
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

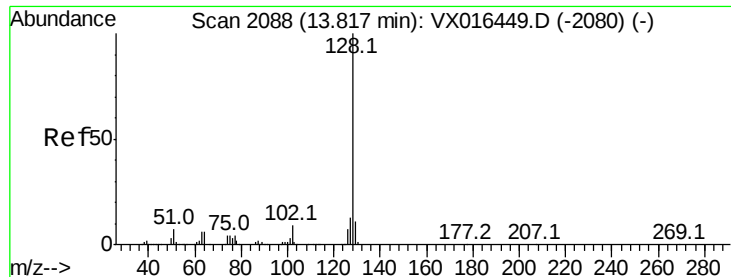
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.3	144.8
145	31.2	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 60.222 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016501.D
 Acq: 29 May 2020 11:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	32.3	96.8
227	62.5	31.6	94.7





#95

Naphthalene

Concen: 53.317 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

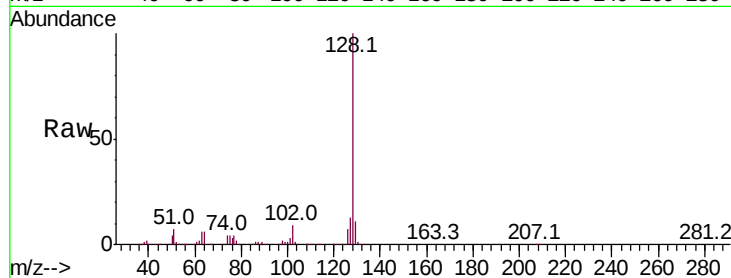
Tot Ion:128 Resp: 822522

Ion Ratio Lower Upper

128 100

127 12.6 10.6 15.8

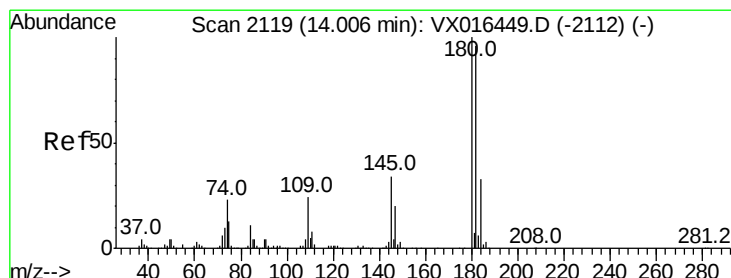
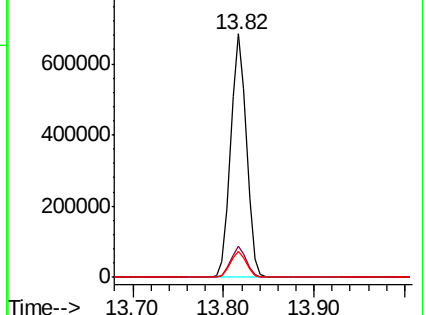
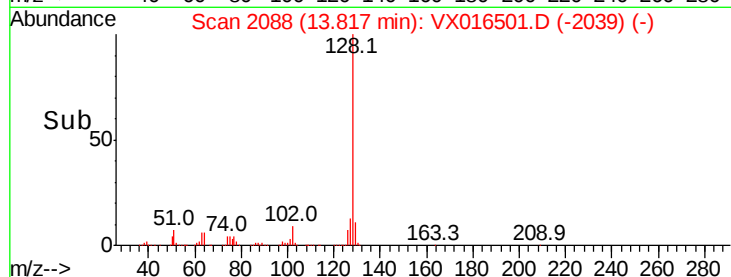
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 55.675 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016501.D

Acq: 29 May 2020 11:05

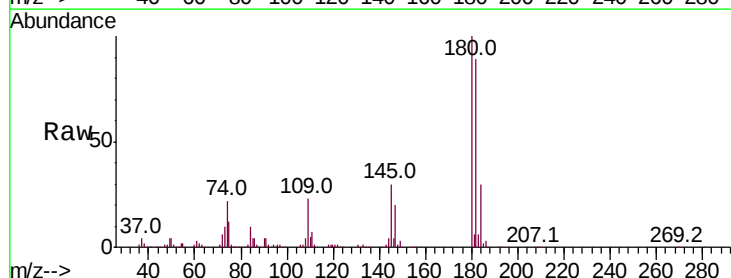
Tgt Ion:180 Resp: 245458

Ion Ratio Lower Upper

180 100

182 92.4 48.6 145.8

145 31.9 16.6 49.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

