

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
 Data File : VX017558.D
 Acq On : 24 Jul 2020 21:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 25 01:55:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	601224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	955717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	950886	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	495727	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	425045	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	5.46	113	312091	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	8.70	98	1254745	54.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.84%	
62) 4-Bromofluorobenzene	11.12	95	475087	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	320256	57.569	ug/l	98
3) Chloromethane	1.31	50	385644	51.878	ug/l	100
4) Vinyl Chloride	1.39	62	380873	50.342	ug/l	100
5) Bromomethane	1.62	94	214138	52.832	ug/l	97
6) Chloroethane	1.71	64	213313	51.148	ug/l	97
7) Trichlorofluoromethane	1.92	101	557529	46.851	ug/l	100
8) Diethyl Ether	2.17	74	194371	50.392	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	308645	47.264	ug/l	98
10) Methyl Iodide	2.49	142	347575	41.603	ug/l	98
11) Tert butyl alcohol	3.01	59	399779	245.612	ug/l	99
12) 1,1-Dichloroethene	2.36	96	305821	49.247	ug/l	94
13) Acrolein	2.28	56	279773	225.543	ug/l	100
14) Allyl chloride	2.71	41	556428	49.071	ug/l	100
15) Acrylonitrile	3.12	53	908906	258.535	ug/l	100
16) Acetone	2.42	43	827945	243.573	ug/l	98
17) Carbon Disulfide	2.55	76	870145	46.100	ug/l	99
18) Methyl Acetate	2.75	43	405246	50.621	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1048015	48.758	ug/l	100
20) Methylene Chloride	2.83	84	344043	53.840	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	321460	48.320	ug/l	97
22) Diisopropyl ether	3.83	45	1098389	52.977	ug/l	97
23) Vinyl Acetate	3.79	43	5064041	273.932	ug/l	99
24) 1,1-Dichloroethane	3.67	63	569524	47.684	ug/l	99
25) 2-Butanone	4.64	43	1375030	284.753	ug/l	97
26) 2,2-Dichloropropane	4.55	77	448024	41.906	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	354576	49.071	ug/l	98
28) Bromochloromethane	4.98	49	273198	50.476	ug/l	98
29) Tetrahydrofuran	5.09	42	892534	298.395	ug/l	97
30) Chloroform	5.18	83	631595	51.754	ug/l	96
31) Cyclohexane	5.55	56	497501	52.234	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	559738	48.639	ug/l	99
36) 1,1-Dichloropropene	5.77	75	449351	49.023	ug/l	99
37) Ethyl Acetate	4.80	43	493580	49.214	ug/l	100
38) Carbon Tetrachloride	5.76	117	517704	46.510	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	573679	53.613	ug/l	99
40) Benzene	6.12	78	1311086	49.891	ug/l	100
41) Methacrylonitrile	5.00	41	278221	48.398	ug/l	98
42) 1,2-Dichloroethane	6.17	62	516999	48.089	ug/l	100
43) Isopropyl Acetate	6.41	43	849965	51.365	ug/l	99
44) Trichloroethene	7.19	130	416404	54.220	ug/l	96
45) 1,2-Dichloropropane	7.49	63	389380	53.450	ug/l	99
46) Dibromomethane	7.64	93	266814	51.825	ug/l	98
47) Bromodichloromethane	7.88	83	547691	52.870	ug/l	99
48) Methyl methacrylate	7.74	41	460014	56.082	ug/l	99
49) 1,4-Dioxane	7.71	88	171475	1090.381	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2751750	278.705	ug/l	99
52) Toluene	8.77	92	887525	52.662	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	582757	50.254	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	627190	53.025	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	357817	50.966	ug/l	99
56) Ethyl methacrylate	9.16	69	577165	54.567	ug/l	99
57) 1,3-Dichloropropane	9.35	76	600272	51.925	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1531755	274.876	ug/l	99
59) 2-Hexanone	9.48	43	2019446	271.668	ug/l	100
60) Dibromochloromethane	9.57	129	432541	48.473	ug/l	100
61) 1,2-Dibromoethane	9.65	107	376603	50.385	ug/l	99
64) Tetrachloroethene	9.32	164	374580	43.890	ug/l	96
65) Chlorobenzene	10.12	112	974280	47.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	382426	46.038	ug/l	99
67) Ethyl Benzene	10.24	91	1648266	47.975	ug/l	98
68) m/p-Xylenes	10.34	106	1253280	94.162	ug/l	99
69) o-Xylene	10.68	106	567085	44.300	ug/l	99
70) Styrene	10.70	104	999191	45.877	ug/l	99
71) Bromoform	10.84	173	332668	46.225	ug/l #	98
73) Isopropylbenzene	11.01	105	1632107	47.992	ug/l	99
74) N-amyl acetate	10.88	43	771858	51.083	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	487736	45.948	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	628113	61.596	ug/l	82
77) Bromobenzene	11.24	156	439460	46.159	ug/l	99
78) n-propylbenzene	11.34	91	1996968	52.065	ug/l	100
79) 2-Chlorotoluene	11.40	91	1188622	50.027	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1412092	48.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	182640	45.131	ug/l	99
82) 4-Chlorotoluene	11.49	91	1333472	47.578	ug/l	100
83) tert-Butylbenzene	11.76	119	1437390	51.735	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1549544	53.655	ug/l	100
85) sec-Butylbenzene	11.93	105	1714278	52.966	ug/l	100
86) p-Isopropyltoluene	12.05	119	1595225	51.756	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	773470	47.310	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	761058	44.941	ug/l	99
89) n-Butylbenzene	12.37	91	1262783	45.979	ug/l	99
90) Hexachloroethane	12.58	117	272513	44.847	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	730029	45.432	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	125871	42.346	ug/l	98

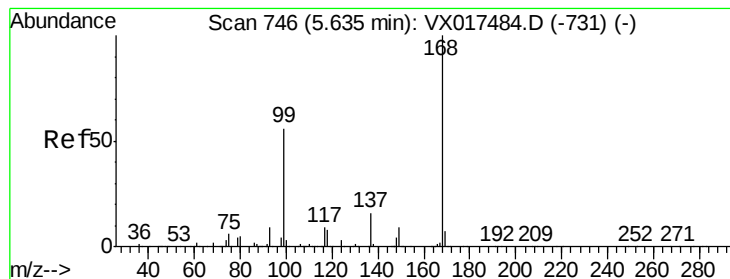
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	540814	49.315	ug/l	98
94) Hexachlorobutadiene	13.77	225	226428	44.854	ug/l	97
95) Naphthalene	13.82	128	1644954	50.247	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	517066	47.752	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

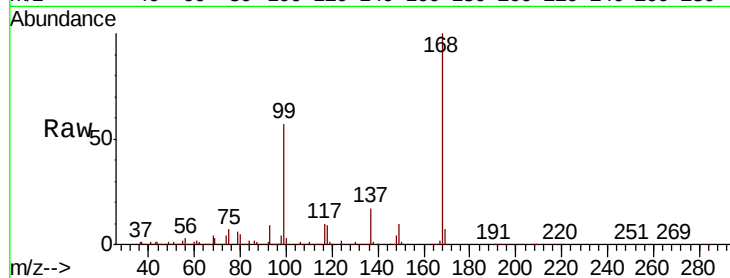
VSTDCCC050EC

Tot Ion:168 Resp: 601224

Ion Ratio Lower Upper

168 100

99 56.7 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

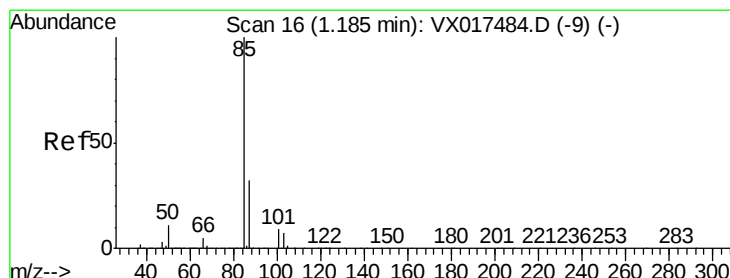
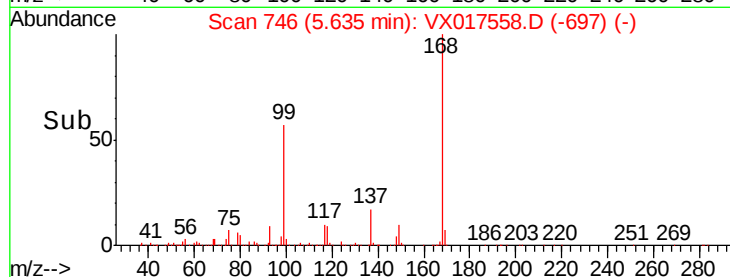
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.569 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017558.D

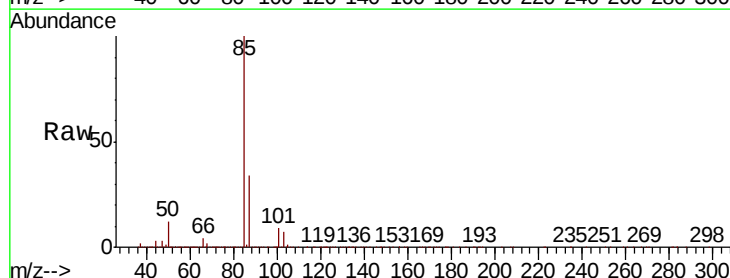
Acq: 24 Jul 2020 21:04

Tgt Ion: 85 Resp: 320256

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

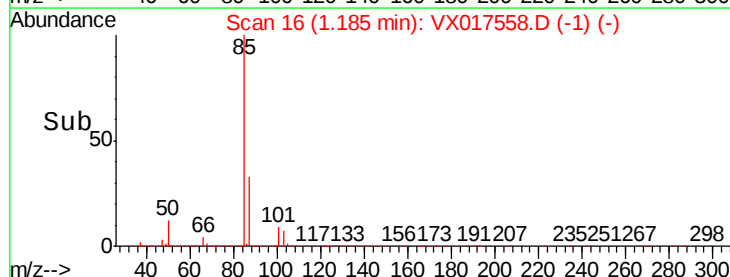
300000

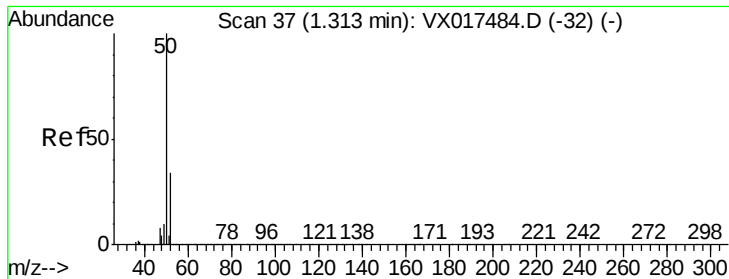
200000

100000

0

Time-->





#3

Chloromethane

Concen: 51.878 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

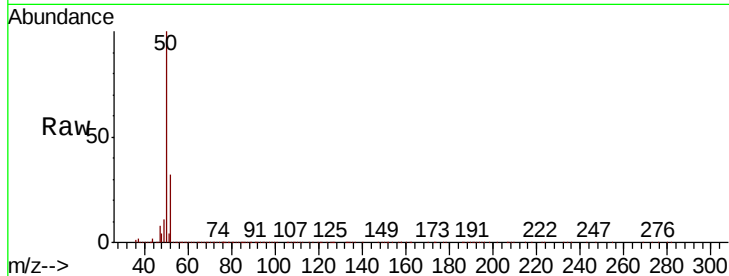
VSTDCCC050EC

Tot Ion: 50 Resp: 385644

Ion Ratio Lower Upper

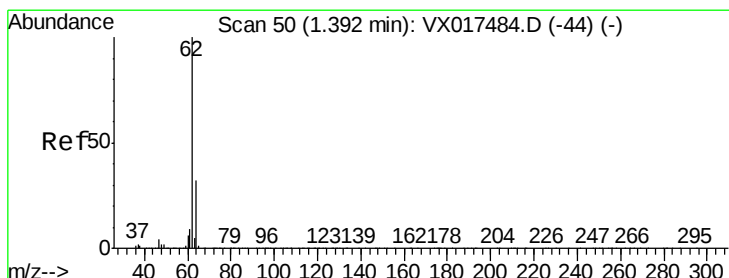
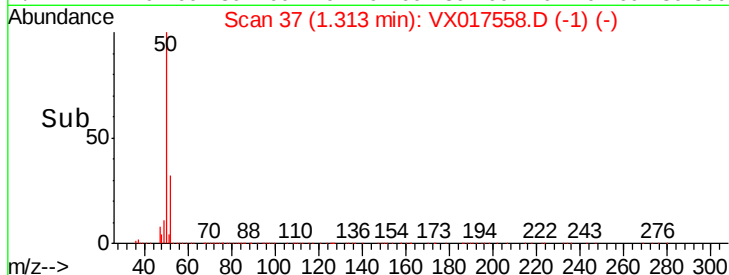
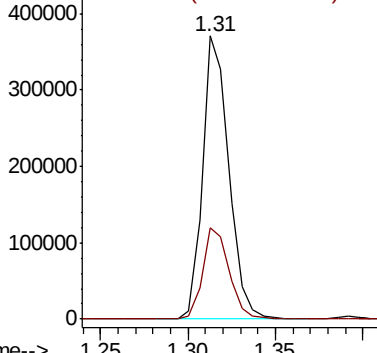
50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.342 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017558.D

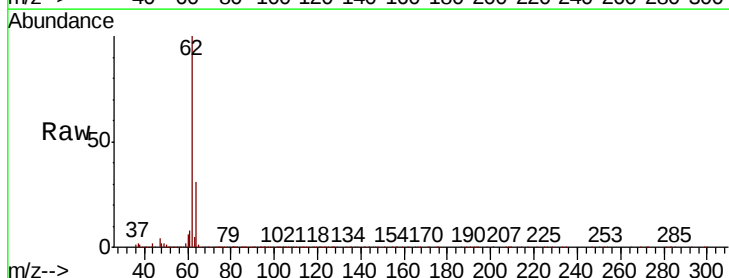
Acq: 24 Jul 2020 21:04

Tgt Ion: 62 Resp: 380873

Ion Ratio Lower Upper

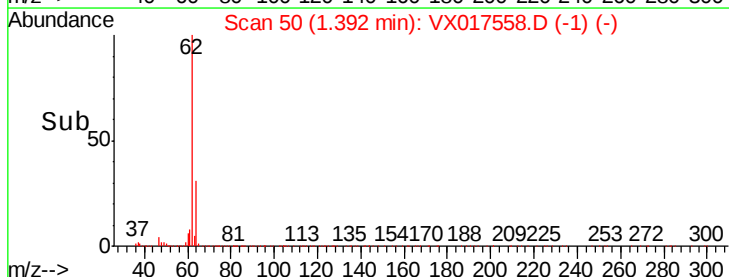
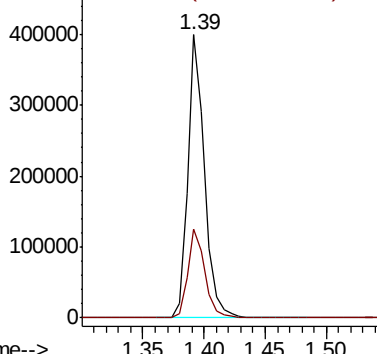
62 100

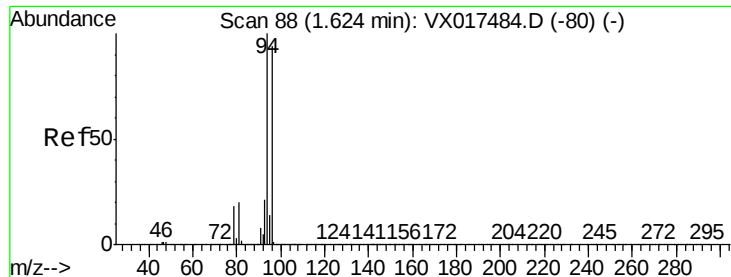
64 31.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 52.832 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

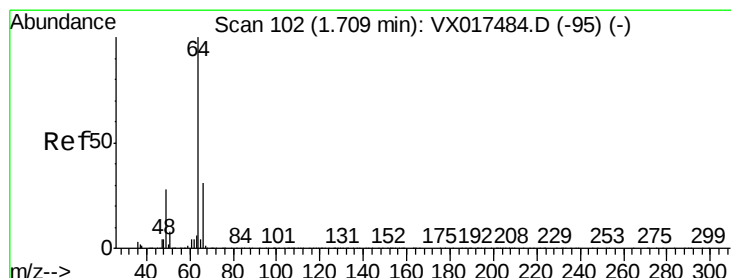
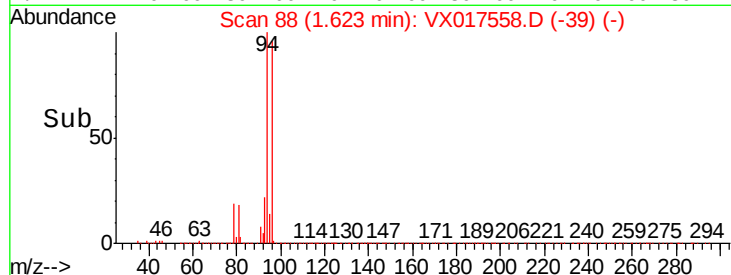
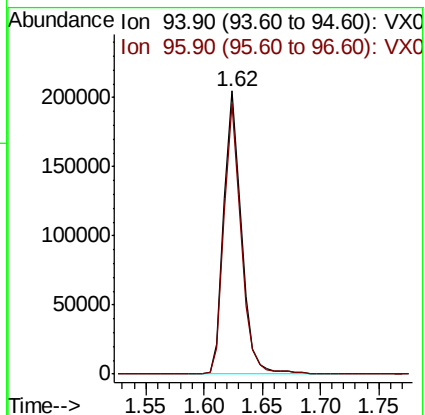
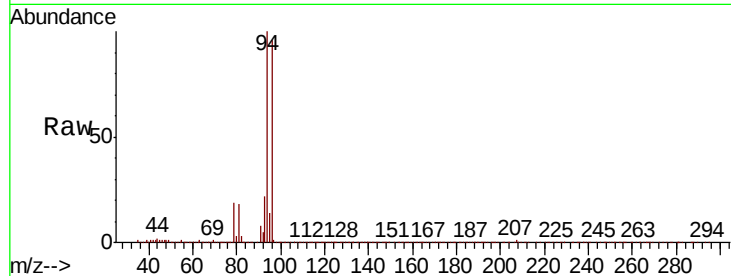
VSTDCCC050EC

Tot Ion: 94 Resp: 214138

Ion Ratio Lower Upper

94 100

96 95.6 74.1 111.1



#6

Chloroethane

Concen: 51.148 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017558.D

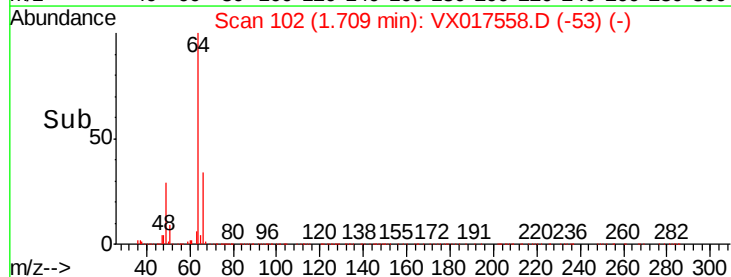
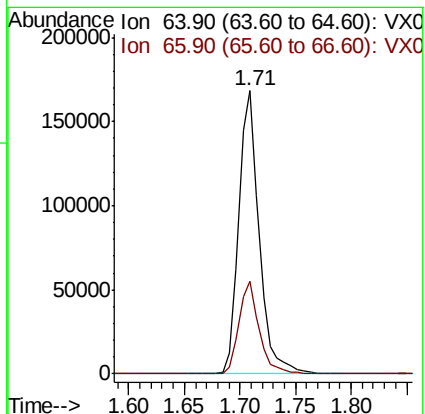
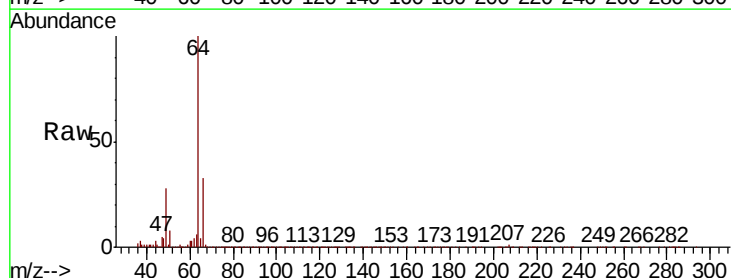
Acq: 24 Jul 2020 21:04

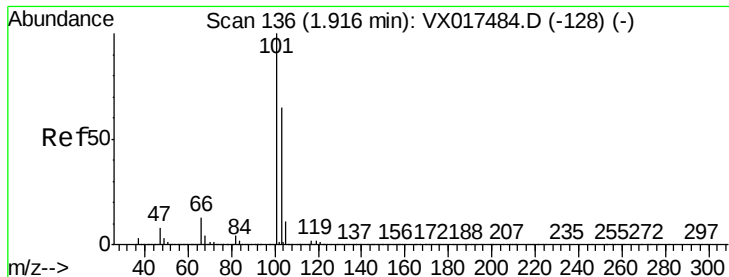
Tgt Ion: 64 Resp: 213313

Ion Ratio Lower Upper

64 100

66 32.6 24.9 37.3



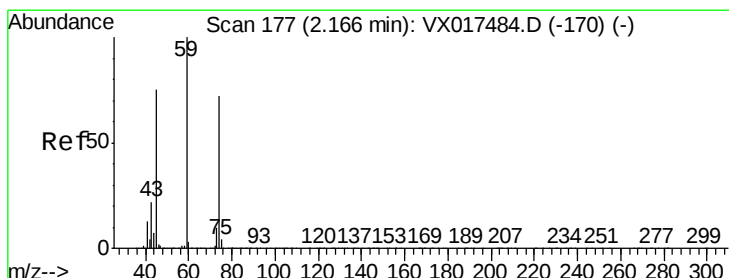
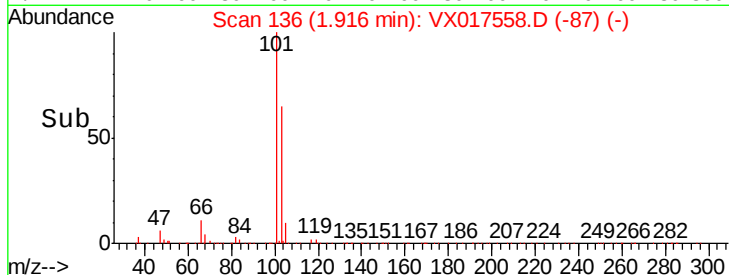
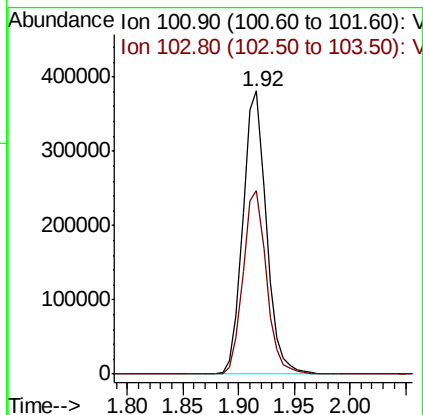
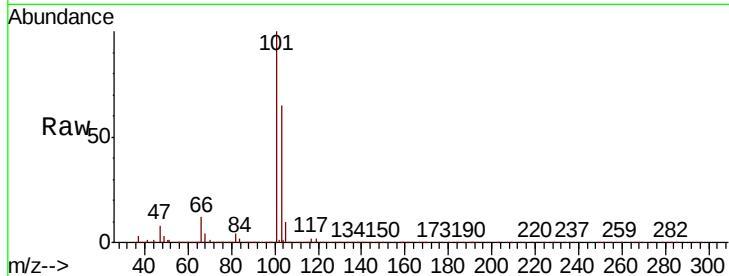


#7

Trichlorofluoromethane
Concen: 46.851 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Instrument :
MSVOA_X
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VSTDCCC050EC

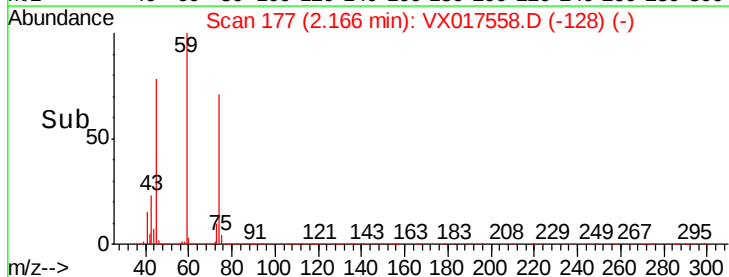
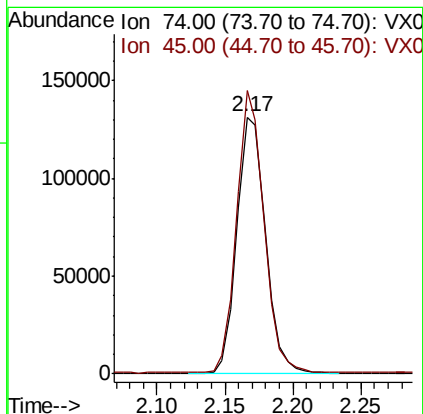
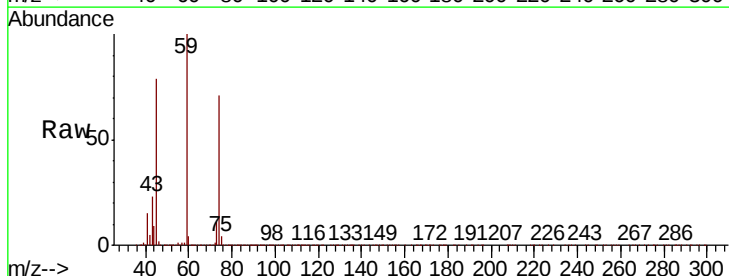
Tot Ion:101 Resp: 557529
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8

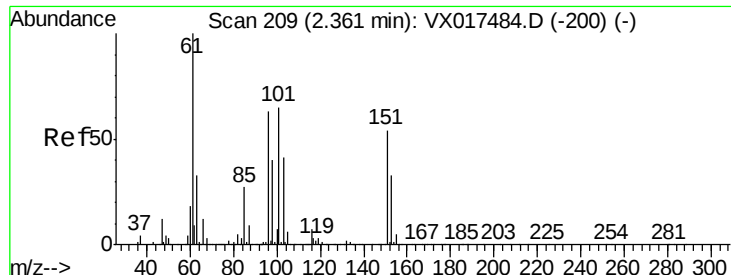


#8

Diethyl Ether
Concen: 50.392 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 74 Resp: 194371
Ion Ratio Lower Upper
74 100
45 103.7 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.264 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

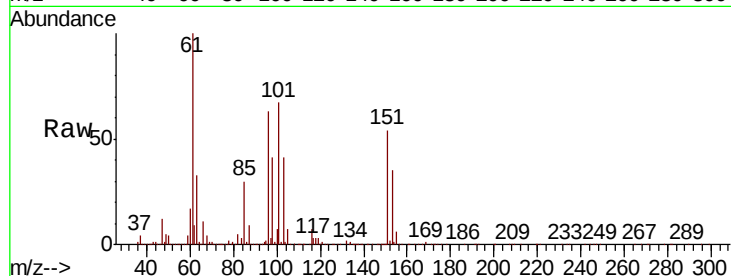
Tot Ion:101 Resp: 308645

Ion Ratio Lower Upper

101 100

85 43.6 34.8 52.2

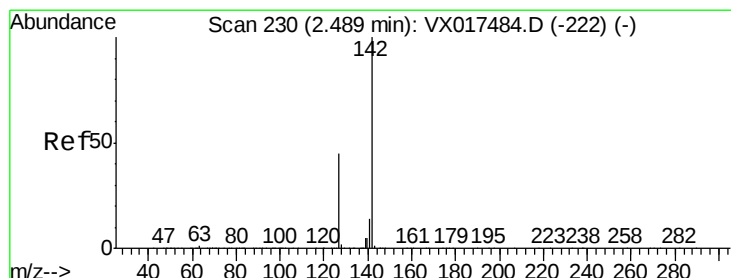
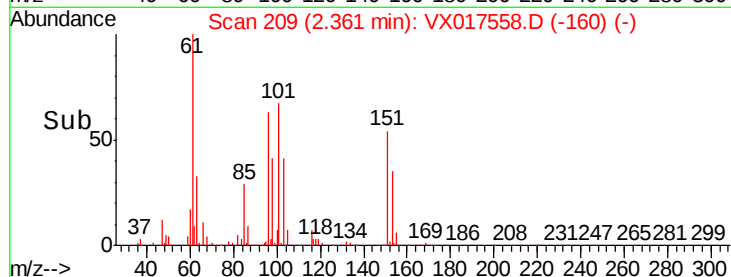
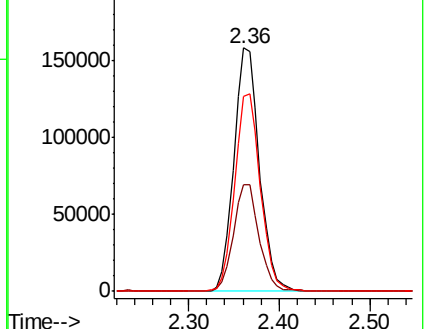
151 81.7 68.0 102.0



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: 41.603 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

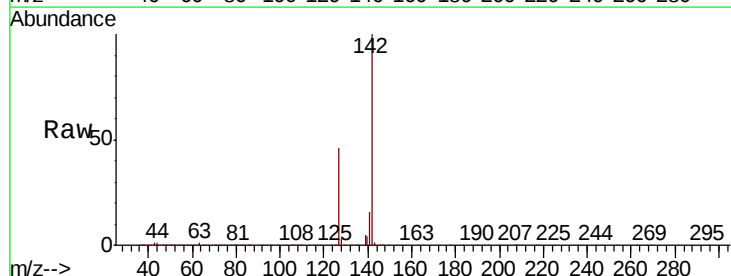
Tgt Ion:142 Resp: 347575

Ion Ratio Lower Upper

142 100

127 46.0 35.9 53.9

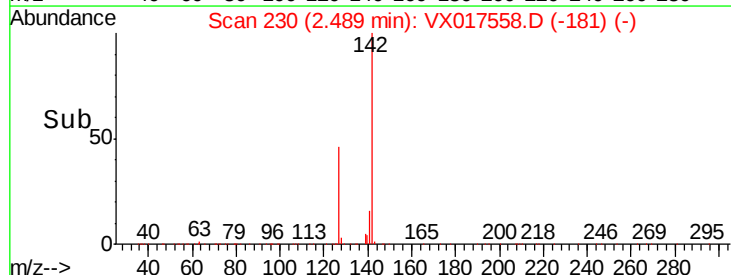
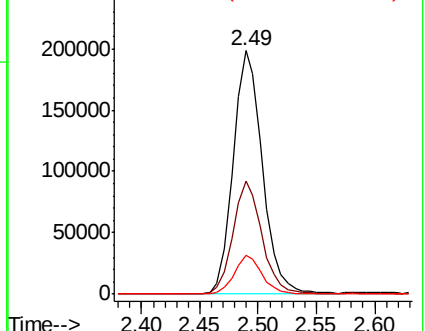
141 15.0 11.4 17.0

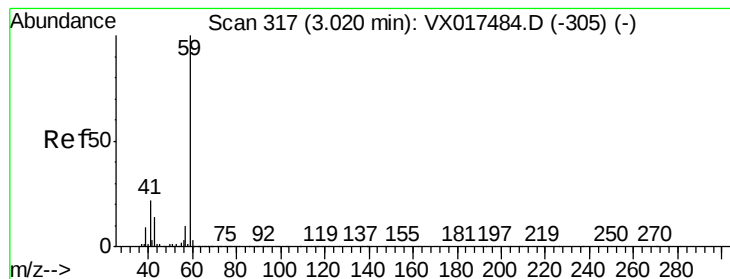


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



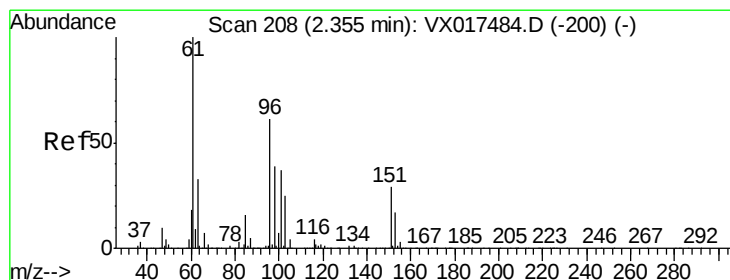
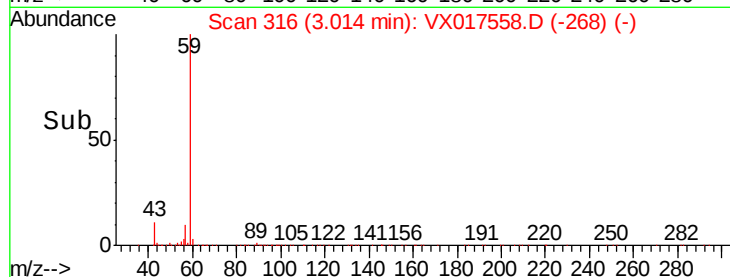
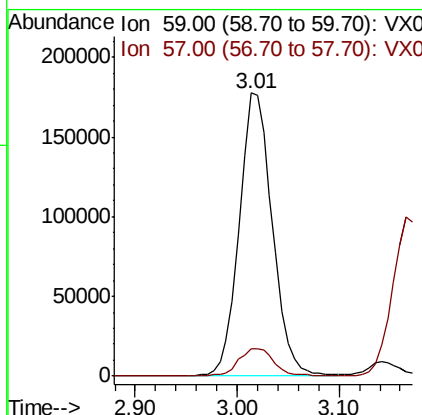
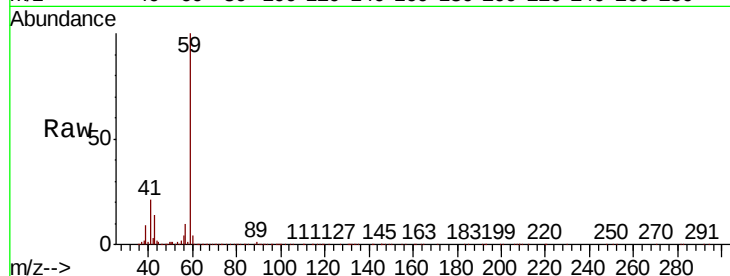


#11

Tert butyl alcohol
Concen: 245.612 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

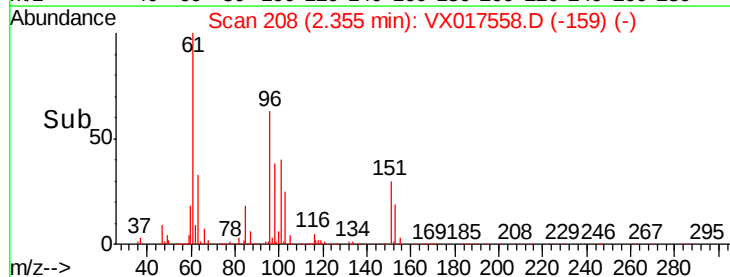
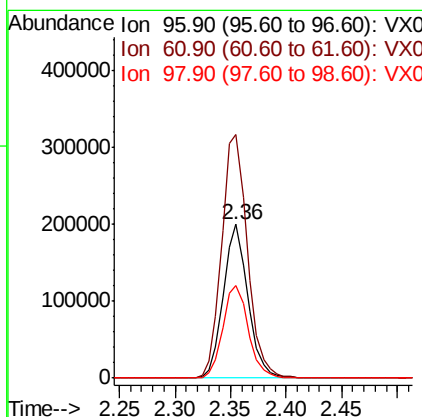
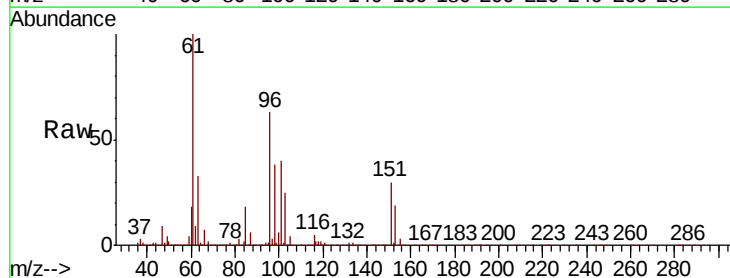
Tot Ion: 59 Resp: 399779
Ion Ratio Lower Upper
59 100
57 10.3 8.6 12.8

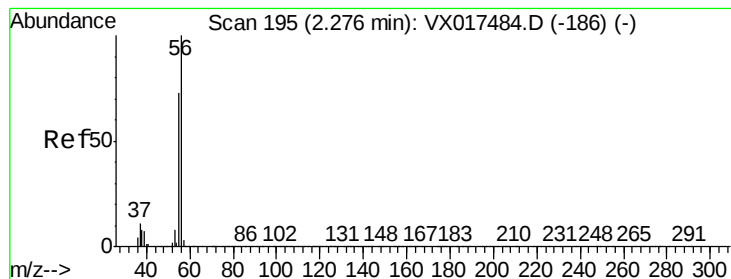


#12

1,1-Dichloroethene
Concen: 49.247 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 96 Resp: 305821
Ion Ratio Lower Upper
96 100
61 158.6 134.0 201.0
98 60.7 51.0 76.4





#13

Acrolein

Concen: 225.543 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

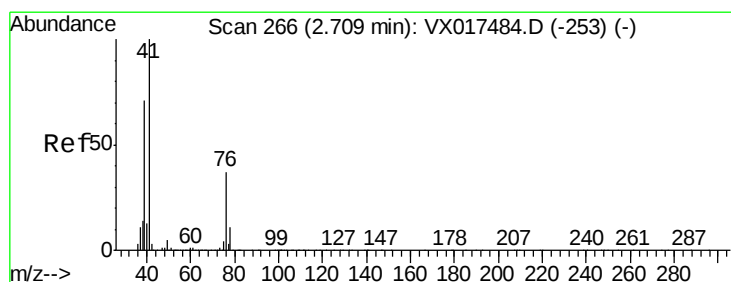
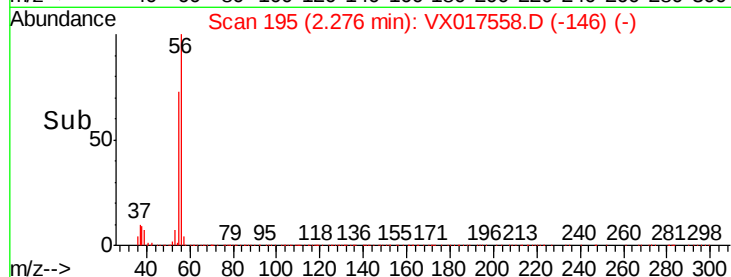
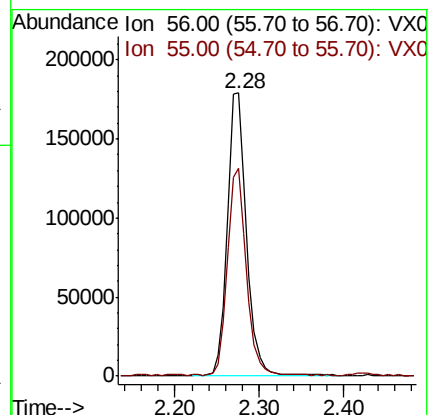
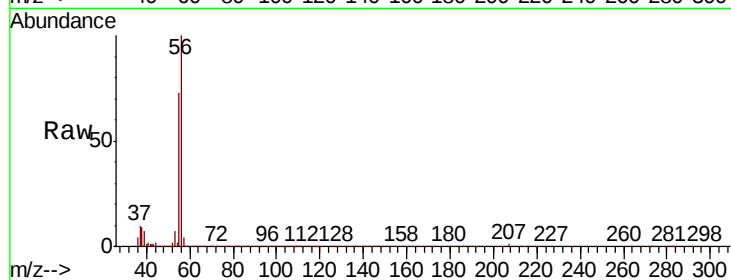
VSTDCCC050EC

Tot Ion: 56 Resp: 279773

Ion Ratio Lower Upper

56 100

55 71.8 57.4 86.2



#14

Allyl chloride

Concen: 49.071 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

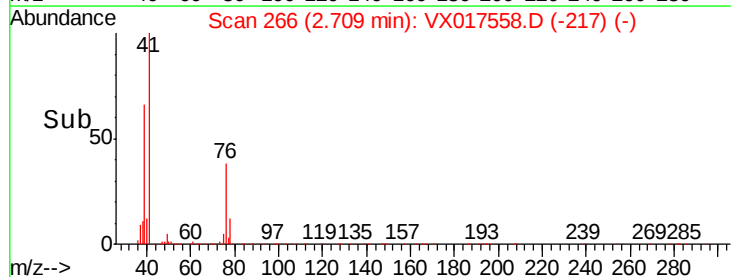
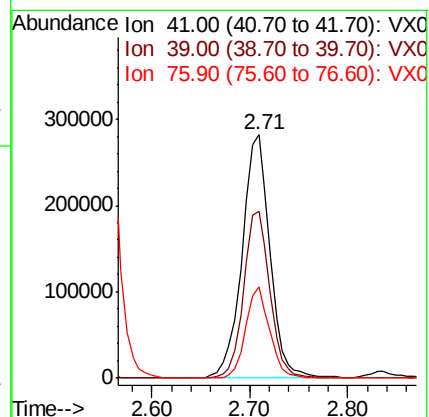
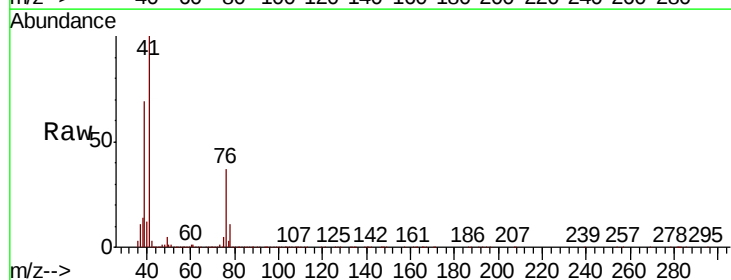
Tgt Ion: 41 Resp: 556428

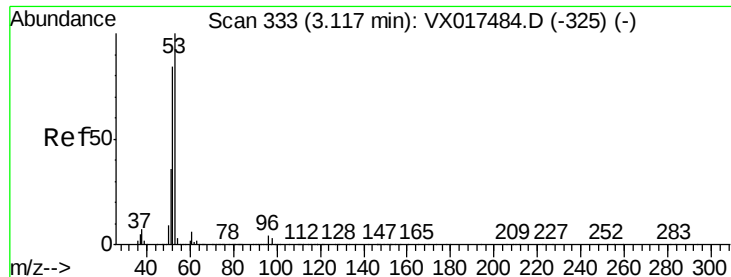
Ion Ratio Lower Upper

41 100

39 65.1 51.9 77.9

76 31.9 25.5 38.3





#15

Acrylonitrile

Concen: 258.535 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

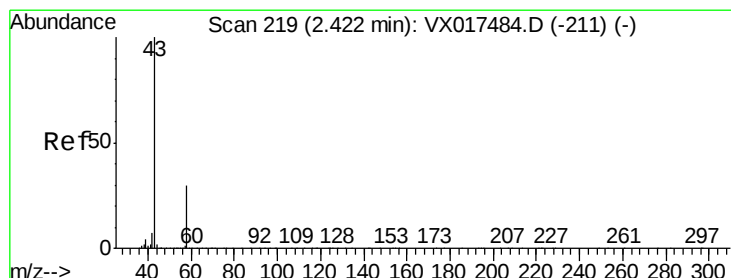
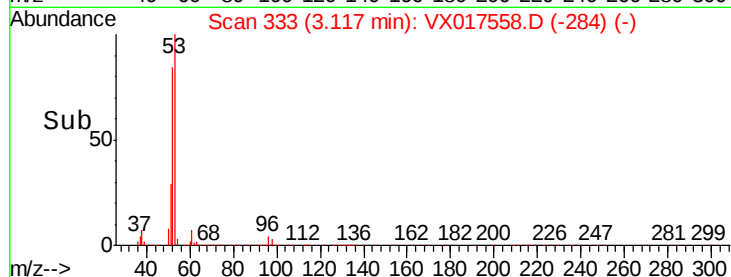
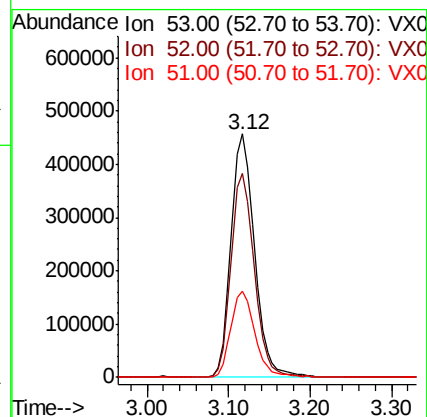
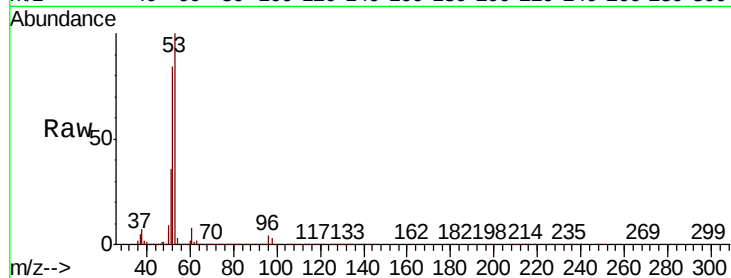
Tot Ion: 53 Resp: 908906

Ion Ratio Lower Upper

53 100

52 83.3 66.6 99.8

51 36.3 29.4 44.2



#16

Acetone

Concen: 243.573 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017558.D

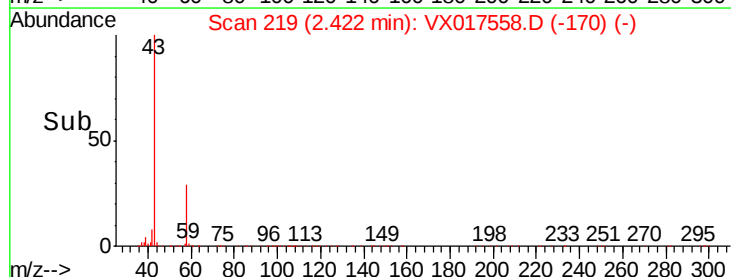
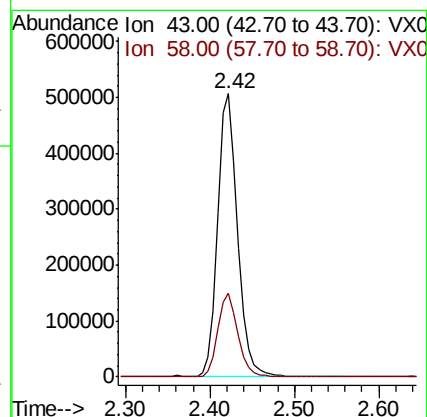
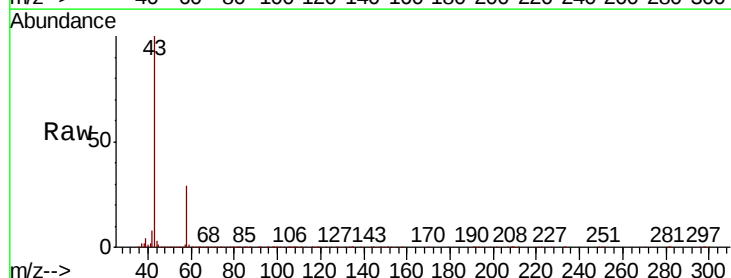
Acq: 24 Jul 2020 21:04

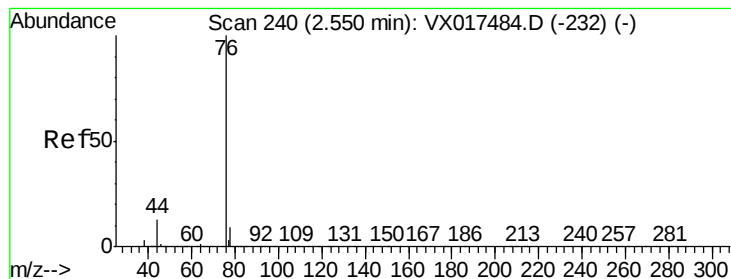
Tgt Ion: 43 Resp: 827945

Ion Ratio Lower Upper

43 100

58 29.4 24.2 36.4





#17

Carbon Disulfide

Concen: 46.100 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

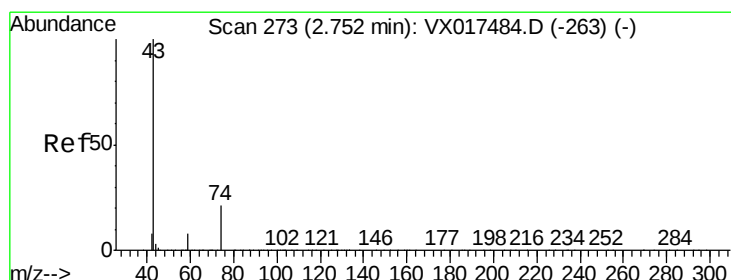
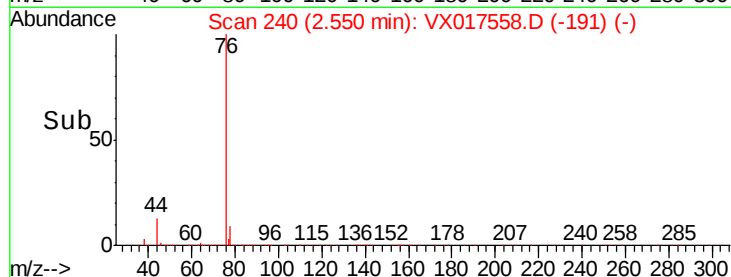
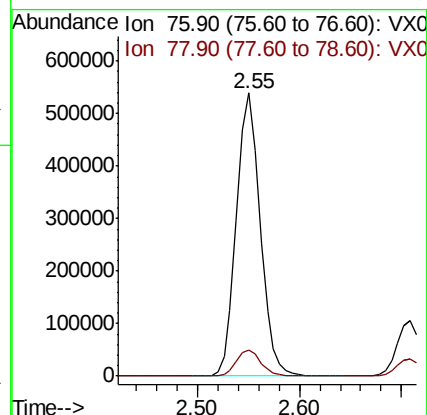
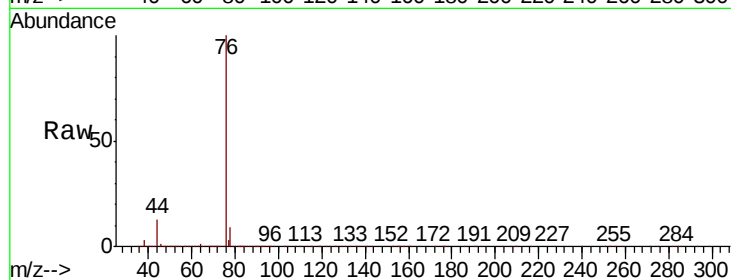
VSTDCCC050EC

Tot Ion: 76 Resp: 870145

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



#18

Methyl Acetate

Concen: 50.621 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017558.D

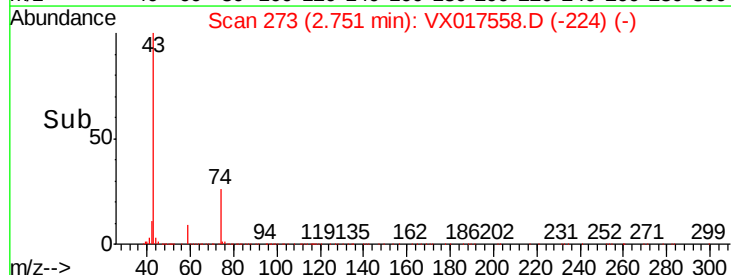
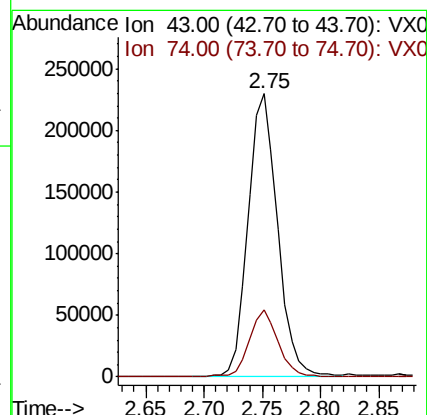
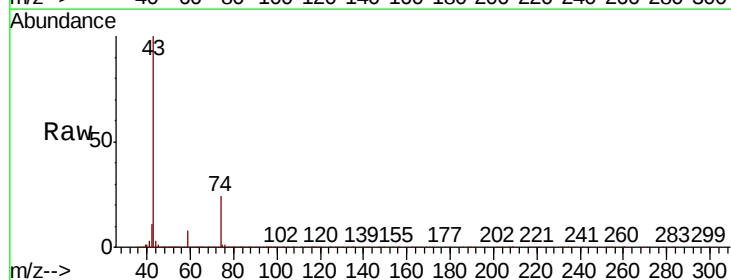
Acq: 24 Jul 2020 21:04

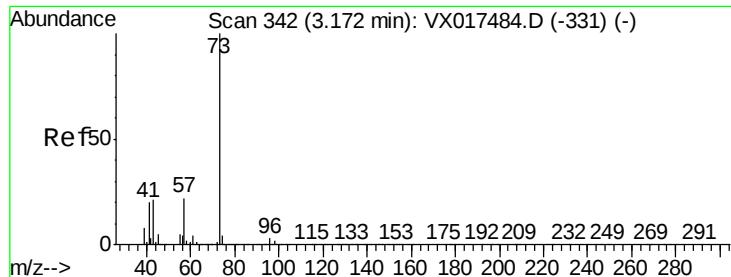
Tgt Ion: 43 Resp: 405246

Ion Ratio Lower Upper

43 100

74 23.1 17.5 26.3

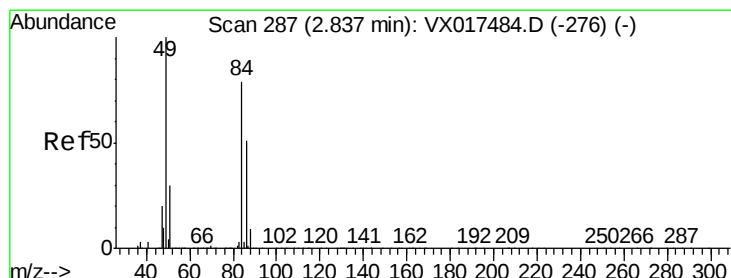
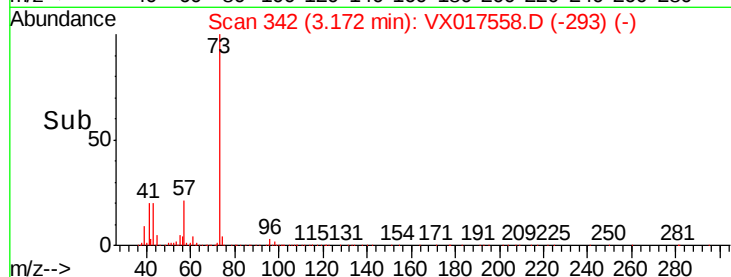
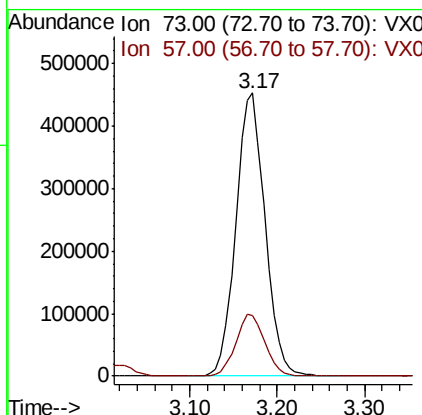
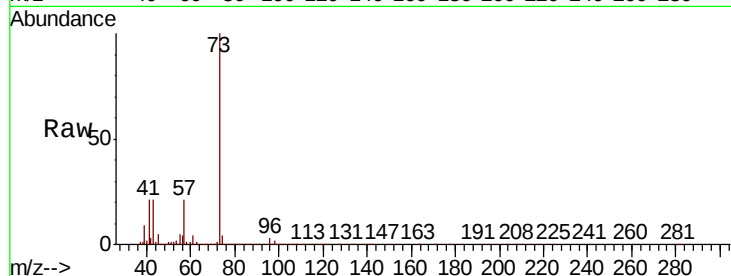




#19
Methyl tert-butyl Ether
Concen: 48.758 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

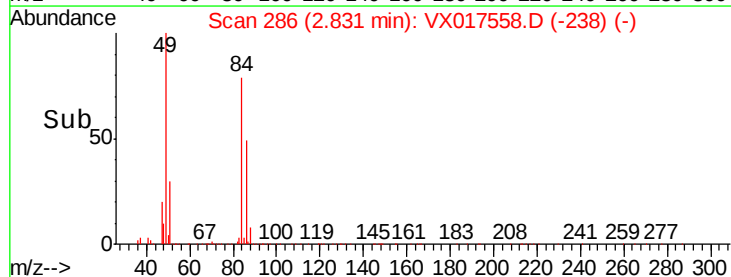
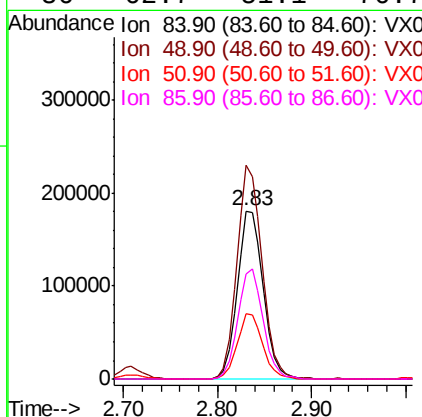
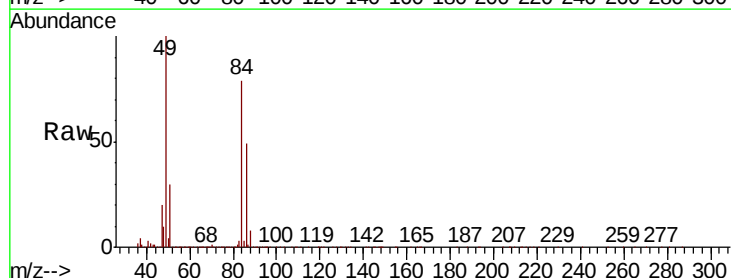
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

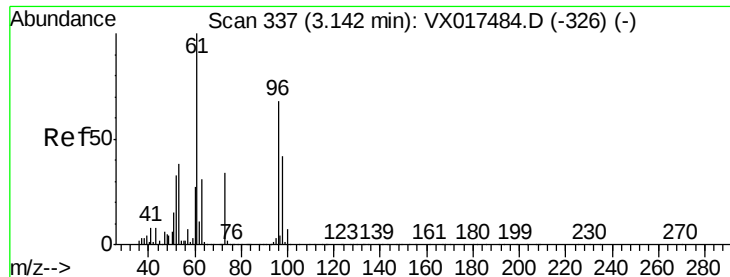
Tot Ion: 73 Resp: 1048015
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4



#20
Methylene Chloride
Concen: 53.840 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 84 Resp: 344043
Ion Ratio Lower Upper
84 100
49 127.1 100.3 150.5
51 38.6 30.5 45.7
86 62.7 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.320 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

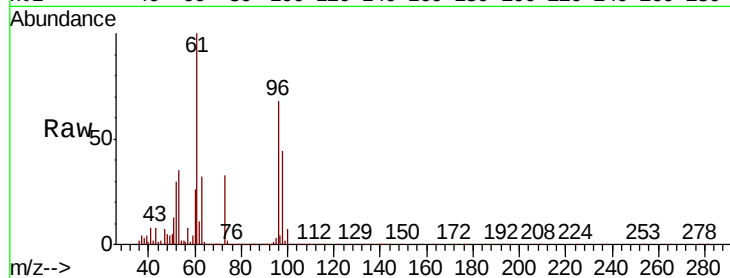
Tot Ion: 96 Resp: 321460

Ion Ratio Lower Upper

96 100

61 147.0 113.0 169.4

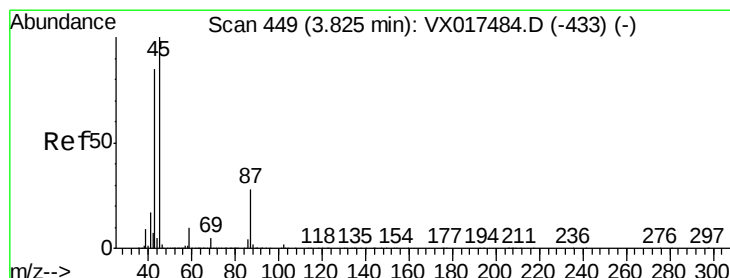
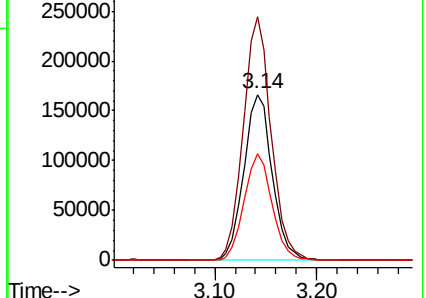
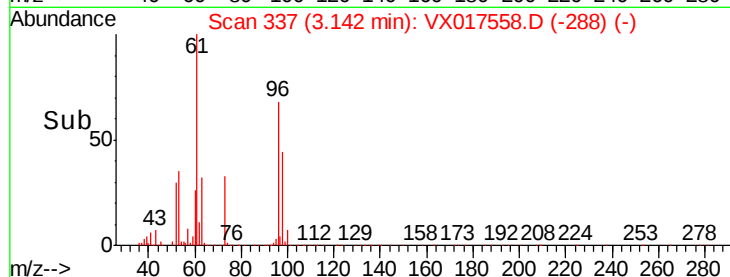
98 64.3 51.8 77.8



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: 52.977 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Tgt Ion: 45 Resp: 1098389

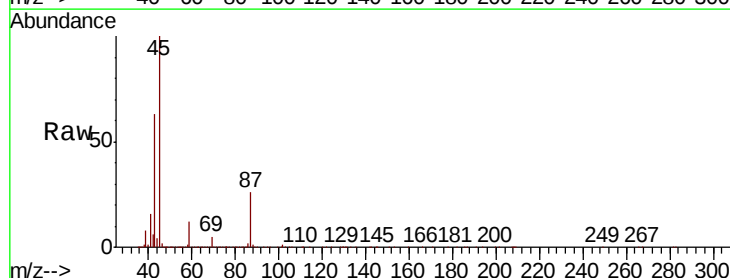
Ion Ratio Lower Upper

45 100

43 62.7 52.0 78.0

87 26.4 22.2 33.4

59 11.7 8.9 13.3

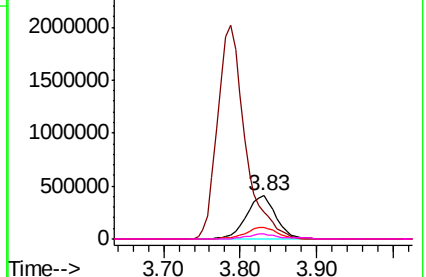
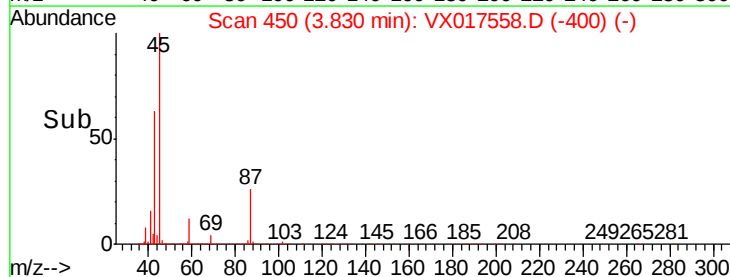


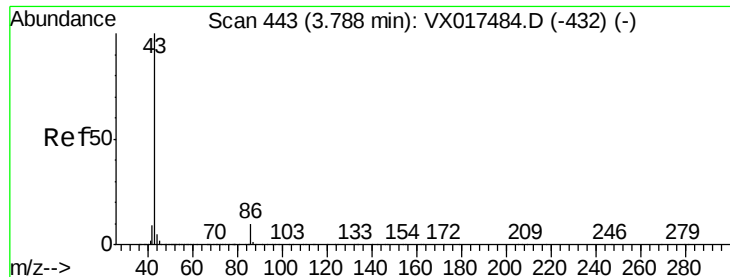
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 273.932 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

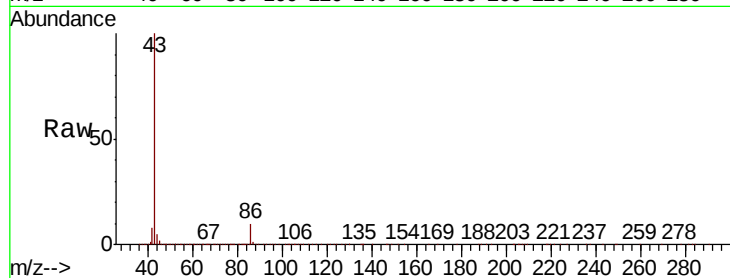
VSTDCCC050EC

Tot Ion: 43 Resp: 5064041

Ion Ratio Lower Upper

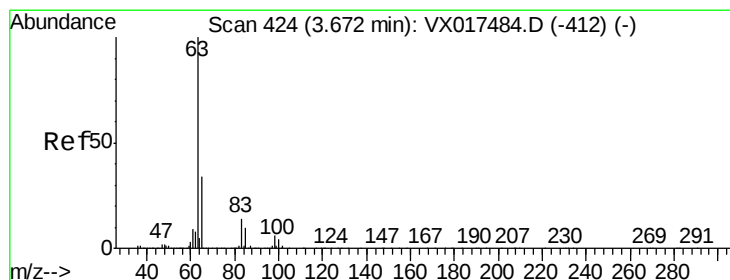
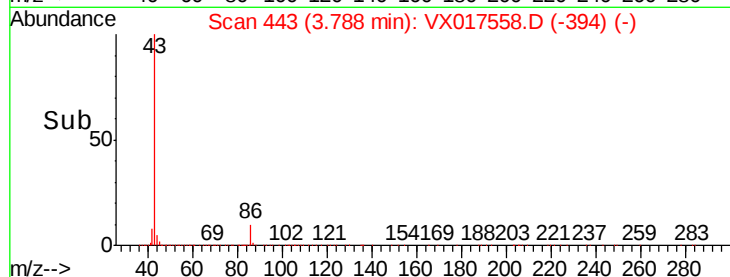
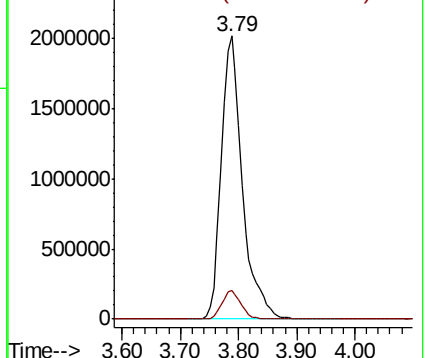
43 100

86 9.9 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.684 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

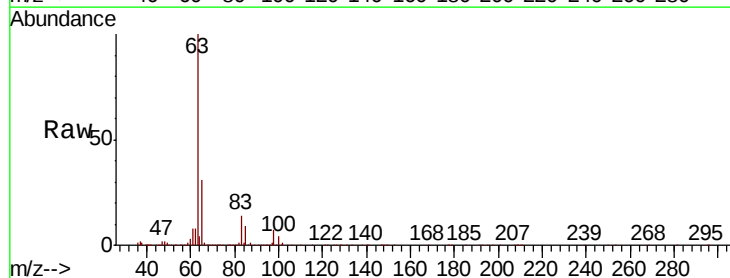
Tgt Ion: 63 Resp: 569524

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

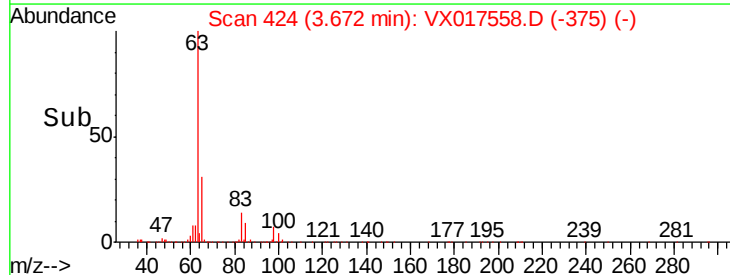
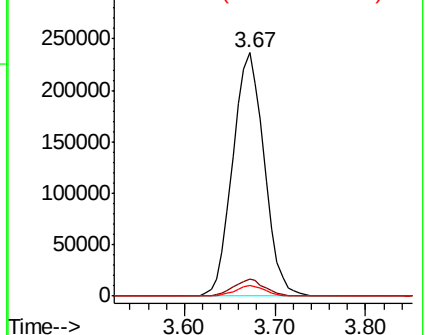
100 4.2 1.9 5.7

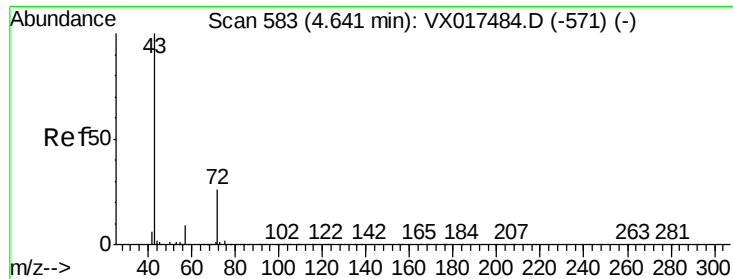


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 284.753 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

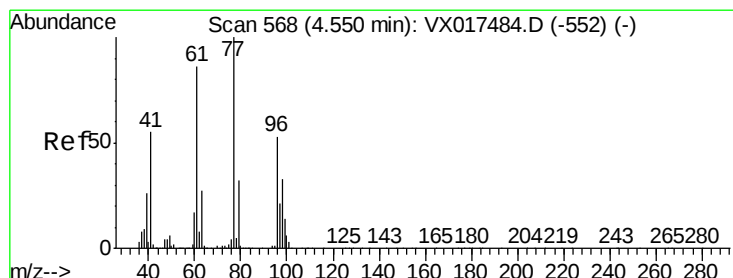
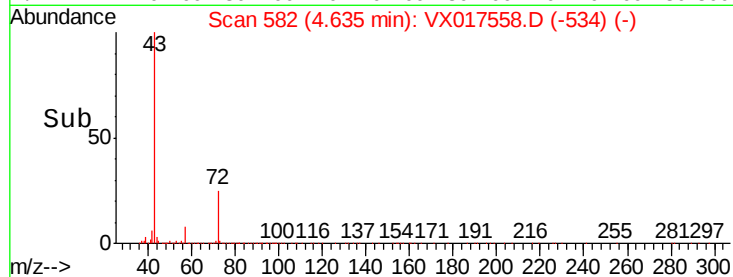
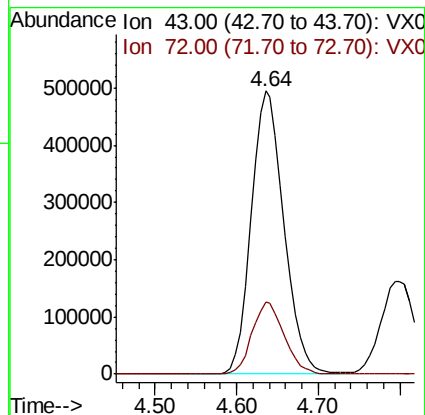
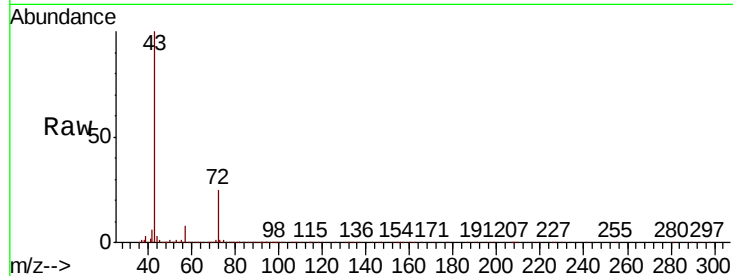
VSTDCCC050EC

Tot Ion: 43 Resp: 1375030

Ion Ratio Lower Upper

43 100

72 25.3 19.0 28.4



#26

2,2-Dichloropropane

Concen: 41.906 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017558.D

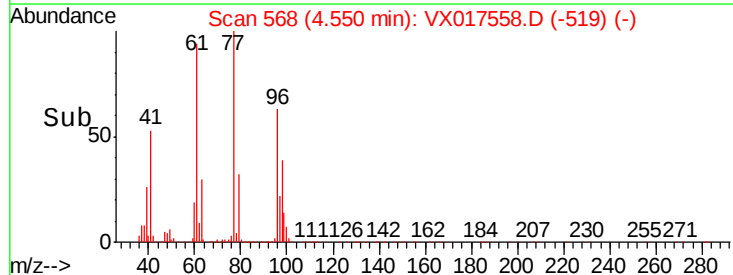
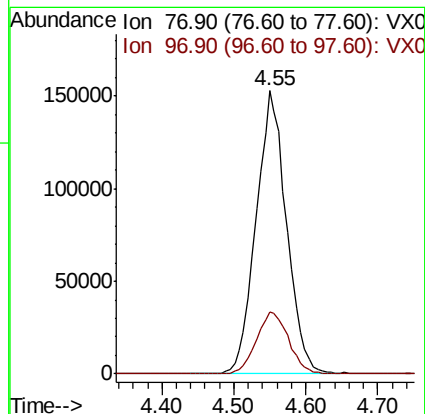
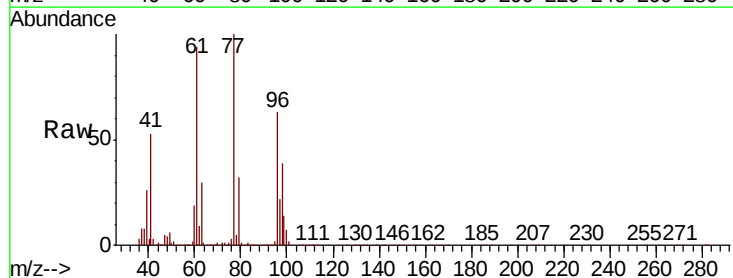
Acq: 24 Jul 2020 21:04

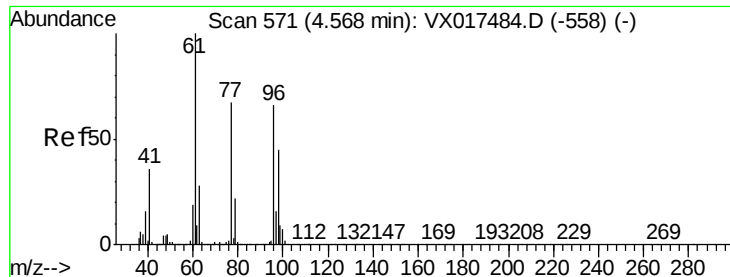
Tgt Ion: 77 Resp: 448024

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.071 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

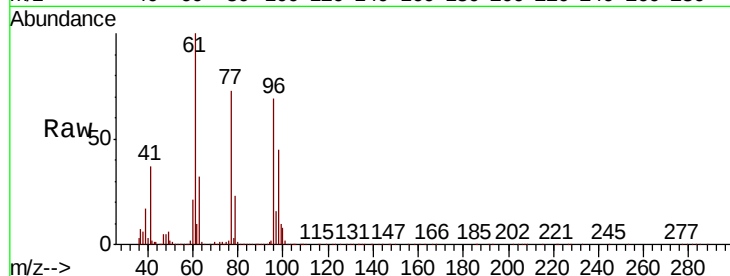
Tot Ion: 96 Resp: 354576

Ion Ratio Lower Upper

96 100

61 146.9 0.0 301.2

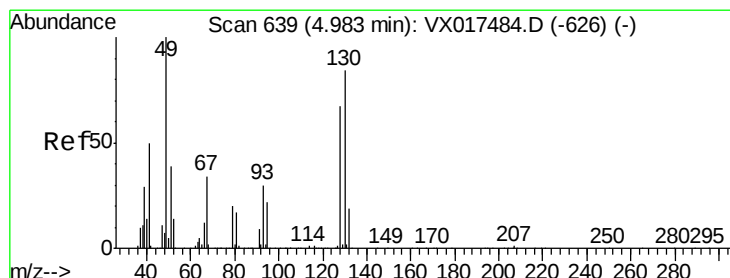
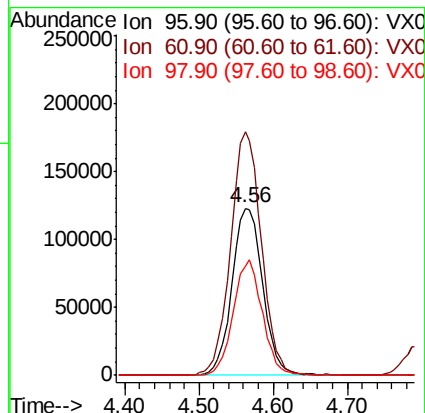
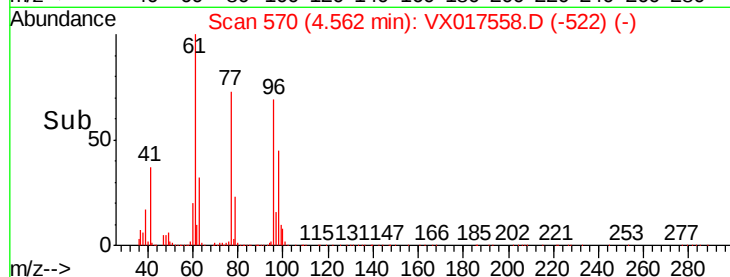
98 65.8 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 50.476 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

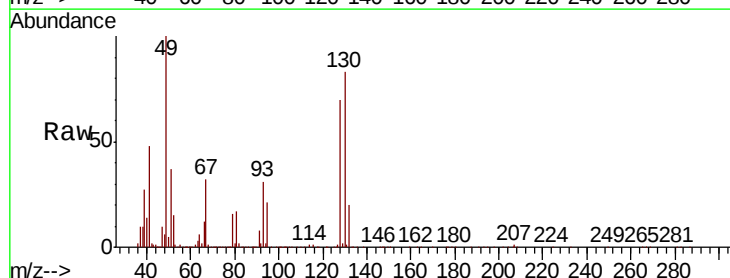
Tgt Ion: 49 Resp: 273198

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

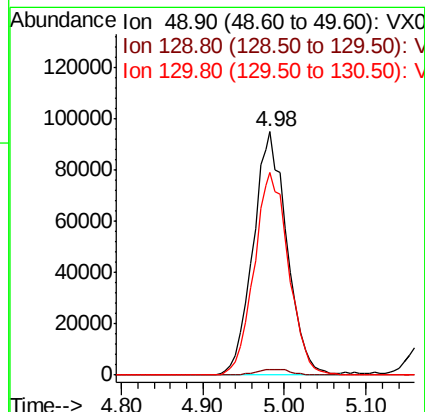
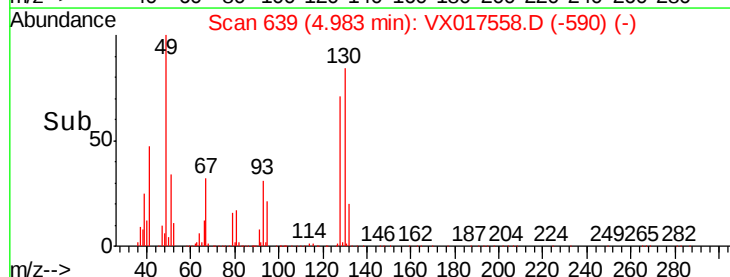
130 85.3 66.7 100.1

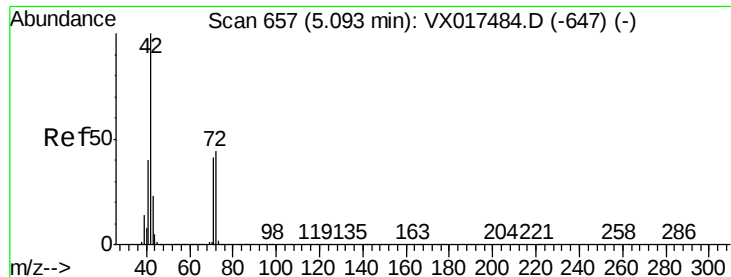


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 298.395 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

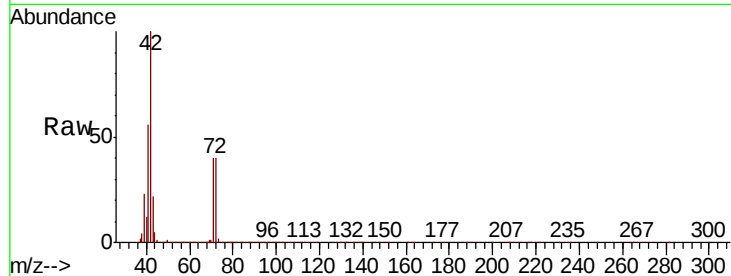
Tot Ion: 42 Resp: 892534

Ion Ratio Lower Upper

42 100

72 42.2 35.5 53.3

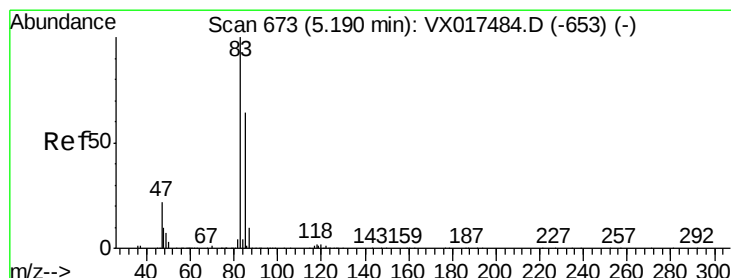
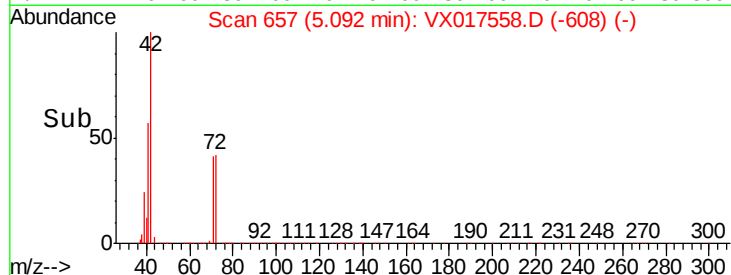
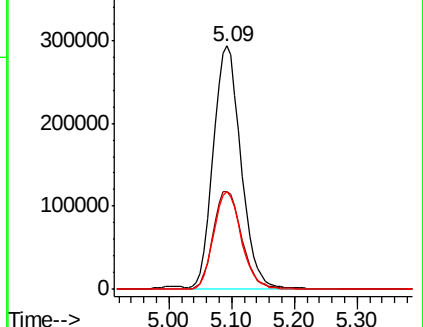
71 40.0 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.754 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017558.D

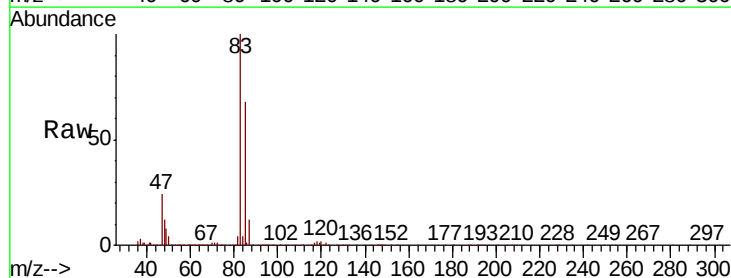
Acq: 24 Jul 2020 21:04

Tgt Ion: 83 Resp: 631595

Ion Ratio Lower Upper

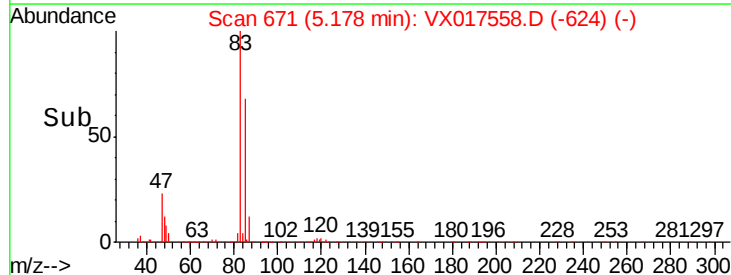
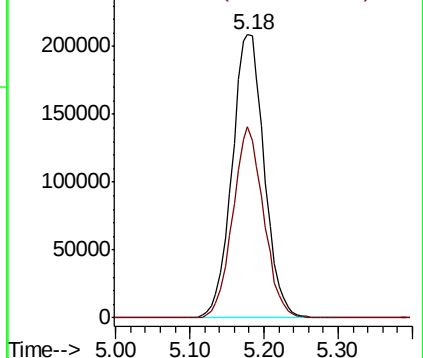
83 100

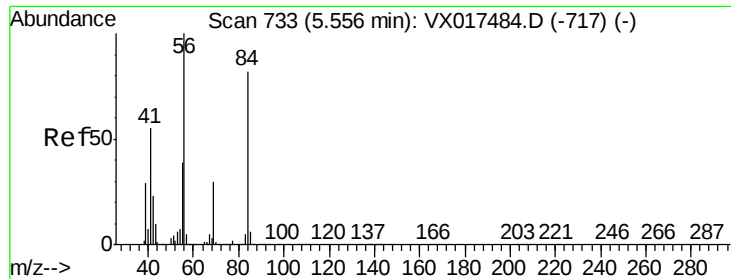
85 67.7 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

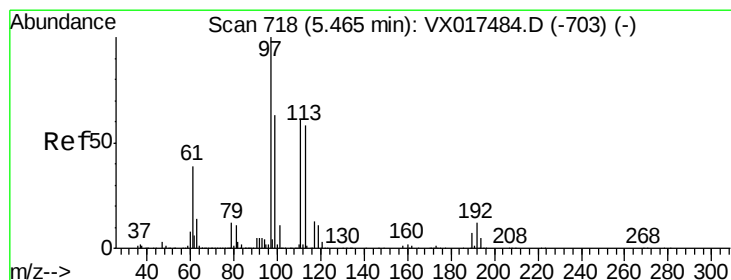
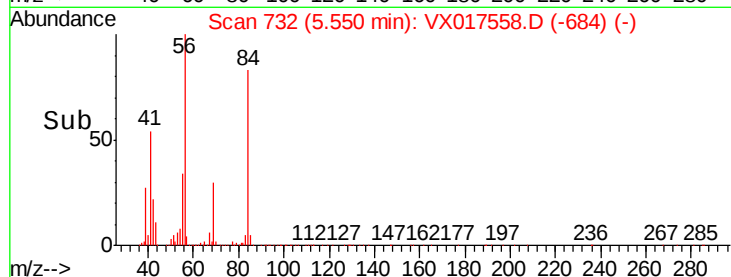
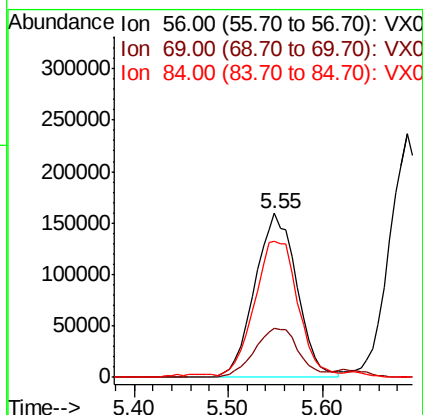
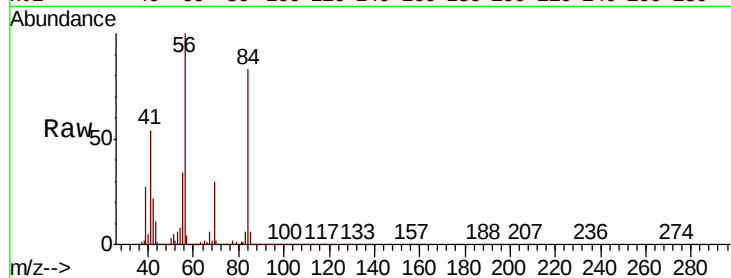




#31
Cyclohexane
Concen: 52.234 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

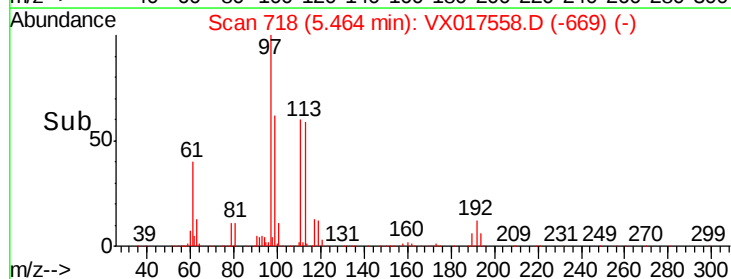
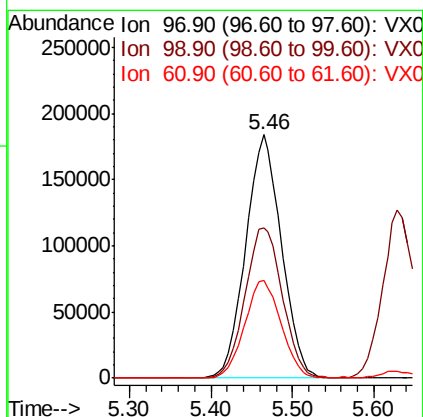
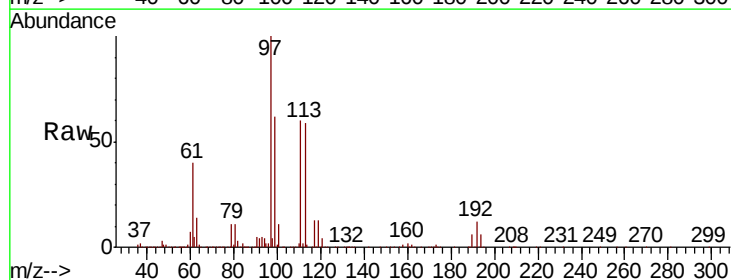
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

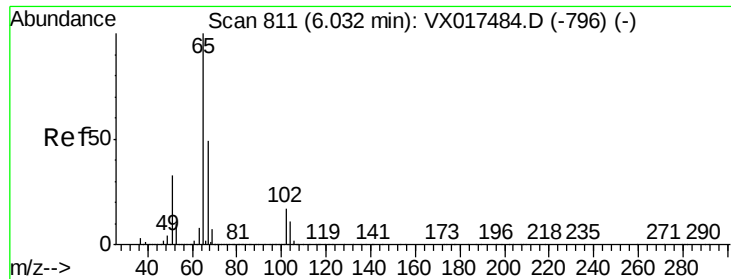
Tot Ion: 56 Resp: 497501
Ion Ratio Lower Upper
56 100
69 29.6 24.2 36.4
84 81.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 48.639 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 97 Resp: 559738
Ion Ratio Lower Upper
97 100
99 64.6 51.9 77.9
61 41.1 34.1 51.1

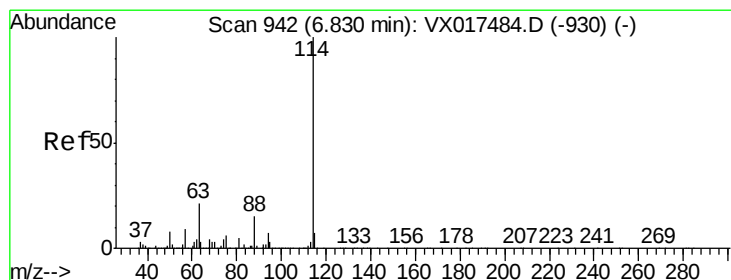
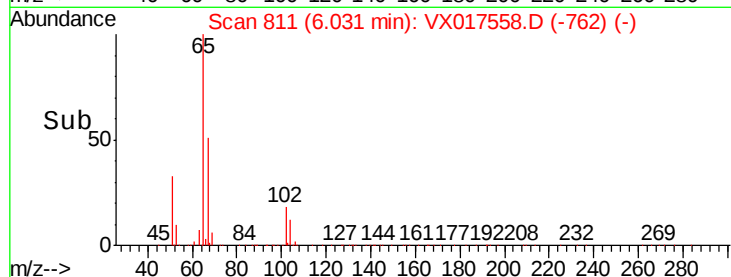
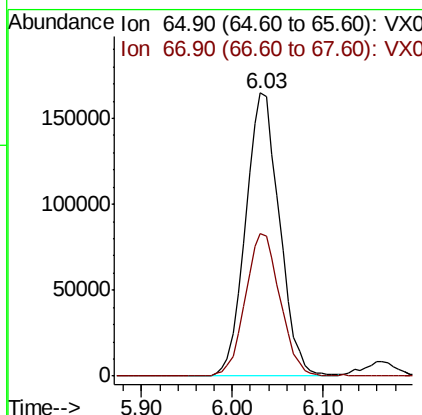
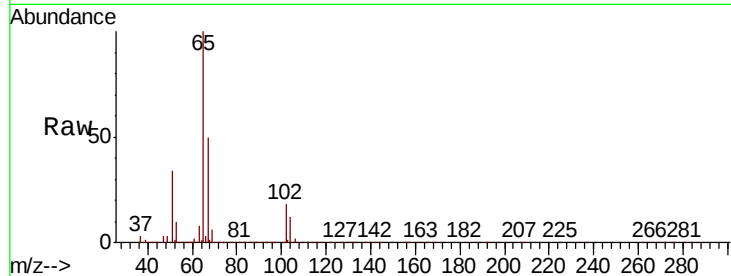




#33
 1,2-Dichloroethane-d4
 Concen: 55.036 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

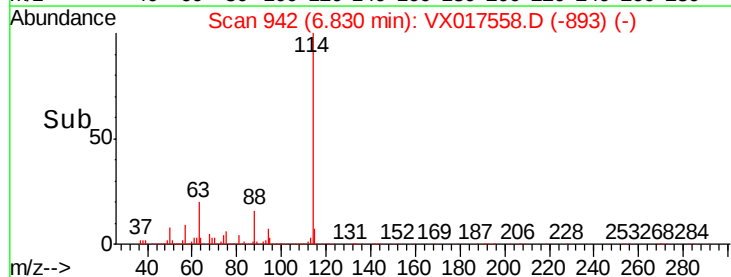
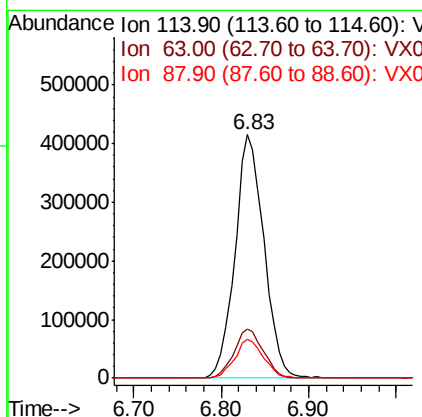
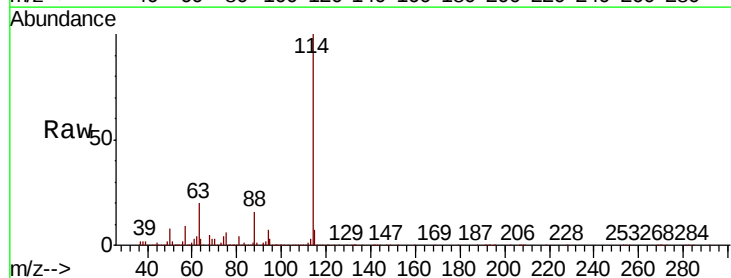
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

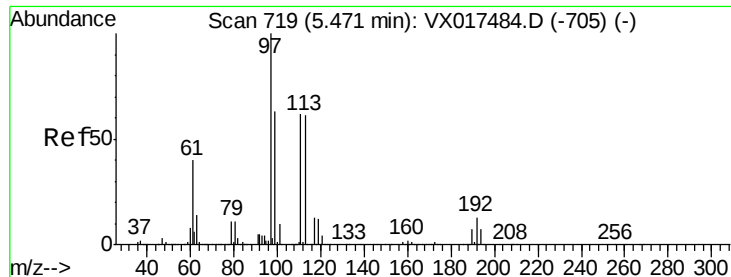
Tot Ion: 65 Resp: 425045
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Tgt Ion: 114 Resp: 955717
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 15.9 0.0 33.4

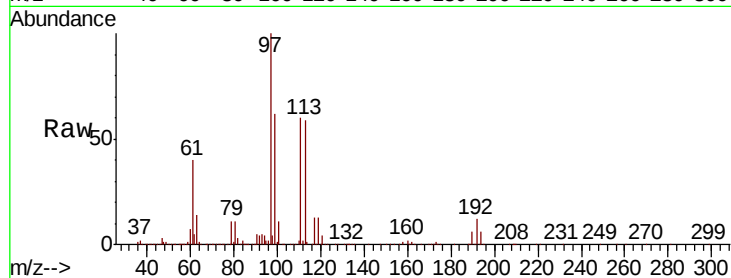




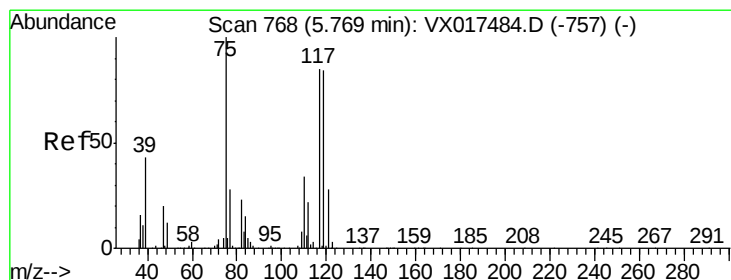
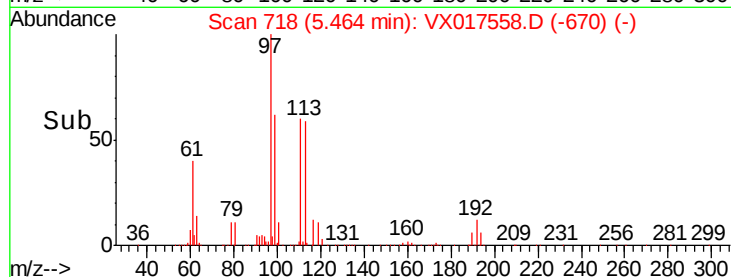
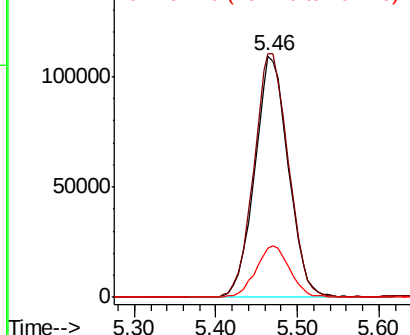
#35
 Dibromofluoromethane
 Concen: 48.826 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 312091
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.7 121.1
 192 21.6 16.9 25.3

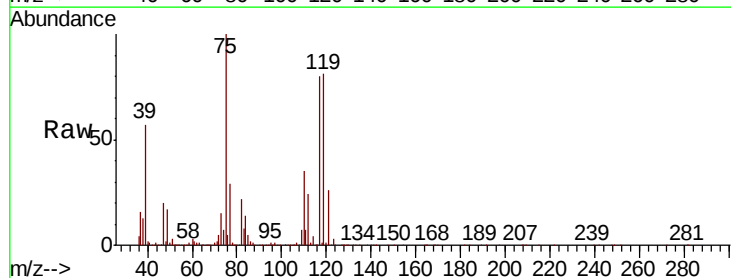


Abundance Ion 112.80 (112.50 to 113.50): V
 150000 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

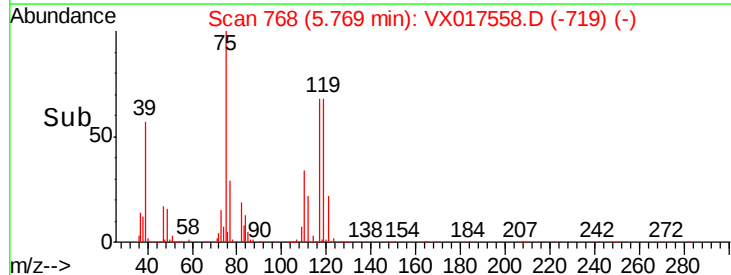
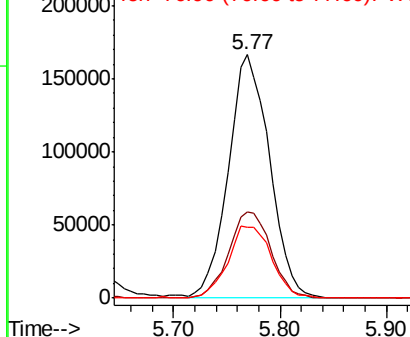


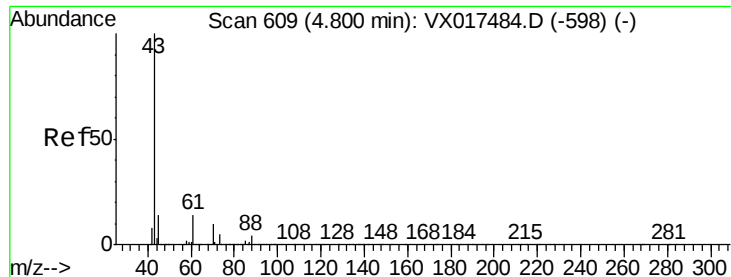
#36
 1,1-Dichloropropene
 Concen: 49.023 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Tgt Ion: 75 Resp: 449351
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.1 54.3
 77 31.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 200000 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

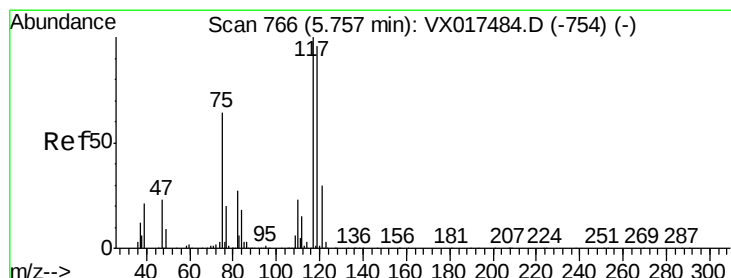
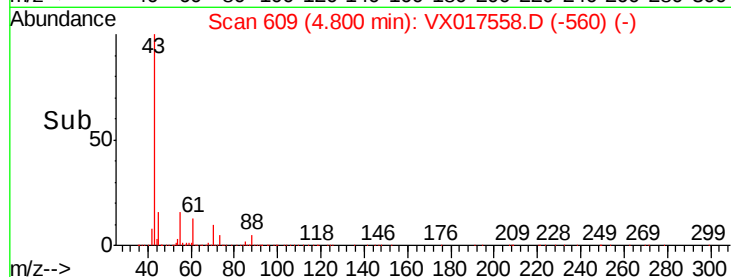
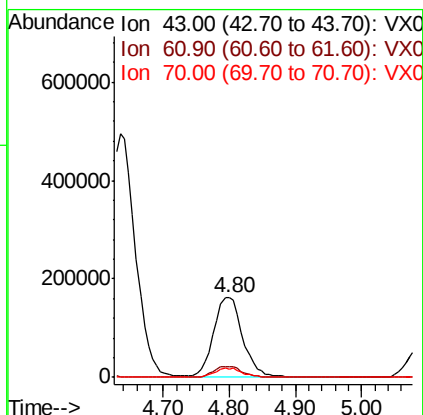
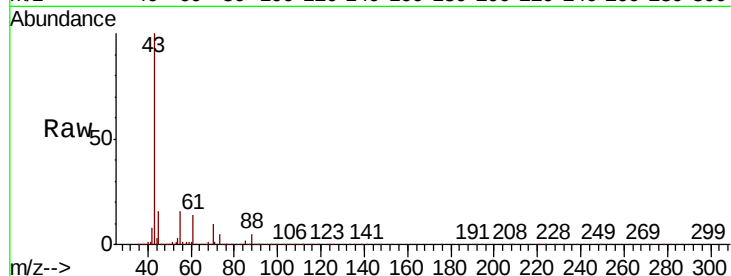




#37
Ethyl Acetate
Concen: 49.214 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

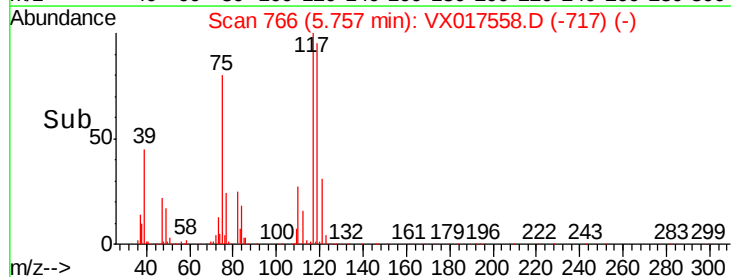
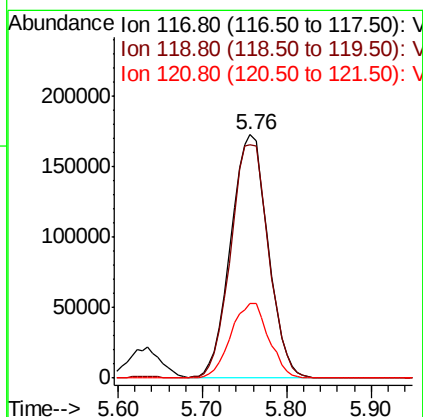
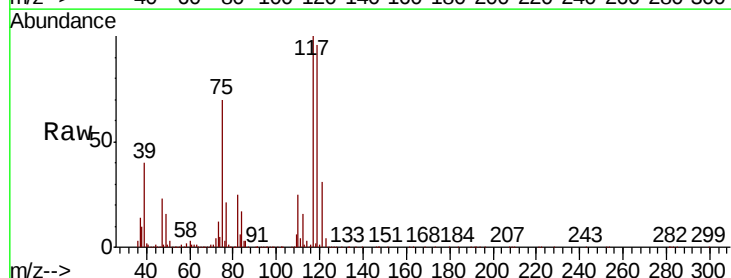
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

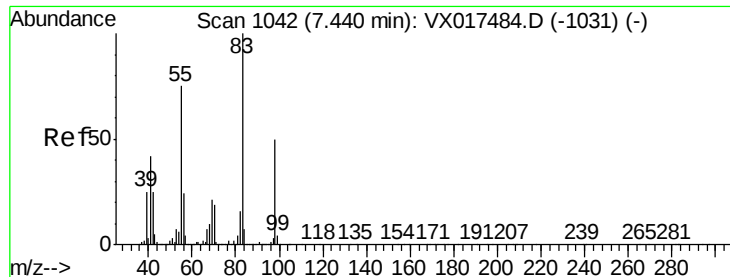
Tot Ion: 43 Resp: 493580
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 46.510 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 117 Resp: 517704
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.0
121 30.8 24.3 36.5

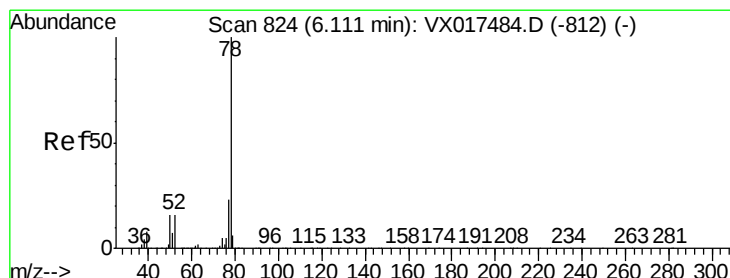
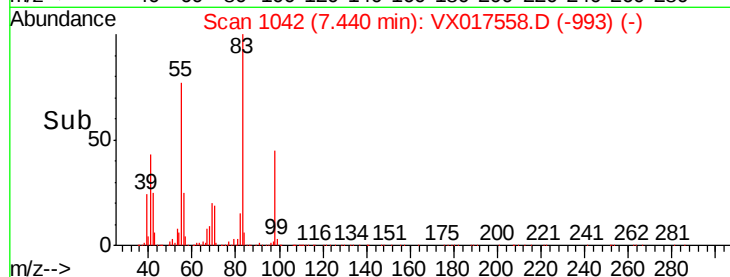
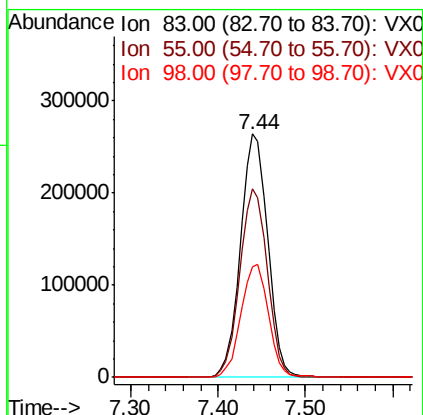
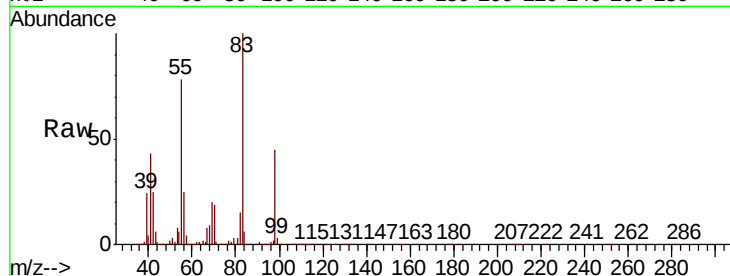




#39
Methylvlcyclohexane
Concen: 53.613 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

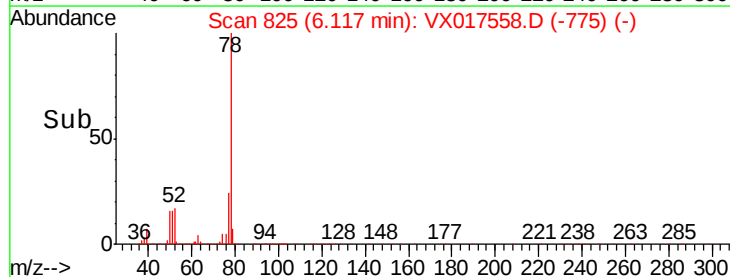
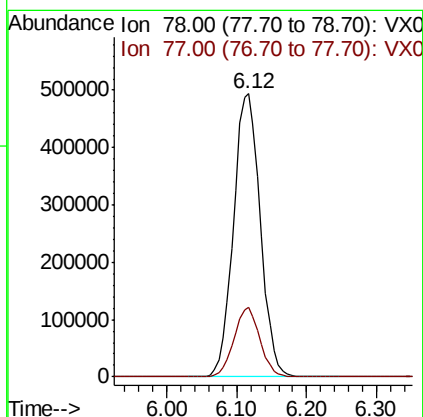
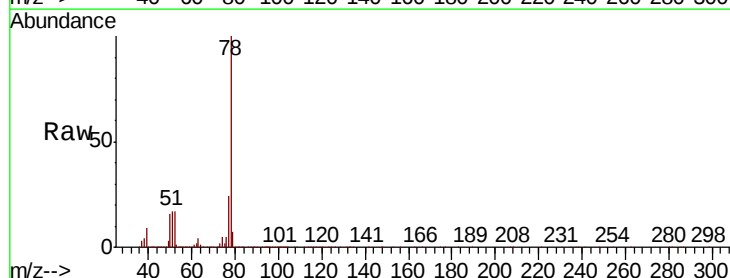
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

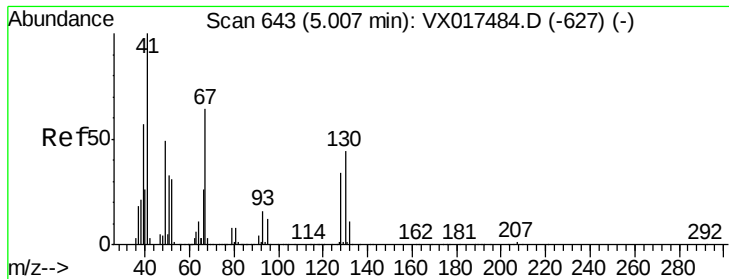
Tot Ion: 83 Resp: 573679
Ion Ratio Lower Upper
83 100
55 77.5 61.8 92.8
98 45.3 36.9 55.3



#40
Benzene
Concen: 49.891 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 78 Resp: 1311086
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.2

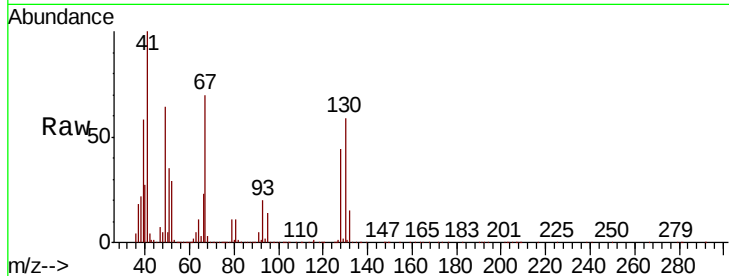




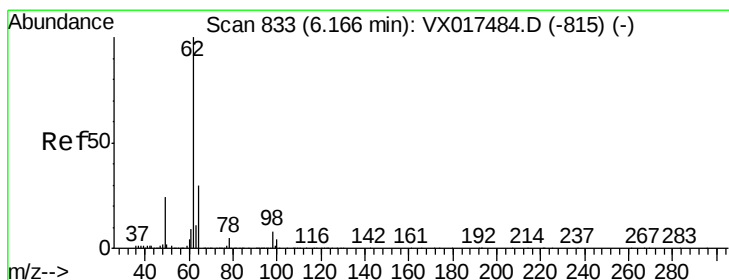
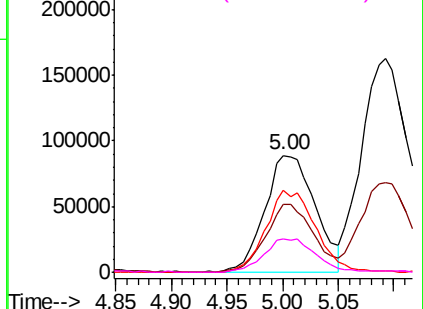
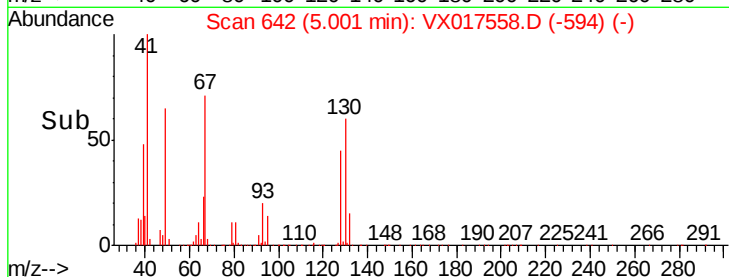
#41
Methacrylonitrile
Concen: 48.398 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	278221
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.9	65.9
67	69.5	54.0	81.0
52	28.8	23.0	34.6

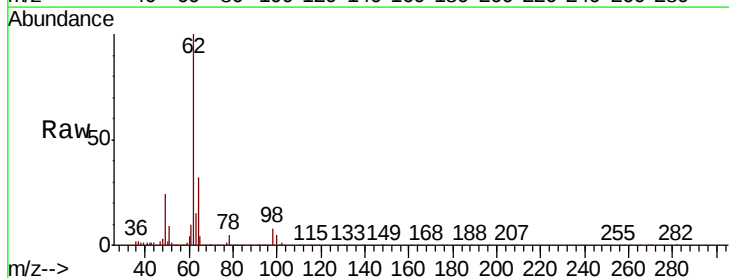


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

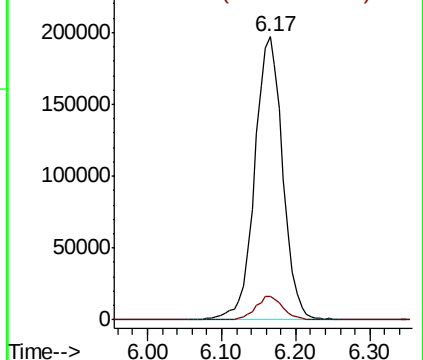
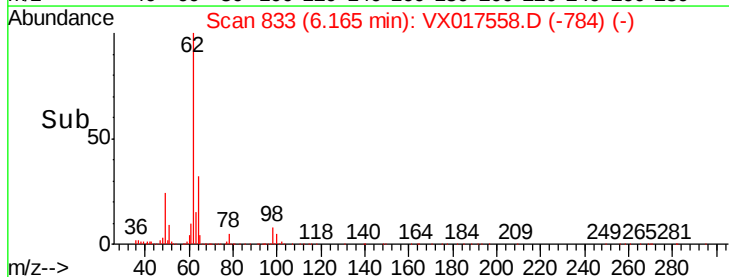


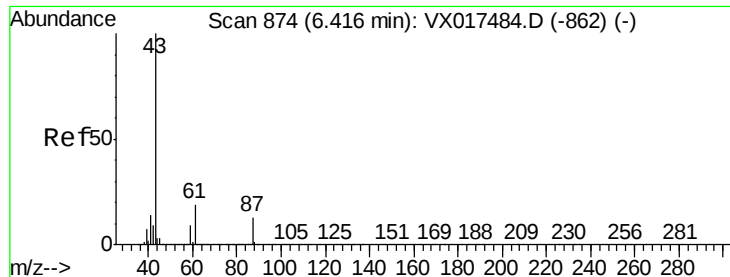
#42
1,2-Dichloroethane
Concen: 48.089 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion:	62	Resp:	516999
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.0



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



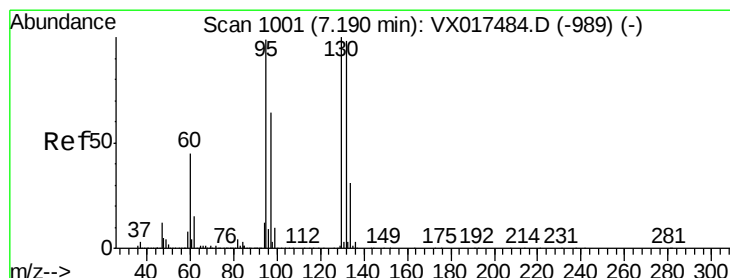
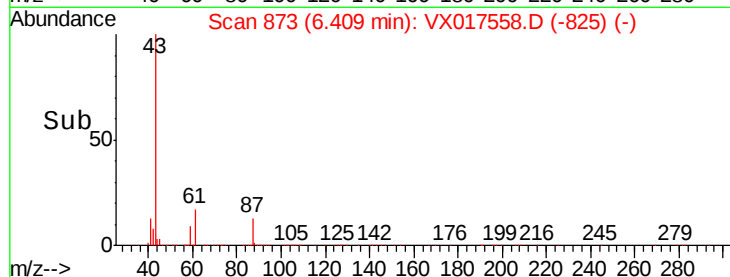
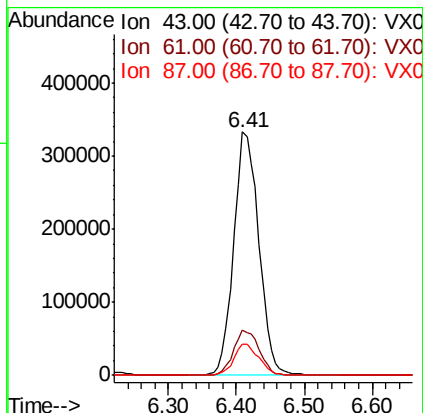
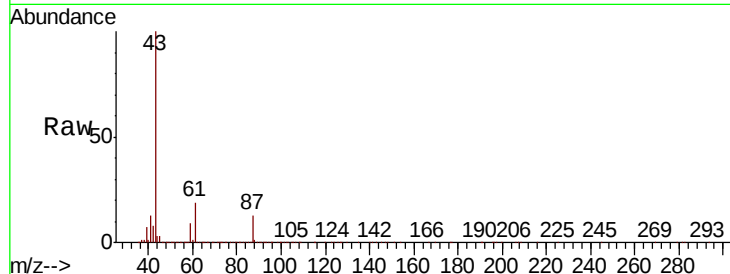


#43

Isopropyl Acetate
 Concen: 51.365 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

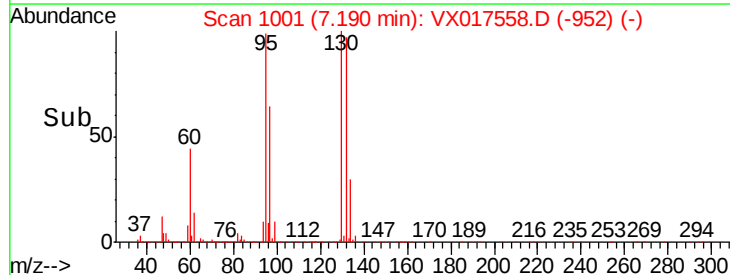
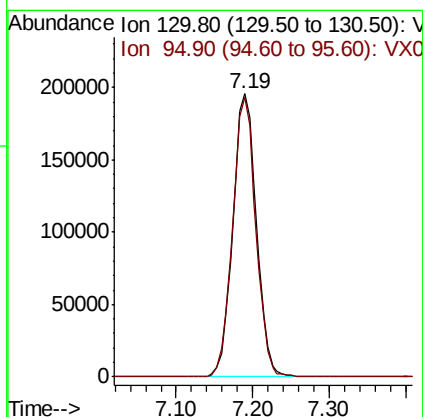
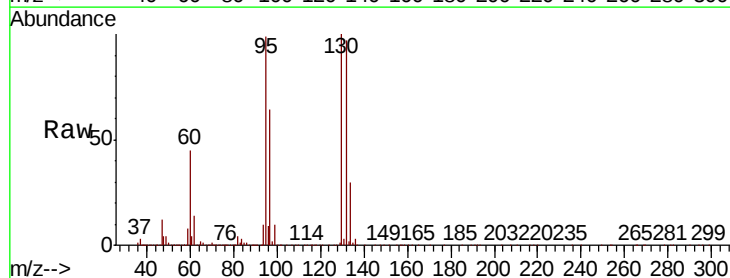
Tot Ion	43	Resp	849965
Ion Ratio	Lower	Upper	
43	100		
61	19.1	15.5	23.3
87	12.9	10.5	15.7

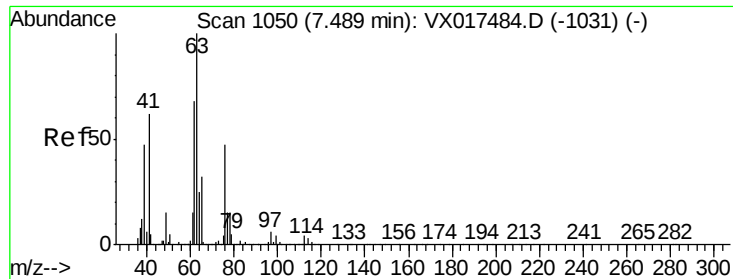


#44

Trichloroethene
 Concen: 54.220 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Tgt Ion	130	Resp	416404
Ion Ratio	Lower	Upper	
130	100		
95	98.6	0.0	189.0

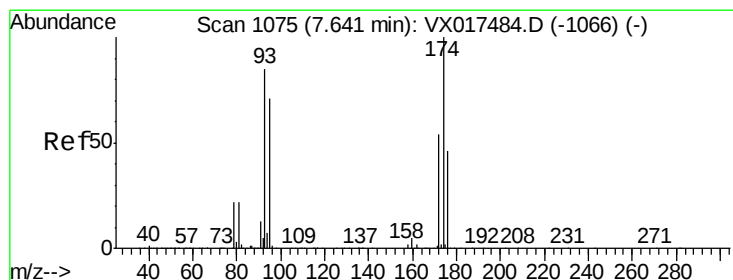
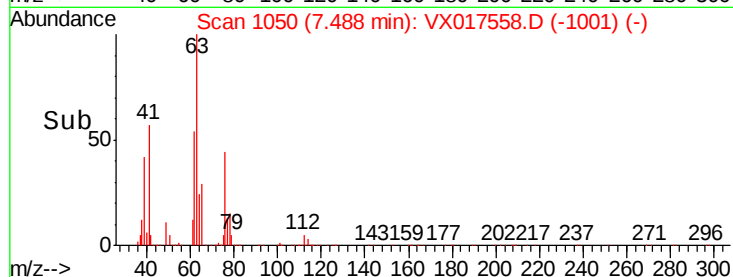
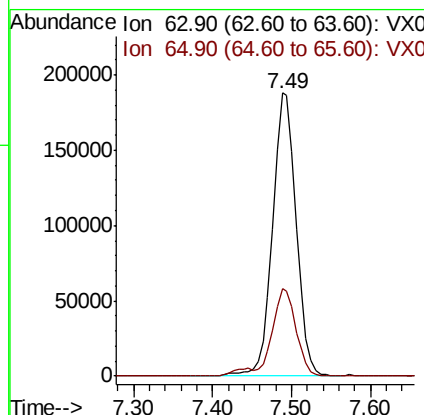
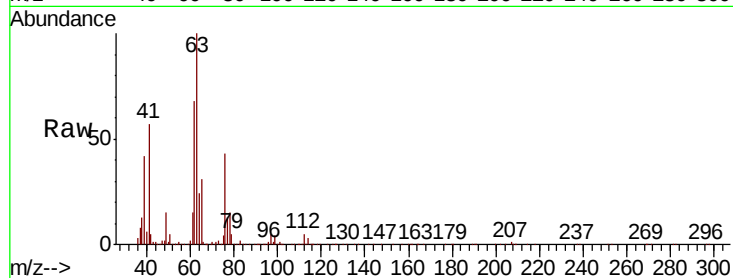




#45
 1,2-Dichloropropane
 Concen: 53.450 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

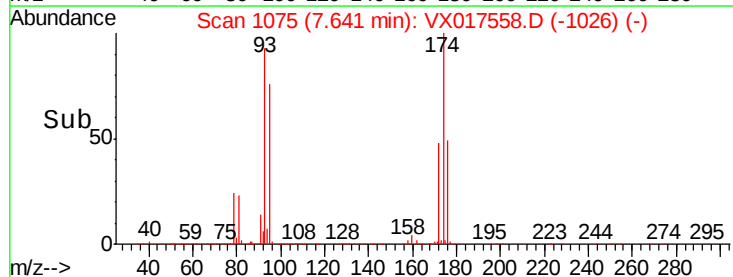
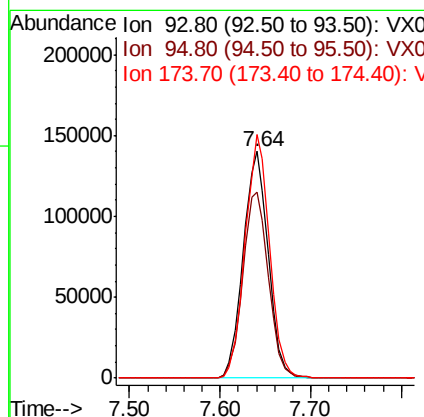
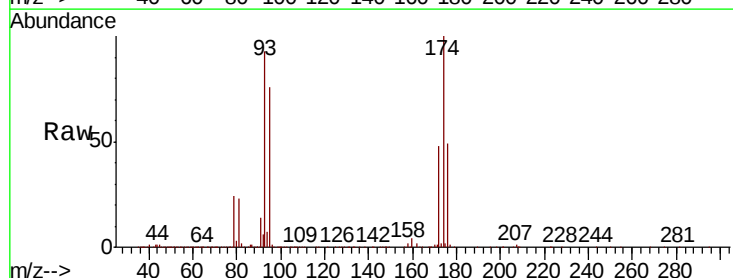
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

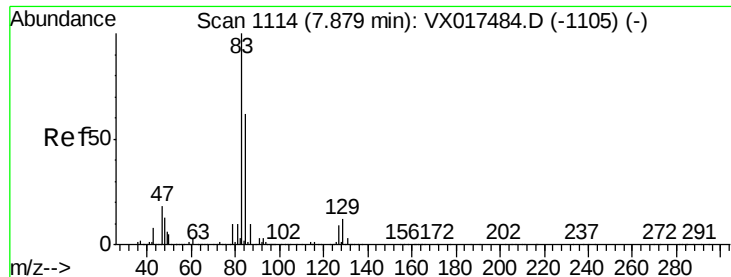
Tot Ion: 63 Resp: 389380
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.5 36.7



#46
 Dibromomethane
 Concen: 51.825 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Tgt Ion: 93 Resp: 266814
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.6 99.8
 174 105.0 87.0 130.6





#47

Bromodichloromethane

Concen: 52.870 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

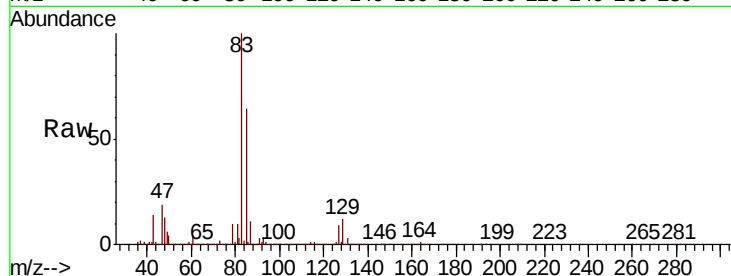
Tot Ion: 83 Resp: 547691

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.8

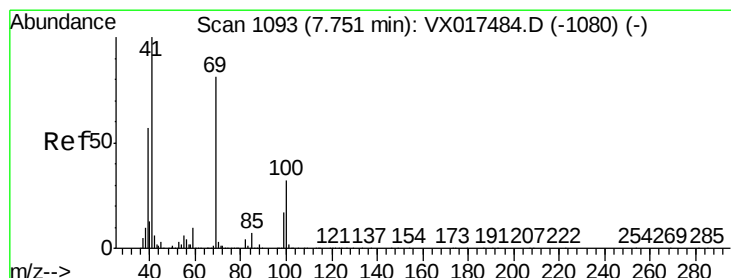
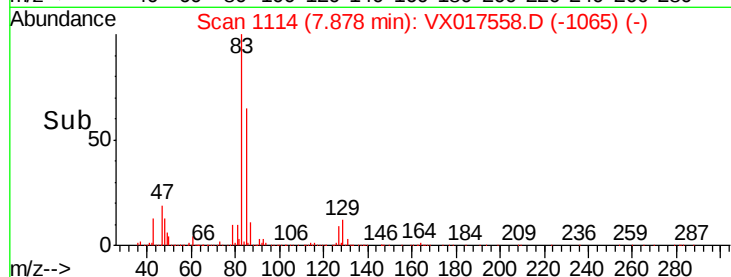
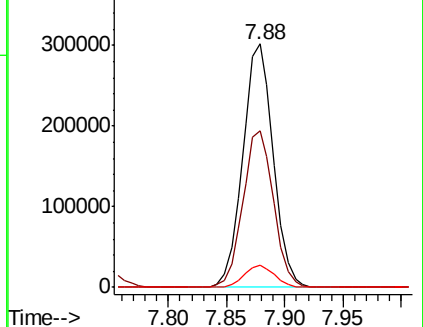
127 9.0 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.082 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

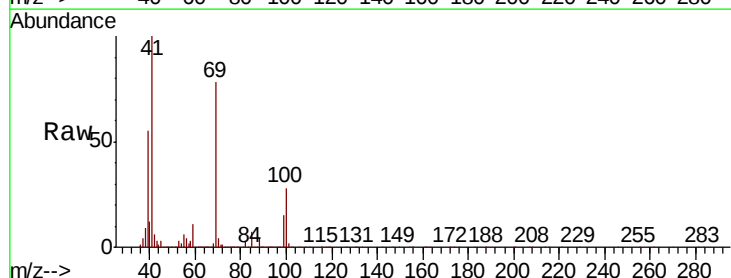
Tgt Ion: 41 Resp: 460014

Ion Ratio Lower Upper

41 100

69 80.3 63.1 94.7

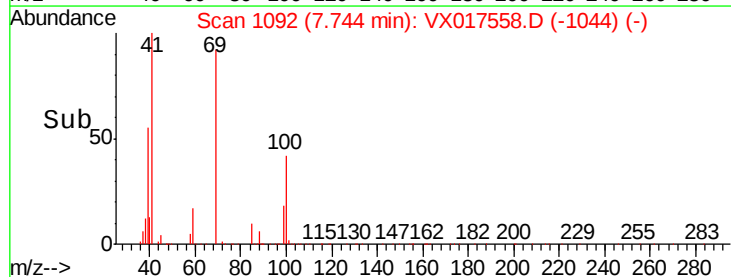
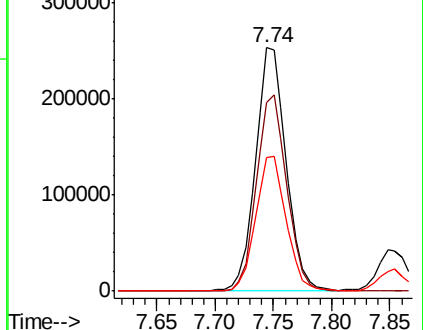
39 55.5 45.1 67.7

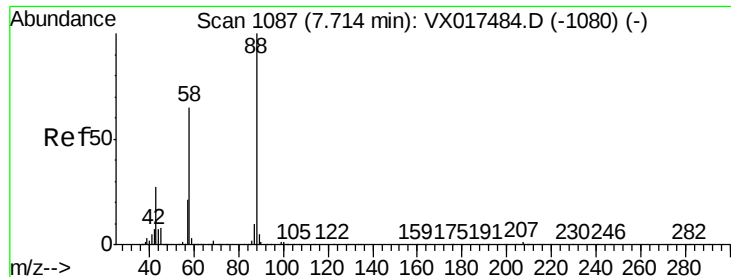


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

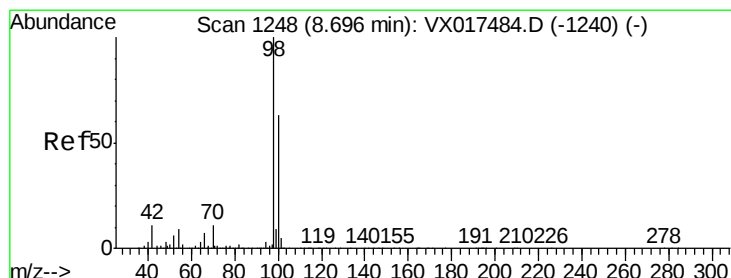
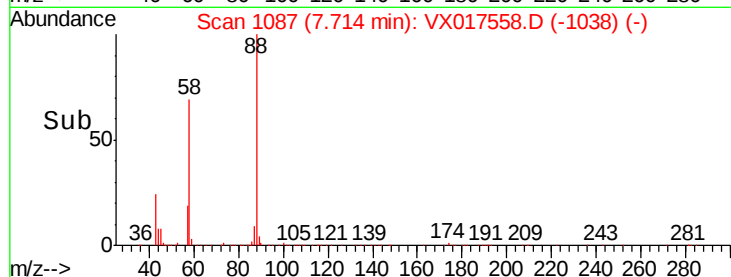
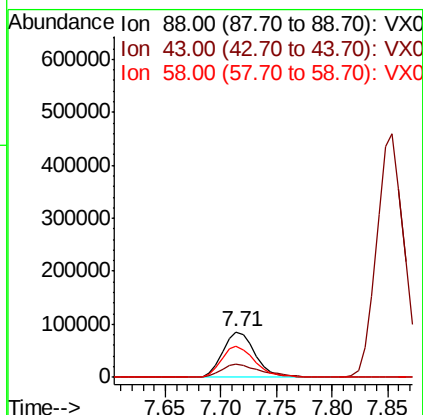
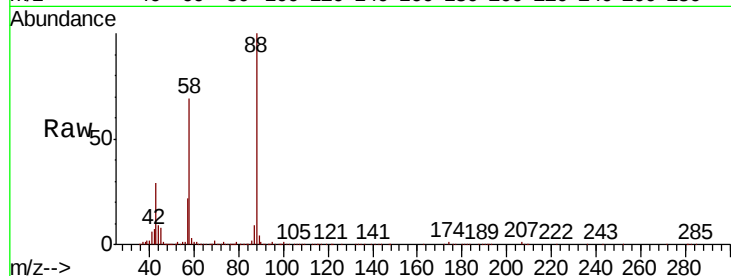




#49
1,4-Dioxane
Concen: 1090.381 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

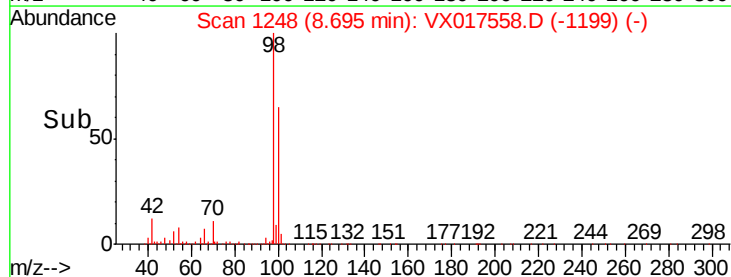
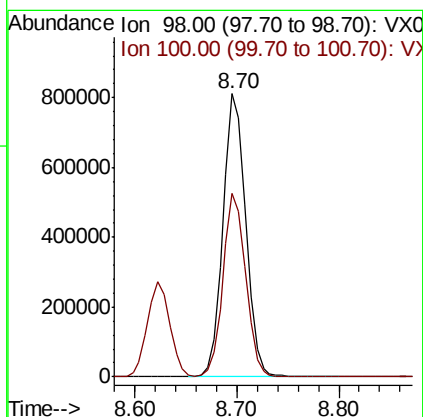
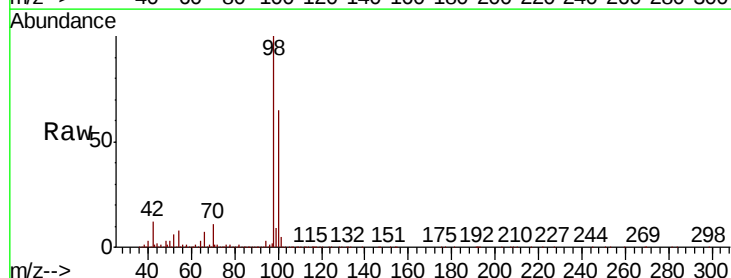
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 171475
Ion Ratio Lower Upper
88 100
43 35.3 27.8 41.6
58 71.7 58.3 87.5



#50
Toluene-d8
Concen: 54.416 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 98 Resp: 1254745
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 278.705 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

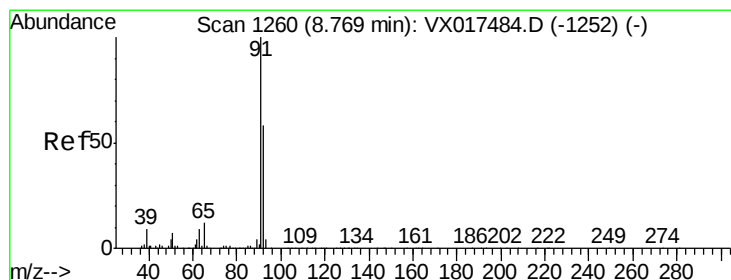
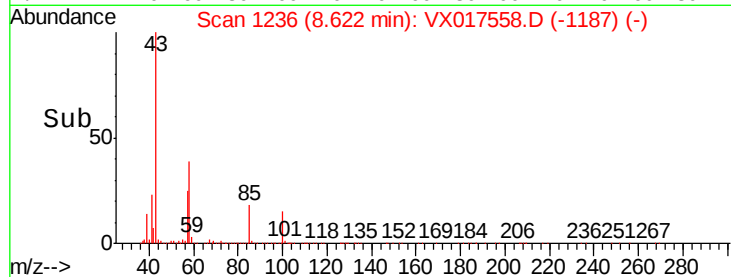
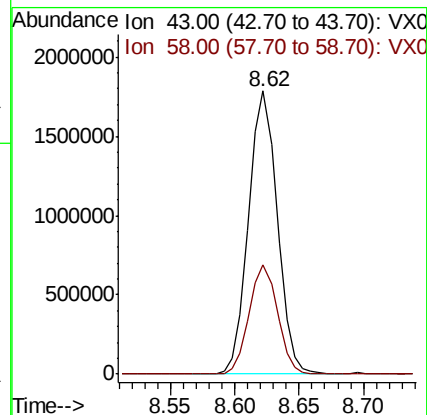
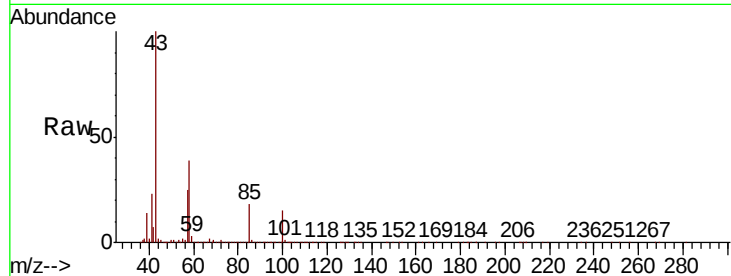
VSTDCCC050EC

Tot Ion: 43 Resp: 2751750

Ion Ratio Lower Upper

43 100

58 38.3 31.0 46.4



#52

Toluene

Concen: 52.662 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017558.D

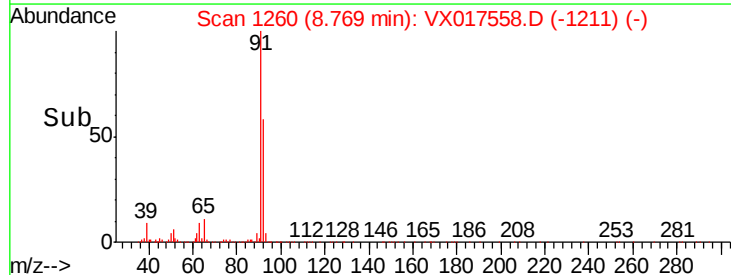
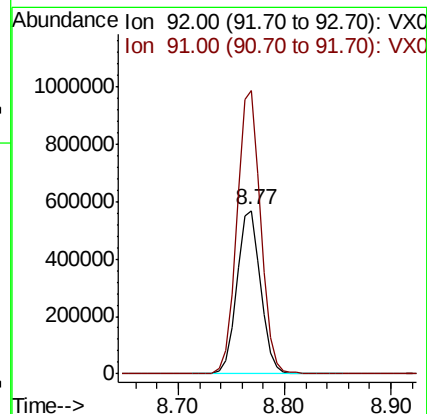
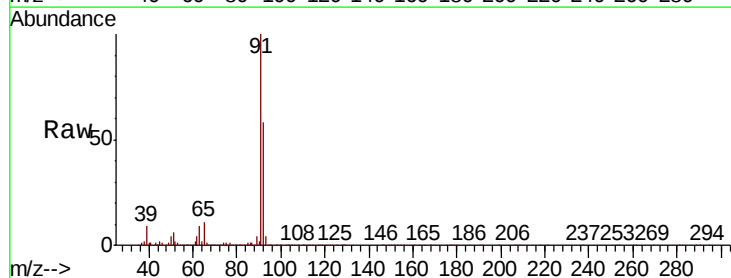
Acq: 24 Jul 2020 21:04

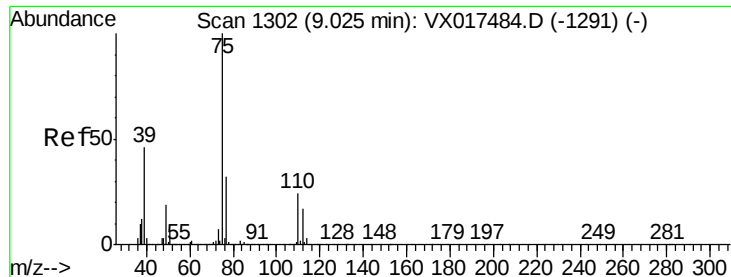
Tgt Ion: 92 Resp: 887525

Ion Ratio Lower Upper

92 100

91 173.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.254 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

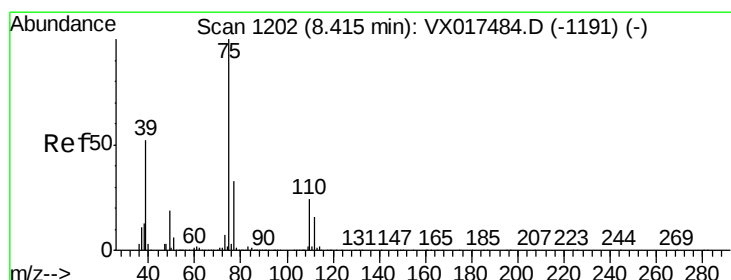
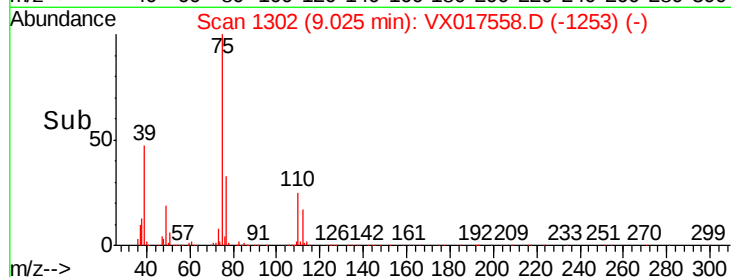
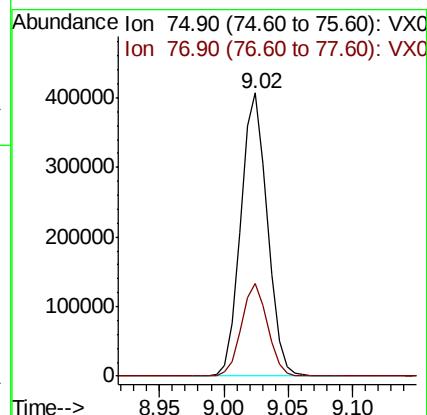
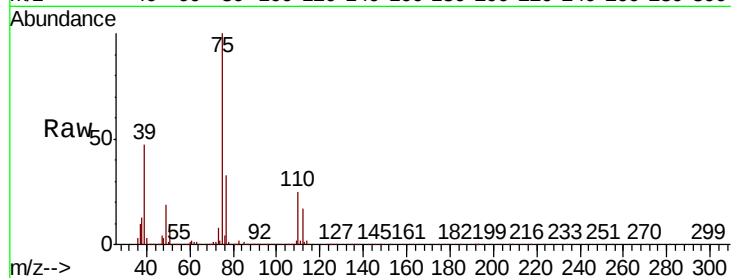
VSTDCCC050EC

Tot Ion: 75 Resp: 582757

Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 53.025 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

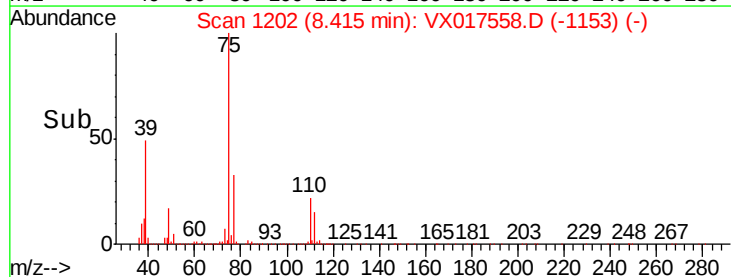
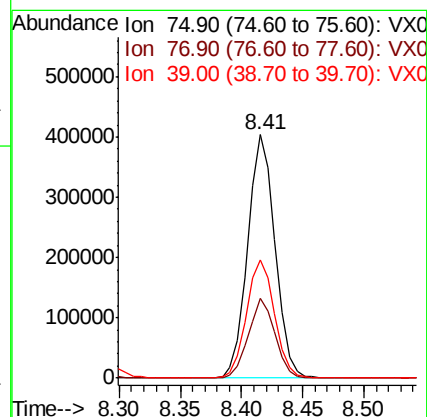
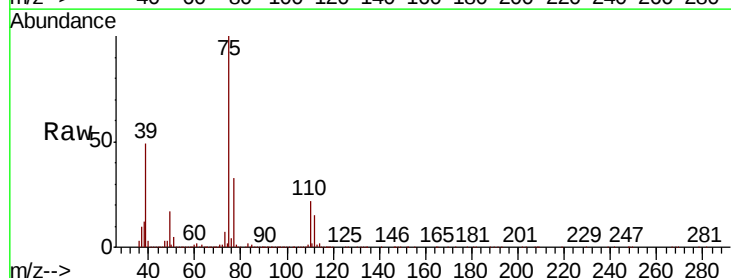
Tgt Ion: 75 Resp: 627190

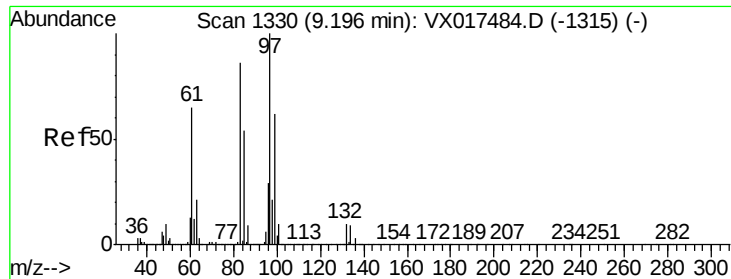
Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

39 48.5 41.8 62.8

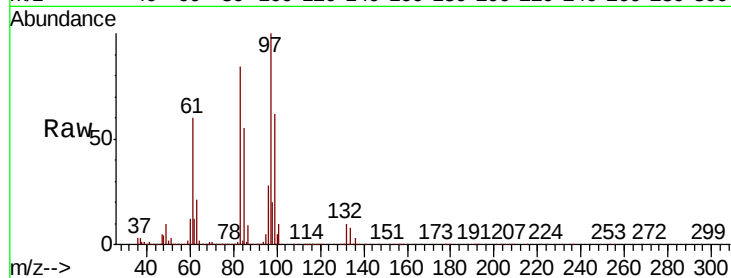




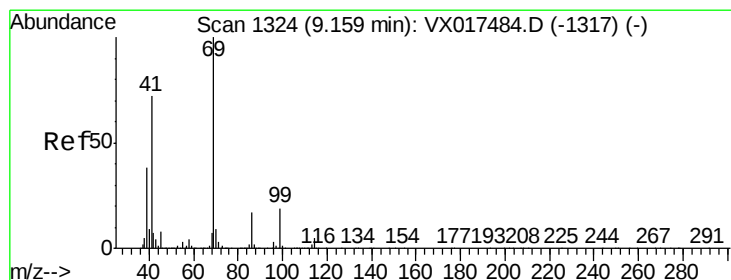
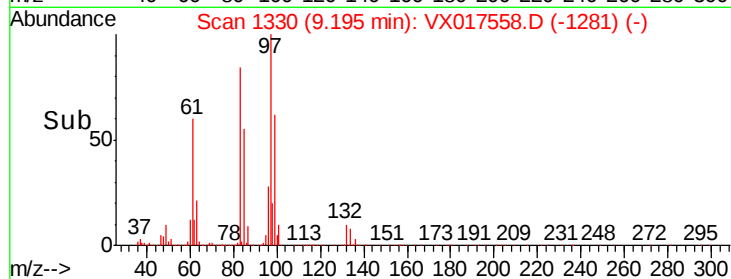
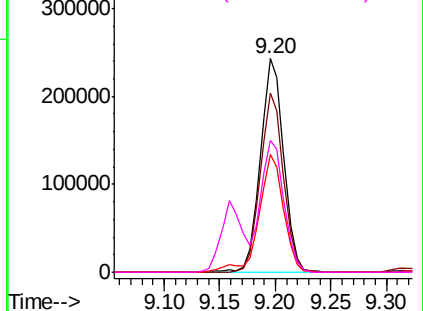
#55
 1,1,2-Trichloroethane
 Concen: 50.966 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	357817
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.6	101.4
85	55.0	44.6	67.0
99	61.9	50.2	75.4

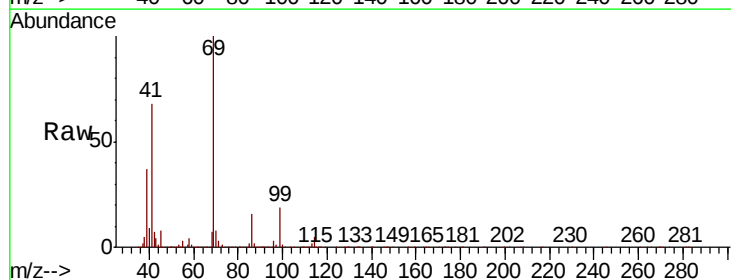


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

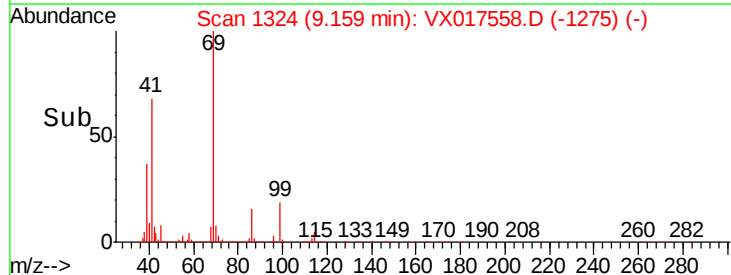
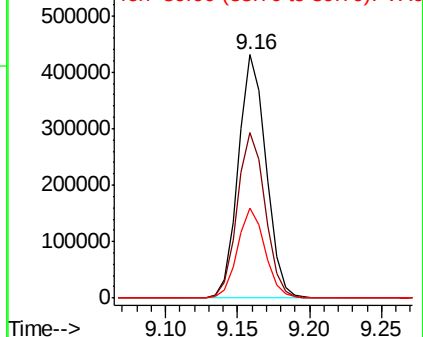


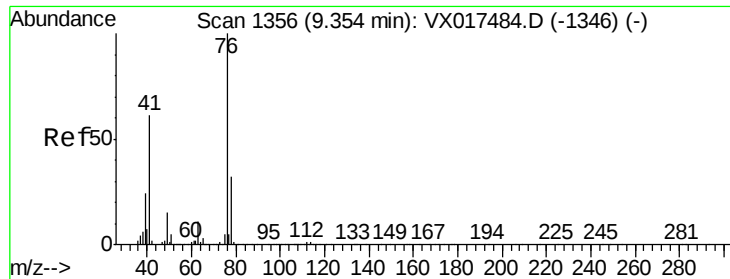
#56
 Ethyl methacrylate
 Concen: 54.567 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Tgt Ion:	69	Resp:	577165
Ion	Ratio	Lower	Upper
69	100		
41	68.7	55.0	82.6
39	36.7	30.0	45.0



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: 51.925 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

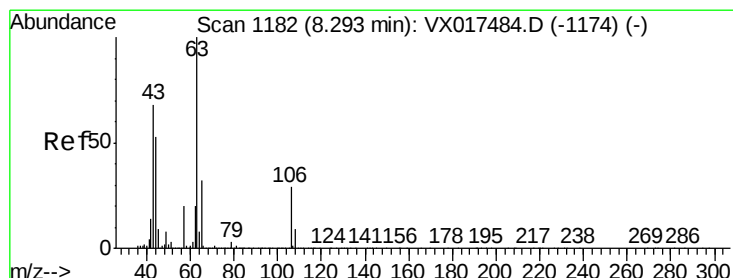
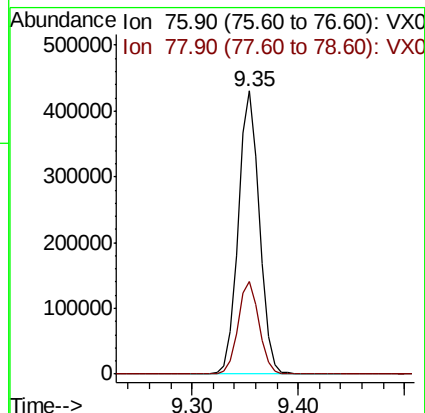
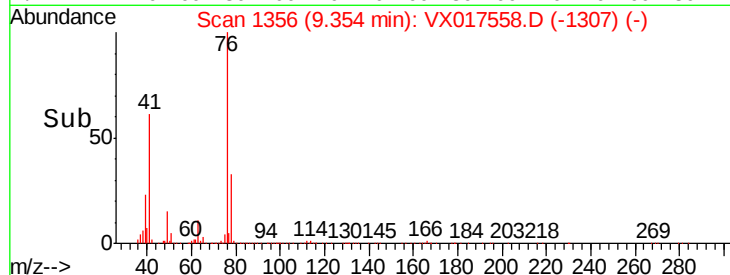
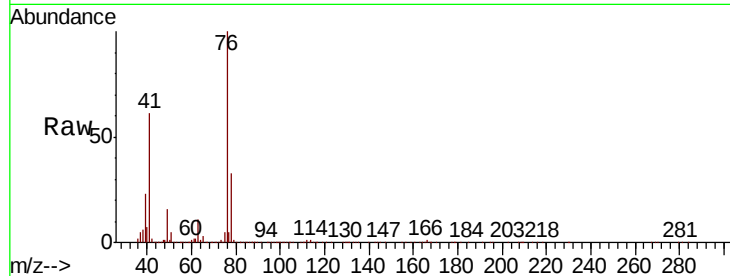
VSTDCCC050EC

Tot Ion: 76 Resp: 600272

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 274.876 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017558.D

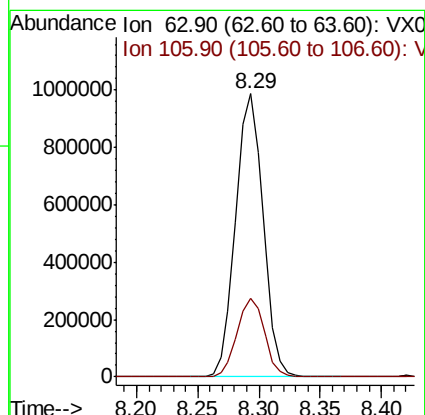
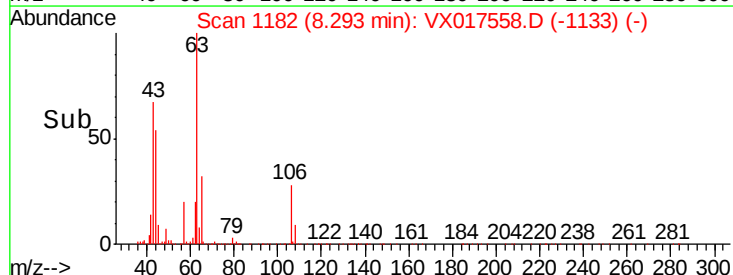
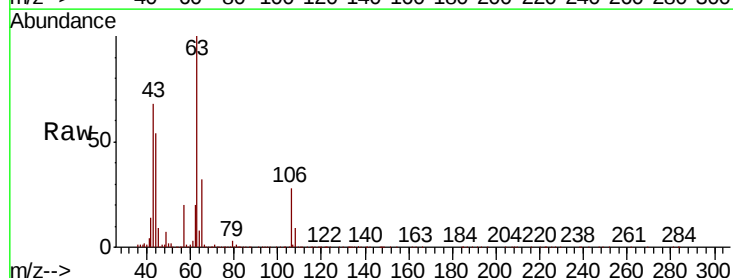
Acq: 24 Jul 2020 21:04

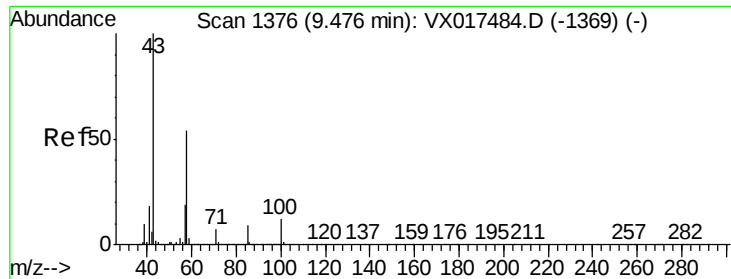
Tgt Ion: 63 Resp: 1531755

Ion Ratio Lower Upper

63 100

106 27.8 22.6 34.0

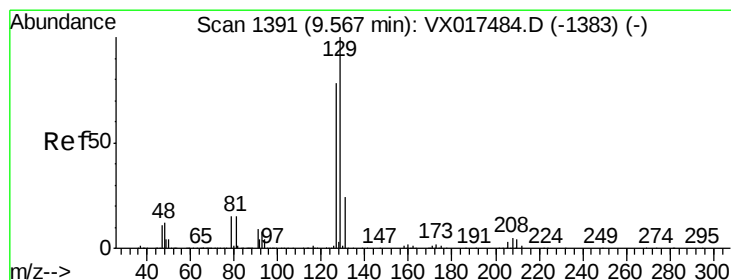
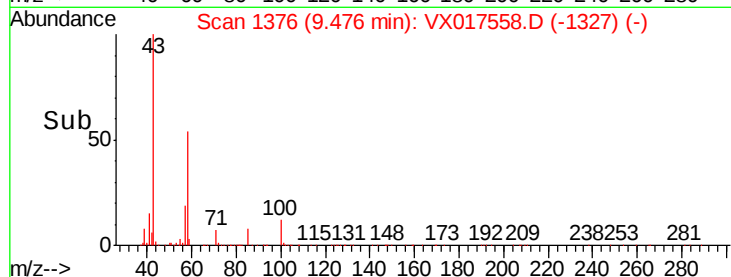
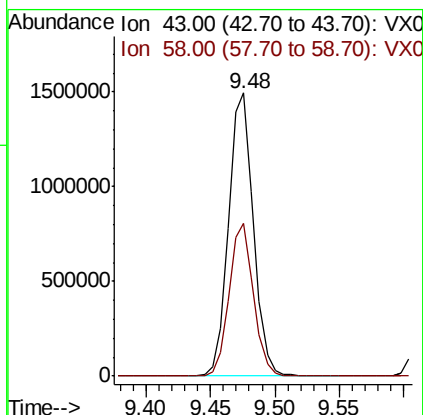
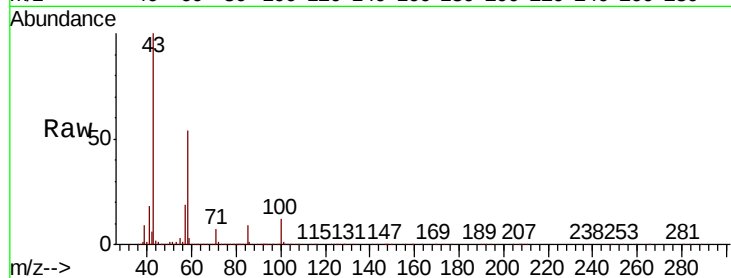




#59
2-Hexanone
Concen: 271.668 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

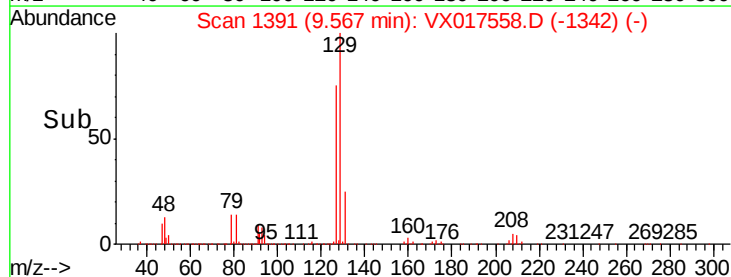
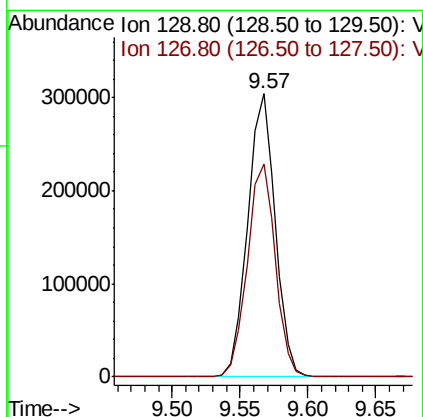
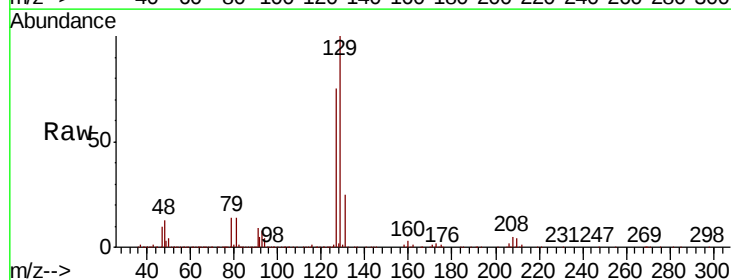
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

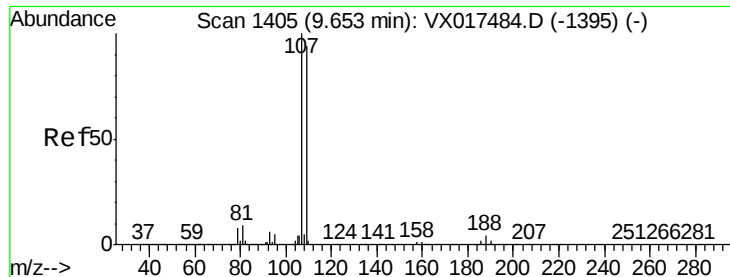
Tot Ion: 43 Resp: 2019446
Ion Ratio Lower Upper
43 100
58 52.9 26.6 79.8



#60
Dibromochloromethane
Concen: 48.473 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 129 Resp: 432541
Ion Ratio Lower Upper
129 100
127 76.6 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.385 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

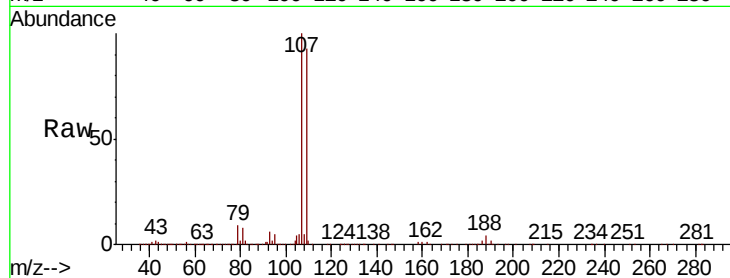
VSTDCCC050EC

Tot Ion: 107 Resp: 376603

Ion Ratio Lower Upper

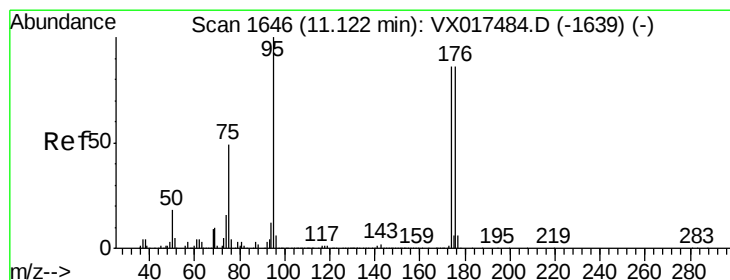
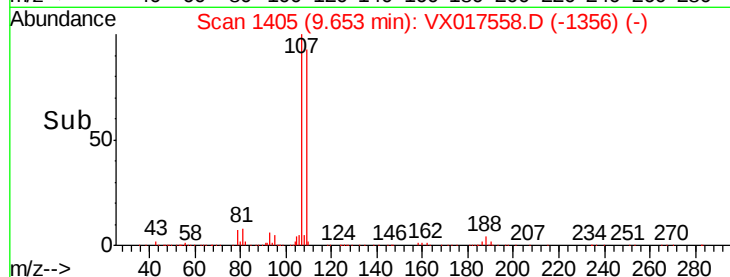
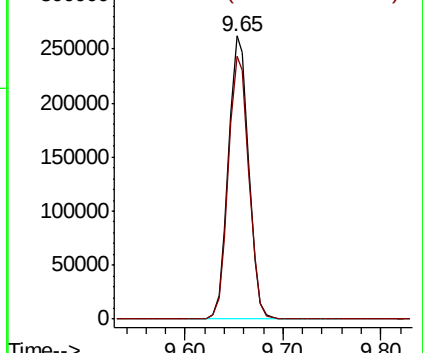
107 100

109 94.1 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.483 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

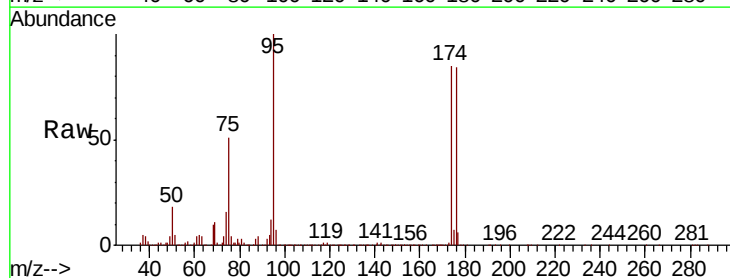
Tgt Ion: 95 Resp: 475087

Ion Ratio Lower Upper

95 100

174 84.8 0.0 169.0

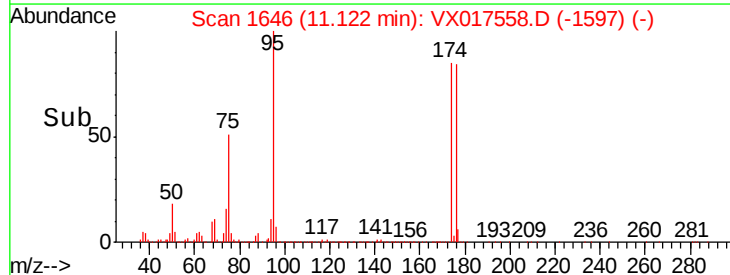
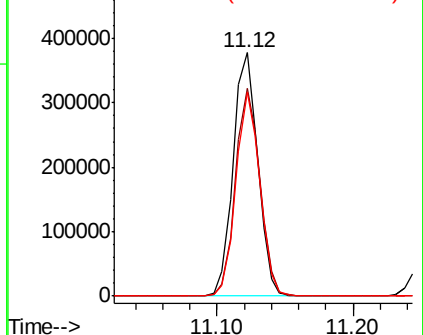
176 81.3 0.0 161.0

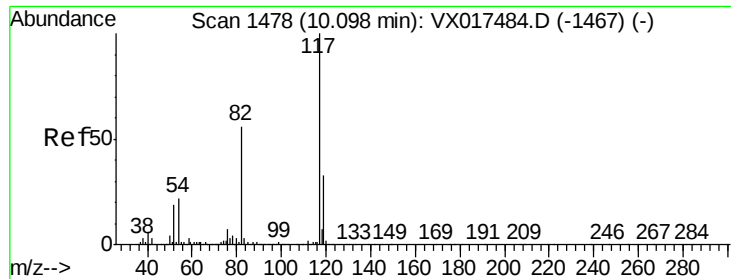


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

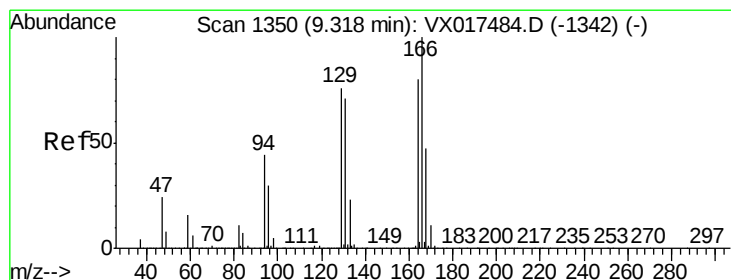
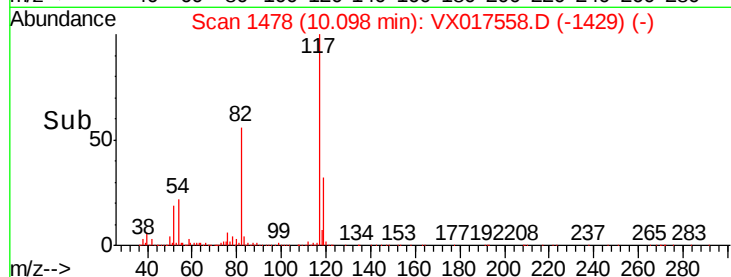
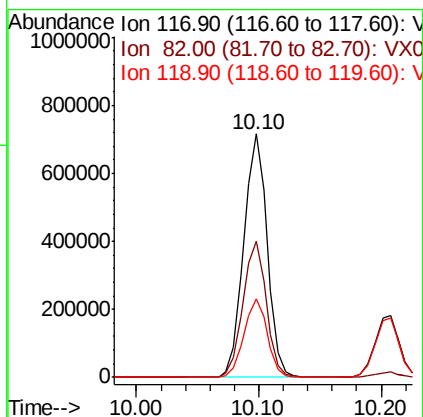
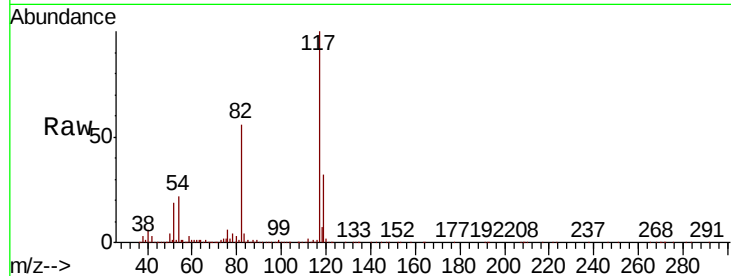




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

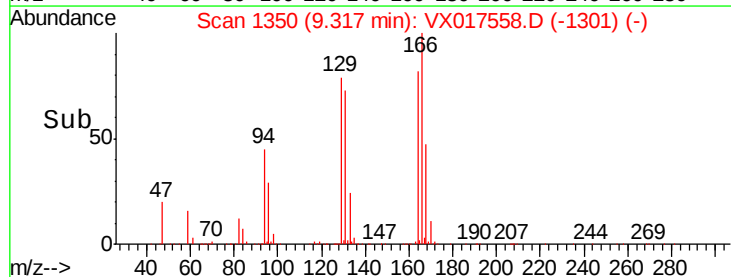
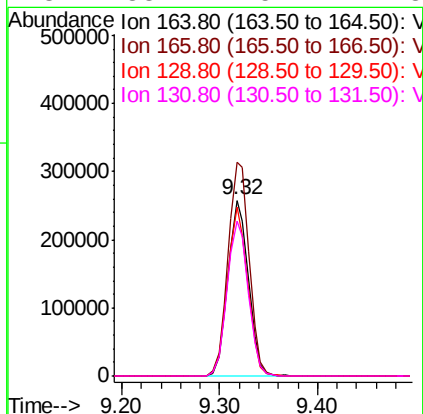
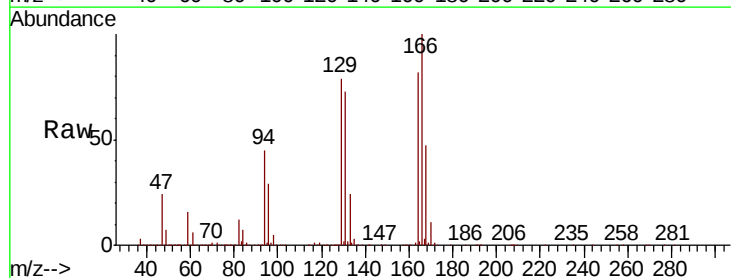
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

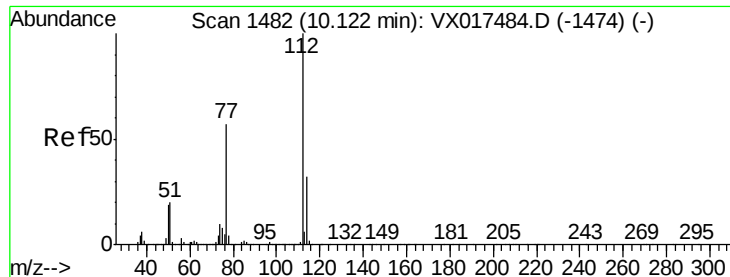
Tot Ion:117 Resp: 950886
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 32.3 25.4 38.0



#64
Tetrachloroethene
Concen: 43.890 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion:164 Resp: 374580
Ion Ratio Lower Upper
164 100
166 121.6 100.6 150.8
129 96.3 75.0 112.6
131 88.4 75.2 112.8





#65

Chlorobenzene

Concen: 47.336 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

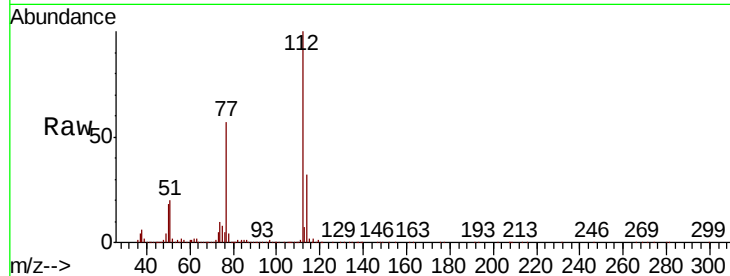
VSTDCCC050EC

Tot Ion:112 Resp: 974280

Ion Ratio Lower Upper

112 100

114 32.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

800000

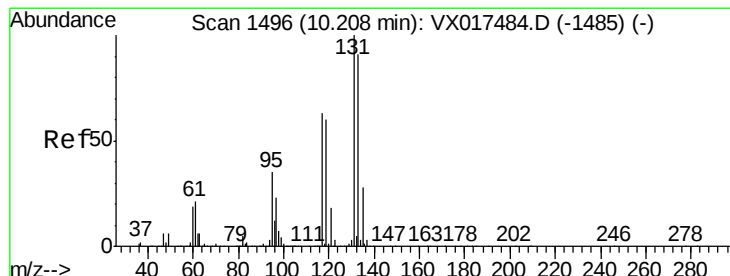
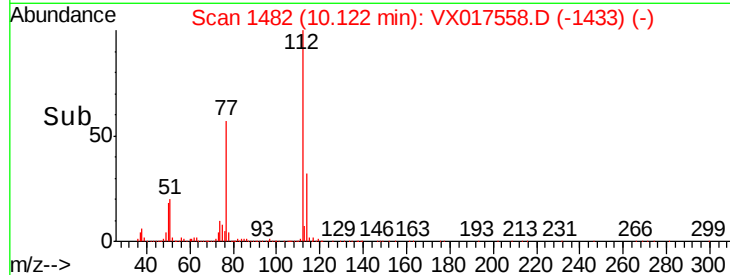
600000

400000

200000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 46.038 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

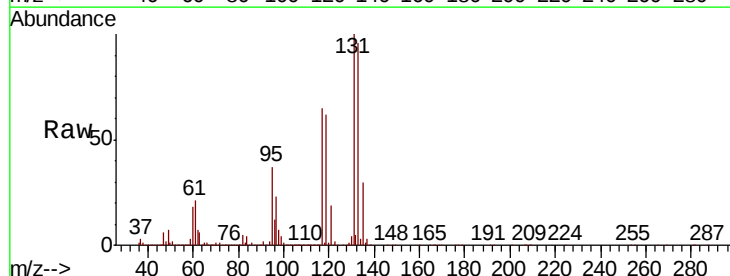
Tgt Ion:131 Resp: 382426

Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.6

119 63.4 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

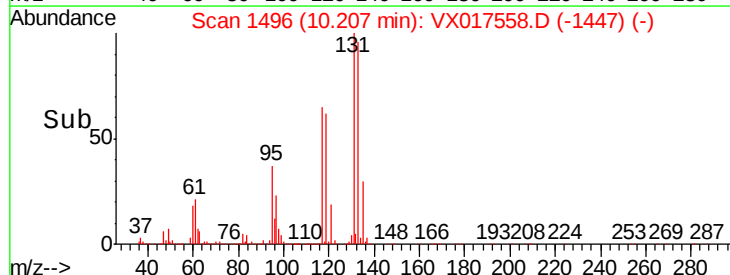
300000

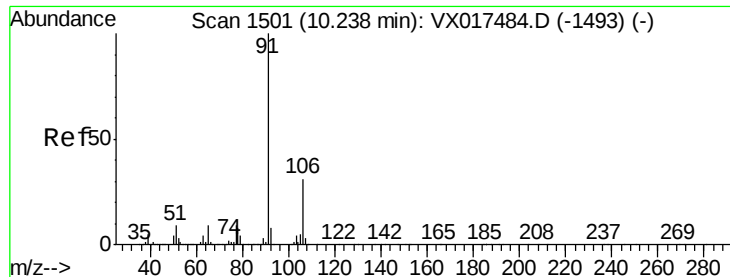
200000

100000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 47.975 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

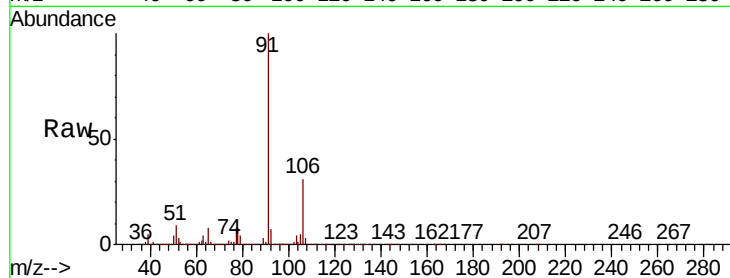
VSTDCCC050EC

Tot Ion: 91 Resp: 1648266

Ion Ratio Lower Upper

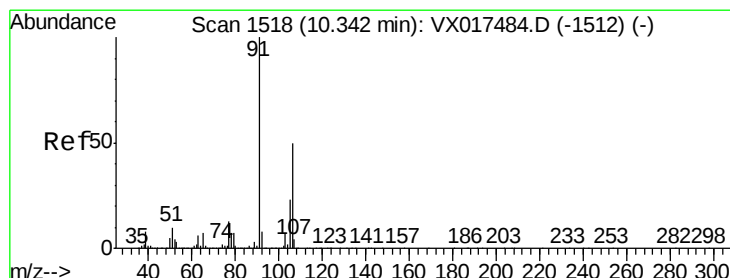
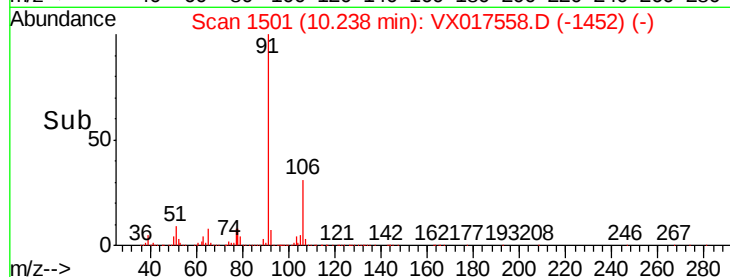
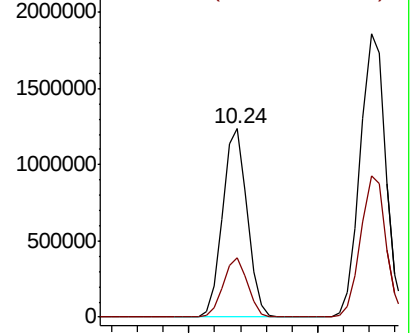
91 100

106 31.3 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 94.162 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017558.D

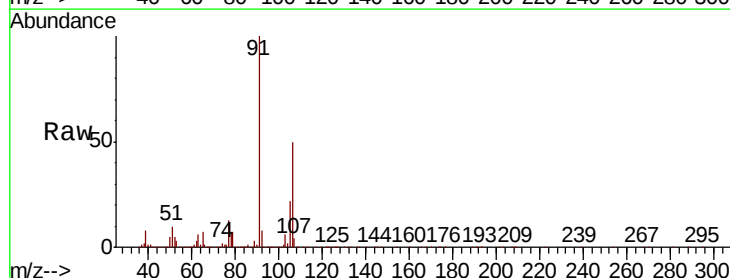
Acq: 24 Jul 2020 21:04

Tgt Ion: 106 Resp: 1253280

Ion Ratio Lower Upper

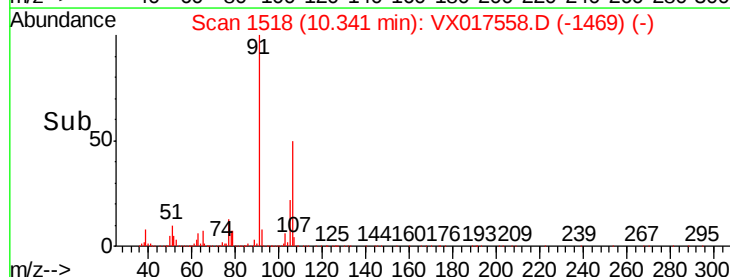
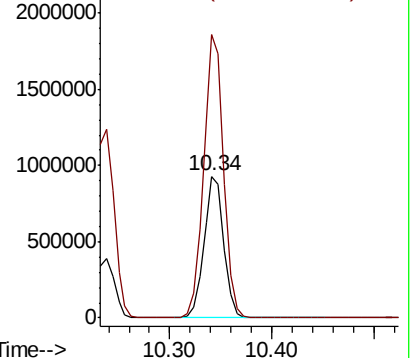
106 100

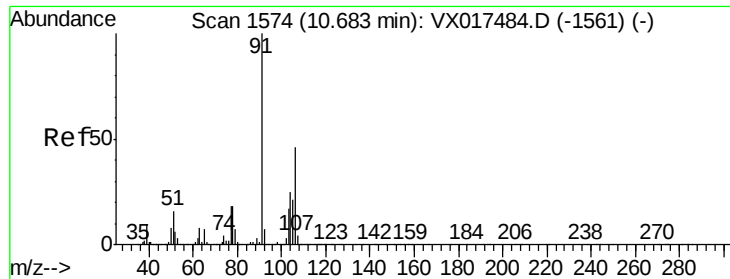
91 202.0 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

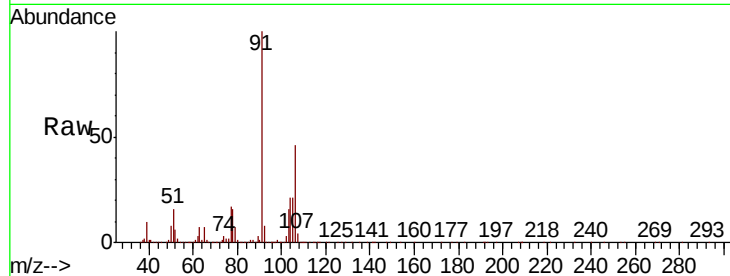




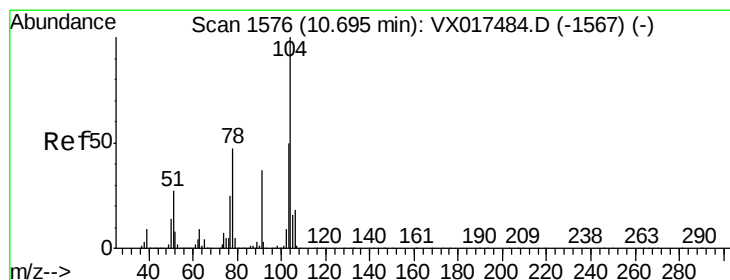
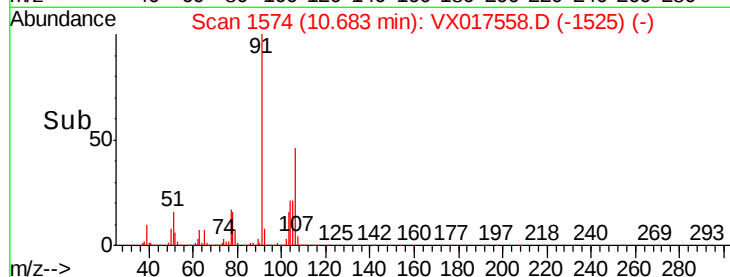
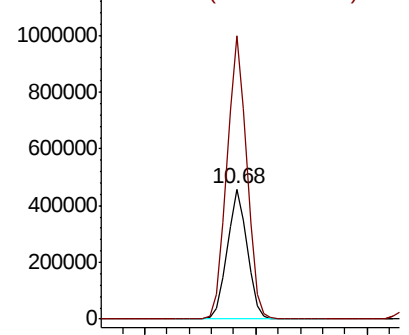
#69
o-Xylene
Concen: 44.300 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 567085
Ion Ratio Lower Upper
106 100
91 217.4 108.2 324.6

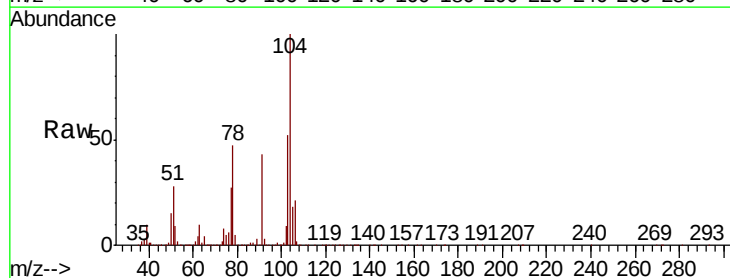


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

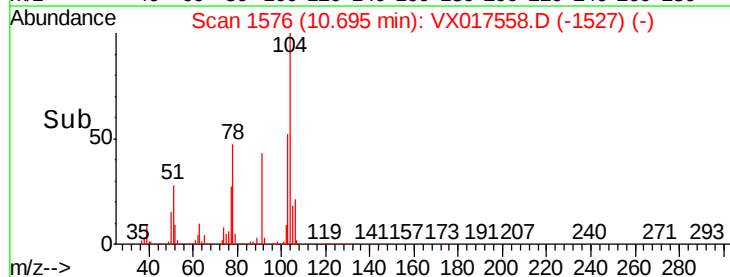
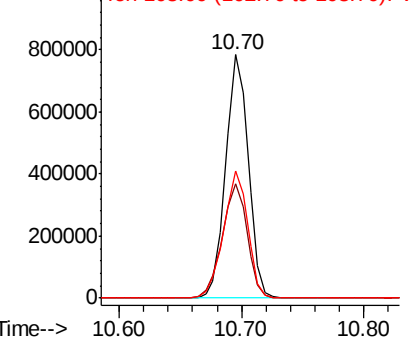


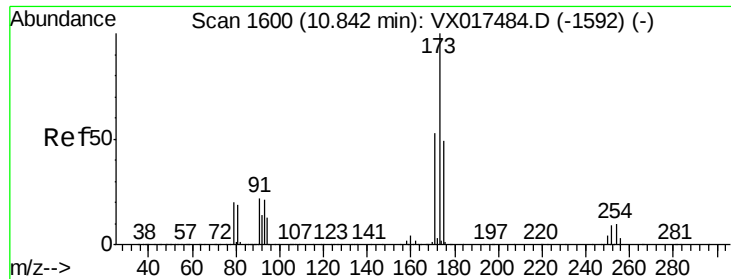
#70
Styrene
Concen: 45.877 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion:104 Resp: 999191
Ion Ratio Lower Upper
104 100
78 52.0 42.5 63.7
103 55.9 44.3 66.5



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





#71

Bromoform

Concen: 46.225 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

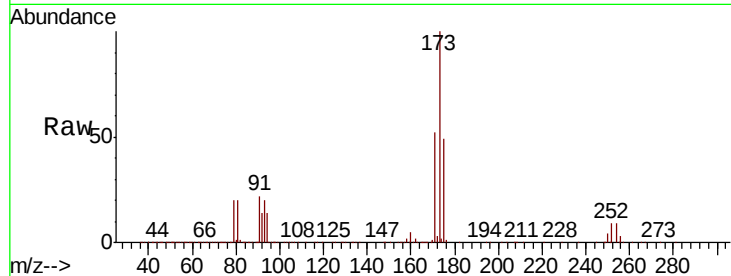
Tot Ion:173 Resp: 332668

Ion Ratio Lower Upper

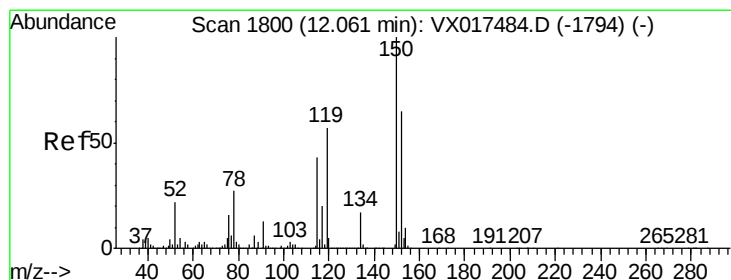
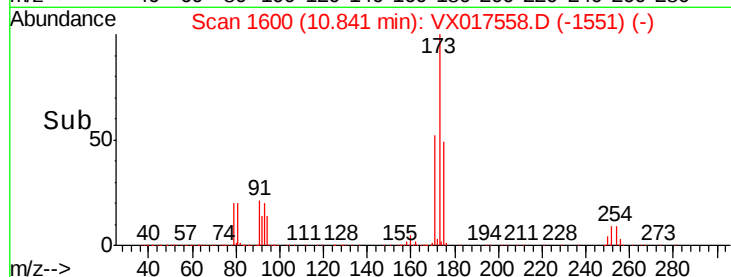
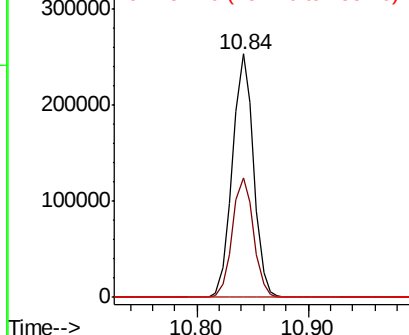
173 100

175 49.3 23.8 71.5

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

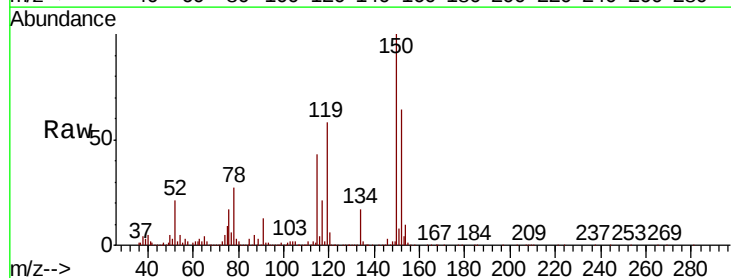
Tgt Ion:152 Resp: 495727

Ion Ratio Lower Upper

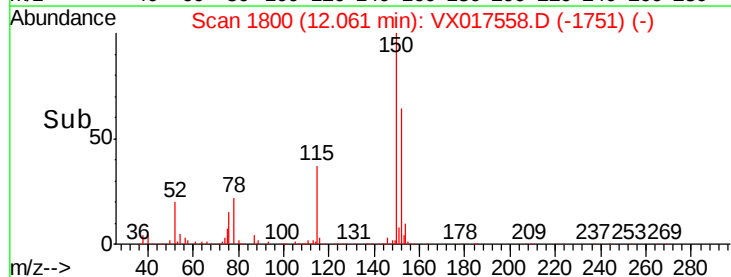
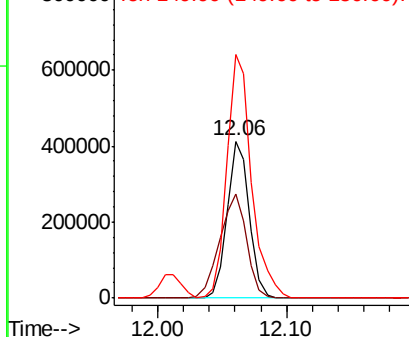
152 100

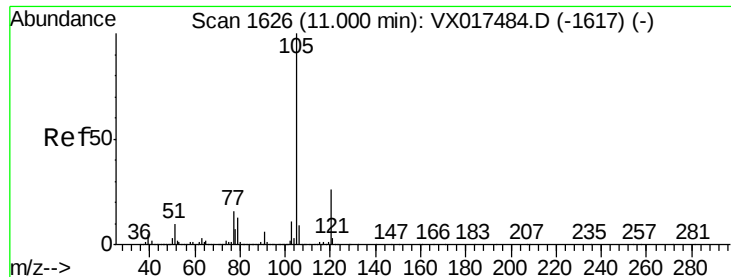
115 81.3 65.5 196.6

150 173.2 0.0 412.6



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: 47.992 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

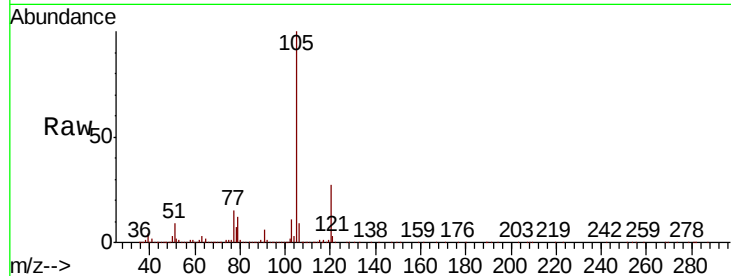
VSTDCCC050EC

Tot Ion:105 Resp: 1632107

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

1500000 Ion 120.00 (119.70 to 120.70): V

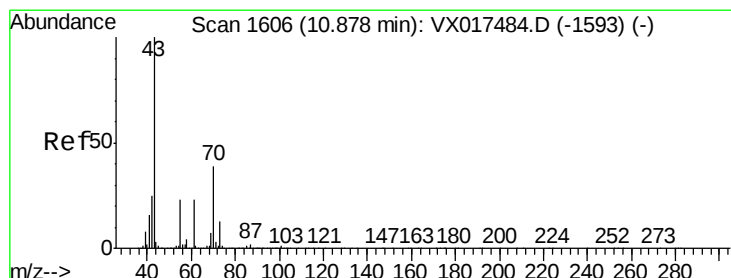
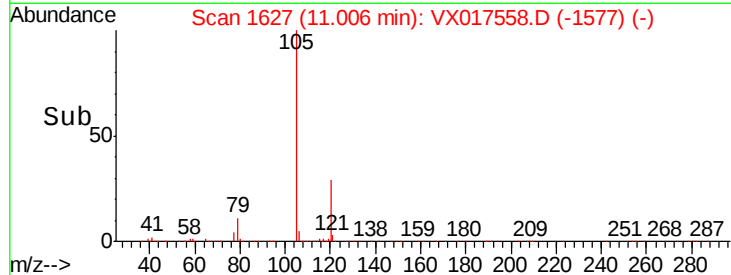
11.01

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 51.083 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Tgt Ion: 43 Resp: 771858

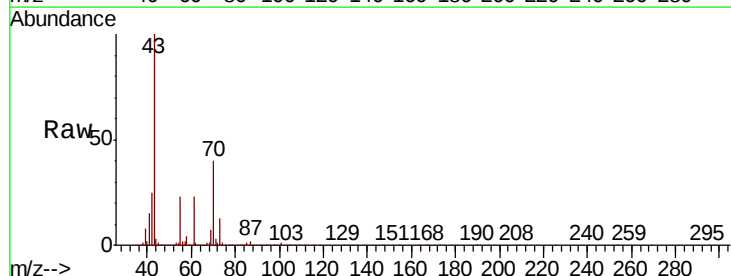
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 23.5 18.4 27.6

61 23.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

1000000 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

800000

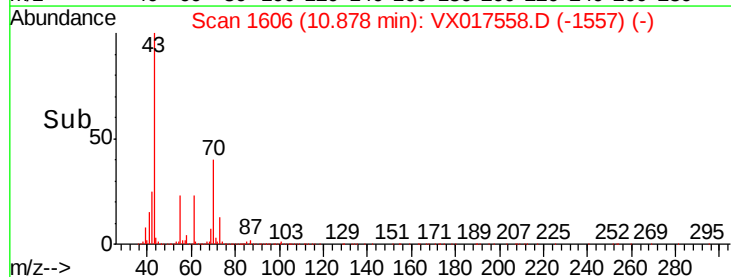
600000

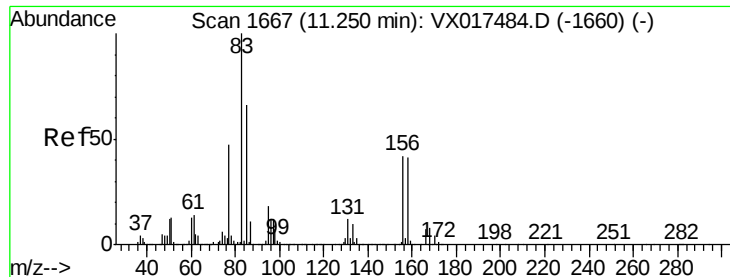
400000

200000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 45.948 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

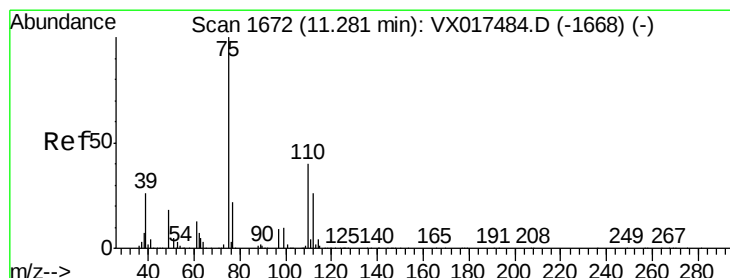
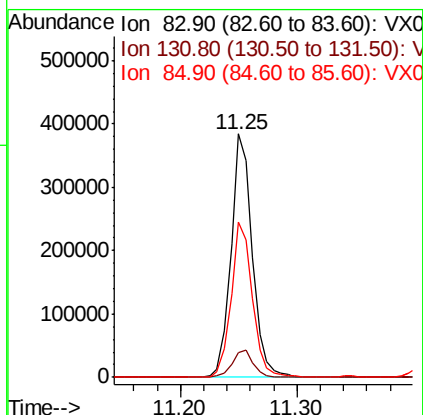
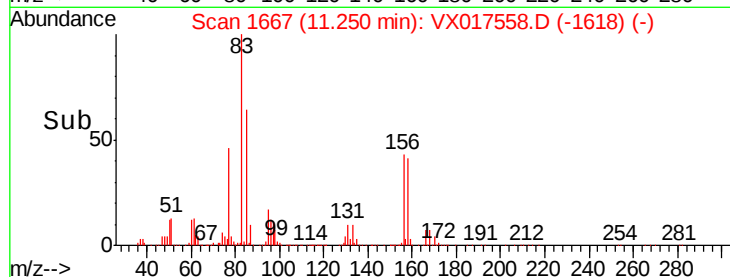
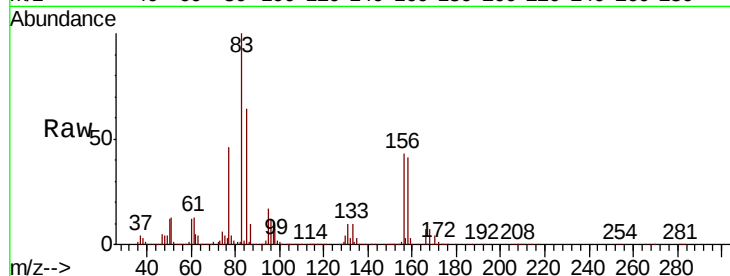
Tot Ion: 83 Resp: 487736

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.5

85 64.1 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 61.596 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017558.D

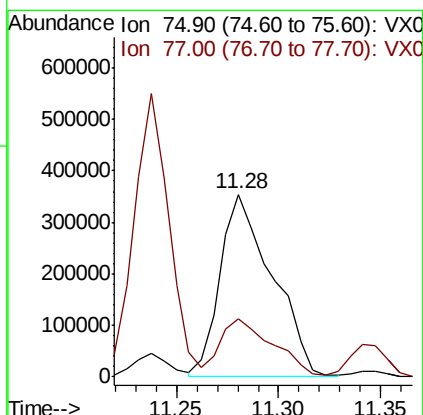
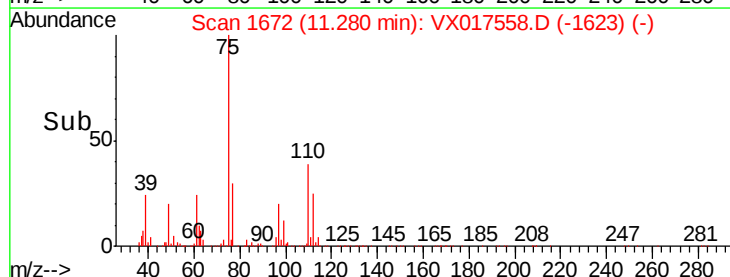
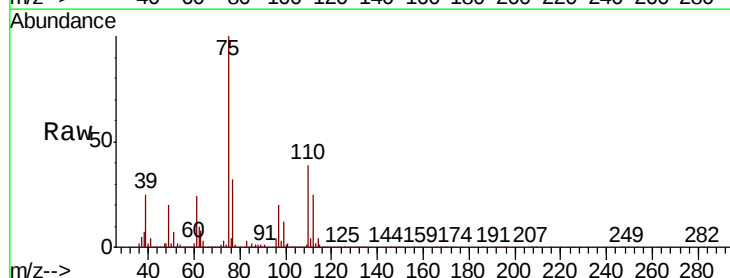
Acq: 24 Jul 2020 21:04

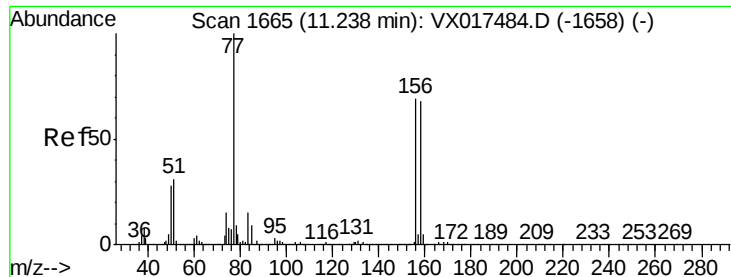
Tgt Ion: 75 Resp: 628113

Ion Ratio Lower Upper

75 100

77 32.0 21.8 65.3





#77

Bromobenzene

Concen: 46.159 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

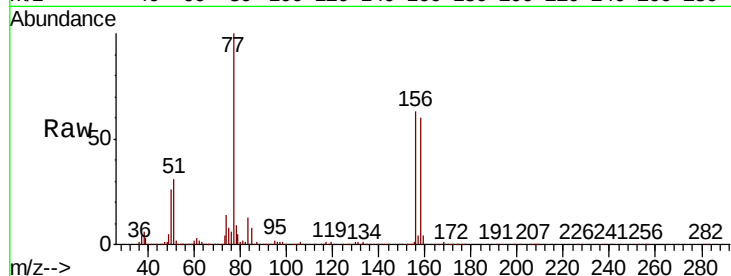
Tot Ion:156 Resp: 439460

Ion Ratio Lower Upper

156 100

77 150.0 75.0 225.0

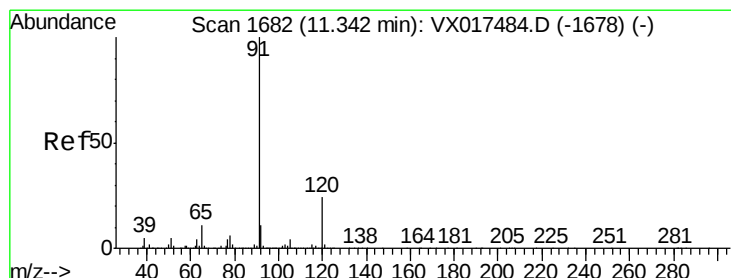
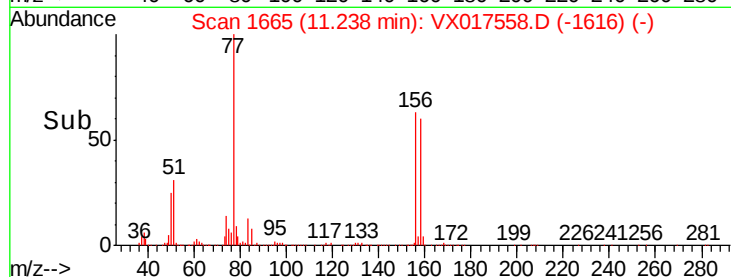
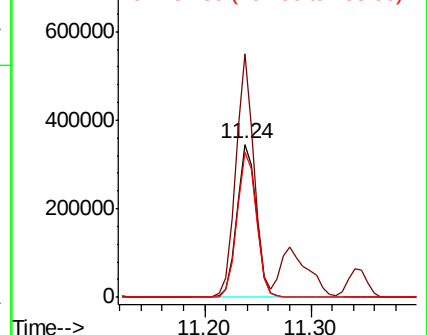
158 95.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.065 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017558.D

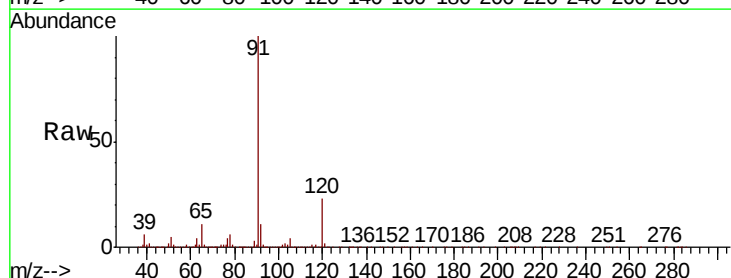
Acq: 24 Jul 2020 21:04

Tgt Ion: 91 Resp: 1996968

Ion Ratio Lower Upper

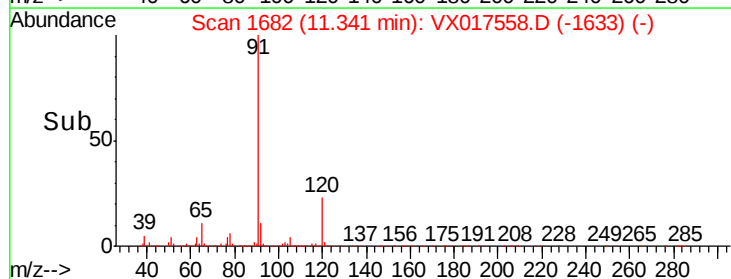
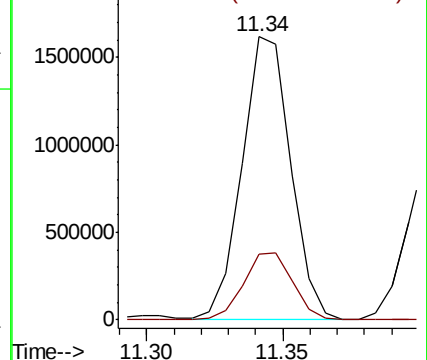
91 100

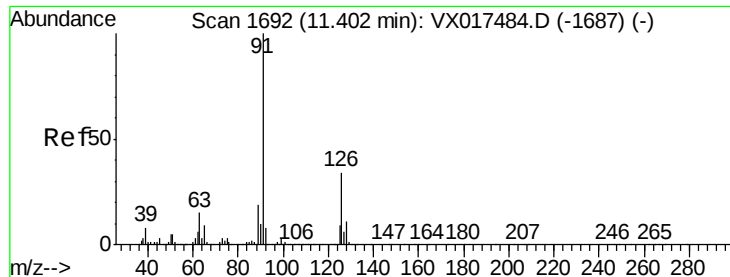
120 24.2 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

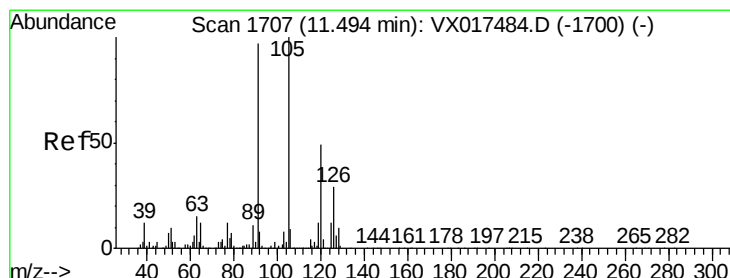
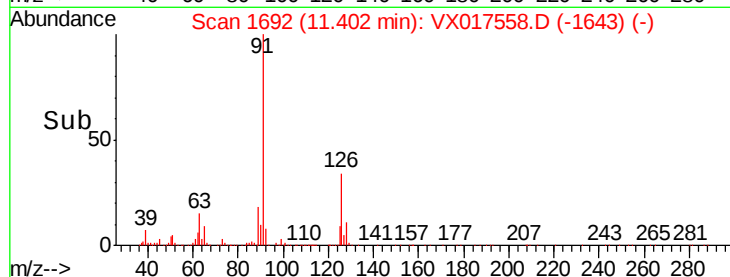
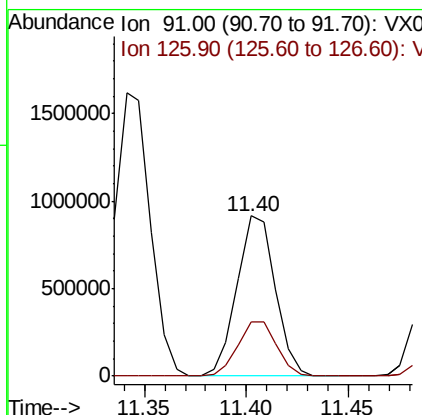
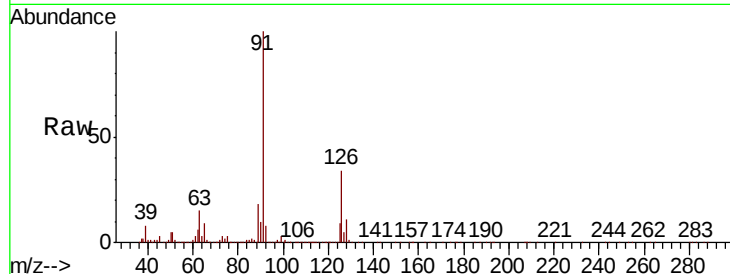




#79
2-Chlorotoluene
Concen: 50.027 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

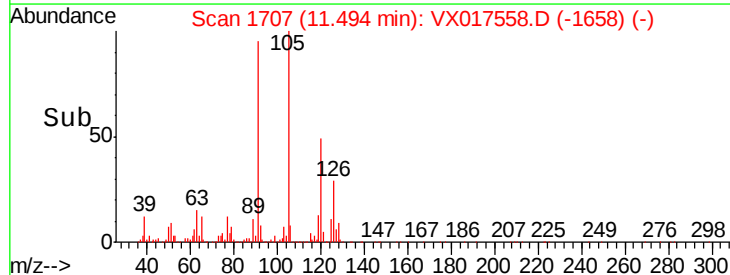
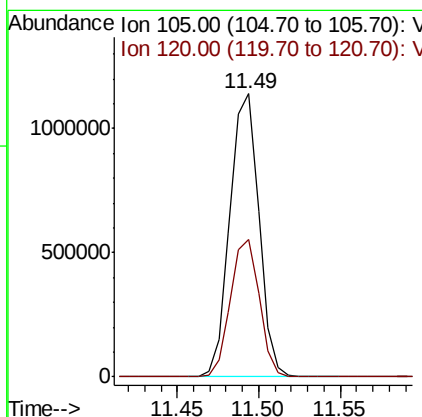
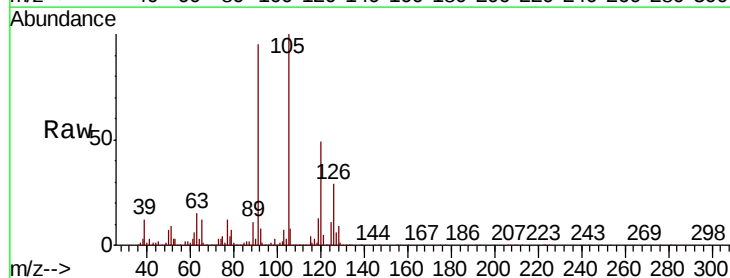
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

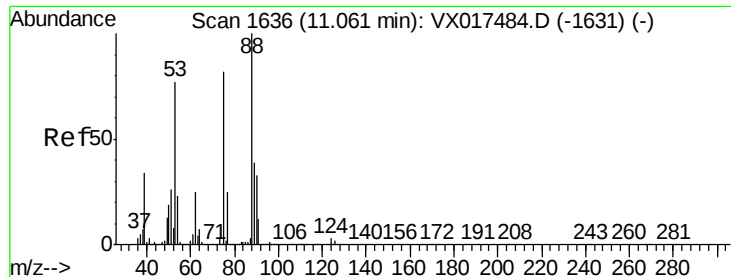
Tot Ion: 91 Resp: 1188622
Ion Ratio Lower Upper
91 100
126 34.8 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 48.632 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 105 Resp: 1412092
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.3

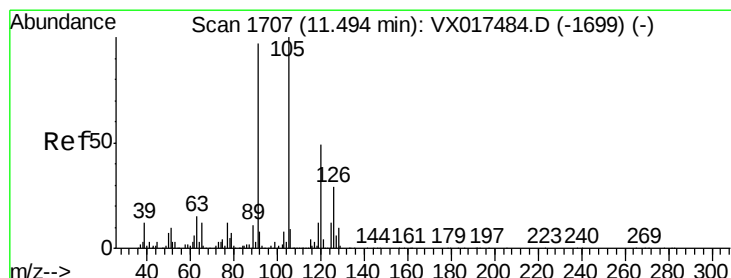
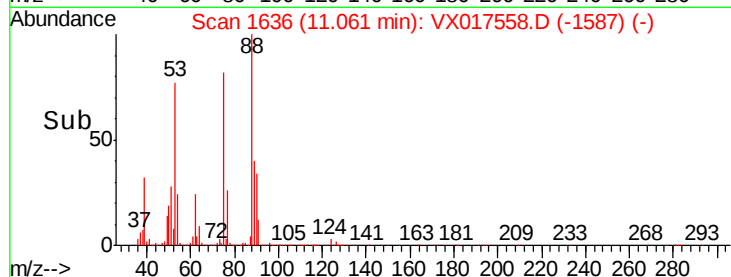
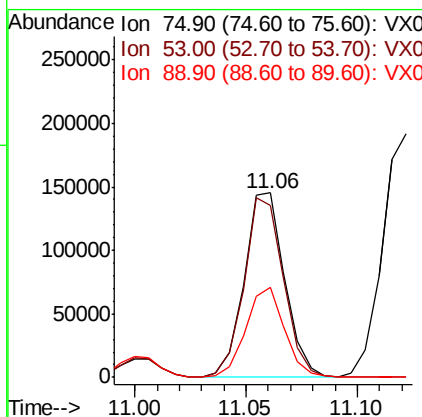
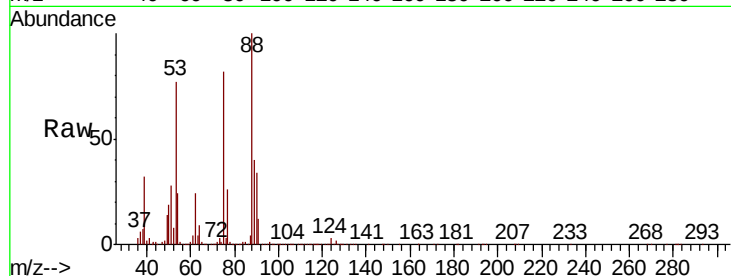




#81
trans-1,4-Dichloro-2-butene
Concen: 45.131 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

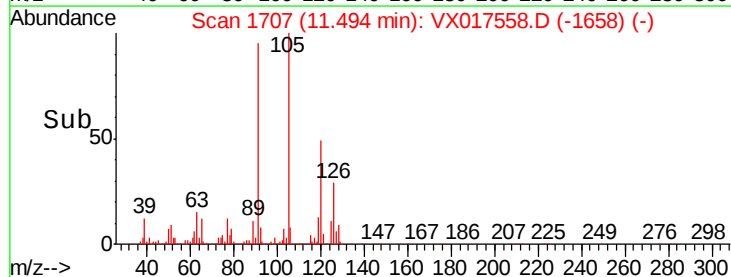
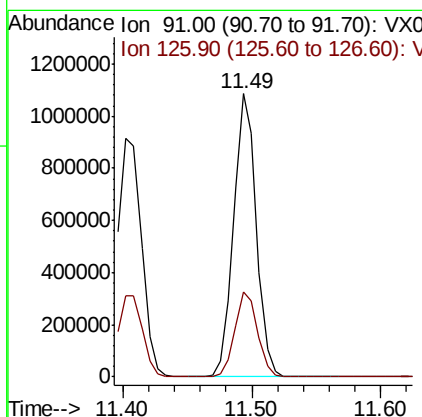
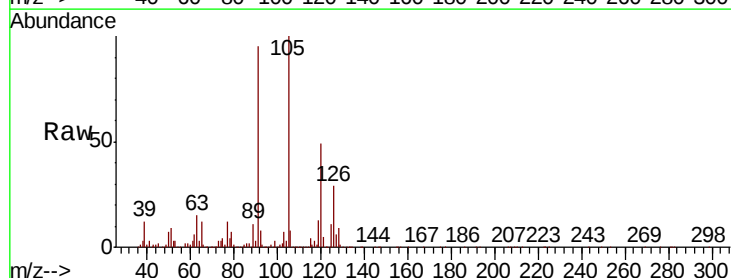
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 182640
Ion Ratio Lower Upper
75 100
53 95.9 75.9 113.9
89 47.2 37.8 56.6



#82
4-Chlorotoluene
Concen: 47.578 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 91 Resp: 1333472
Ion Ratio Lower Upper
91 100
126 30.2 15.2 45.6

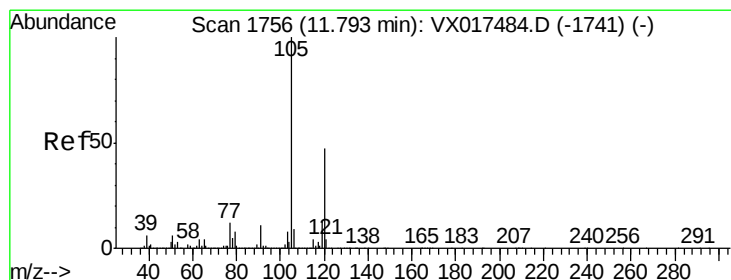
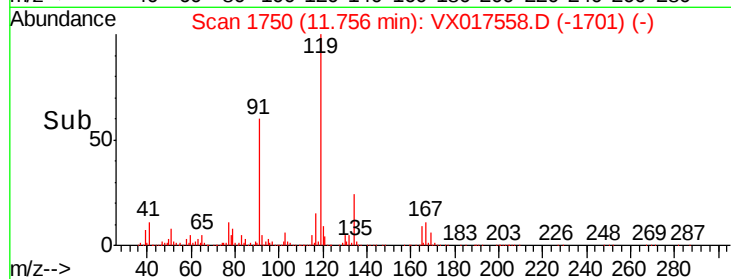
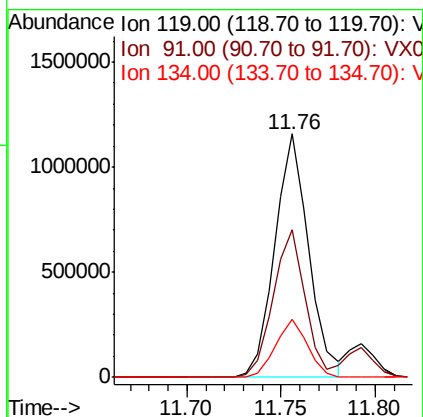
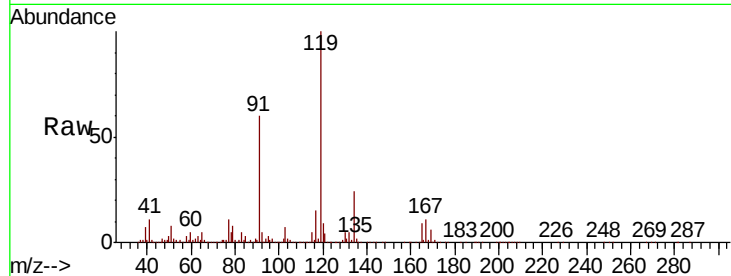




#83
 tert-Butylbenzene
 Concen: 51.735 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

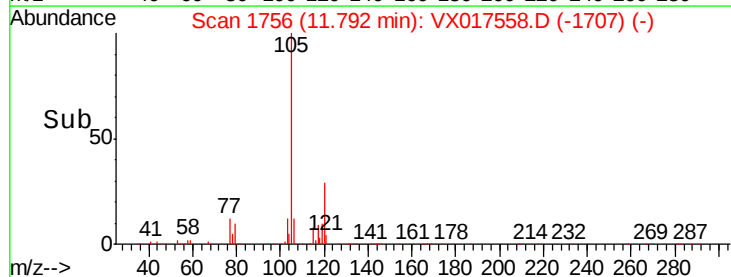
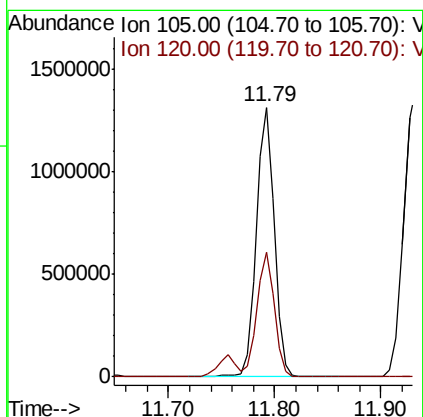
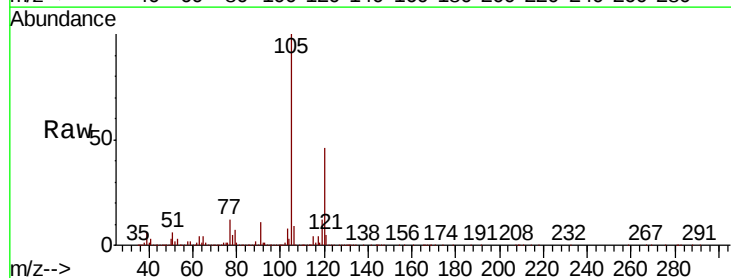
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

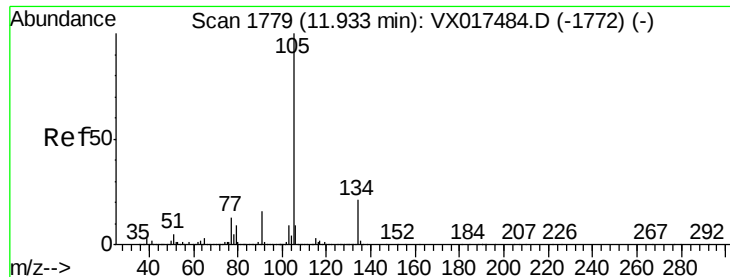
Tot Ion:119 Resp: 1437390
 Ion Ratio Lower Upper
 119 100
 91 57.3 29.3 88.0
 134 22.6 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.655 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Tgt Ion:105 Resp: 1549544
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.7 68.0





#85

sec-Butylbenzene

Concen: 52.966 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

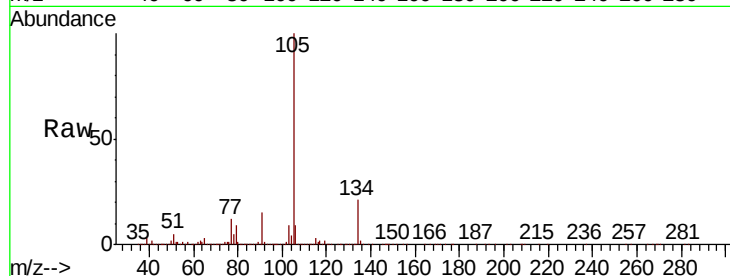
VSTDCCC050EC

Tot Ion:105 Resp: 1714278

Ion Ratio Lower Upper

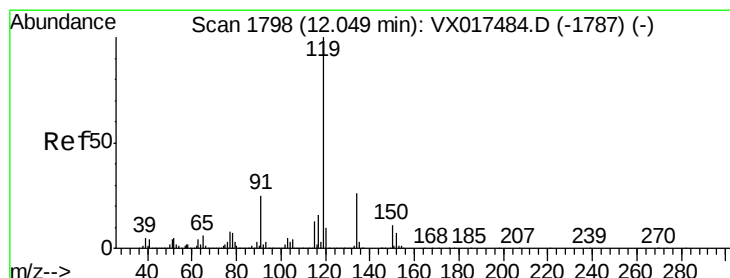
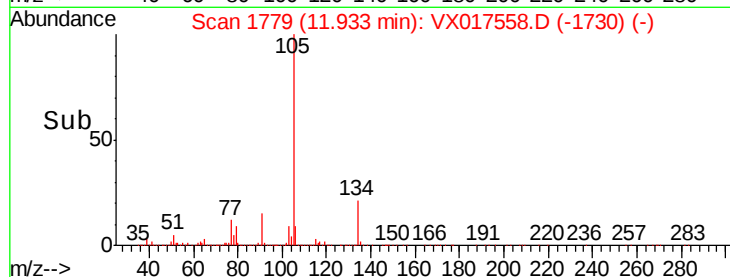
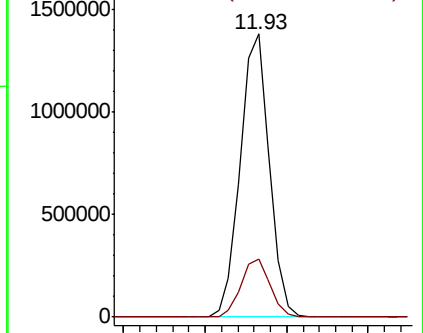
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.756 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

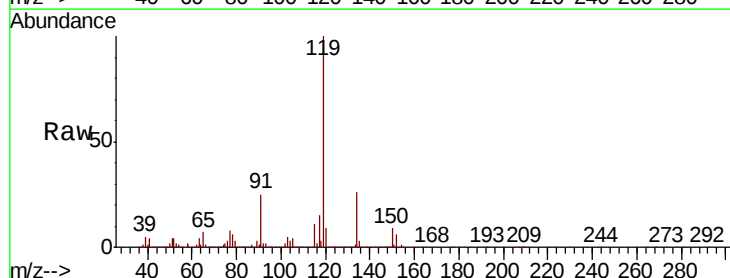
Tgt Ion:119 Resp: 1595225

Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

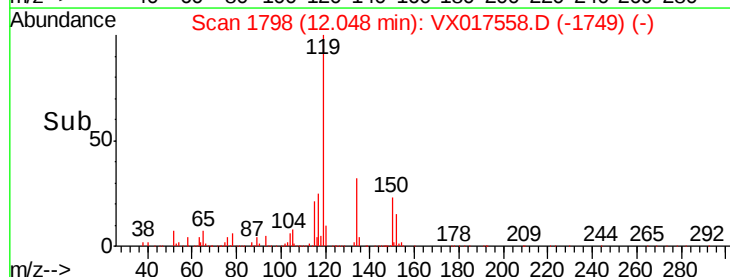
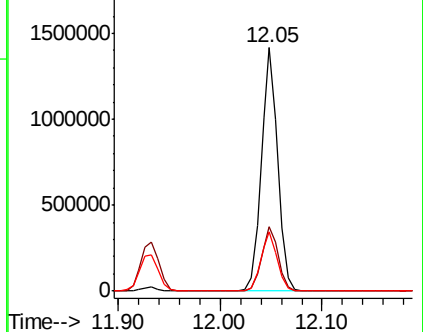
91 24.2 12.1 36.3

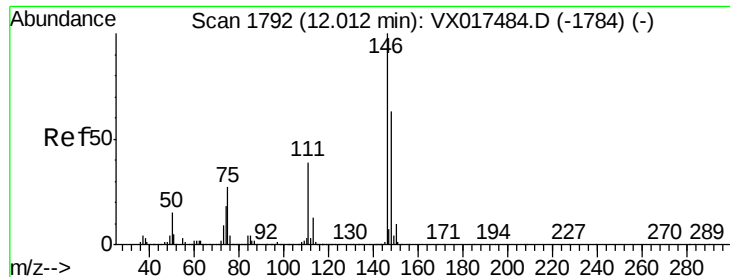


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.310 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

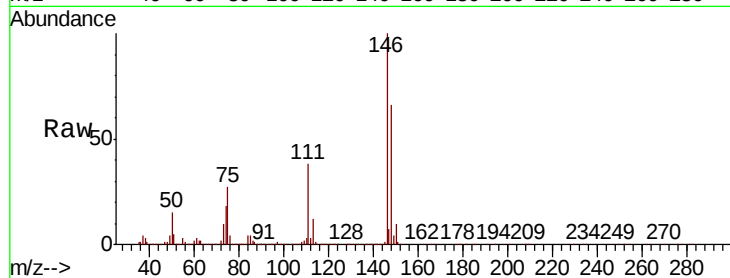
Tot Ion:146 Resp: 773470

Ion Ratio Lower Upper

146 100

111 38.9 19.9 59.7

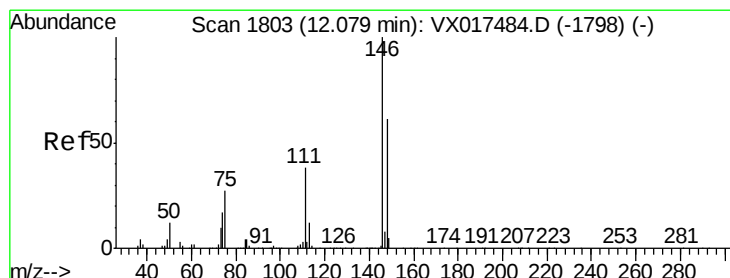
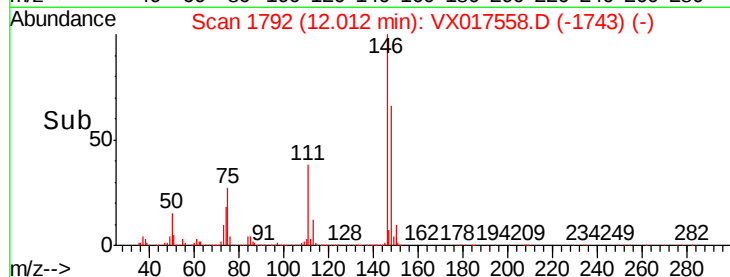
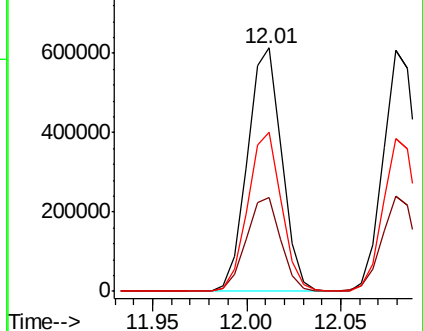
148 64.3 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 44.941 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

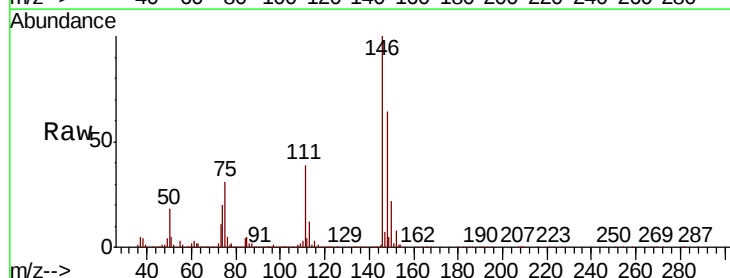
Tgt Ion:146 Resp: 761058

Ion Ratio Lower Upper

146 100

111 39.4 19.3 57.8

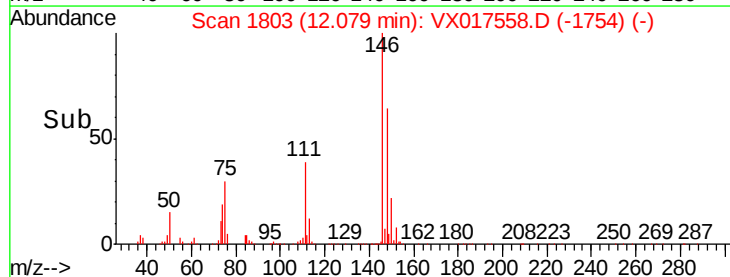
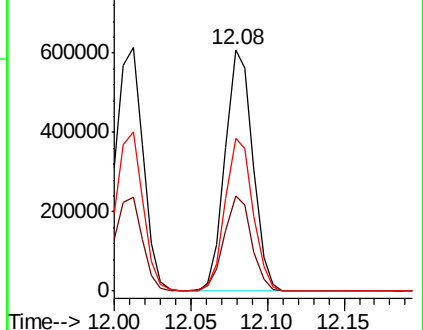
148 64.0 32.2 96.6

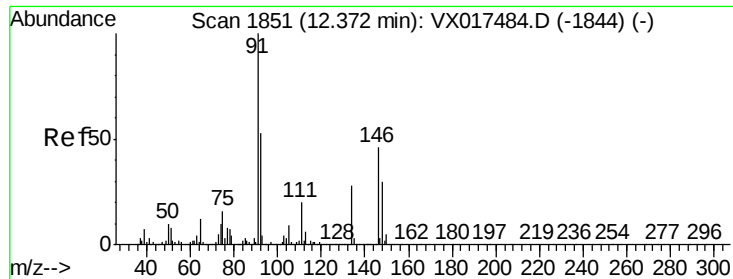


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

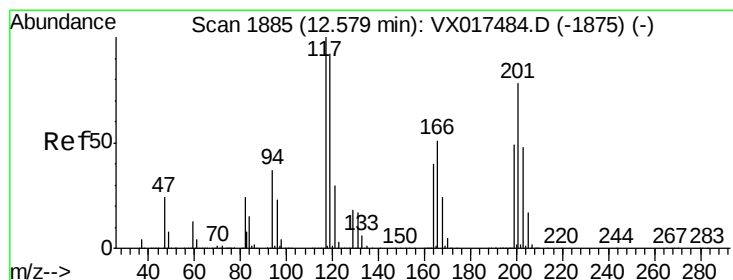
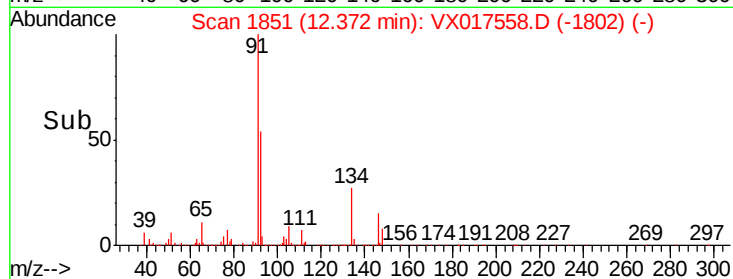
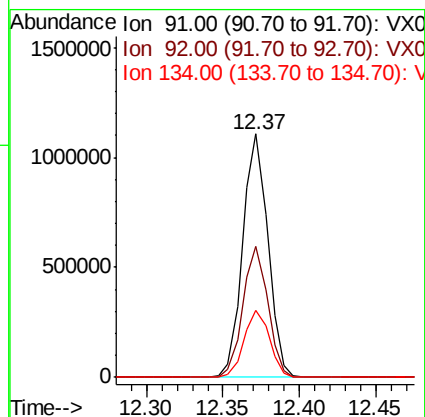
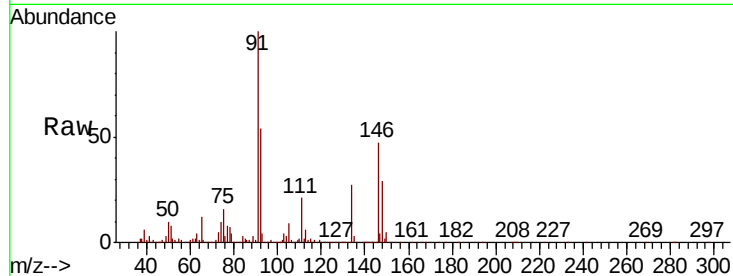




#89
n-Butylbenzene
Concen: 45.979 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

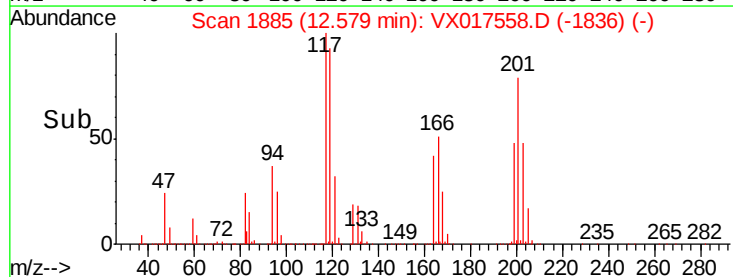
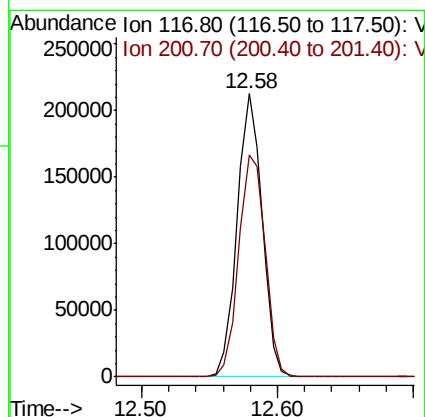
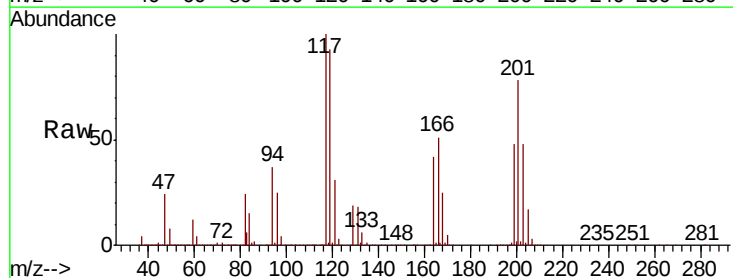
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

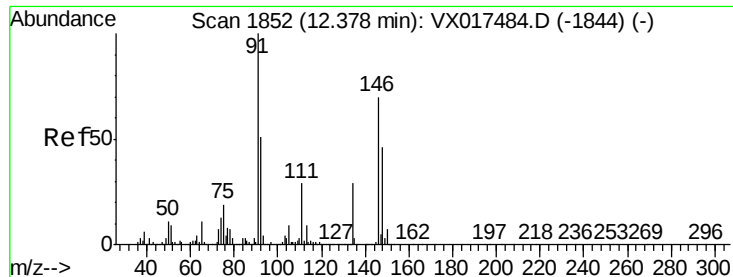
Tot Ion: 91 Resp: 1262783
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.1
134 27.8 13.6 40.7



#90
Hexachloroethane
Concen: 44.847 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017558.D
Acq: 24 Jul 2020 21:04

Tgt Ion: 117 Resp: 272513
Ion Ratio Lower Upper
117 100
201 82.8 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 45.432 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

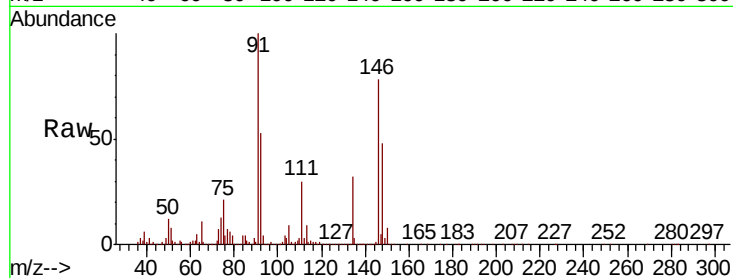
Tot Ion:146 Resp: 730029

Ion Ratio Lower Upper

146 100

111 40.3 20.9 62.8

148 63.0 32.8 98.4

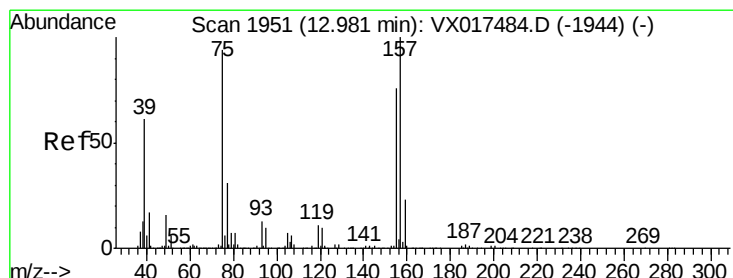
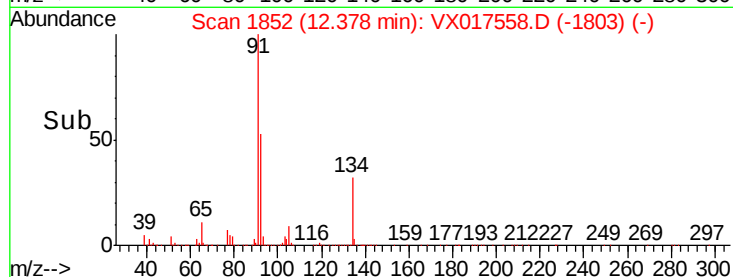
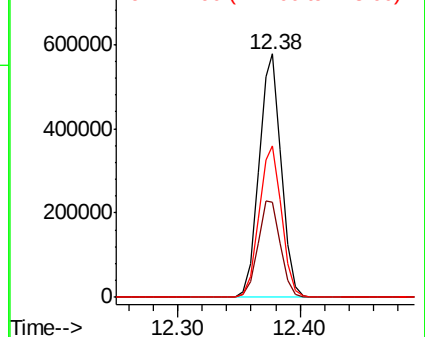


Abundance

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: 42.346 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

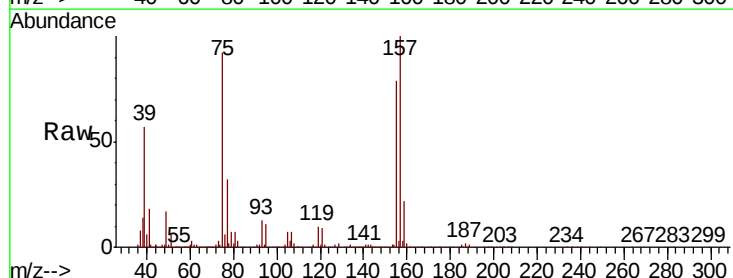
Tgt Ion: 75 Resp: 125871

Ion Ratio Lower Upper

75 100

155 88.3 42.3 126.8

157 109.2 54.3 162.9

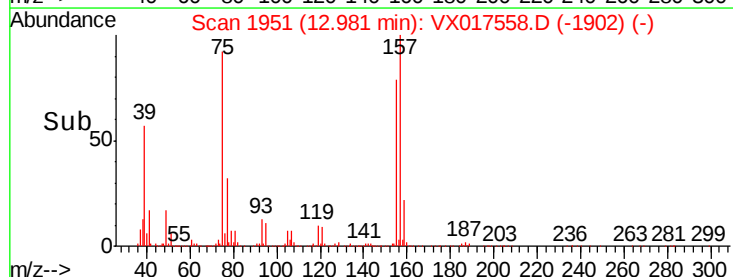
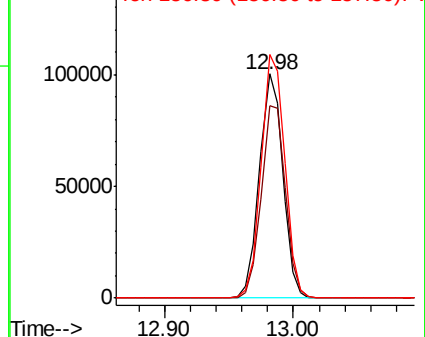


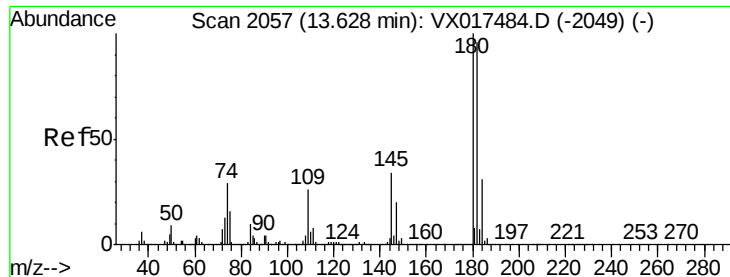
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

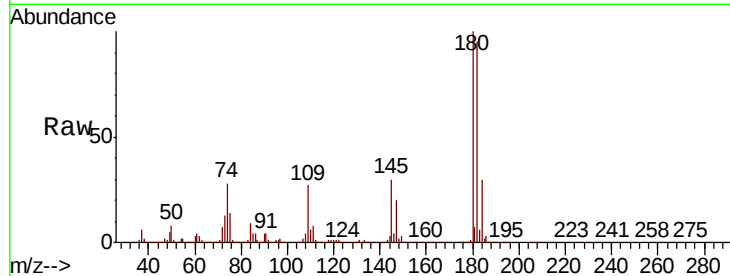




#93
 1,2,4-Trichlorobenzene
 Concen: 49.315 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.5	142.6
145	30.5	15.4	46.4

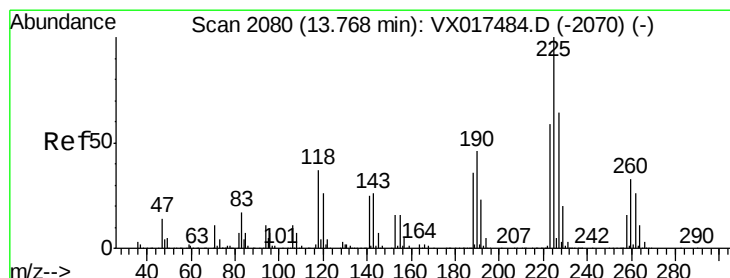
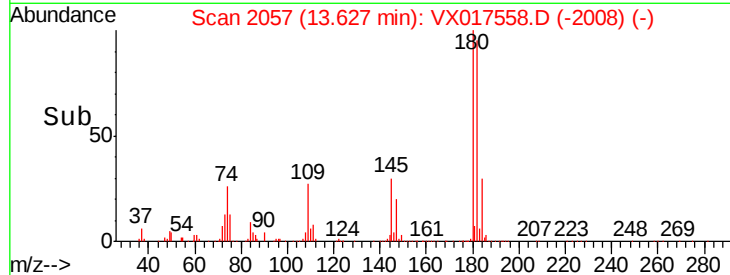
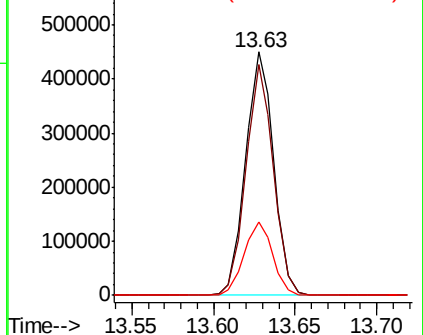


Abundance

Ion 179.80 (179.50 to 180.50): V

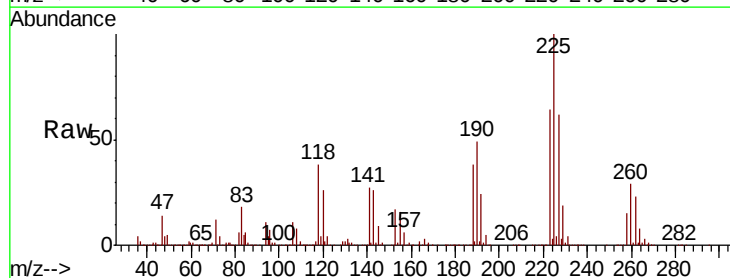
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 44.854 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017558.D
 Acq: 24 Jul 2020 21:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	30.3	90.9
227	64.4	31.1	93.2

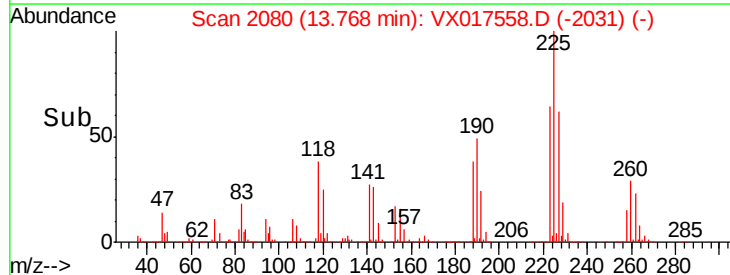
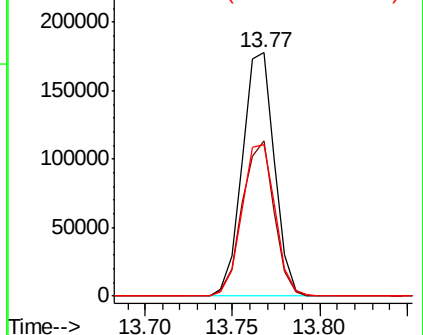


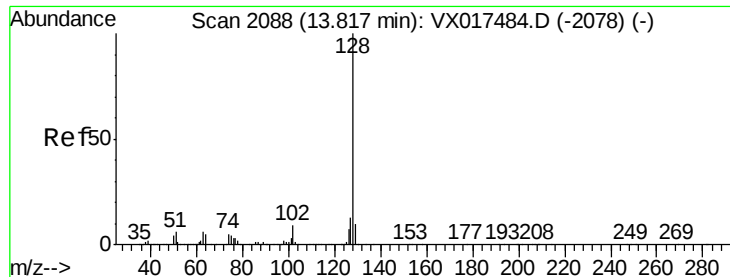
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.247 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

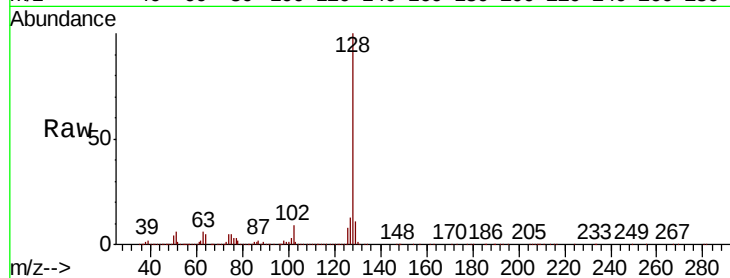
Tot Ion:128 Resp: 1644954

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

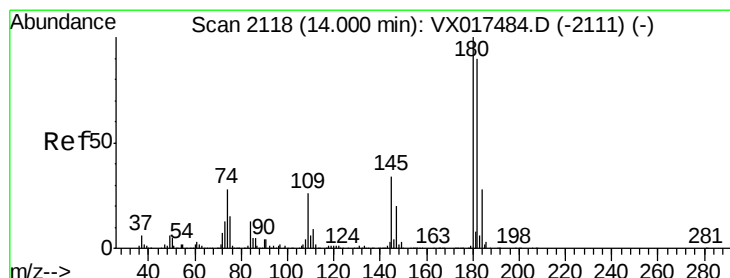
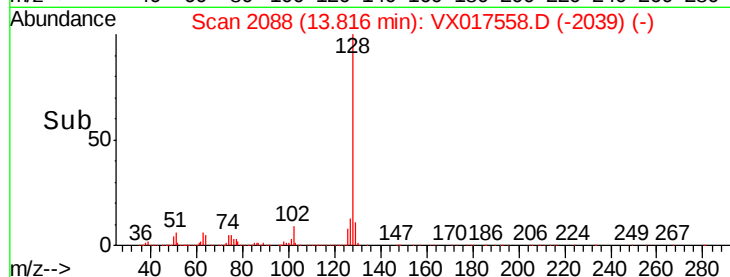
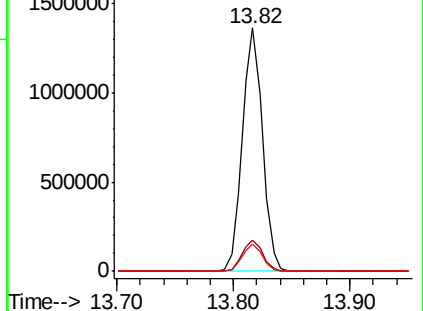
129 11.0 8.9 13.3



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: 47.752 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017558.D

Acq: 24 Jul 2020 21:04

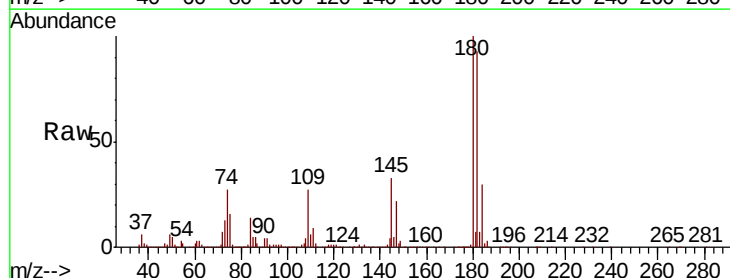
Tgt Ion:180 Resp: 517066

Ion Ratio Lower Upper

180 100

182 91.9 47.4 142.3

145 31.9 16.3 48.9



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

