

Data File : VX017272.D
Acq On : 08 Jul 2020 21:53
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Quant Time: Jul 09 04:54:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	57068	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	286659	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	269455	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	123457	27.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.63%
60) 4-Bromofluorobenzene	11.12	95	135745	30.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.70%
63) Toluene-d8	8.70	98	347315	29.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.47%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	41124	14.819	ug/l	95
3) Chloromethane	1.31	50	46552	12.370	ug/l	98
4) Vinyl Chloride	1.39	62	47729	12.437	ug/l	93
5) Bromomethane	1.63	94	33382	12.081	ug/l	99
6) Chloroethane	1.72	64	31089	12.560	ug/l	99
7) Trichlorofluoromethane	1.92	101	80044	12.825	ug/l	97
8) Diethyl Ether	2.17	74	28457	12.531	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44062	13.302	ug/l	90
10) 1,1-Dichloroethene	2.36	96	45751	14.004	ug/l	87
11) Methyl Iodide	2.49	142	43947	10.075	ug/l	97
12) Methyl Acetate	2.75	43	63488	15.406	ug/l	97
13) Acrolein	2.27	56	53093	81.649	ug/l	99
14) Acrylonitrile	3.12	53	144652	74.112	ug/l	98
15) Acetone	2.42	58	39194	77.596	ug/l	93
16) Carbon Disulfide	2.55	76	123592	12.034	ug/l	98
17) Allyl chloride	2.71	41	82263	13.451	ug/l	96
18) Methylene Chloride	2.84	84	55634	14.138	ug/l	91
19) trans-1,2-Dichloroethene	3.14	96	52066	14.066	ug/l	94
20) Diisopropyl ether	3.82	45	170701	13.966	ug/l	96
21) 1,1-Dichloroethane	3.67	63	96731	14.353	ug/l	97
22) cis-1,2-Dichloroethene	4.56	96	58282	14.142	ug/l	93
23) tert-Butyl Alcohol	3.01	59	59435	68.744	ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	173444	14.868	ug/l	98
25) Chloroform	5.18	83	100255	14.672	ug/l	100
26) Cyclohexane	5.55	56	66237	11.267	ug/l	# 94
29) 1,1-Dichloropropene	5.77	75	65377	14.000	ug/l	98
30) 2-Butanone	4.64	43	200204	82.250	ug/l	99
31) 2,2-Dichloropropane	4.55	77	73665	13.755	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	89697	15.874	ug/l	97
33) Carbon Tetrachloride	5.76	117	78397	15.645	ug/l	97
34) Benzene	6.12	78	207636	15.270	ug/l	98
35) Methacrylonitrile	5.00	41	43580	16.223	ug/l	93
36) 1,2-Dichloroethane	6.17	62	82564	15.854	ug/l	100
37) Trichloroethene	7.19	130	60239	16.236	ug/l	89
38) Methylcyclohexane	7.44	83	65288	12.277	ug/l	99
39) 1,2-Dichloropropane	7.49	63	55125	15.561	ug/l	98
40) Dibromomethane	7.64	93	39232	16.069	ug/l	89

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	81178	16.057	ug/l	94
42) Vinyl Acetate	3.79	43	745569	76.009	ug/l	98
43) Ethyl Acetate	4.79	43	81371	16.139	ug/l	99
44) Isopropyl Acetate	6.42	43	123528	14.864	ug/l	97
45) 1,4-Dioxane	7.71	88	23668	282.295	ug/l	96
46) Methyl methacrylate	7.74	41	60249	15.666	ug/l	94
47) n-amyl Acetate	10.88	43	103295	14.062	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	82087	14.685	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	89658	15.262	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	56948	16.713	ug/l	97
51) Ethyl methacrylate	9.16	69	80873	15.466	ug/l	97
52) 1,3-Dichloropropane	9.35	76	95659	16.352	ug/l	100
53) Dibromochloromethane	9.57	129	67963	17.354	ug/l	98
54) 1,2-Dibromoethane	9.65	107	62213	17.207	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	229675	83.464	ug/l	97
56) Bromoform	10.84	173	53133	19.112	ug/l #	97
58) 4-Methyl-2-Pentanone	8.62	43	399361	80.461	ug/l	97
59) 2-Hexanone	9.47	43	294429	79.484	ug/l	97
61) Tetrachloroethene	9.32	164	57770	16.811	ug/l	93
62) Toluene	8.76	91	219333	14.882	ug/l	99
64) Chlorobenzene	10.12	112	146428	15.859	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	59219	17.037	ug/l	98
66) Ethyl Benzene	10.24	91	237418	14.527	ug/l	99
67) m/p-Xylenes	10.34	106	185082	30.020	ug/l	97
68) o-Xylene	10.68	106	87450	14.766	ug/l	100
69) Styrene	10.70	104	155216	15.307	ug/l	97
70) Isopropylbenzene	11.00	105	234672	14.609	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	82722	16.768	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	102801	21.700	ug/l	88
73) Bromobenzene	11.24	156	68121	16.804	ug/l	95
74) n-propylbenzene	11.34	91	263038	13.792	ug/l	98
75) 2-Chlorotoluene	11.40	91	167809	15.088	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	200342	14.859	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	28306	14.743	ug/l	97
78) 4-Chlorotoluene	11.49	91	199306	15.135	ug/l	100
79) tert-butylbenzene	11.76	119	193169	14.955	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	203396	15.026	ug/l	99
81) sec-Butylbenzene	11.93	105	212395	13.582	ug/l	100
82) p-Isopropyltoluene	12.05	119	200834	14.223	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	117137	16.124	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	120909	16.564	ug/l	99
85) n-Butylbenzene	12.37	91	164232	12.566	ug/l	99
86) Hexachloroethane	12.58	117	39330	14.233	ug/l	87
87) 1,2-Dichlorobenzene	12.38	146	116774	17.173	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	19355	17.245	ug/l	89
89) 1,2,4-Trichlorobenzene	13.63	180	73552	16.033	ug/l	99
90) Hexachlorobutadiene	13.76	225	25898	14.840	ug/l	99
91) Naphthalene	13.82	128	243563	16.197	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	74378	16.613	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070820\
Quantitation Report (Not Reviewed)

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MSVOA_X
ClientSampleId :
VSTDCCC020

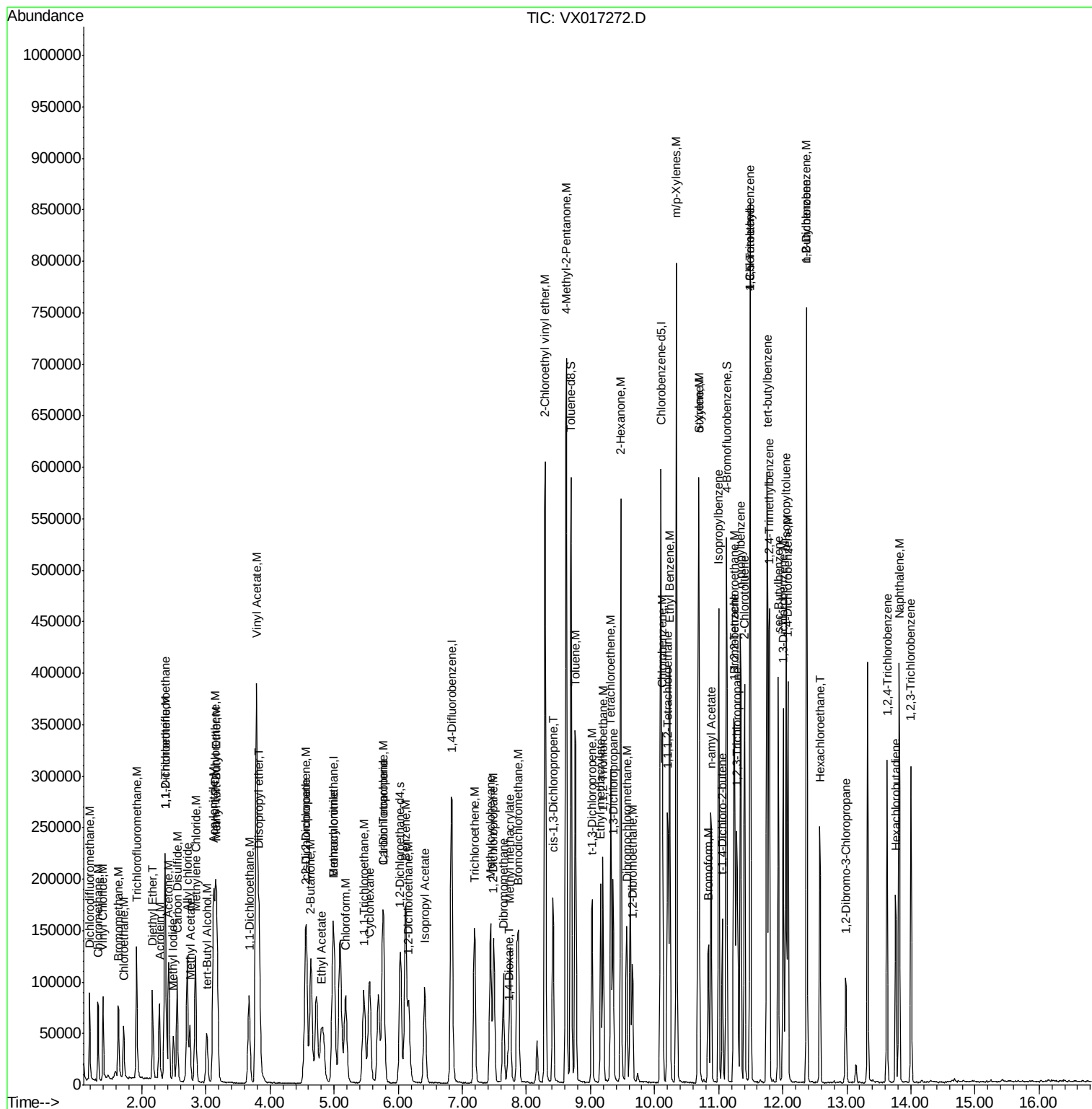
Quant Time: Jul 09 04:54:12 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
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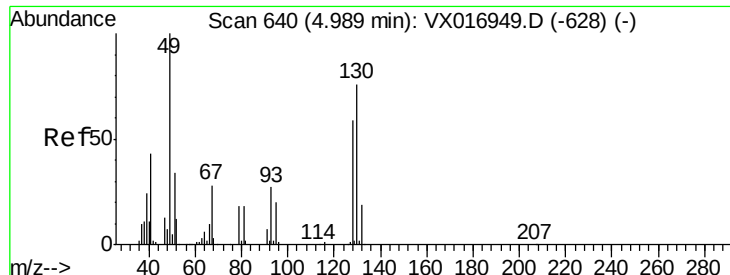
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Quant Time: Jul 09 04:54:12 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

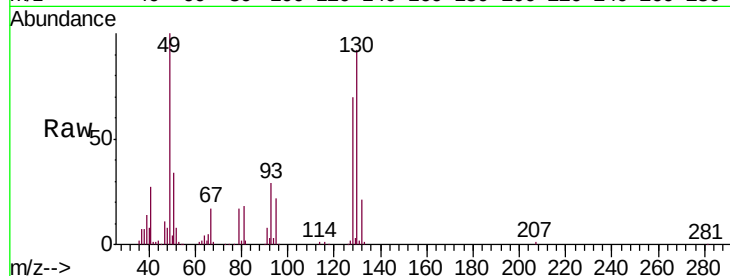
Tgt Ion:128 Resp: 57068

Ion Ratio Lower Upper

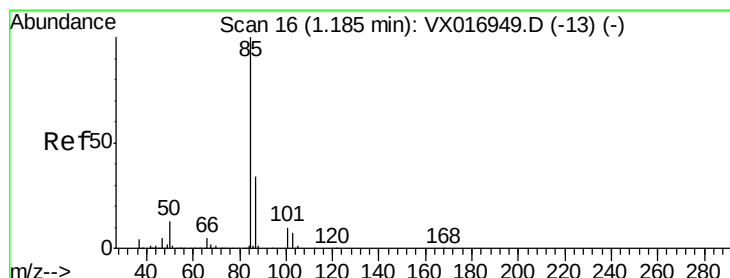
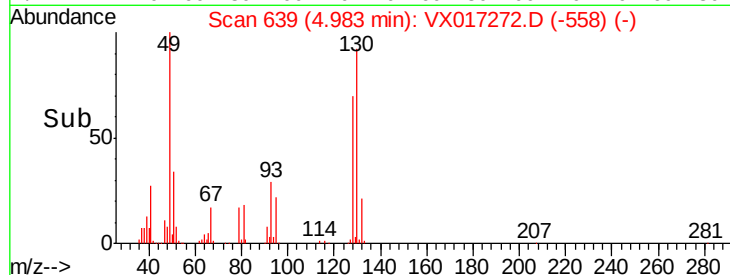
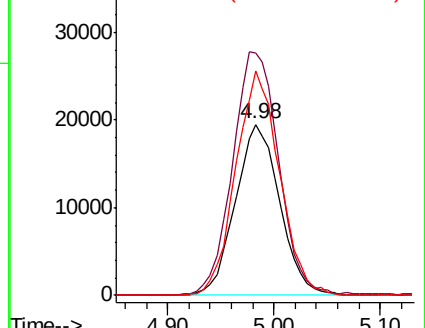
128 100

49 148.1 0.0 428.0

130 129.4 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 14.819 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017272.D

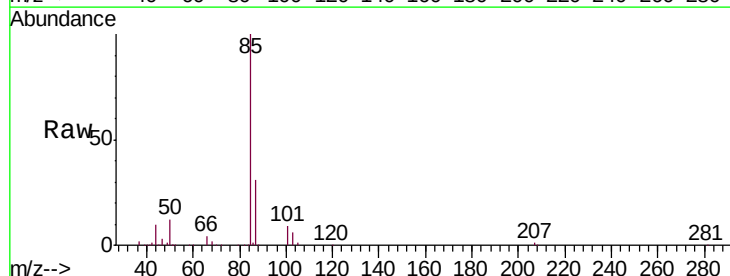
Acq: 08 Jul 2020 21:53

Tgt Ion: 85 Resp: 41124

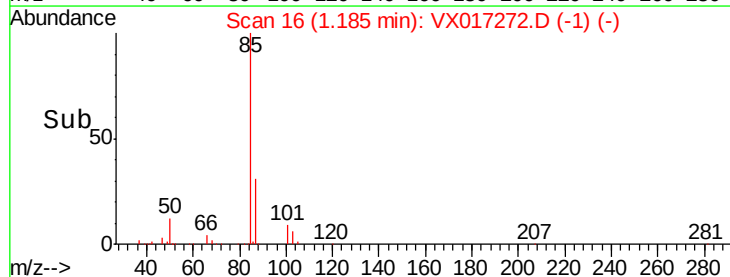
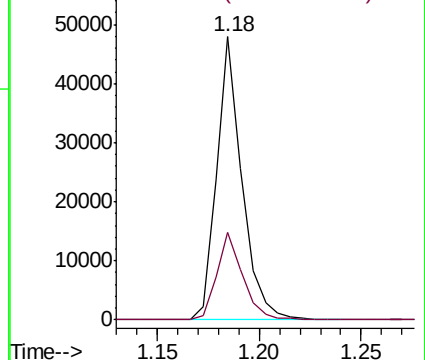
Ion Ratio Lower Upper

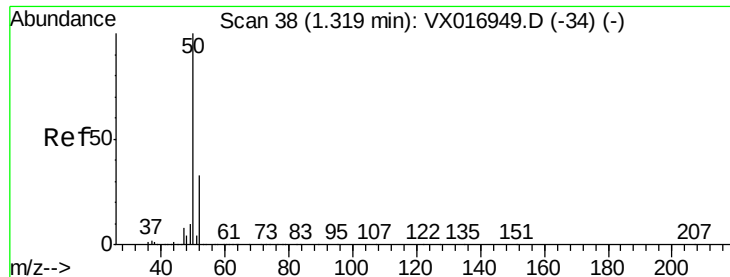
85 100

87 31.1 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 12.370 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

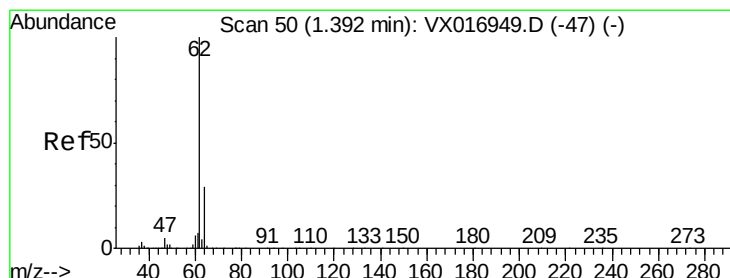
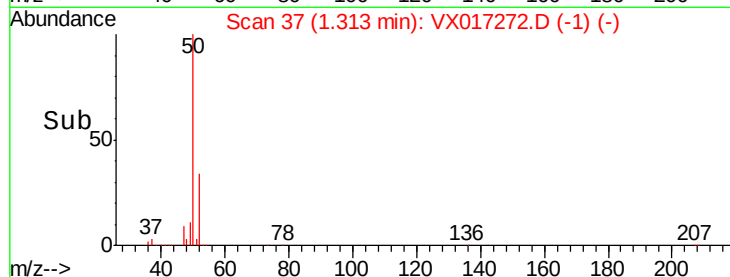
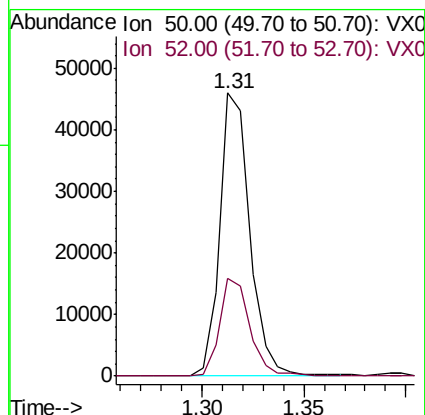
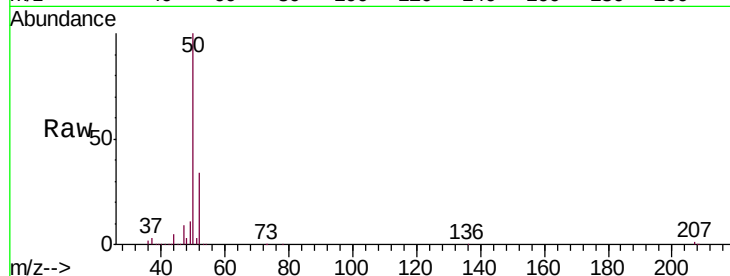
VSTDCCC020

Tgt Ion: 50 Resp: 46552

Ion Ratio Lower Upper

50 100

52 34.3 26.5 39.7



#4

Vinyl Chloride

Concen: 12.437 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017272.D

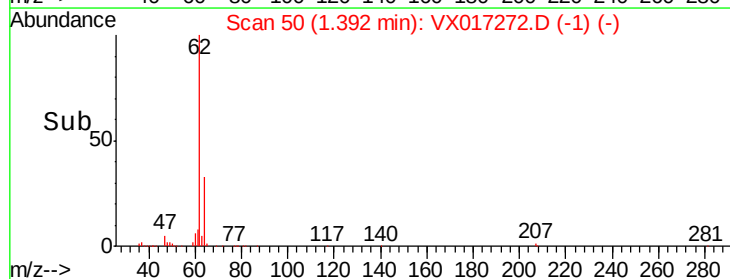
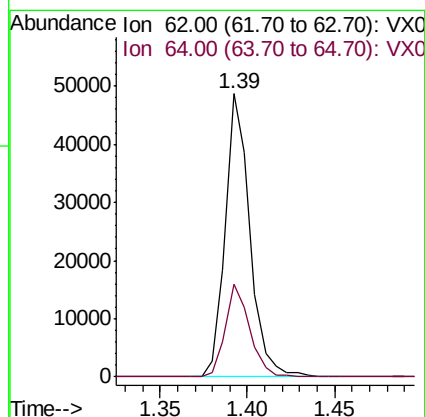
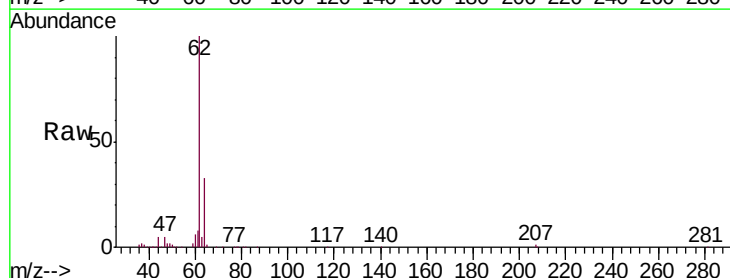
Acq: 08 Jul 2020 21:53

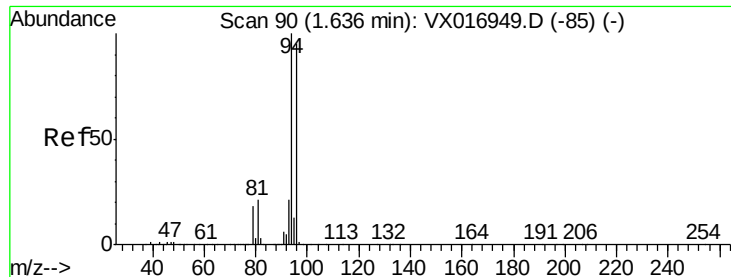
Tgt Ion: 62 Resp: 47729

Ion Ratio Lower Upper

62 100

64 32.7 23.4 35.0





#5

Bromomethane

Concen: 12.081 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

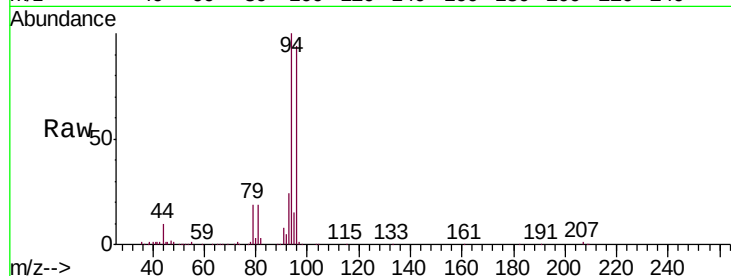
VSTDCCC020

Tgt Ion: 94 Resp: 33382

Ion Ratio Lower Upper

94 100

96 93.9 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

25000

20000

15000

10000

5000

0

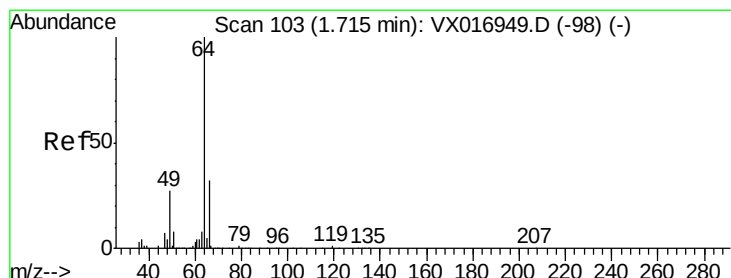
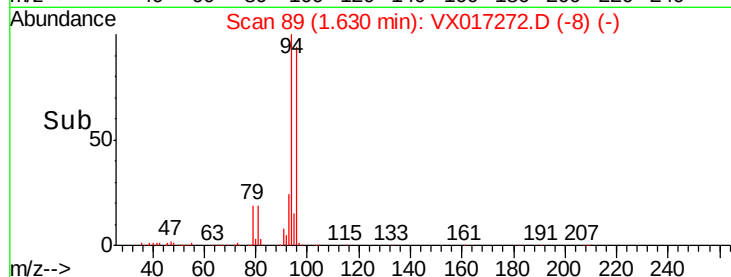
1.60

1.63

1.65

1.70

Time-->



#6

Chloroethane

Concen: 12.560 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017272.D

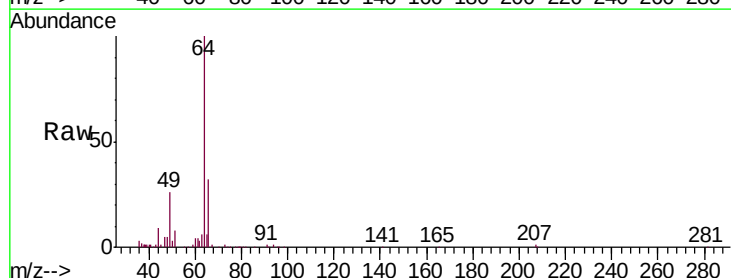
Acq: 08 Jul 2020 21:53

Tgt Ion: 64 Resp: 31089

Ion Ratio Lower Upper

64 100

66 31.9 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

25000

20000

15000

10000

5000

0

1.65

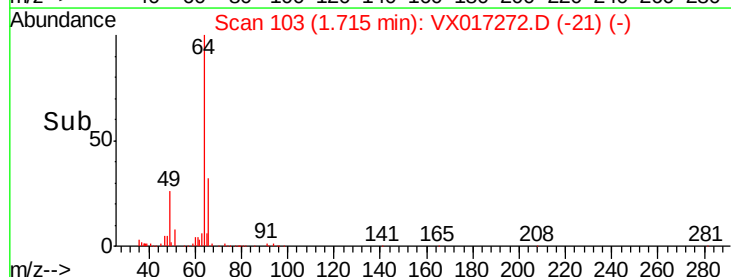
1.70

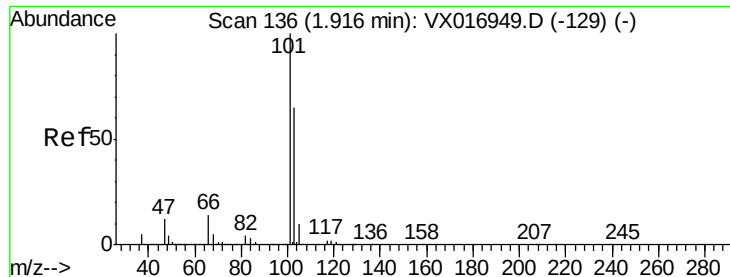
1.72

1.75

1.80

Time-->



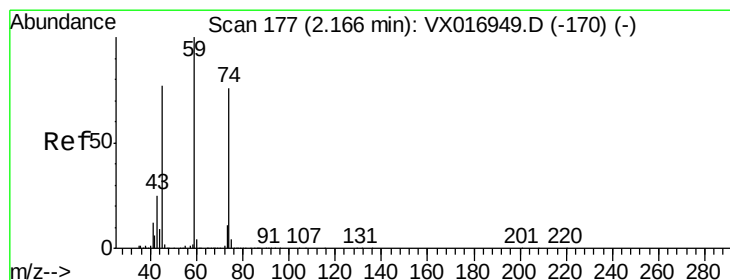
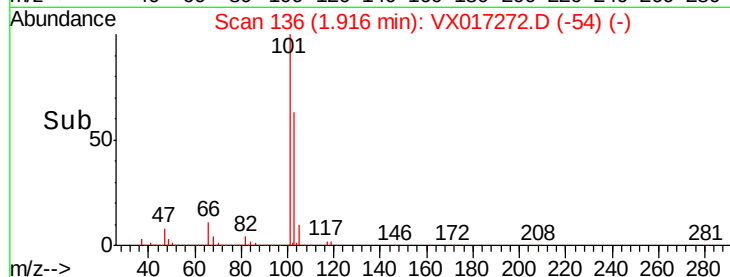
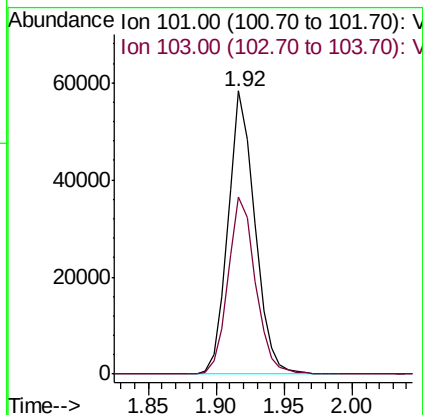
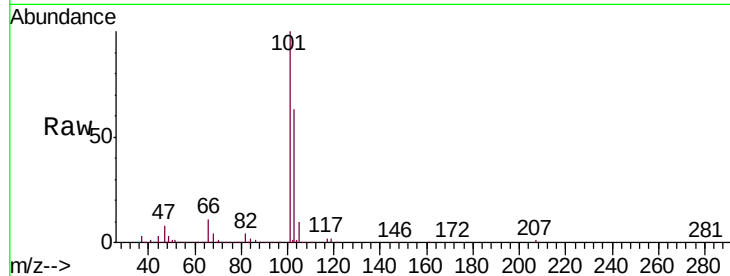


#7

Trichlorofluoromethane
 Concen: 12.825 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017272.D
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 VSTDCCC020

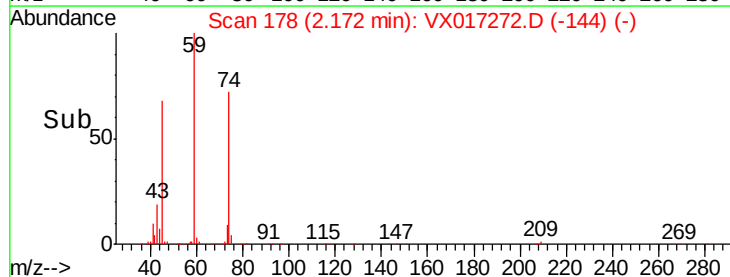
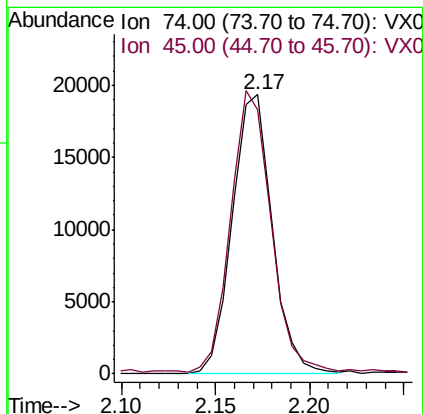
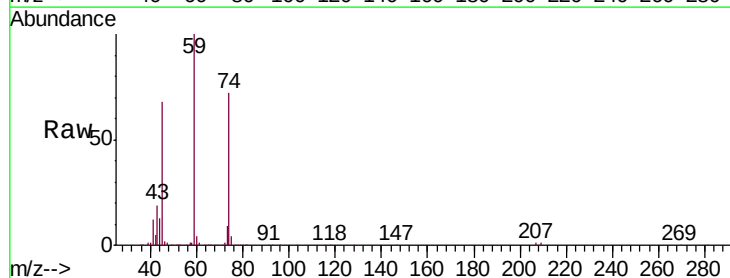
Tgt Ion:101 Resp: 80044
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.1 78.1

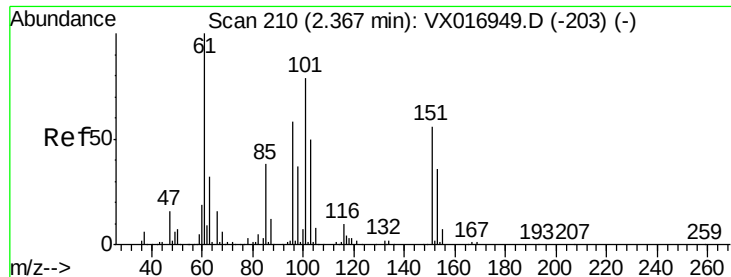


#8

Diethyl Ether
 Concen: 12.531 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion: 74 Resp: 28457
 Ion Ratio Lower Upper
 74 100
 45 100.7 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.302 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

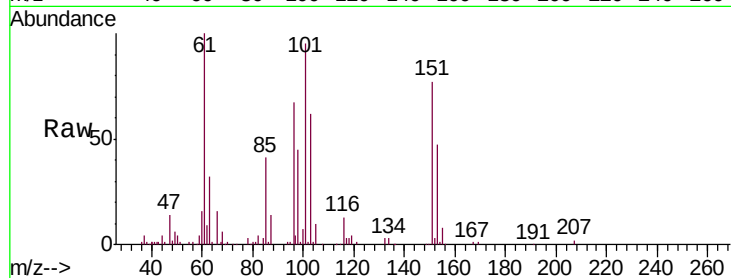
Tgt Ion: 101 Resp: 44062

Ion Ratio Lower Upper

101 100

85 41.7 0.0 94.6

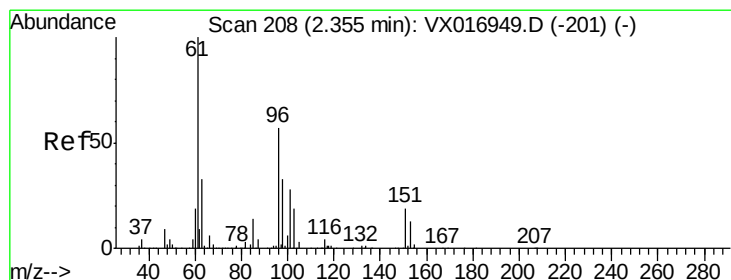
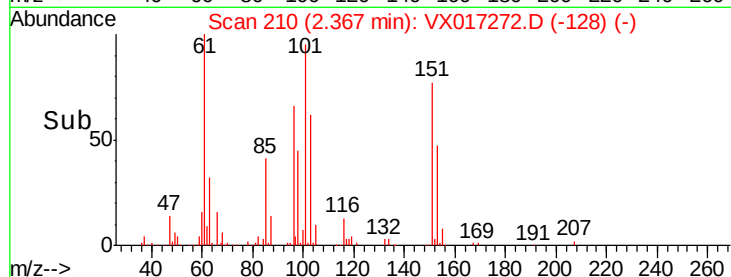
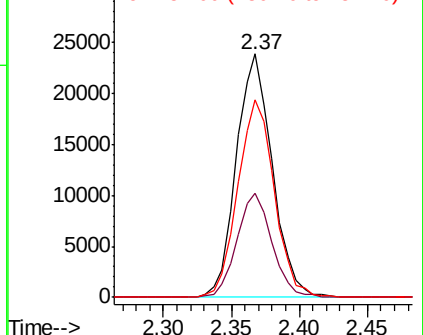
151 82.6 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 14.004 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

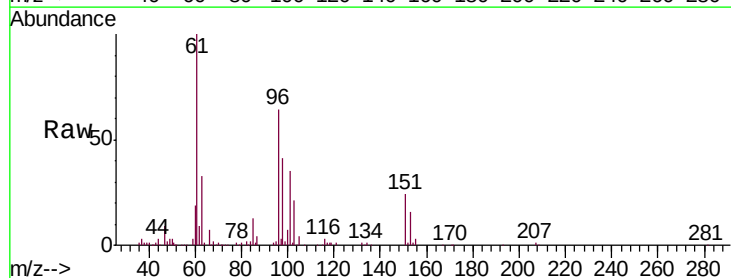
Tgt Ion: 96 Resp: 45751

Ion Ratio Lower Upper

96 100

61 155.2 141.3 211.9

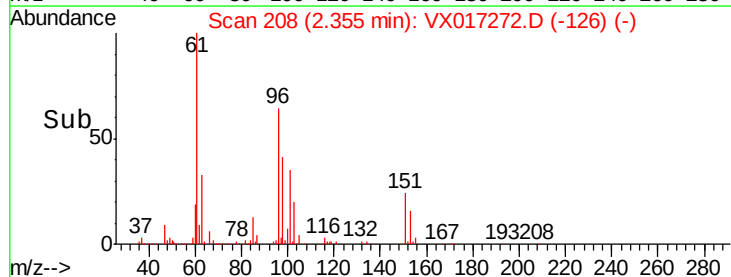
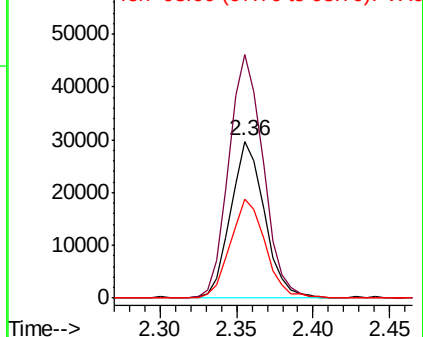
98 63.1 47.0 70.4

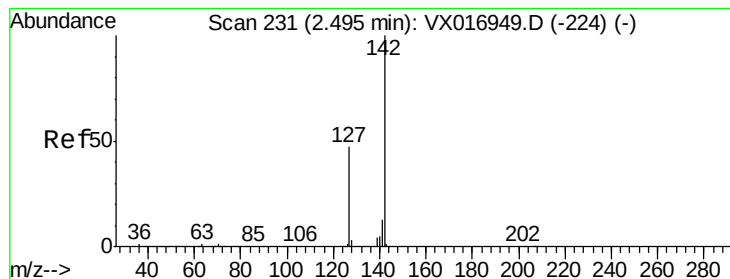


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

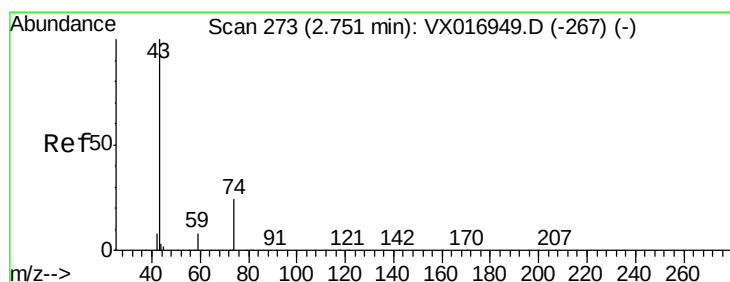
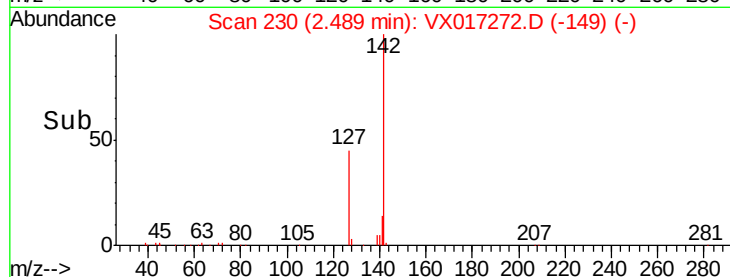
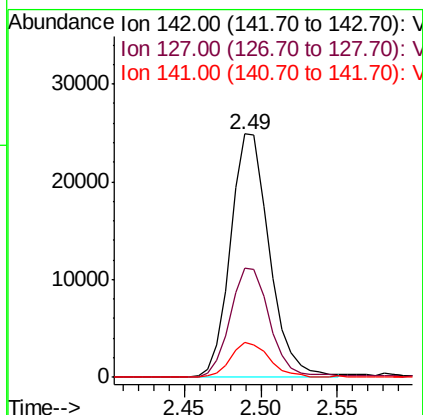
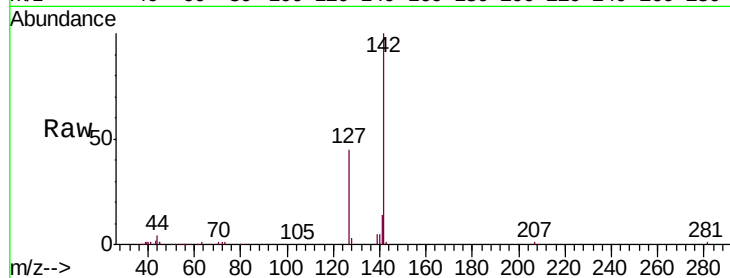




#11
Methyl Iodide
Concen: 10.075 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

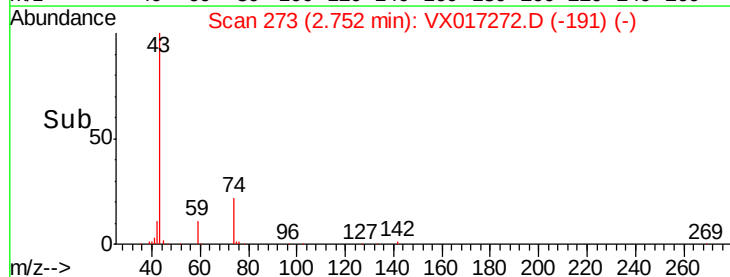
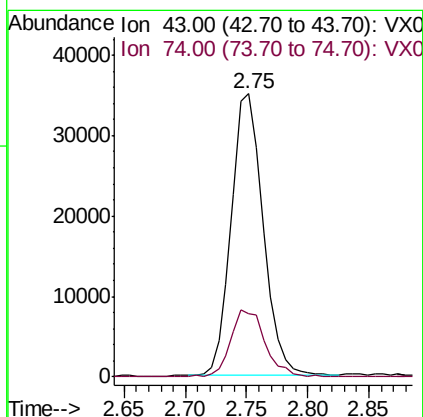
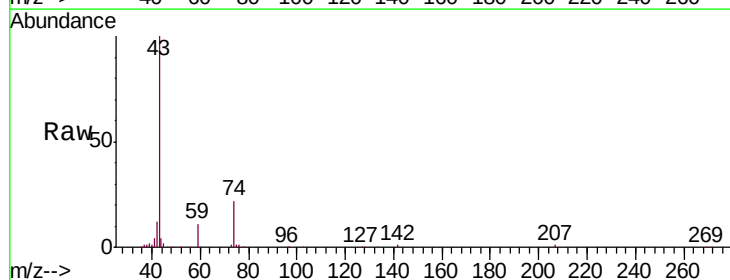
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

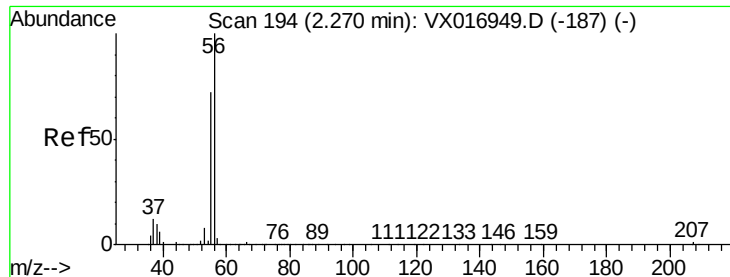
Tgt Ion: 142 Resp: 43947
Ion Ratio Lower Upper
142 100
127 44.7 23.3 69.9
141 14.2 6.7 20.1



#12
Methyl Acetate
Concen: 15.406 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion: 43 Resp: 63488
Ion Ratio Lower Upper
43 100
74 22.4 19.1 28.7





#13

Acrolein

Concen: 81.649 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

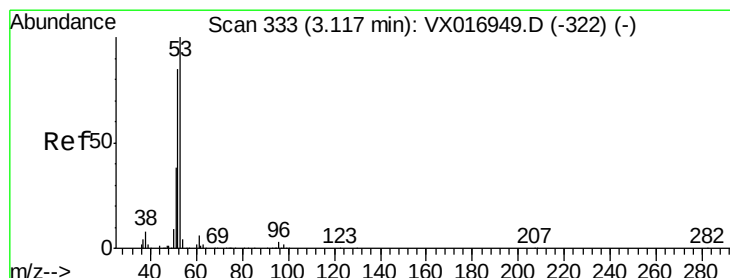
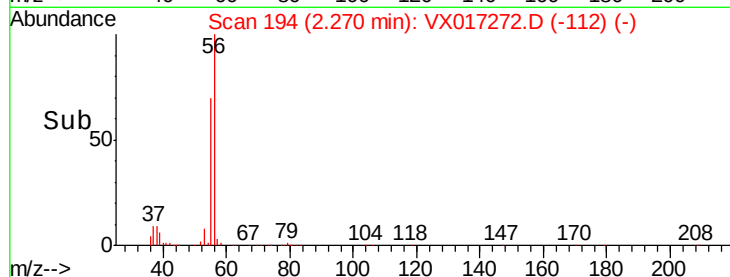
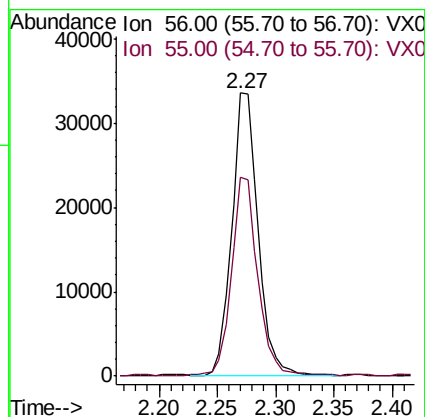
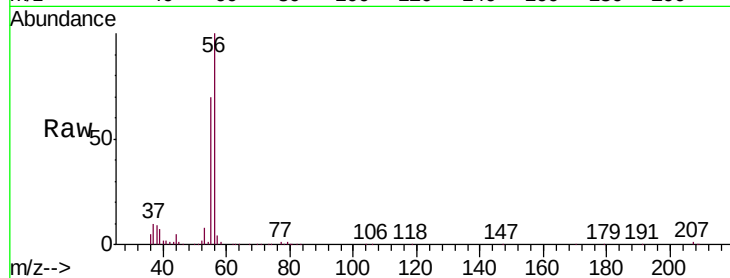
VSTDCCC020

Tgt Ion: 56 Resp: 53093

Ion Ratio Lower Upper

56 100

55 69.7 56.2 84.4



#14

Acrylonitrile

Concen: 74.112 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

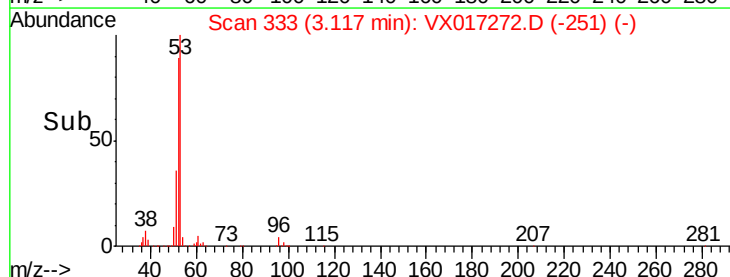
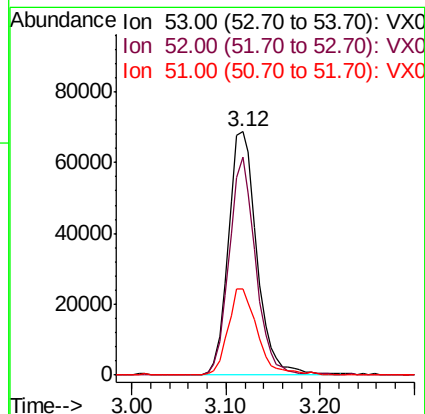
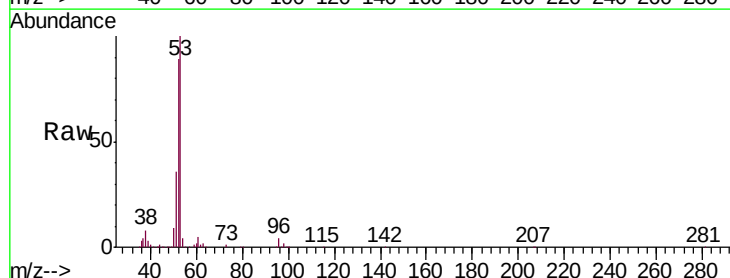
Tgt Ion: 53 Resp: 144652

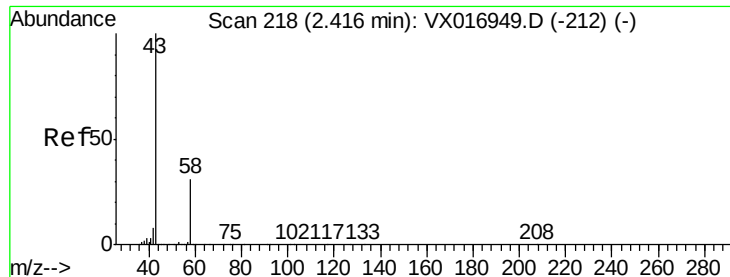
Ion Ratio Lower Upper

53 100

52 82.8 40.6 121.8

51 36.1 18.4 55.4





#15

Acetone

Concen: 77.596 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

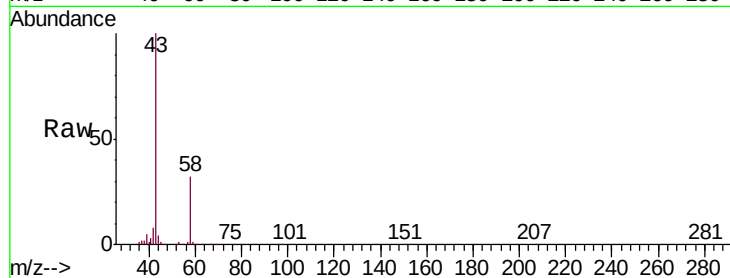
VSTDCCC020

Tgt Ion: 58 Resp: 39194

Ion Ratio Lower Upper

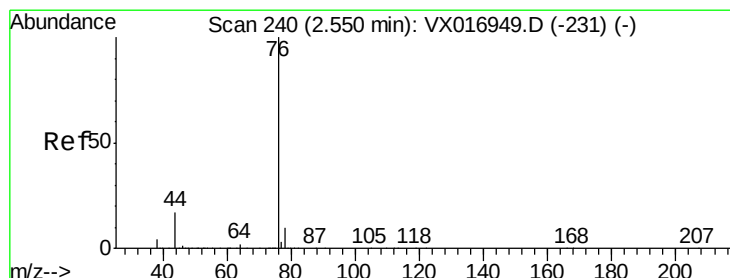
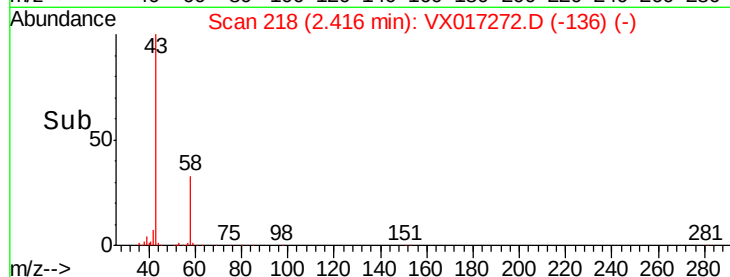
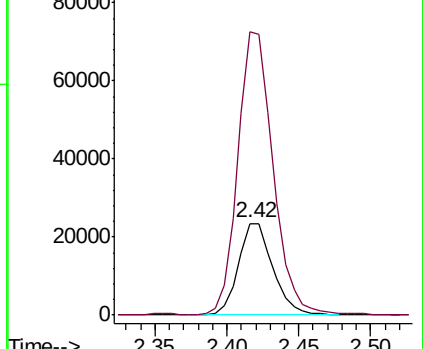
58 100

43 307.1 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 12.034 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017272.D

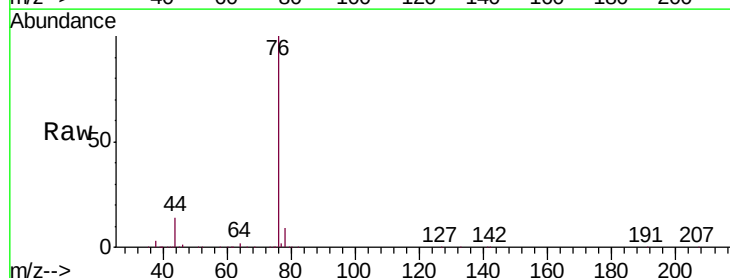
Acq: 08 Jul 2020 21:53

Tgt Ion: 76 Resp: 123592

Ion Ratio Lower Upper

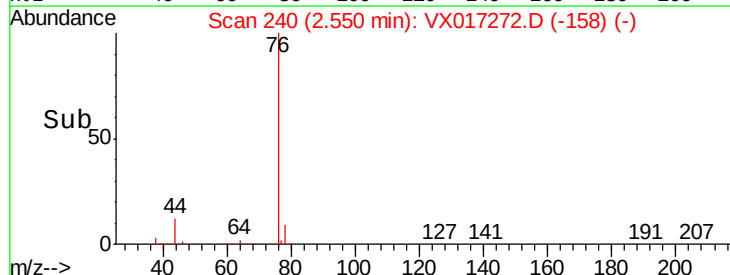
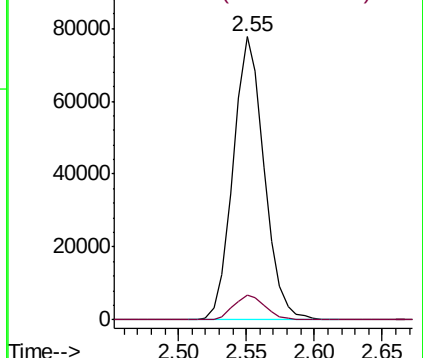
76 100

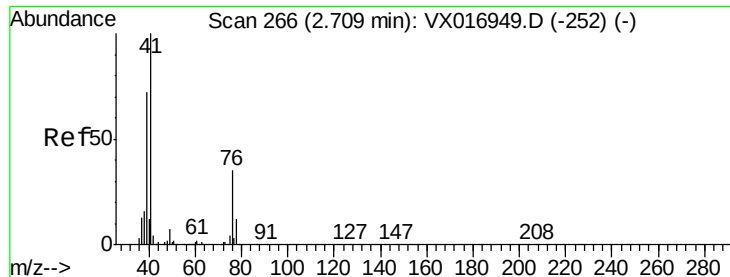
78 8.9 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

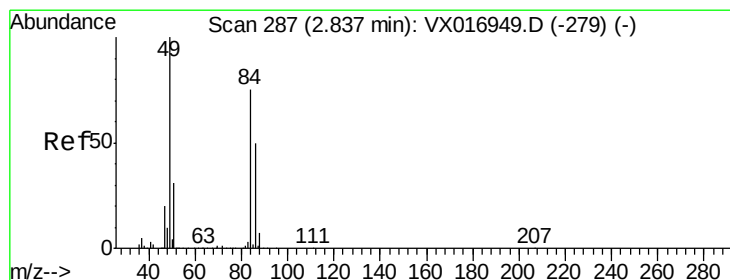
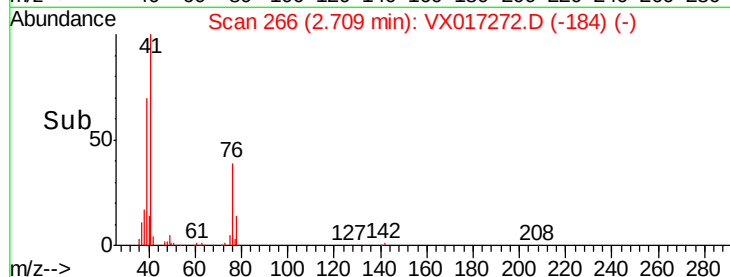
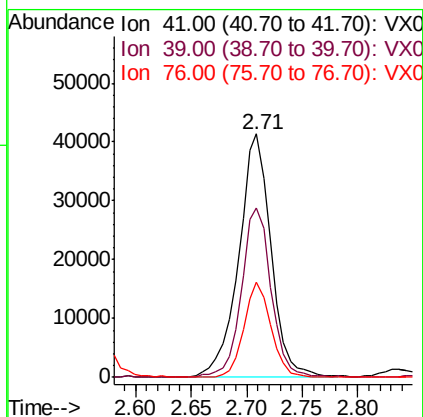
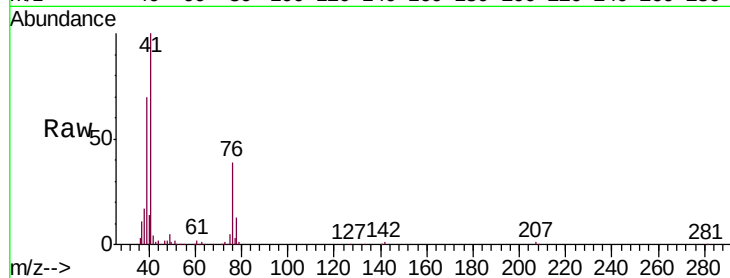




#17
 Allyl chloride
 Concen: 13.451 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

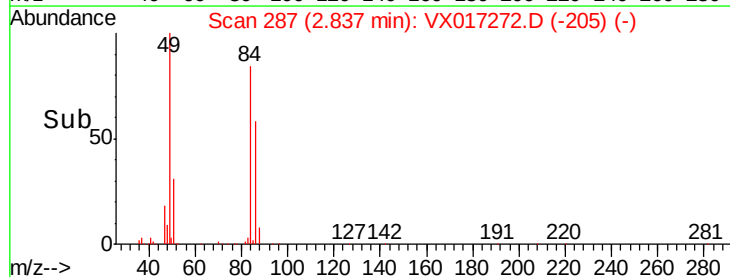
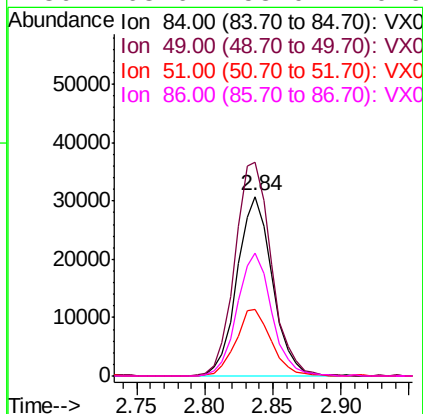
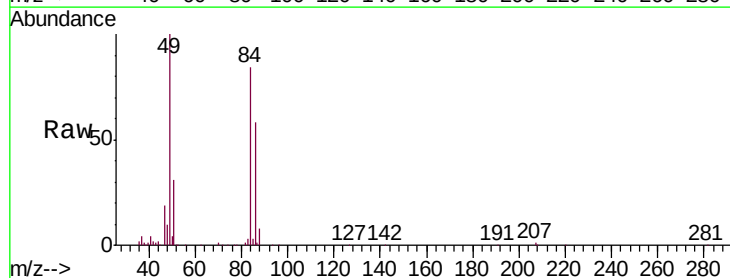
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

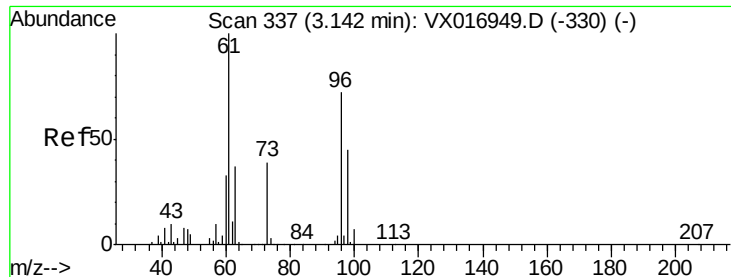
Tgt Ion: 41 Resp: 82263
 Ion Ratio Lower Upper
 41 100
 39 69.7 35.9 107.8
 76 39.1 17.6 52.8



#18
 Methylene Chloride
 Concen: 14.138 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion: 84 Resp: 55634
 Ion Ratio Lower Upper
 84 100
 49 118.8 106.6 159.8
 51 36.9 32.7 49.1
 86 68.6 53.0 79.6





#19

trans-1,2-Dichloroethene

Concen: 14.066 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

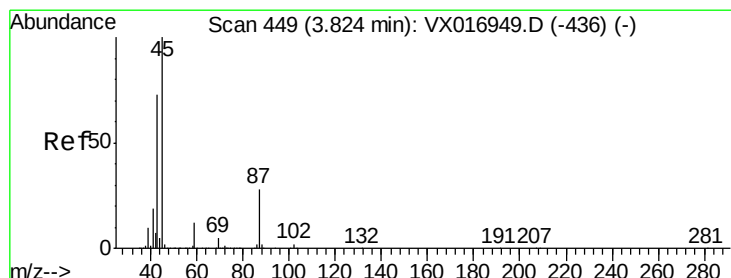
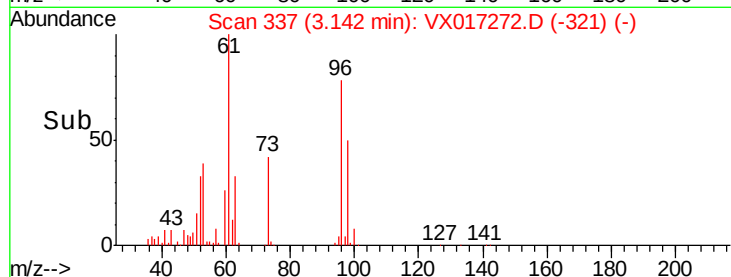
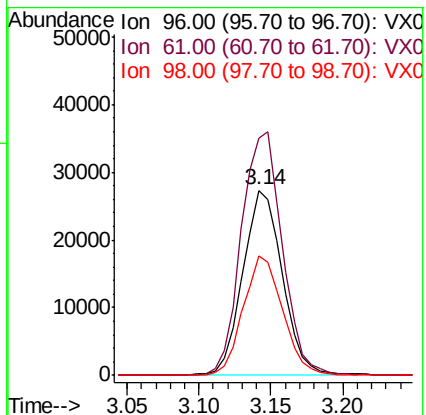
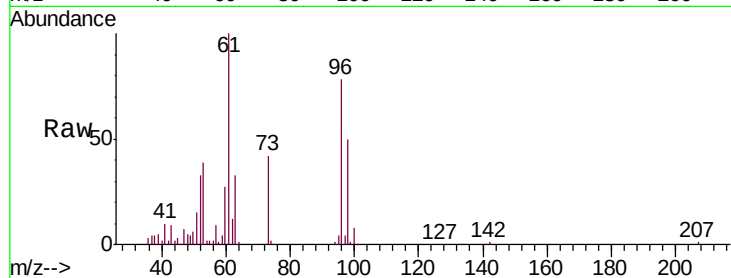
Tgt Ion: 96 Resp: 52066

Ion Ratio Lower Upper

96 100

61 128.6 110.6 165.8

98 64.4 49.8 74.6



#20

Diisopropyl ether

Concen: 13.966 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Tgt Ion: 45 Resp: 170701

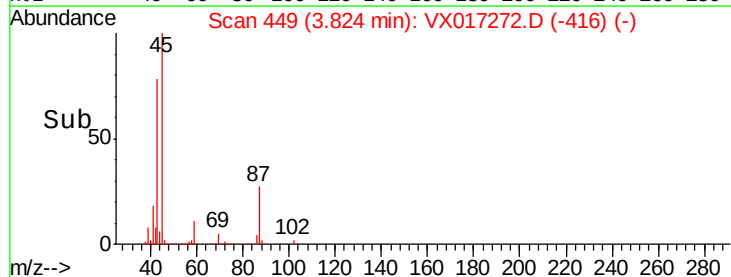
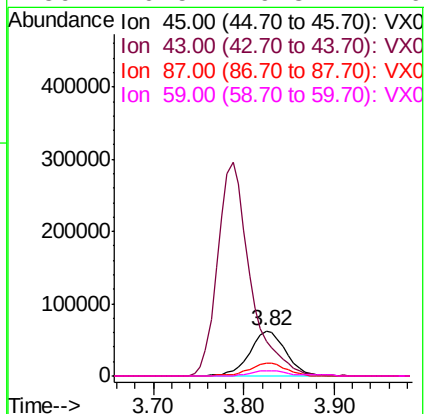
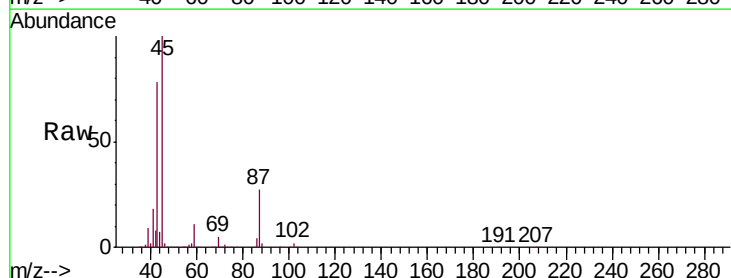
Ion Ratio Lower Upper

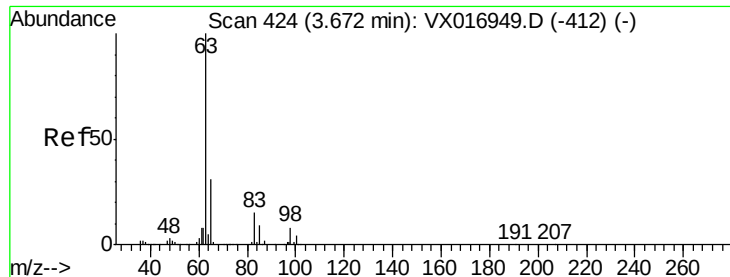
45 100

43 76.2 63.9 95.9

87 27.2 22.2 33.4

59 10.5 9.8 14.6





#21

1,1-Dichloroethane

Concen: 14.353 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

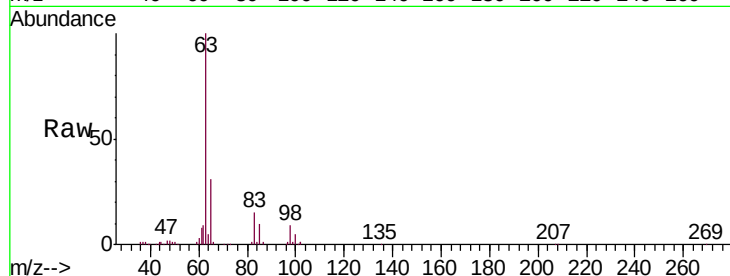
Tgt Ion: 63 Resp: 96731

Ion Ratio Lower Upper

63 100

98 9.1 3.8 11.4

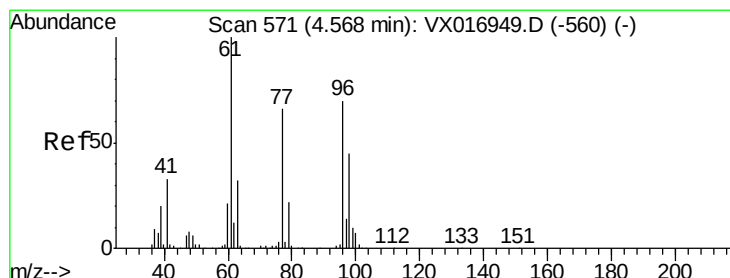
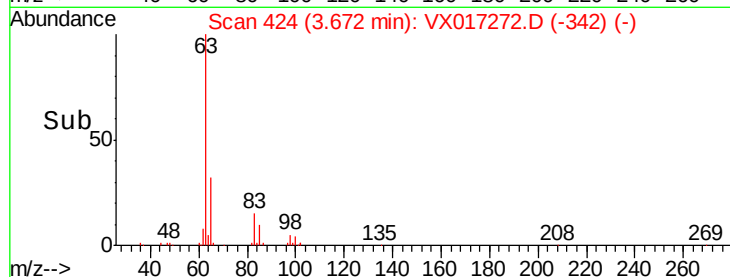
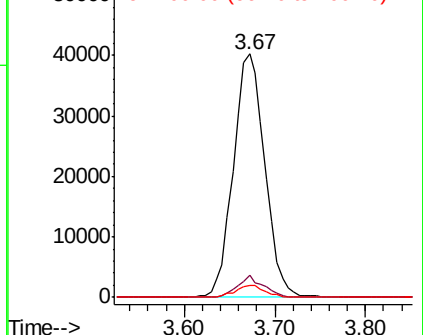
100 5.0 2.2 6.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 14.142 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

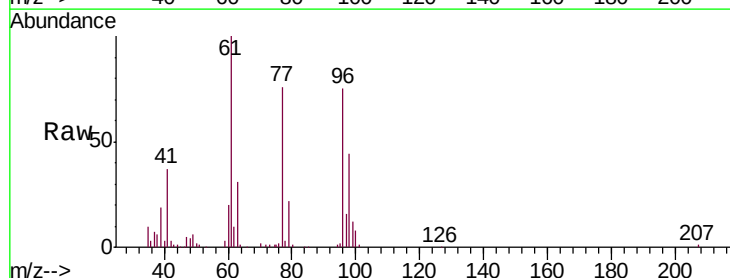
Tgt Ion: 96 Resp: 58282

Ion Ratio Lower Upper

96 100

61 139.5 120.8 181.2

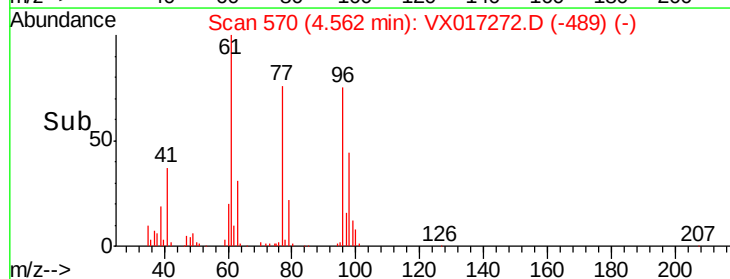
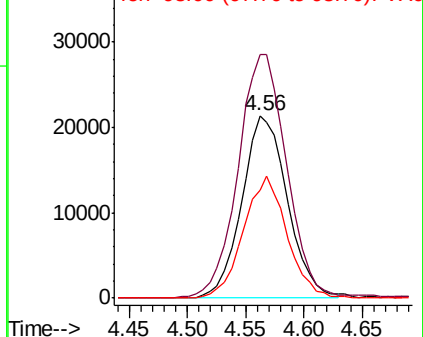
98 64.0 51.7 77.5

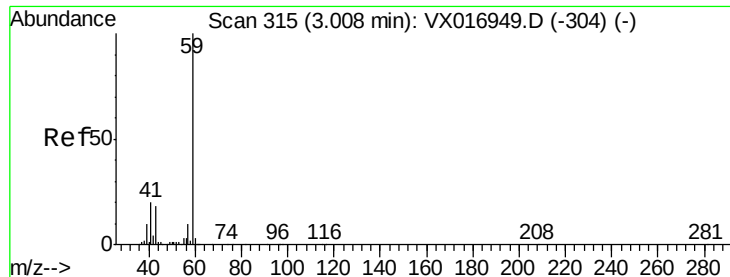


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



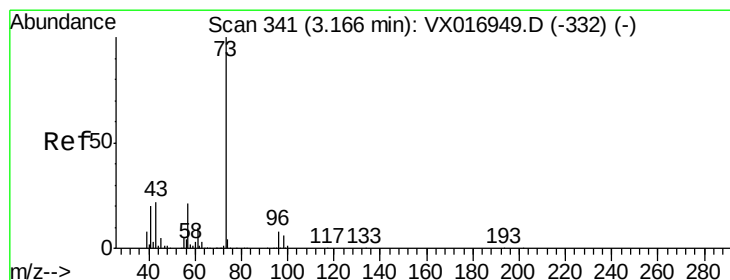
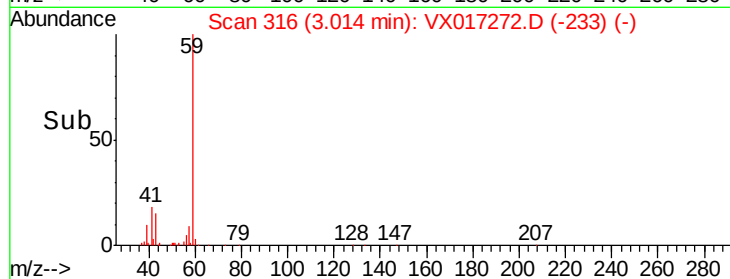
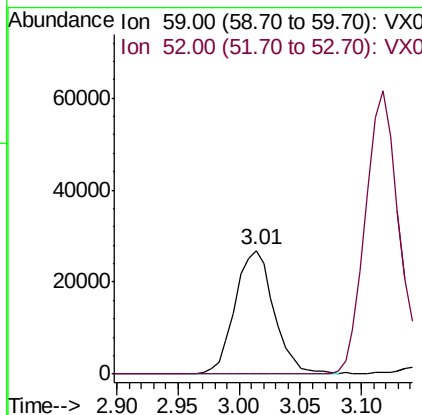
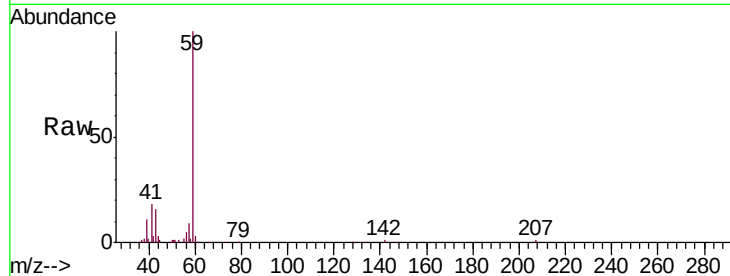


#23

tert-Butyl Alcohol
 Concen: 68.744 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

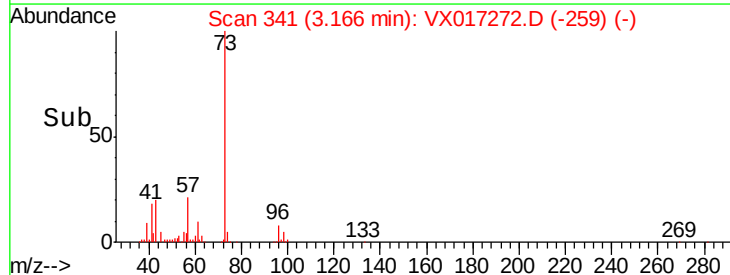
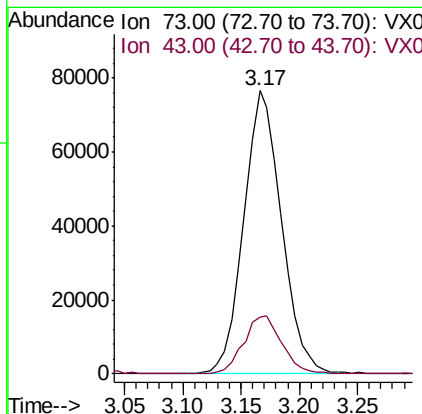
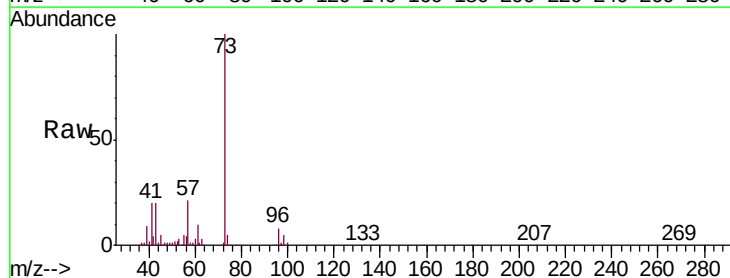
Tgt Ion: 59 Resp: 59435
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.1 0.1#

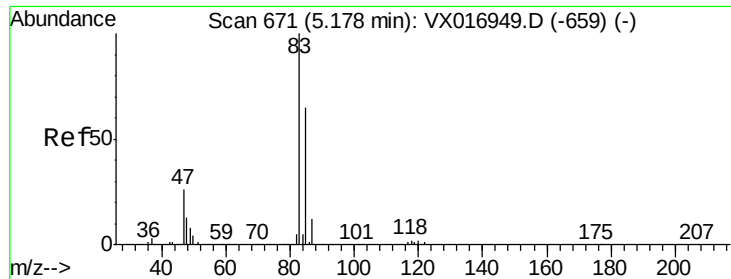


#24

Methyl tert-Butyl Ether
 Concen: 14.868 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion: 73 Resp: 173444
 Ion Ratio Lower Upper
 73 100
 43 20.4 17.2 25.8

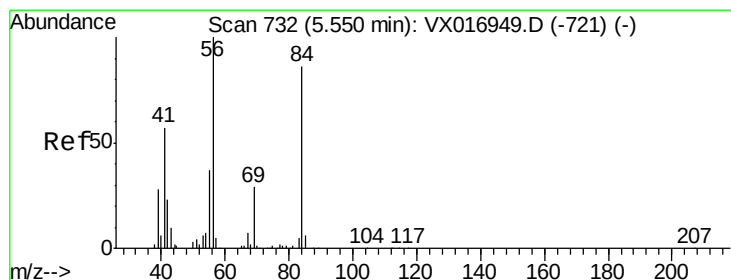
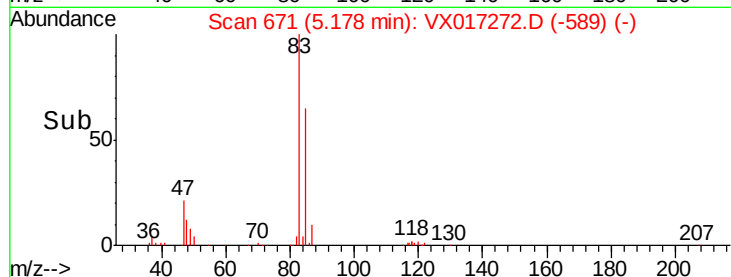
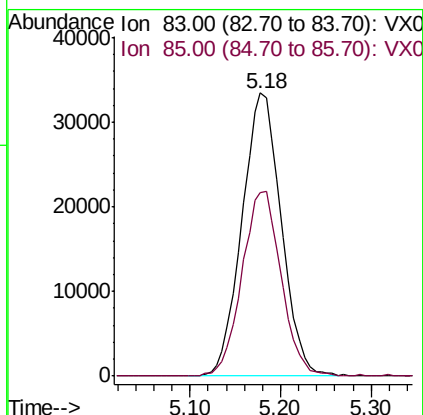
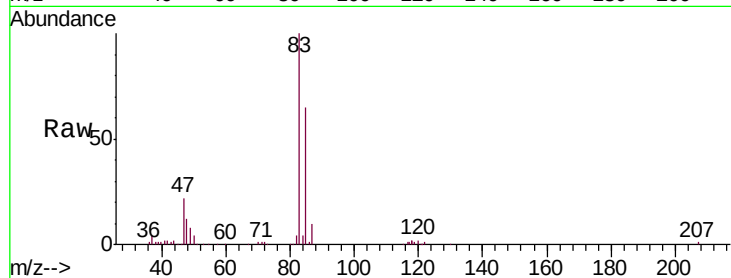




#25
Chloroform
Concen: 14.672 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

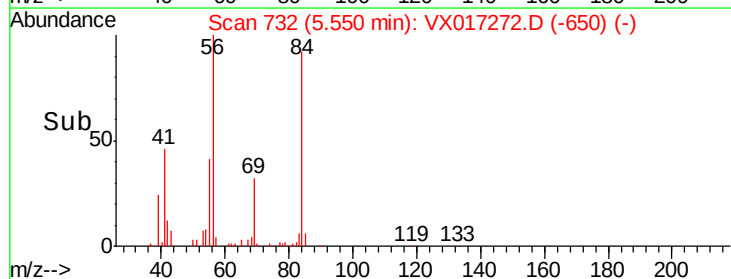
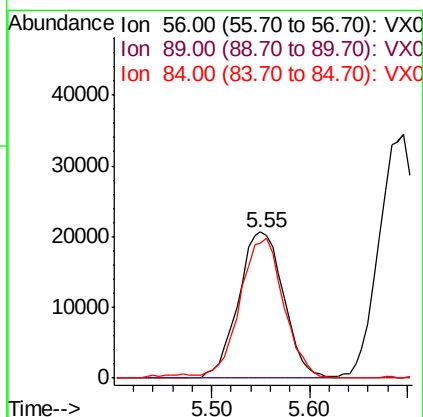
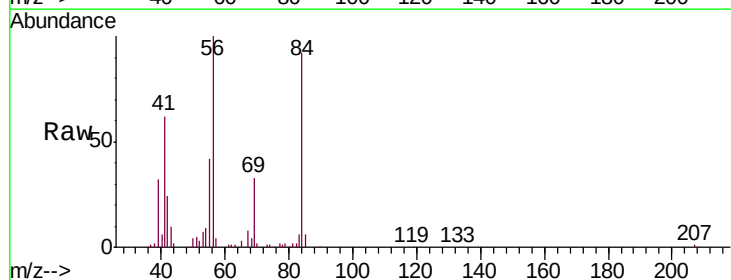
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

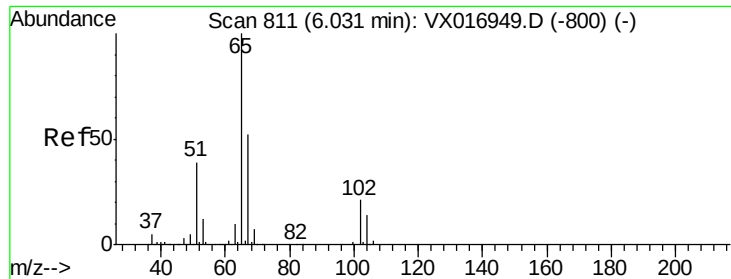
Tgt Ion: 83 Resp: 100255
Ion Ratio Lower Upper
83 100
85 65.0 52.1 78.1



#26
Cyclohexane
Concen: 11.267 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion: 56 Resp: 66237
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 92.1 69.0 103.6

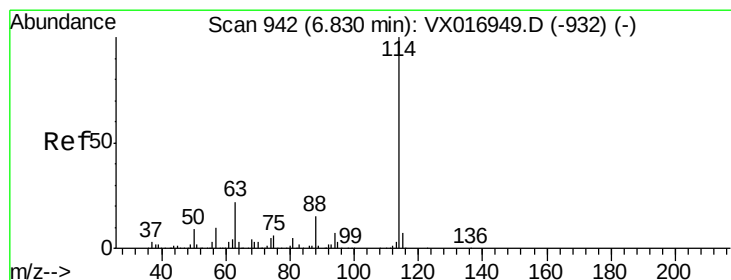
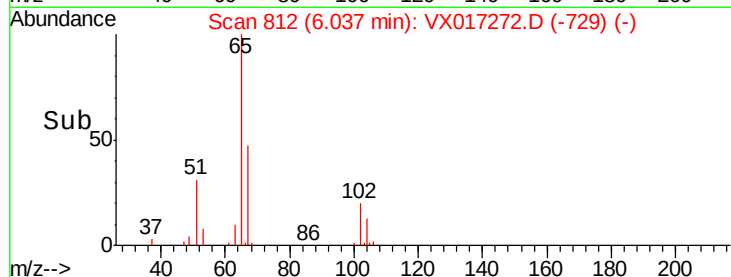
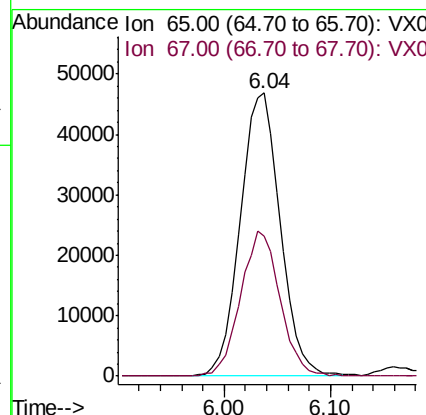
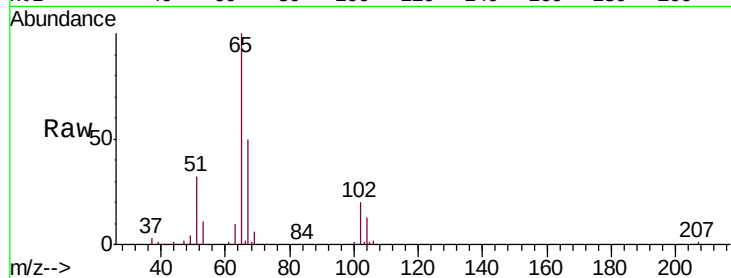




#27
 1,2-Dichloroethane-d4
 Concen: 27.794 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

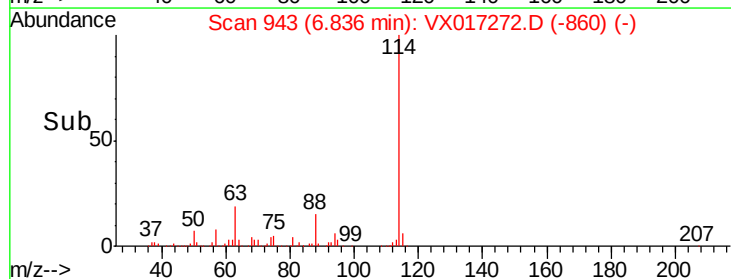
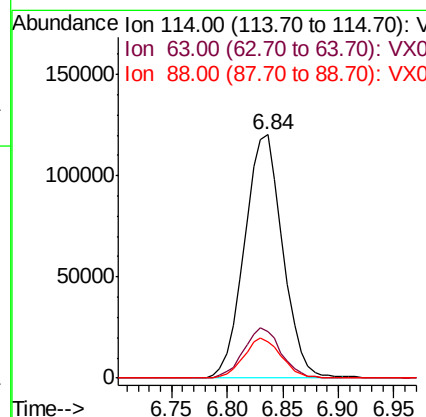
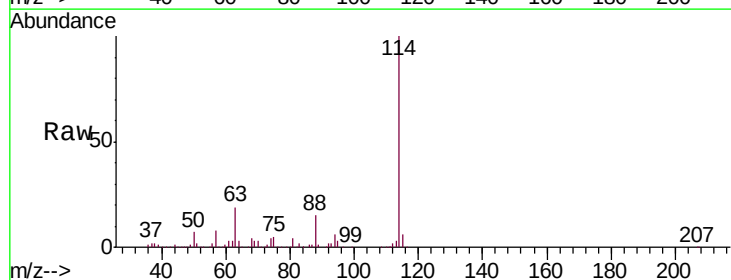
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

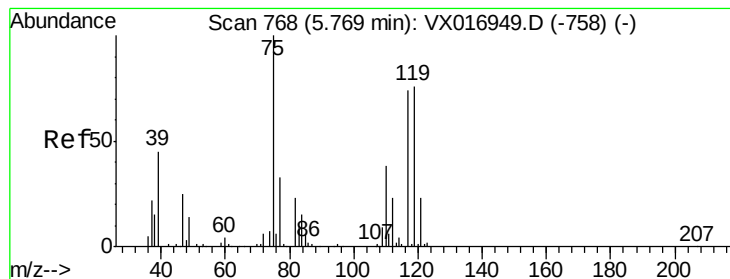
Tgt Ion: 65 Resp: 123457
 Ion Ratio Lower Upper
 65 100
 67 50.0 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion: 114 Resp: 286659
 Ion Ratio Lower Upper
 114 100
 63 20.1 17.4 26.2
 88 16.0 13.0 19.6





#29

1,1-Dichloropropene

Concen: 14.000 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

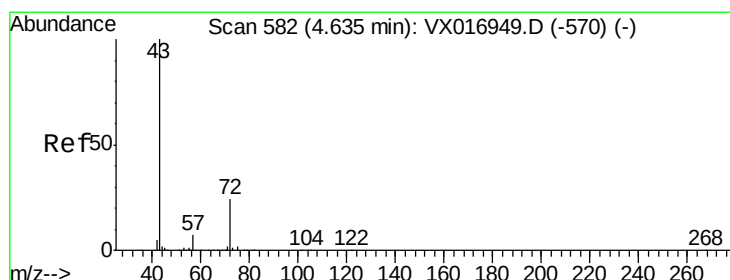
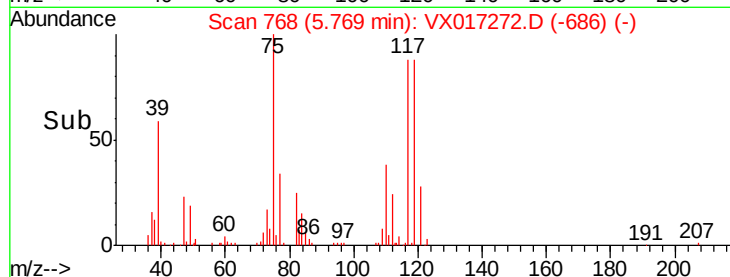
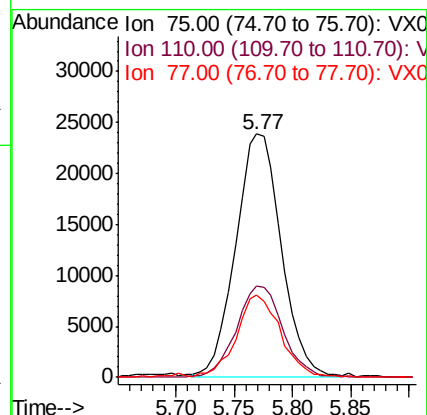
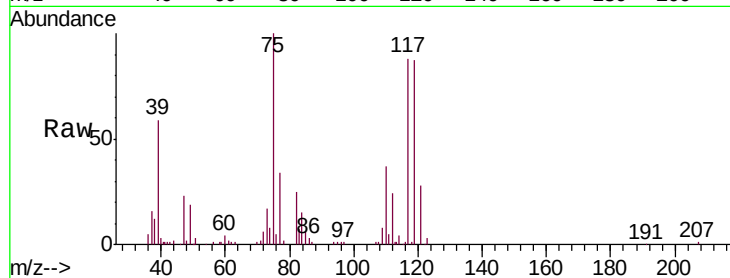
Tgt Ion: 75 Resp: 65377

Ion Ratio Lower Upper

75 100

110 37.9 0.0 71.6

77 32.5 0.0 64.0



#30

2-Butanone

Concen: 82.250 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

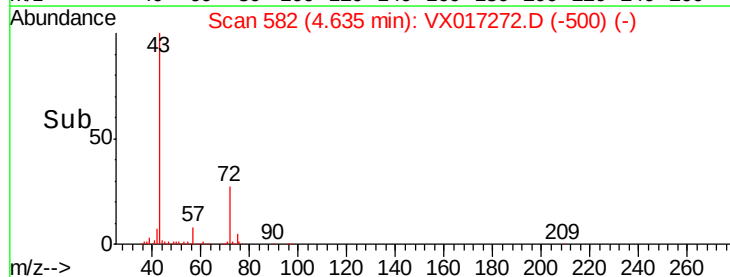
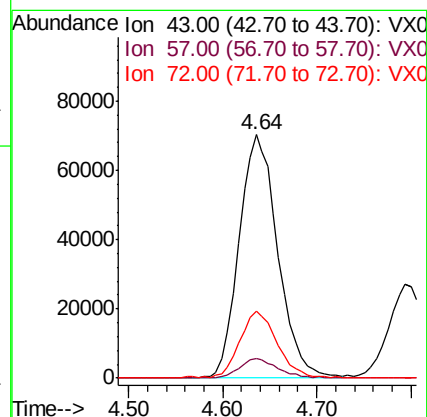
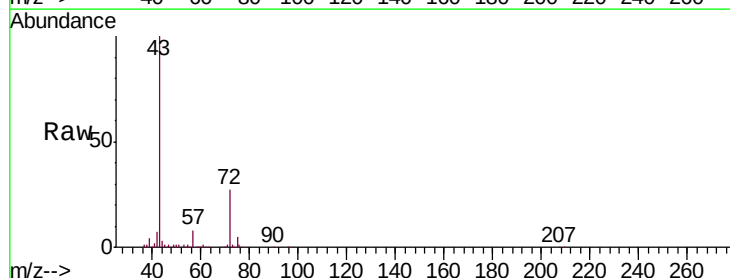
Tgt Ion: 43 Resp: 200204

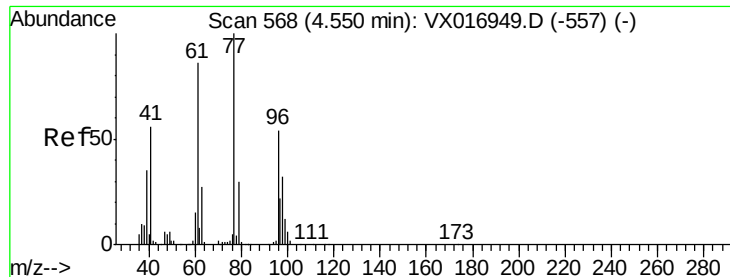
Ion Ratio Lower Upper

43 100

57 7.7 6.2 9.4

72 26.6 20.6 31.0





#31

2,2-Dichloropropane

Concen: 13.755 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

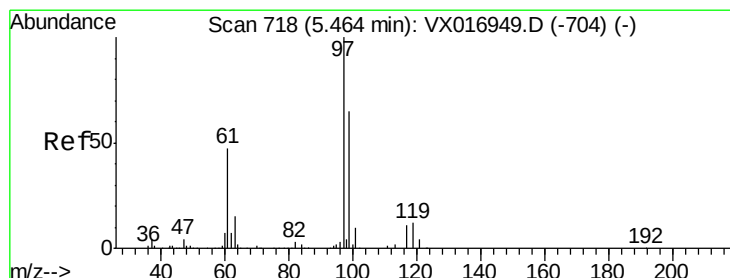
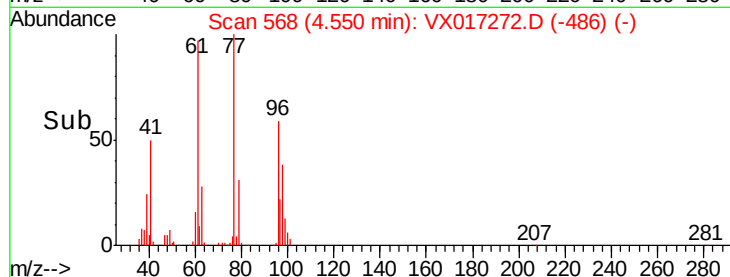
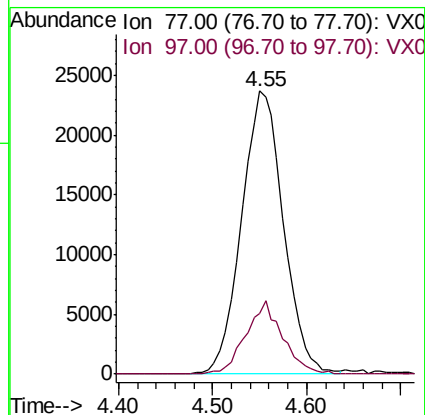
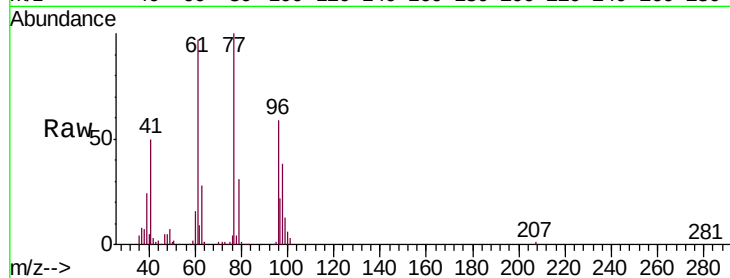
VSTDCCC020

Tgt Ion: 77 Resp: 73665

Ion Ratio Lower Upper

77 100

97 22.7 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 15.874 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

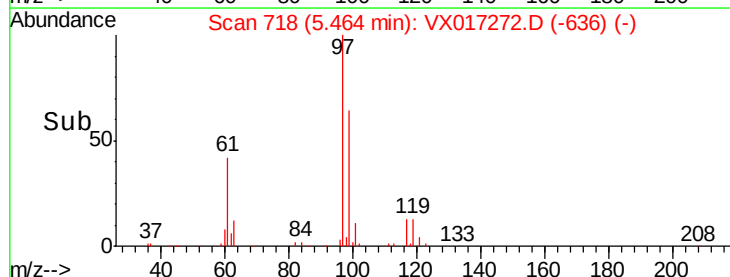
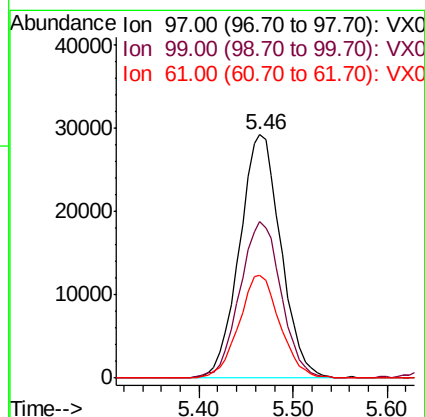
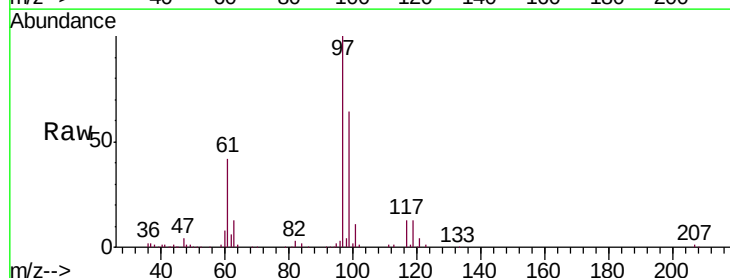
Tgt Ion: 97 Resp: 89697

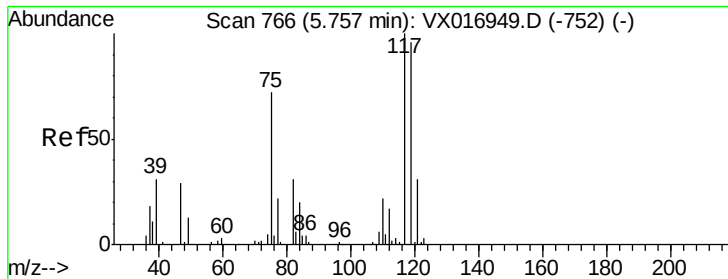
Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.2

61 41.7 36.9 55.3

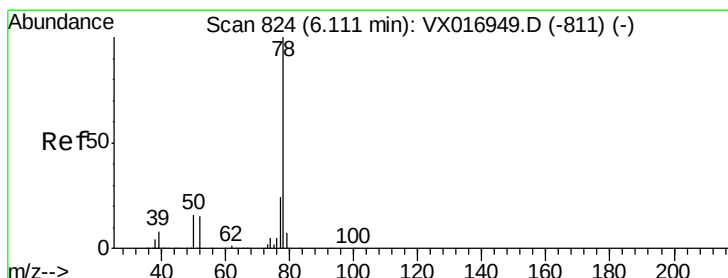
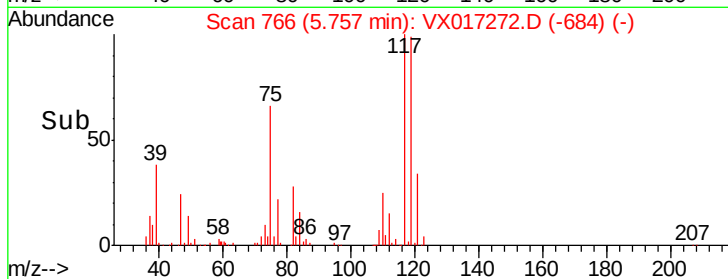
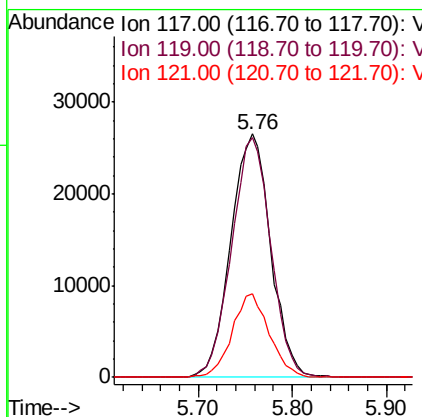
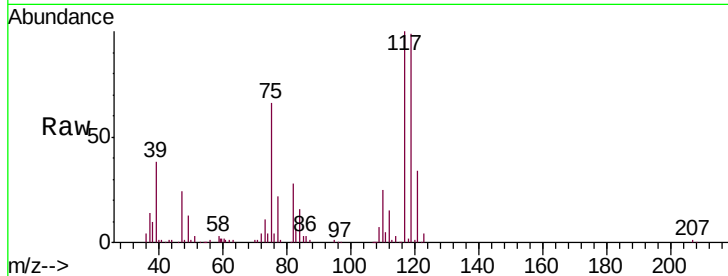




#33
Carbon Tetrachloride
Concen: 15.645 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

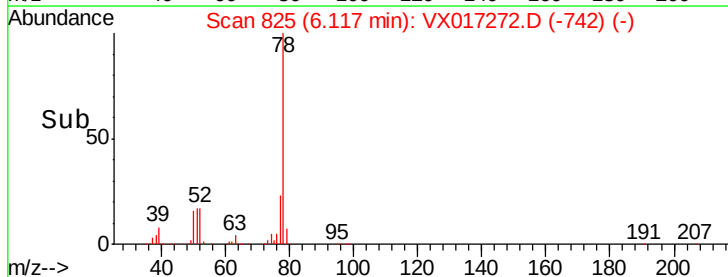
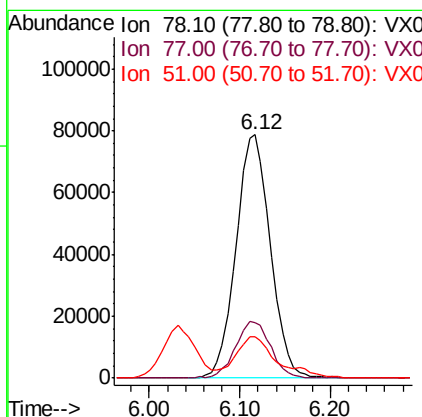
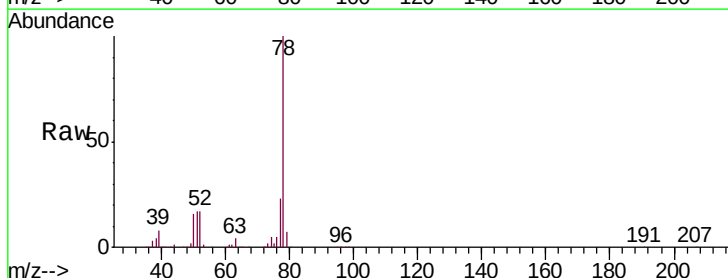
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

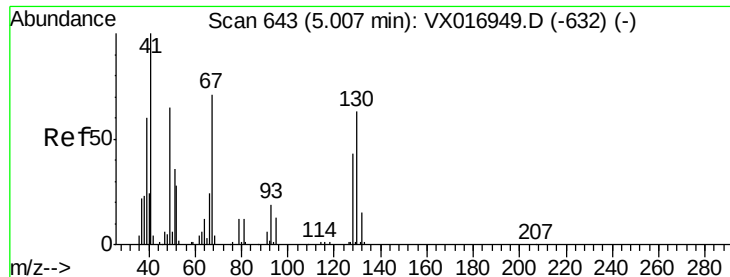
Tgt Ion: 117 Resp: 78397
Ion Ratio Lower Upper
117 100
119 98.5 77.0 115.4
121 34.2 25.0 37.4



#34
Benzene
Concen: 15.270 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion: 78 Resp: 207636
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6
51 16.4 12.8 19.2

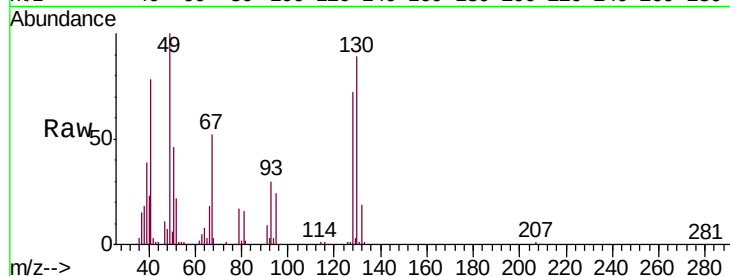




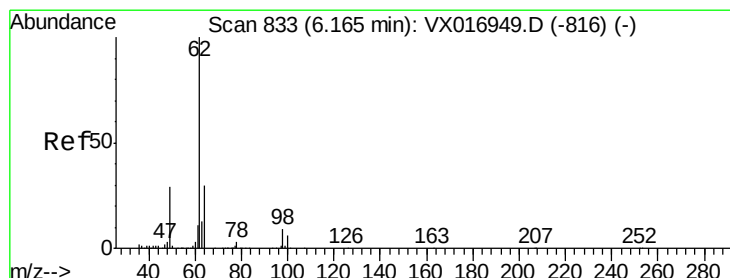
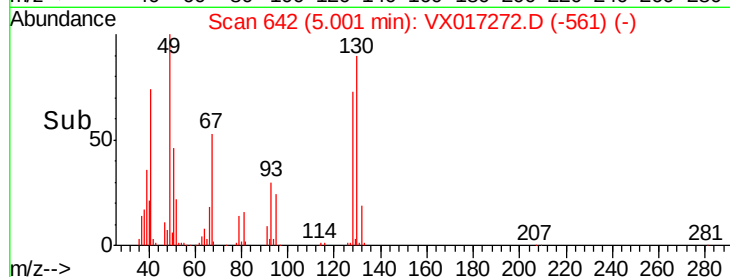
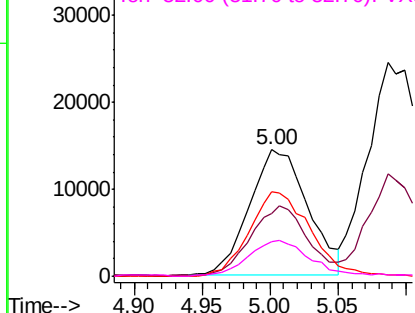
#35
Methacrylonitrile
Concen: 16.223 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:	41	Resp:	43580
Ion	Ratio	Lower	Upper
41	100		
39	49.1	29.8	89.5
67	67.4	35.3	105.9
52	27.6	14.1	42.3

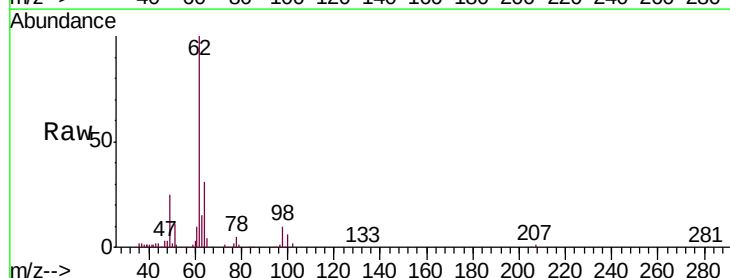


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

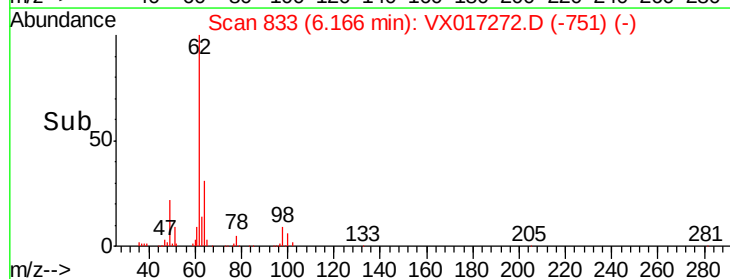
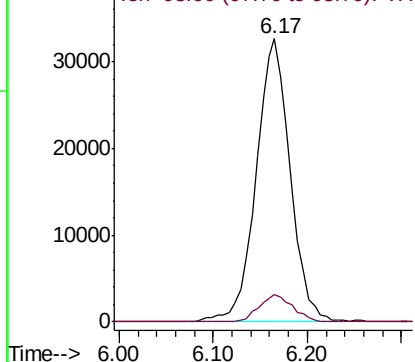


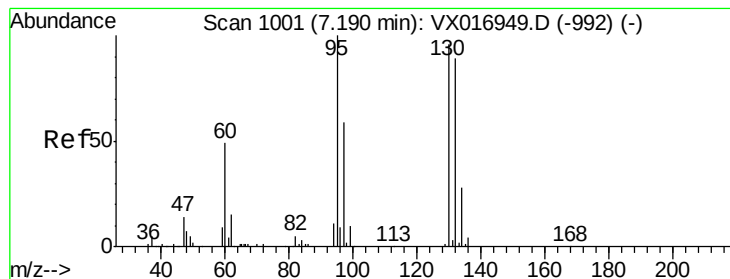
#36
1,2-Dichloroethane
Concen: 15.854 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion:	62	Resp:	82564
Ion	Ratio	Lower	Upper
62	100		
98	9.6	7.6	11.4



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 16.236 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

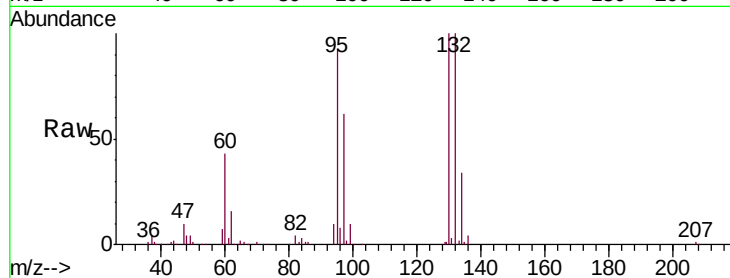
VSTDCCC020

Tgt Ion:130 Resp: 60239

Ion Ratio Lower Upper

130 100

95 93.1 83.1 124.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

30000

25000

20000

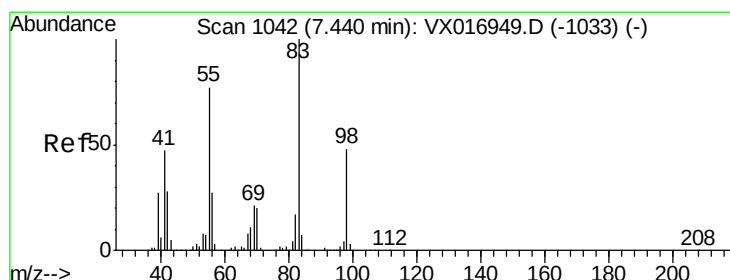
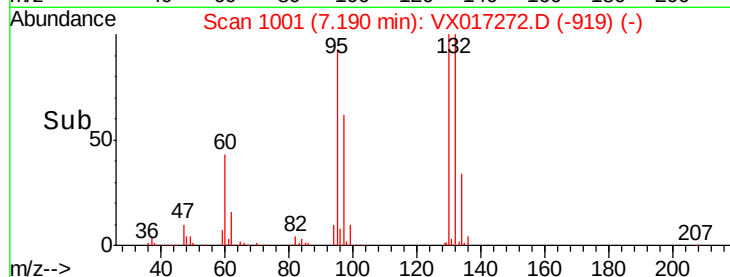
15000

10000

5000

0

Time-->



#38

Methylcyclohexane

Concen: 12.277 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

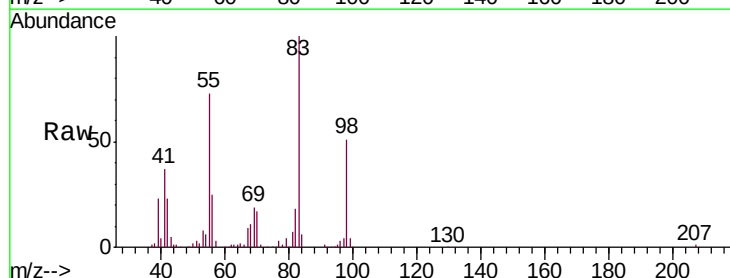
Tgt Ion: 83 Resp: 65288

Ion Ratio Lower Upper

83 100

55 76.2 38.1 114.5

98 50.5 24.6 73.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

40000

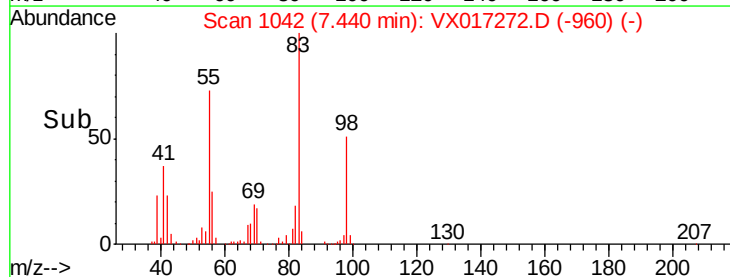
30000

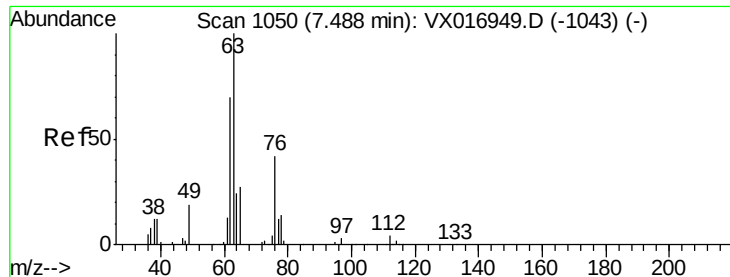
20000

10000

0

Time-->





#39

1,2-Dichloropropane

Concen: 15.561 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

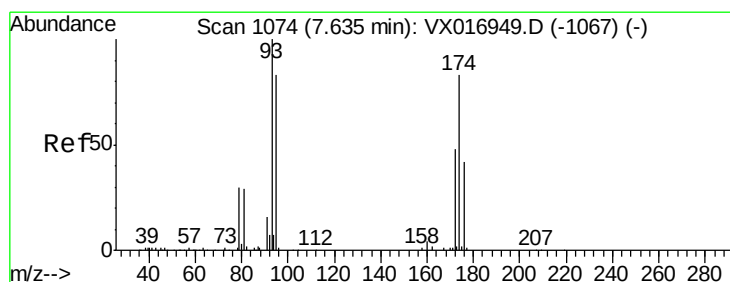
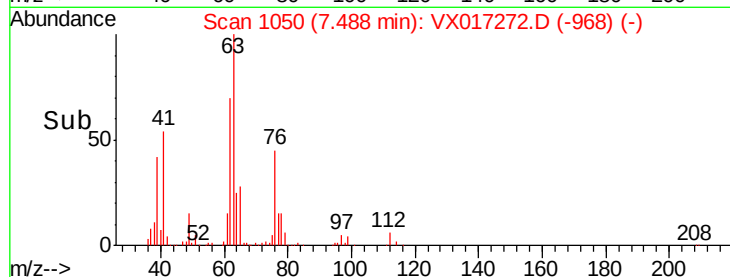
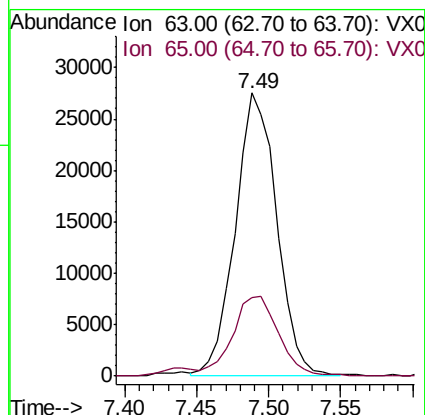
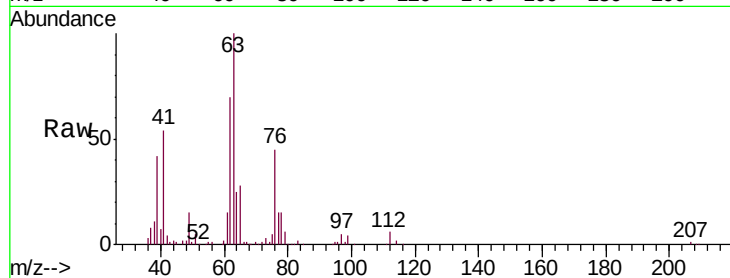
VSTDCCC020

Tgt Ion: 63 Resp: 55125

Ion Ratio Lower Upper

63 100

65 27.4 22.8 34.2



#40

Dibromomethane

Concen: 16.069 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

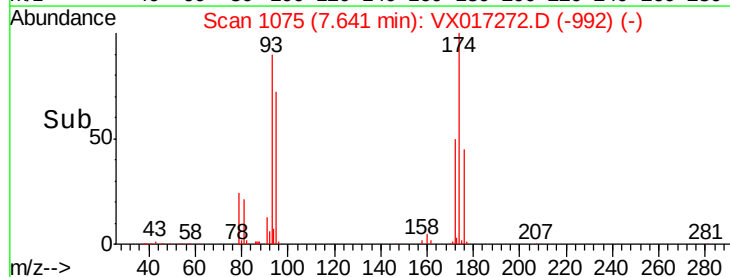
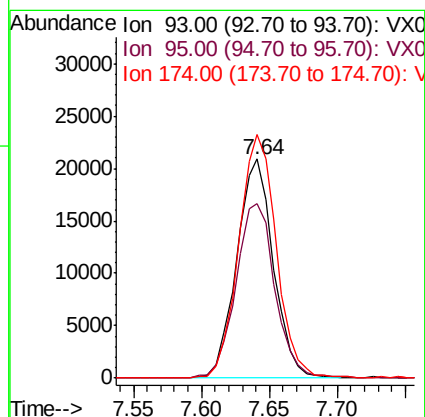
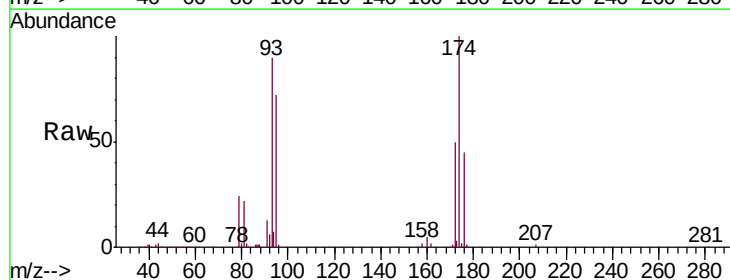
Tgt Ion: 93 Resp: 39232

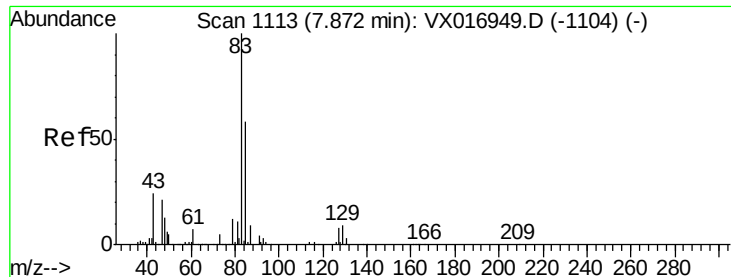
Ion Ratio Lower Upper

93 100

95 85.2 0.0 165.4

174 114.2 0.0 192.0





#41

Bromodichloromethane

Concen: 16.057 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

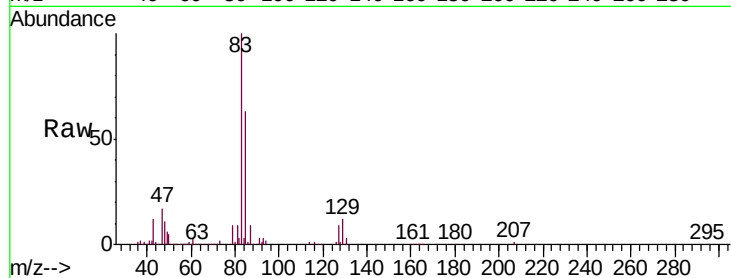
Tgt Ion: 83 Resp: 81178

Ion Ratio Lower Upper

83 100

85 63.3 46.7 70.1

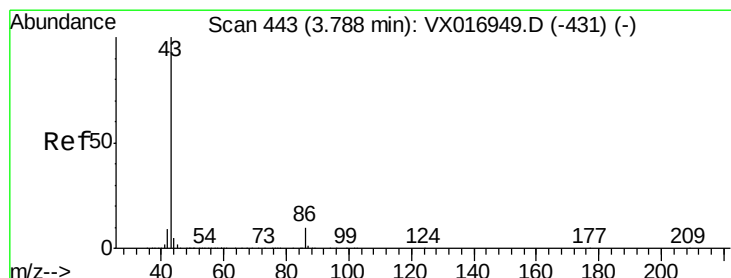
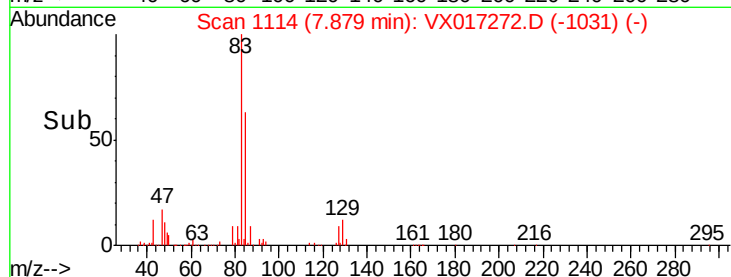
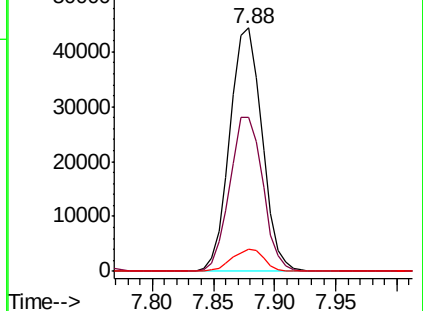
127 9.1 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 76.009 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017272.D

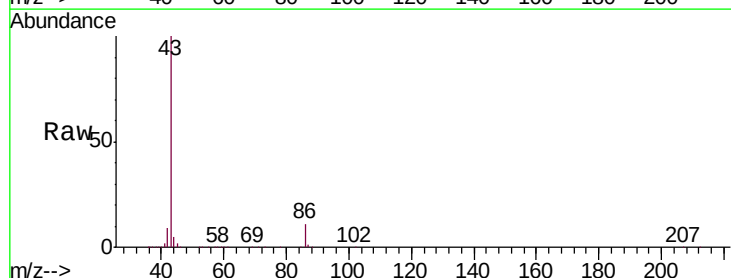
Acq: 08 Jul 2020 21:53

Tgt Ion: 43 Resp: 745569

Ion Ratio Lower Upper

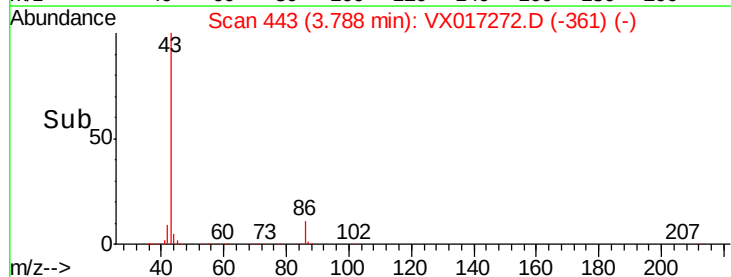
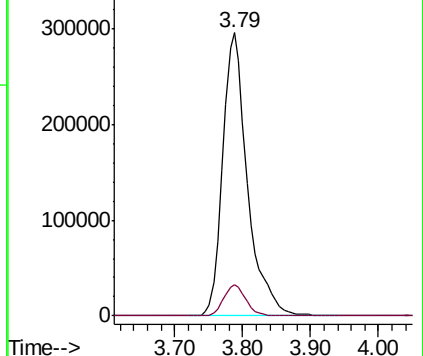
43 100

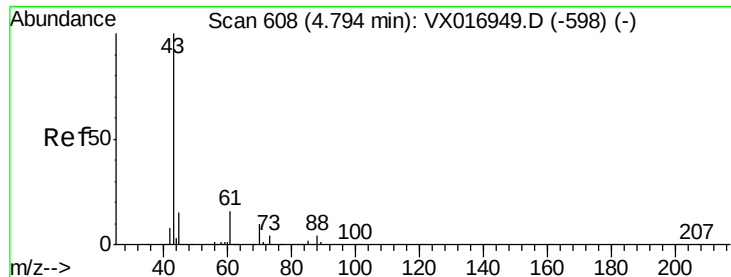
86 9.9 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

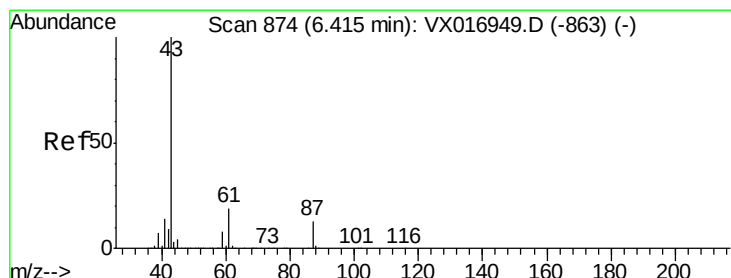
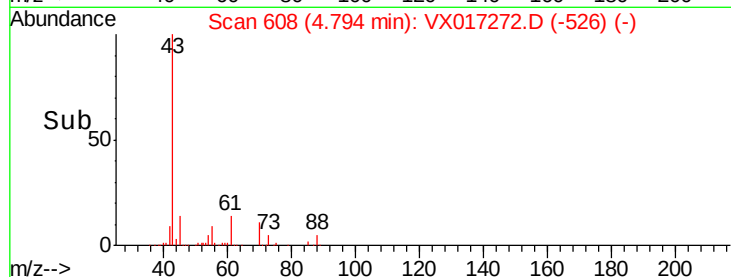
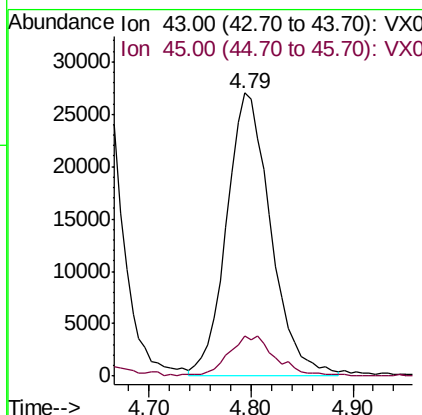
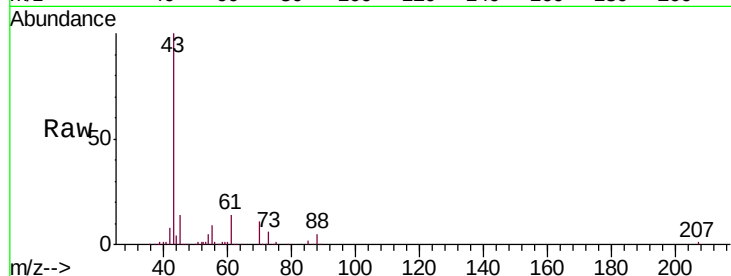




#43
Ethyl Acetate
Concen: 16.139 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

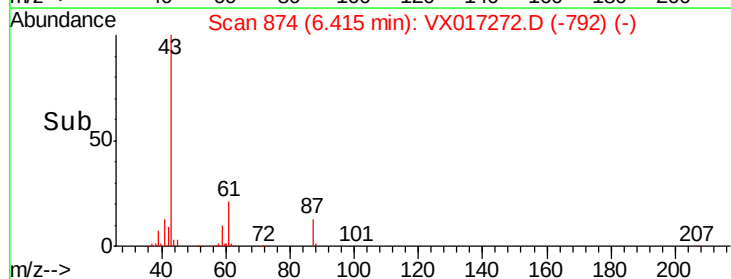
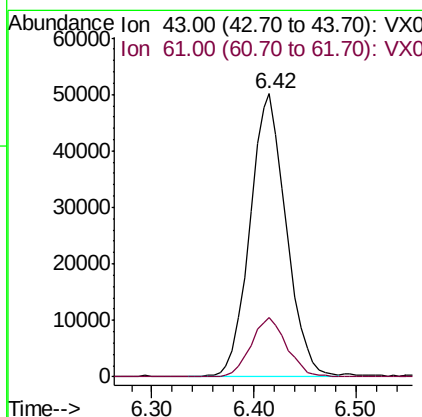
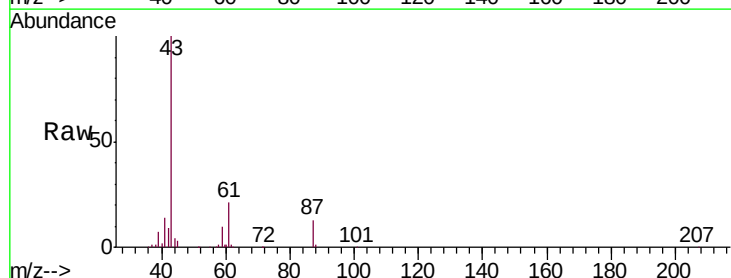
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

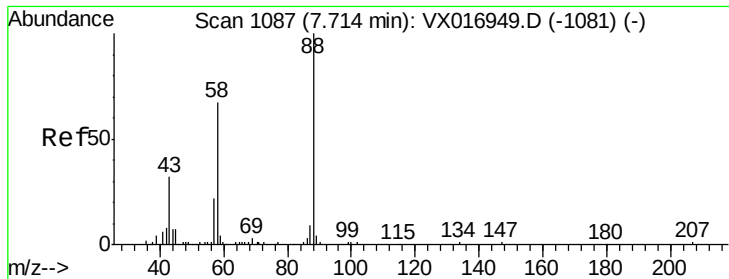
Tgt Ion: 43 Resp: 81371
Ion Ratio Lower Upper
43 100
45 14.4 11.8 17.6



#44
Isopropyl Acetate
Concen: 14.864 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion: 43 Resp: 123528
Ion Ratio Lower Upper
43 100
61 20.7 15.4 23.2

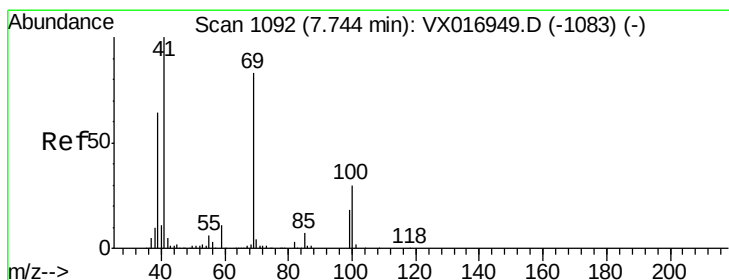
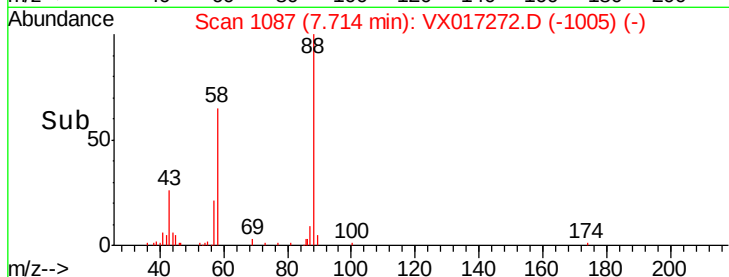
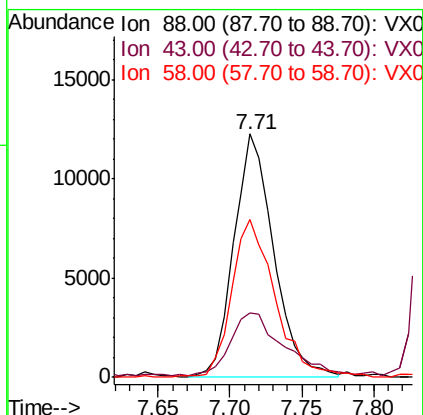
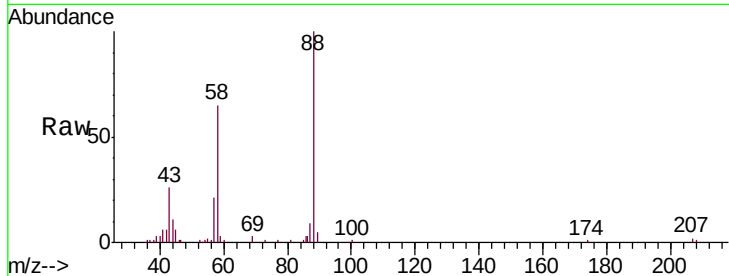




#45
 1,4-Dioxane
 Concen: 282.295 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

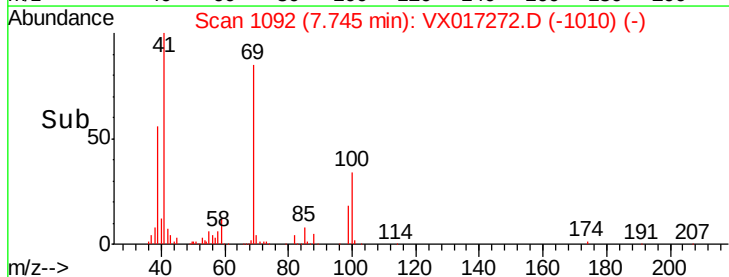
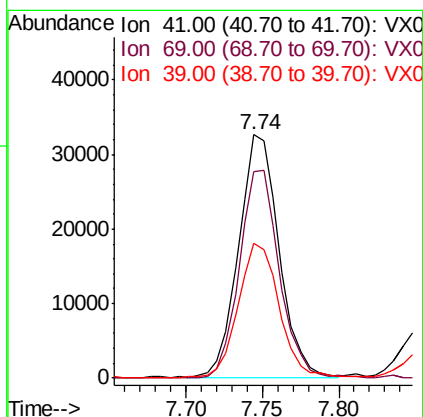
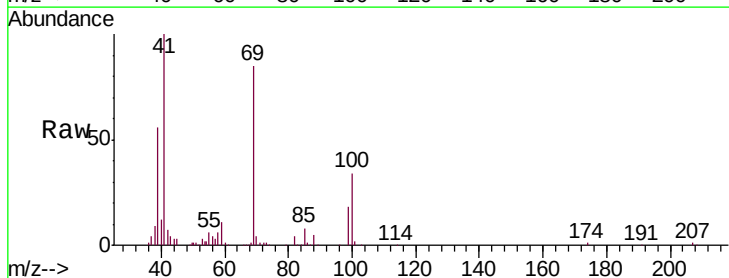
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

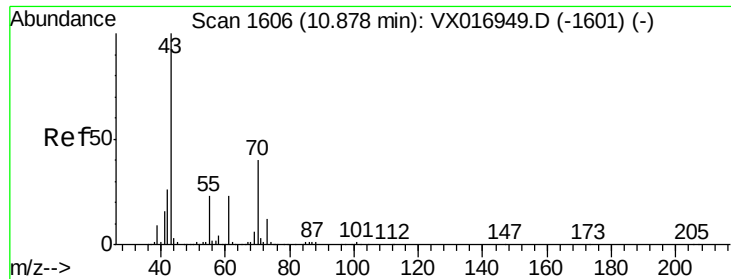
Tgt Ion: 88 Resp: 23668
 Ion Ratio Lower Upper
 88 100
 43 34.3 28.9 43.3
 58 67.7 56.7 85.1



#46
 Methyl methacrylate
 Concen: 15.666 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion: 41 Resp: 60249
 Ion Ratio Lower Upper
 41 100
 69 84.2 41.3 123.9
 39 55.0 32.0 96.2





#47

n-amyI Acetate

Concen: 14.062 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

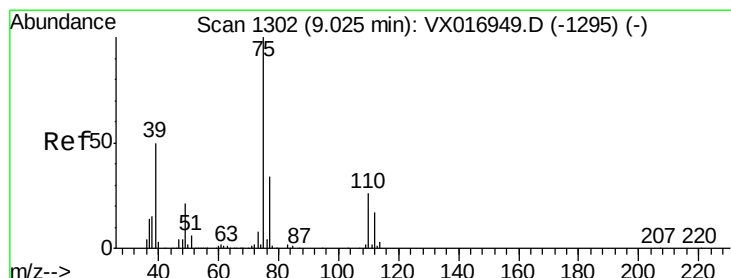
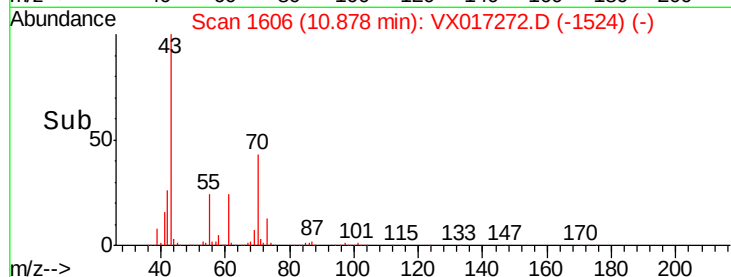
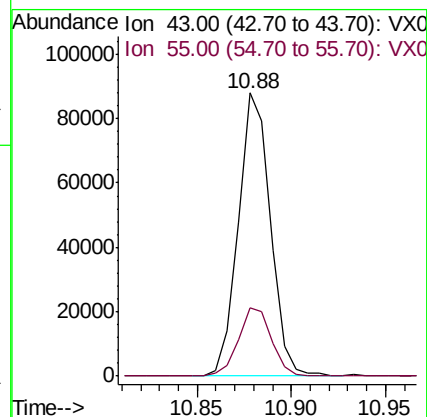
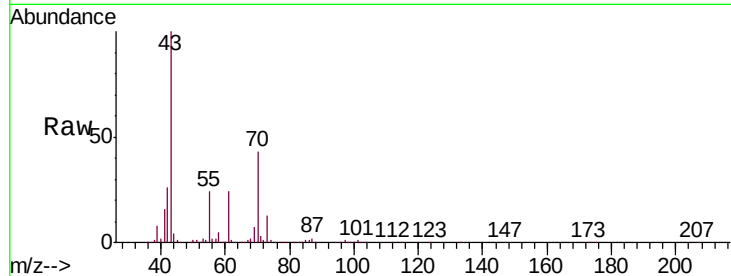
VSTDCCC020

Tgt Ion: 43 Resp: 103295

Ion Ratio Lower Upper

43 100

55 25.2 18.6 27.8



#48

t-1,3-Dichloropropene

Concen: 14.685 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017272.D

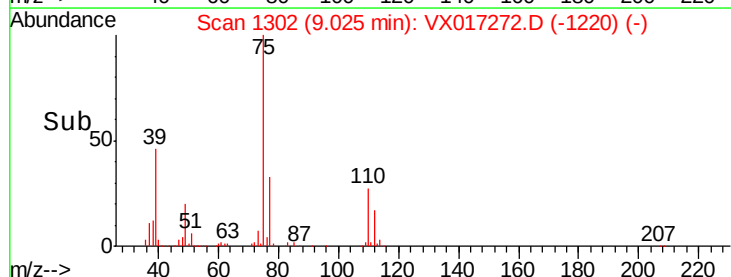
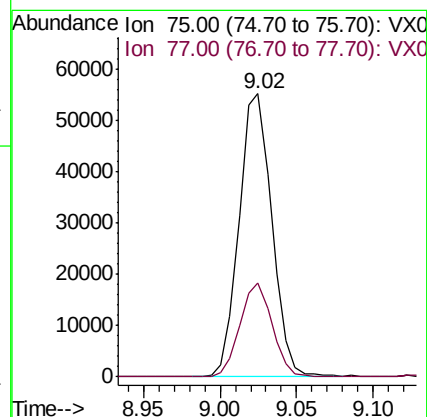
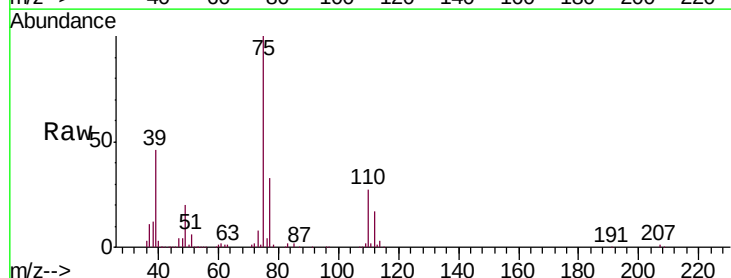
Acq: 08 Jul 2020 21:53

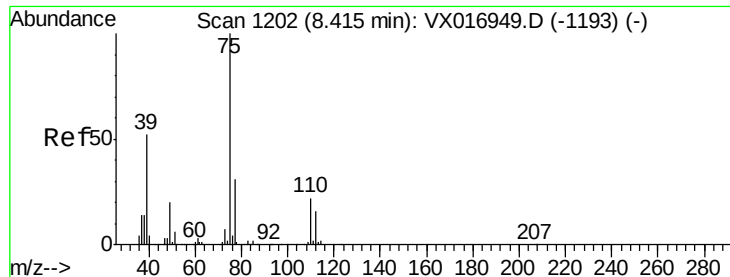
Tgt Ion: 75 Resp: 82087

Ion Ratio Lower Upper

75 100

77 33.3 27.0 40.4



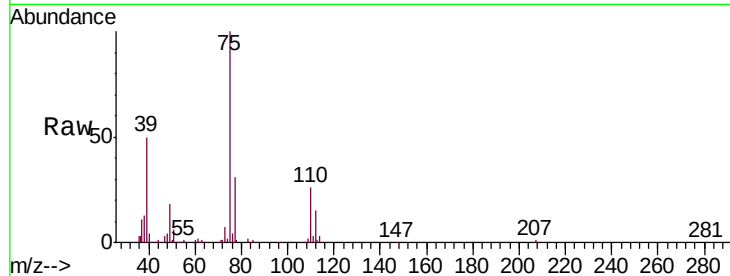


#49

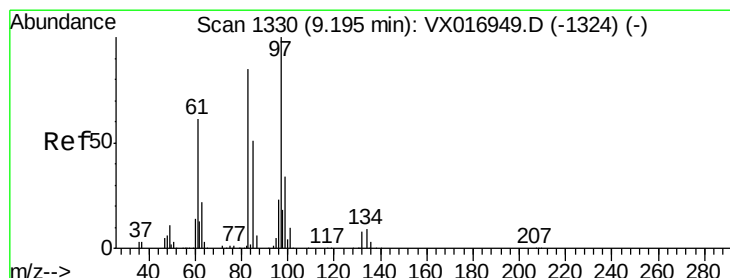
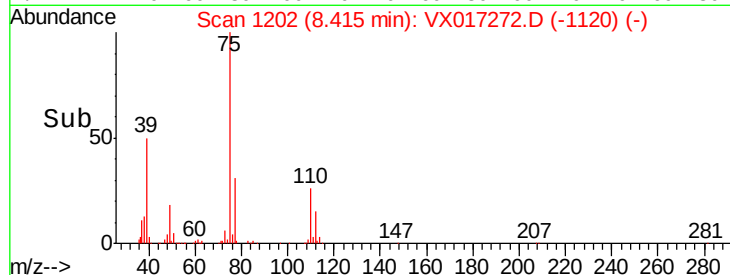
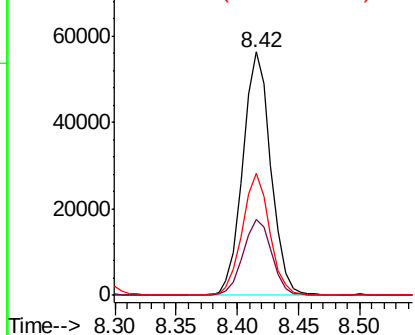
cis-1,3-Dichloropropene
Concen: 15.262 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.8	37.2
39	50.1	41.8	62.6



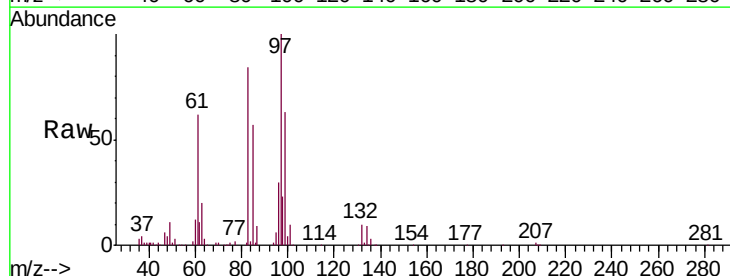
Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



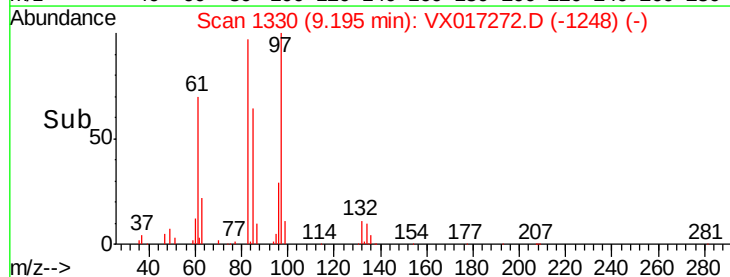
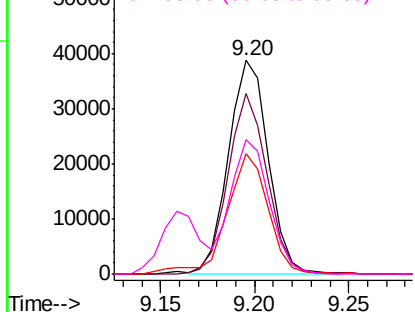
#50

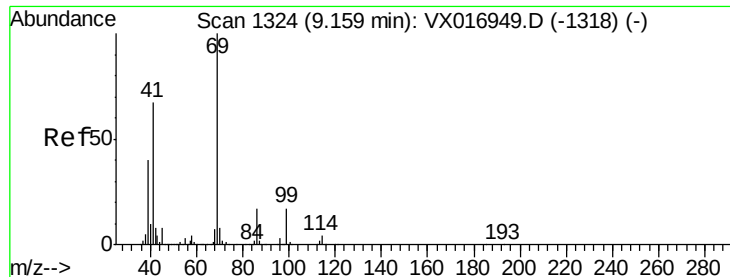
1,1,2-Trichloroethane
Concen: 16.713 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.0
85	56.6	42.9	64.3
99	63.3	47.8	71.6



Abundance Ion 97.00 (96.70 to 97.70): VX0
Ion 82.95 (82.65 to 83.65): VX0
Ion 84.95 (84.65 to 85.65): VX0
Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 15.466 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

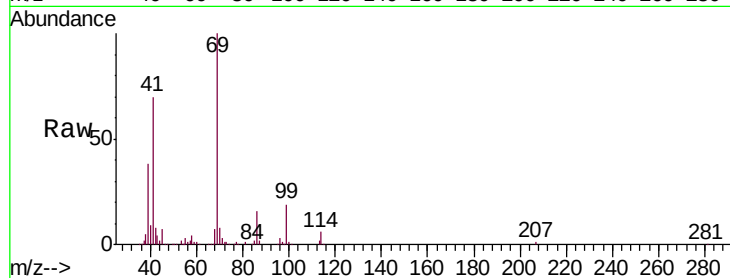
Tgt Ion: 69 Resp: 80873

Ion Ratio Lower Upper

69 100

41 69.7 33.7 101.1

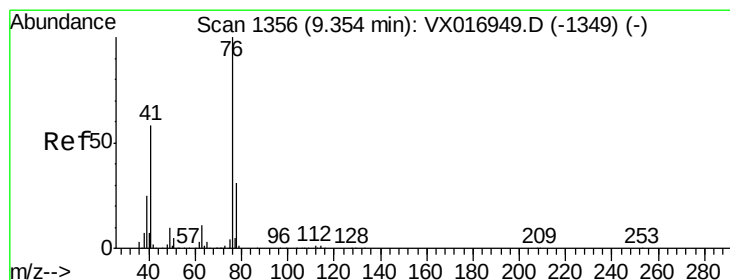
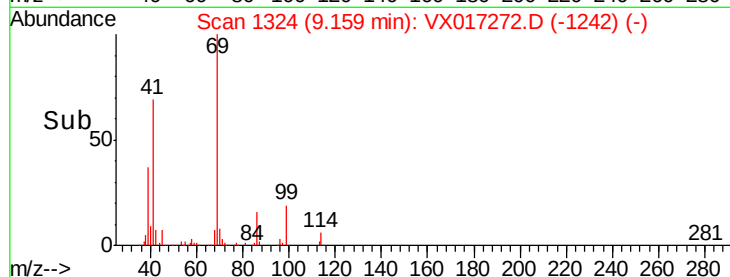
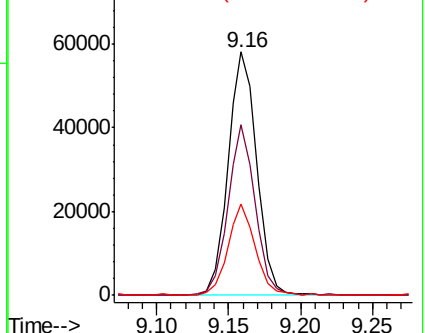
39 37.3 19.9 59.7



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



#52

1,3-Dichloropropane

Concen: 16.352 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017272.D

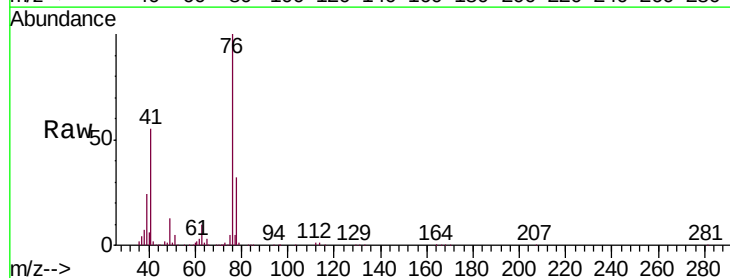
Acq: 08 Jul 2020 21:53

Tgt Ion: 76 Resp: 95659

Ion Ratio Lower Upper

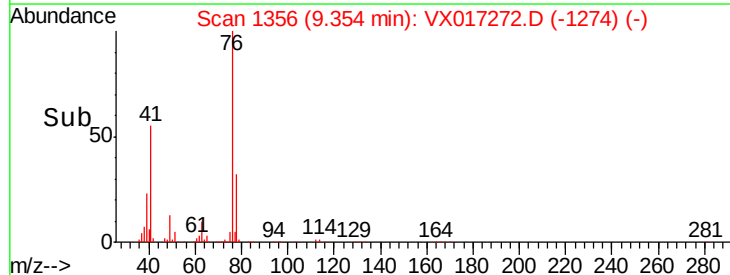
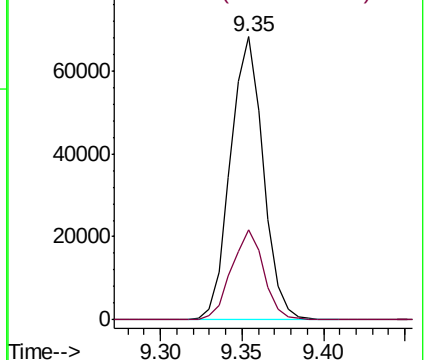
76 100

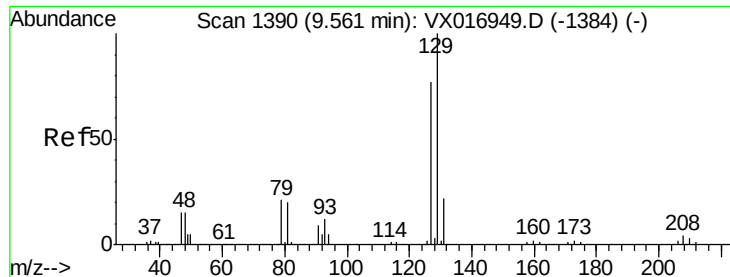
78 31.1 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 17.354 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

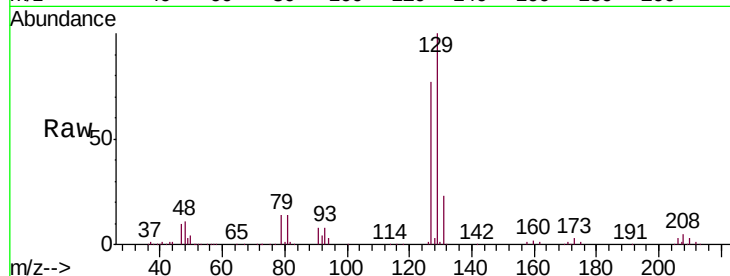
VSTDCCC020

Tgt Ion:129 Resp: 67963

Ion Ratio Lower Upper

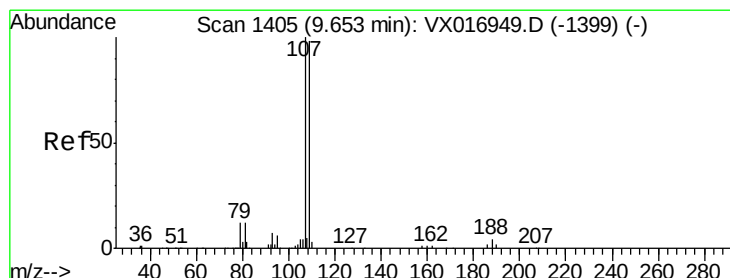
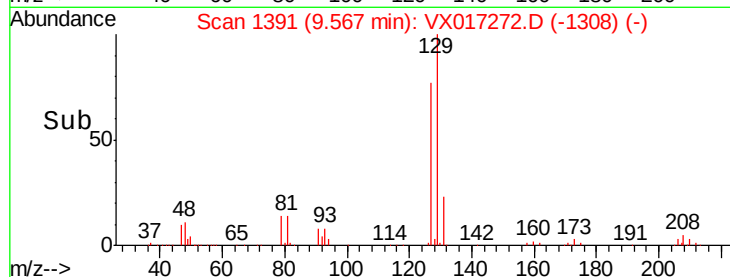
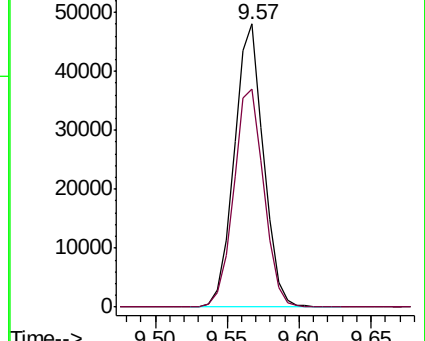
129 100

127 79.3 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.207 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017272.D

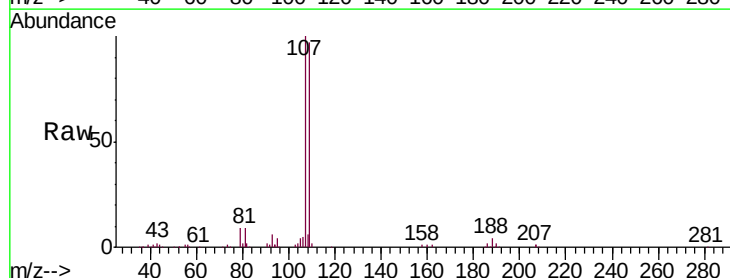
Acq: 08 Jul 2020 21:53

Tgt Ion:107 Resp: 62213

Ion Ratio Lower Upper

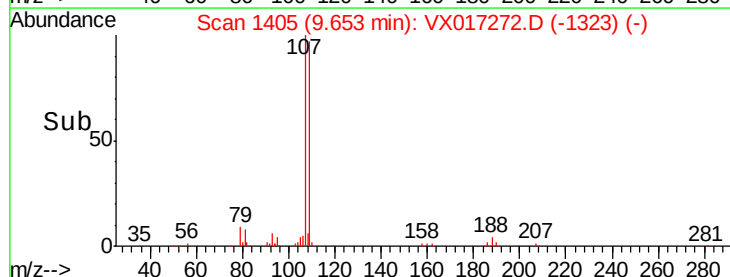
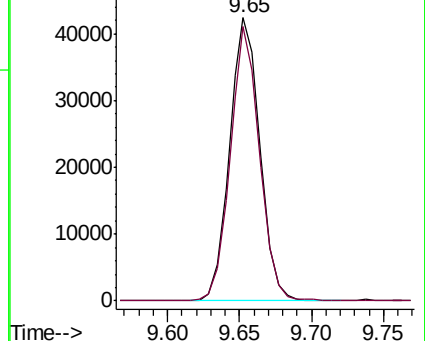
107 100

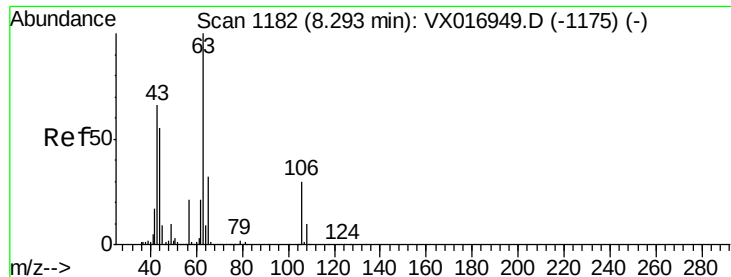
109 93.3 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

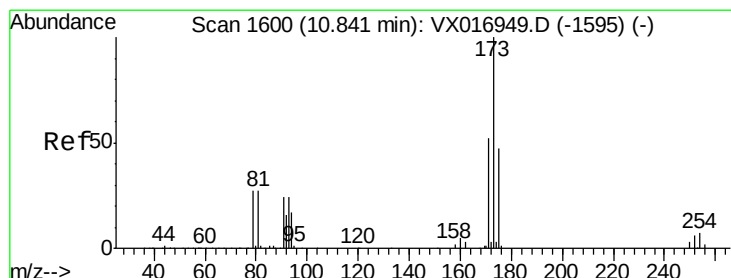
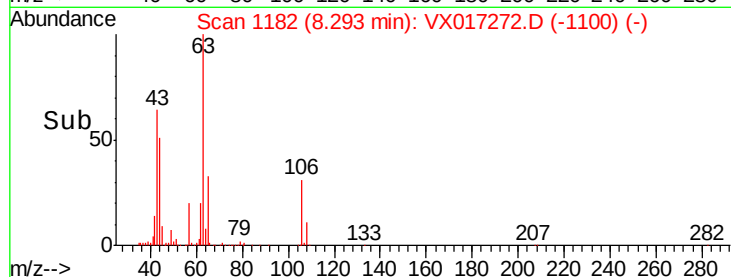
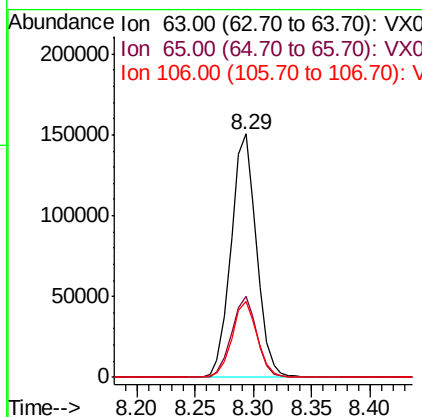
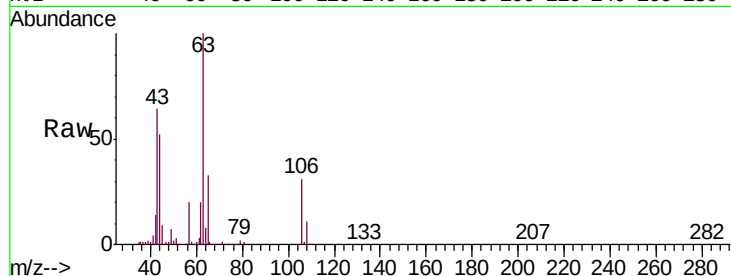




#55
 2-Chloroethyl vinyl ether
 Concen: 83.464 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

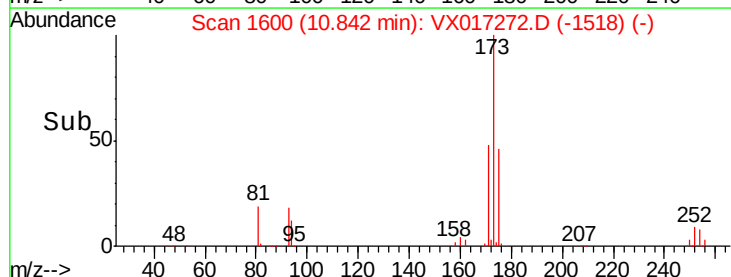
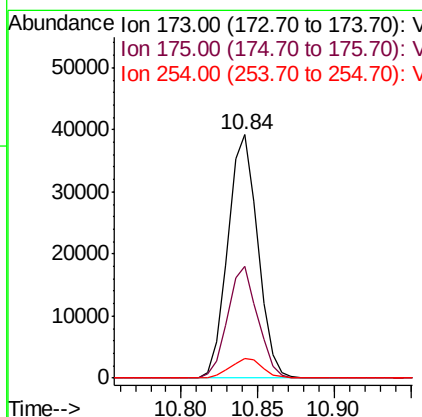
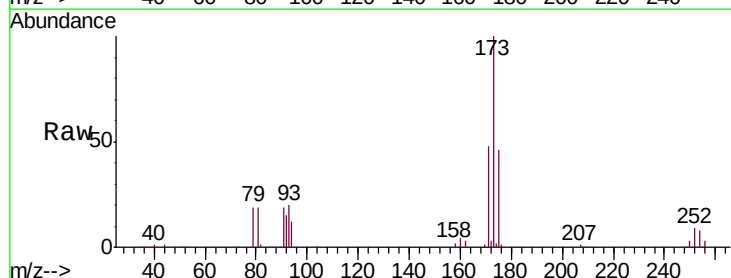
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

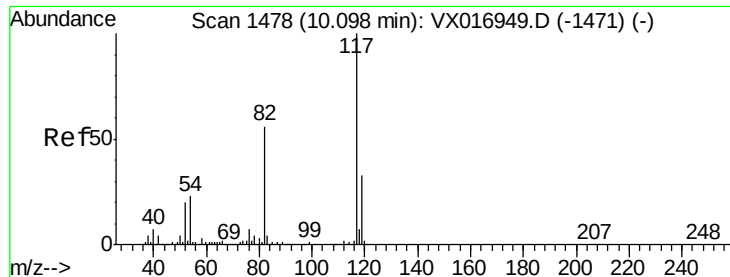
Tgt Ion: 63 Resp: 229675
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.9 38.9
 106 30.7 22.6 33.8



#56
 Bromoform
 Concen: 19.112 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion: 173 Resp: 53133
 Ion Ratio Lower Upper
 173 100
 175 46.2 38.7 58.1
 254 8.7 5.8 8.6#

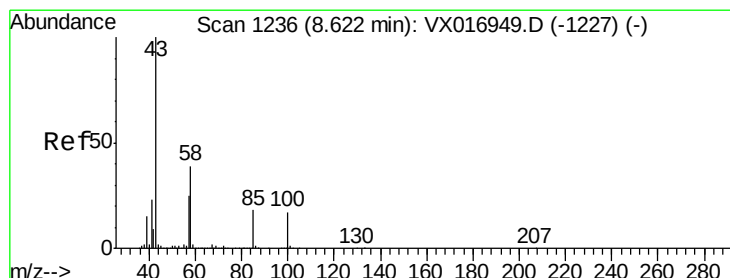
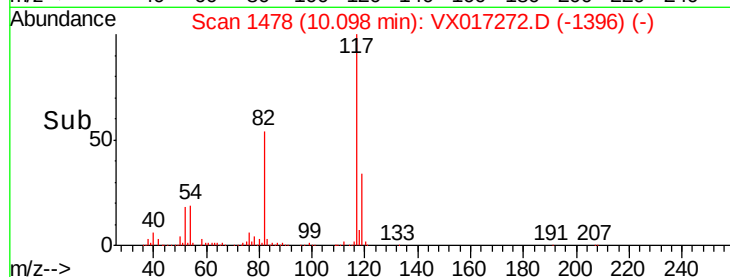
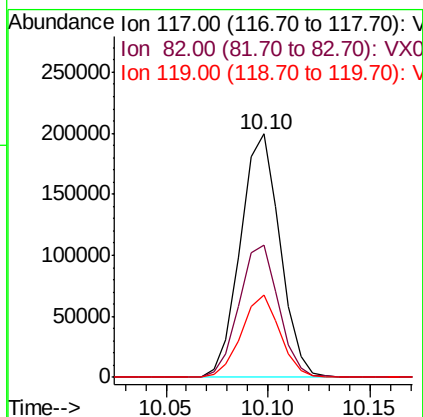
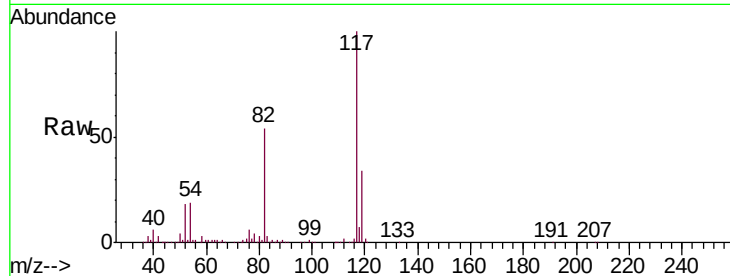




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

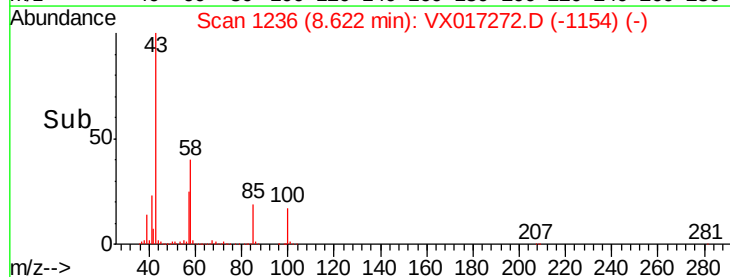
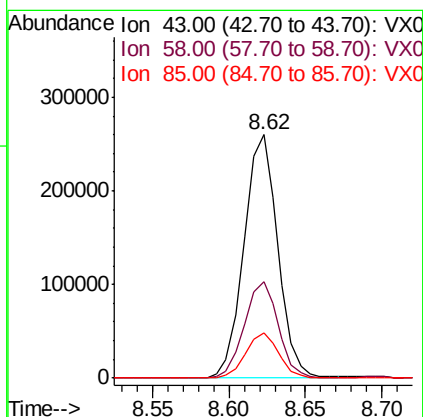
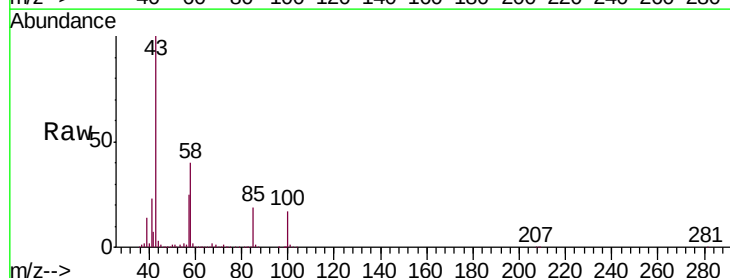
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

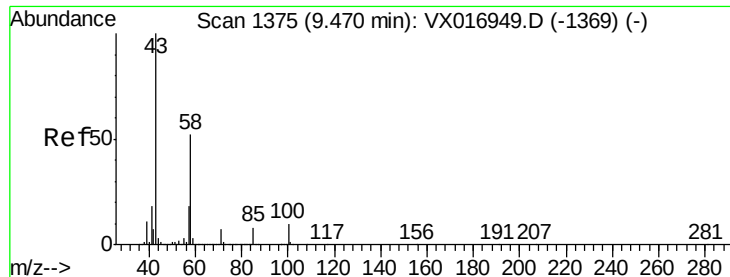
Tgt Ion: 117 Resp: 269455
Ion Ratio Lower Upper
117 100
82 54.4 44.9 67.3
119 32.8 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 80.461 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion: 43 Resp: 399361
Ion Ratio Lower Upper
43 100
58 39.6 30.4 45.6
85 18.4 13.5 20.3

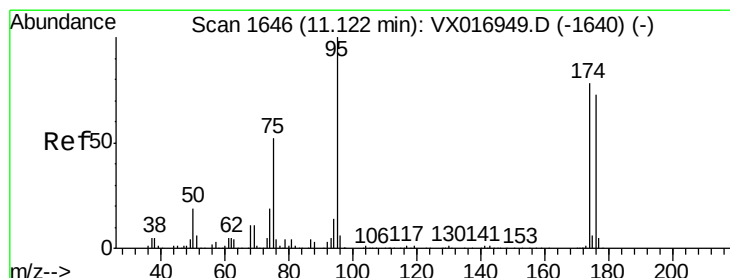
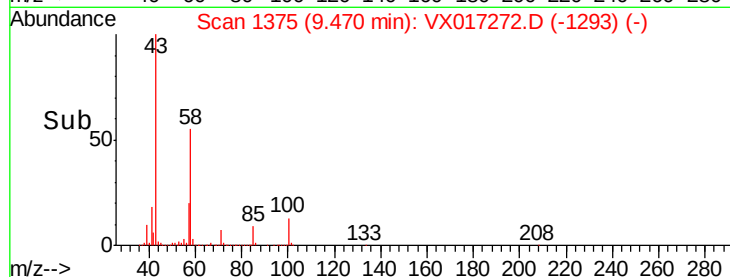
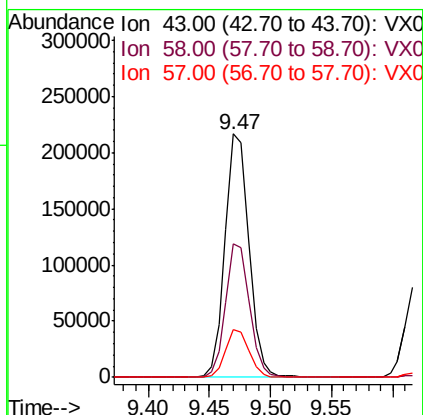
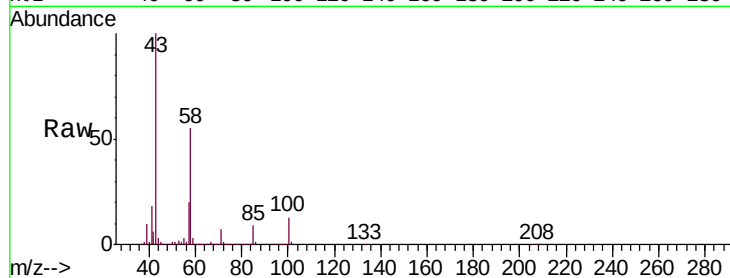




#59
2-Hexanone
Concen: 79.484 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

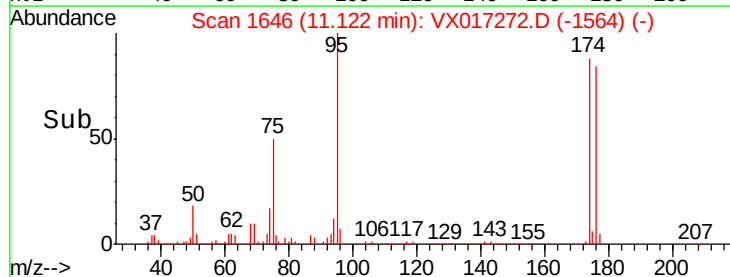
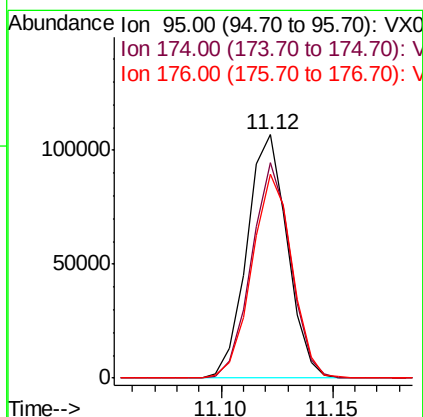
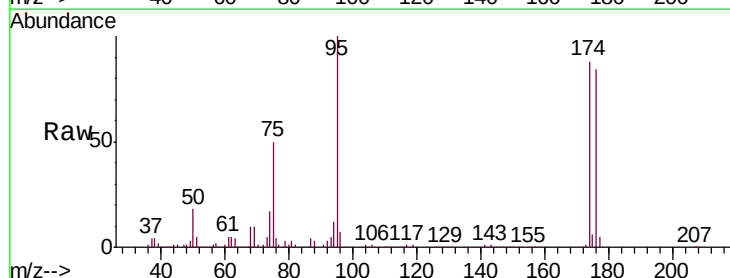
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

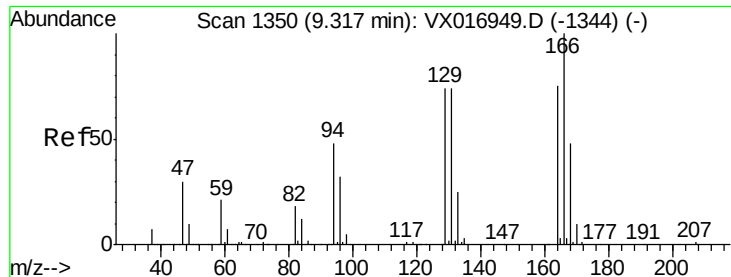
Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.5	42.3	63.5
57	19.5	14.1	21.1



#60
4-Bromofluorobenzene
Concen: 30.207 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.8	62.2	93.4
176	83.2	58.9	88.3





#61

Tetrachloroethene

Concen: 16.811 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 57770

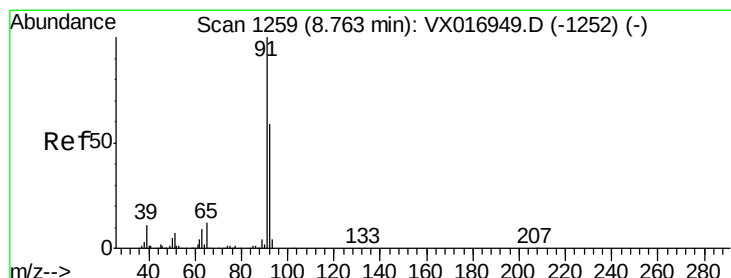
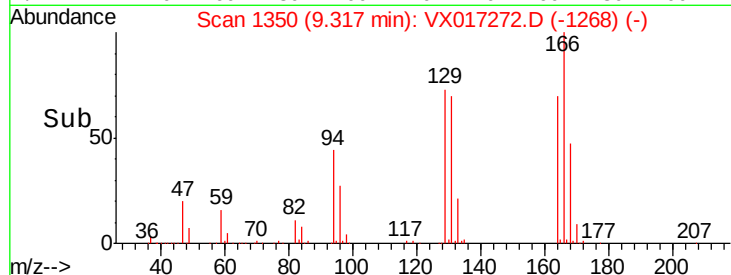
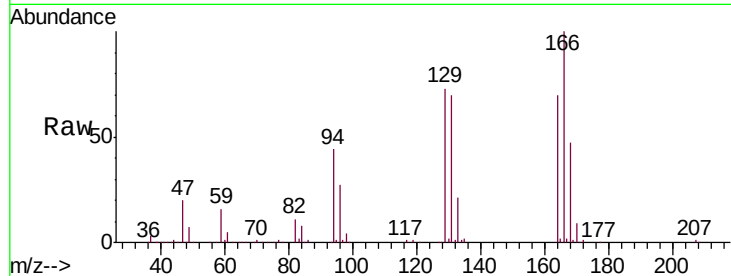
Ion Ratio Lower Upper

164 100

166 143.6 106.3 159.5

129 105.4 78.9 118.3

131 100.6 78.2 117.4



#62

Toluene

Concen: 14.882 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017272.D

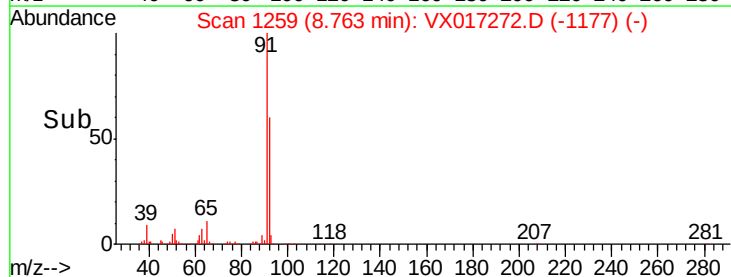
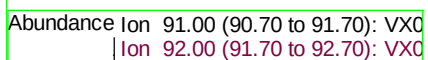
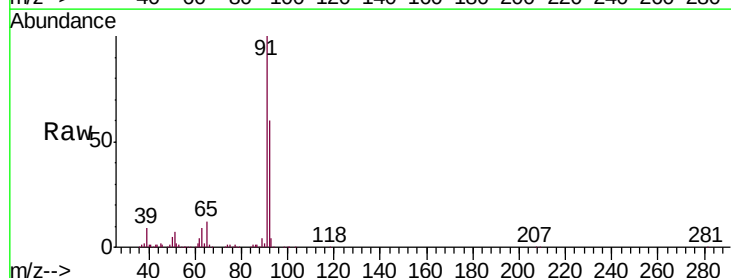
Acq: 08 Jul 2020 21:53

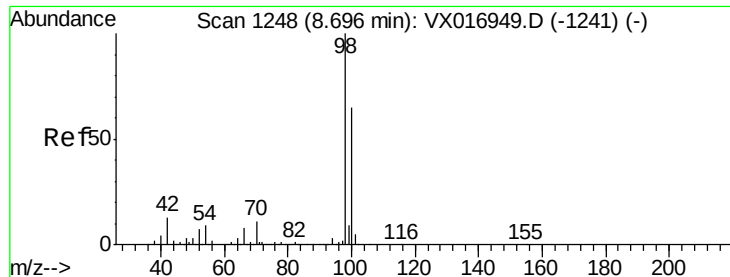
Tgt Ion: 91 Resp: 219333

Ion Ratio Lower Upper

91 100

92 59.4 46.8 70.2





#63

Toluene-d8

Concen: 29.241 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

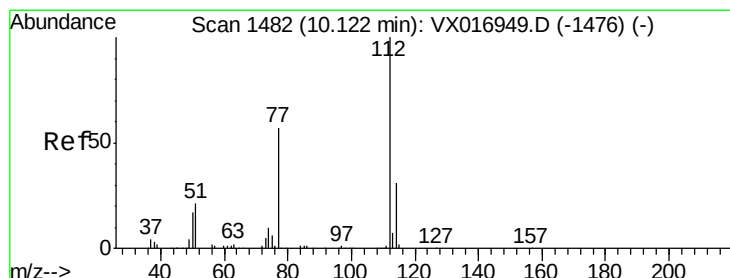
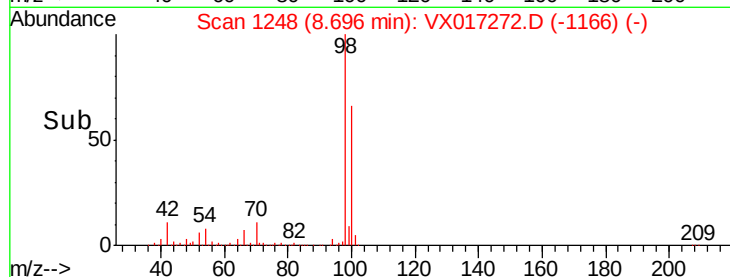
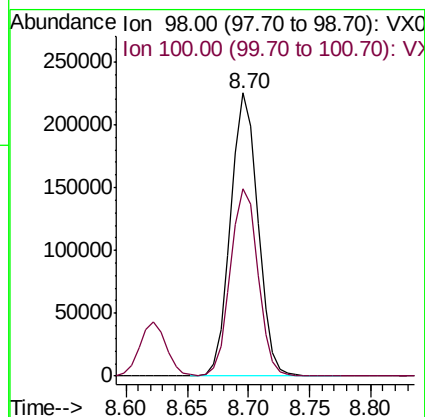
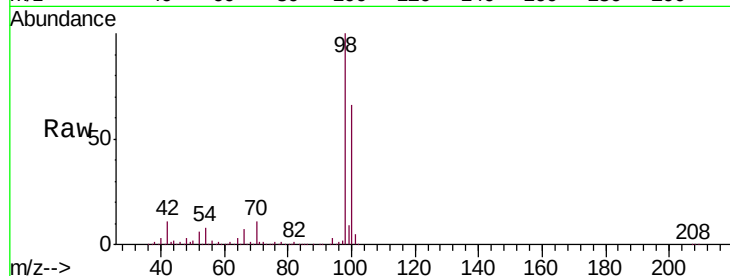
VSTDCCC020

Tgt Ion: 98 Resp: 347315

Ion Ratio Lower Upper

98 100

100 67.0 52.3 78.5



#64

Chlorobenzene

Concen: 15.859 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017272.D

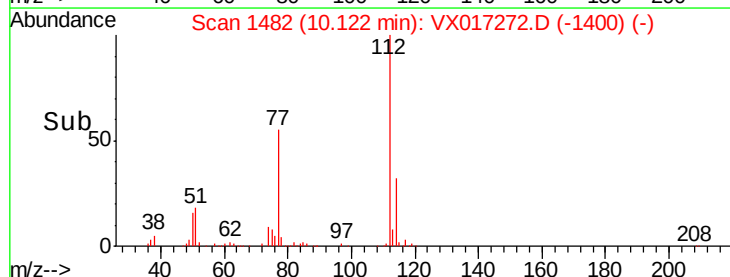
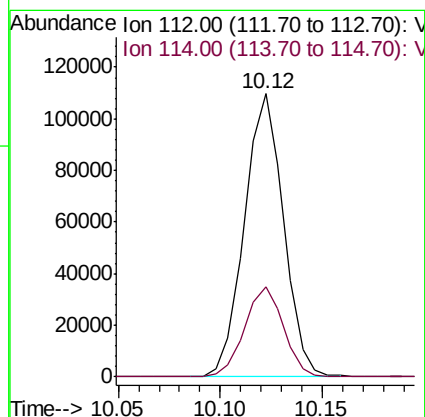
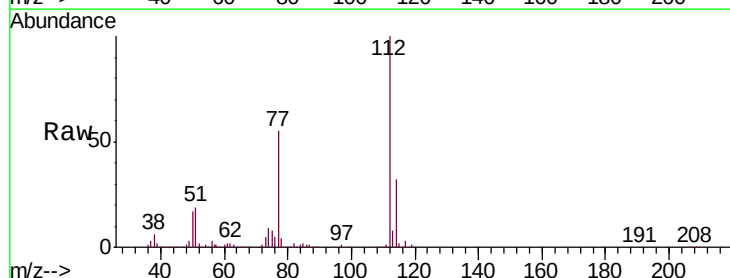
Acq: 08 Jul 2020 21:53

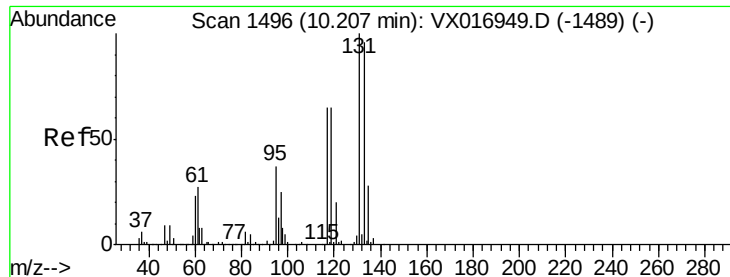
Tgt Ion: 112 Resp: 146428

Ion Ratio Lower Upper

112 100

114 31.6 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 17.037 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

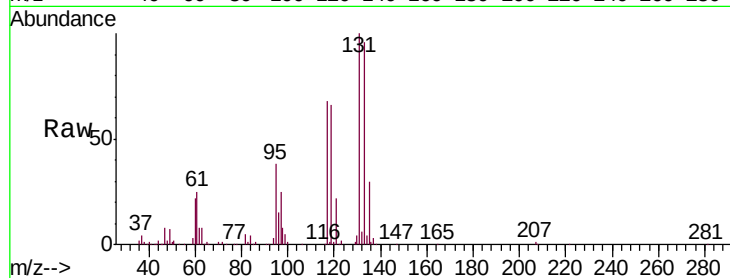
Tgt Ion: 131 Resp: 59219

Ion Ratio Lower Upper

131 100

133 97.2 0.0 190.2

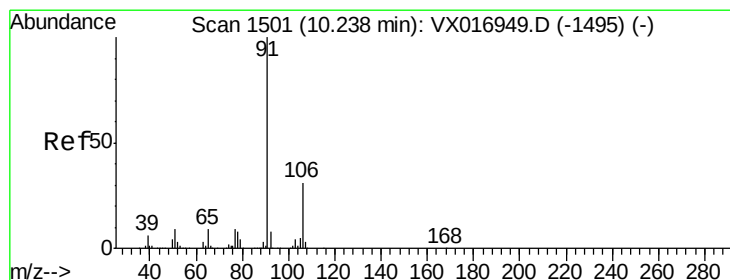
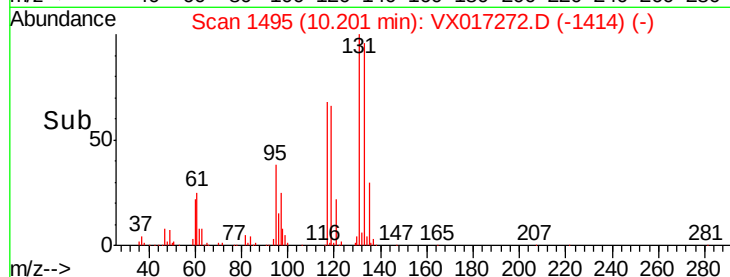
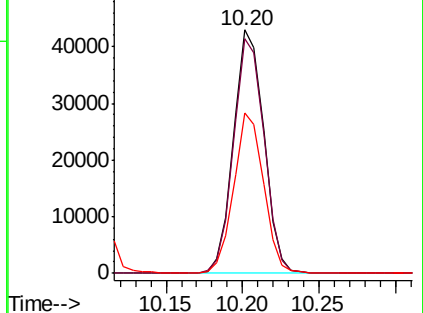
119 64.4 0.0 133.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 14.527 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017272.D

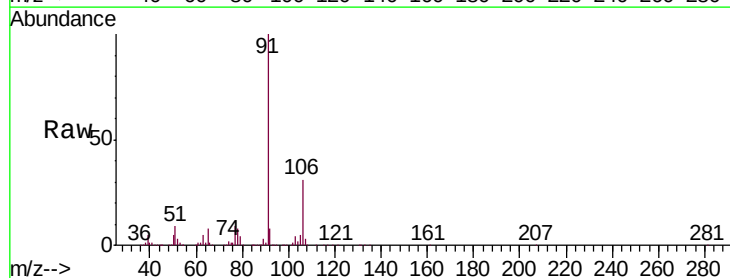
Acq: 08 Jul 2020 21:53

Tgt Ion: 91 Resp: 237418

Ion Ratio Lower Upper

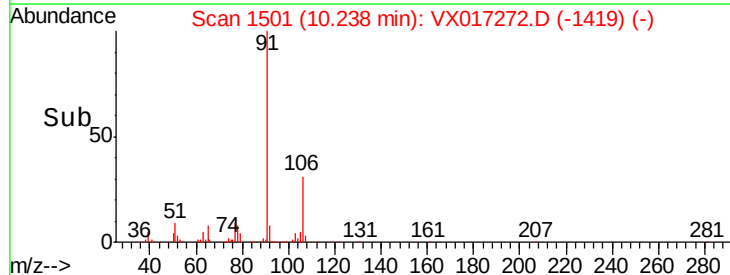
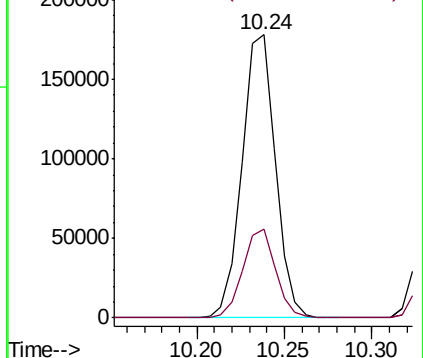
91 100

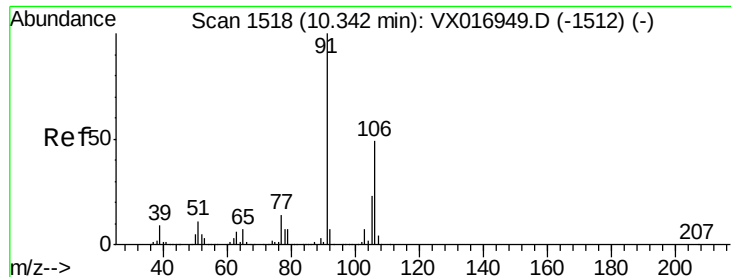
106 31.5 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

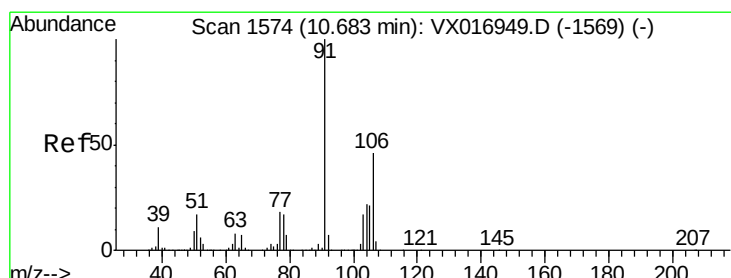
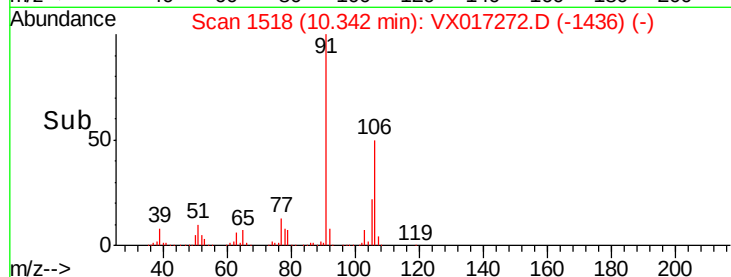
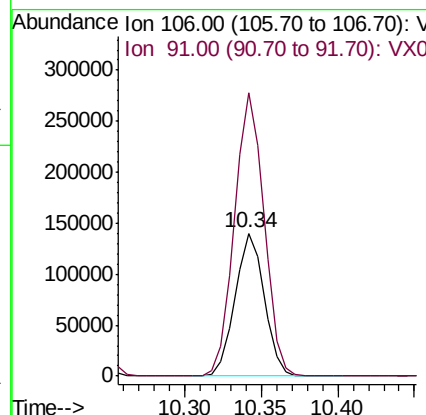
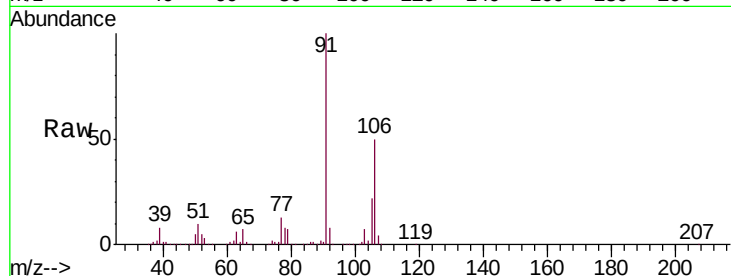




#67
m/p-Xylenes
Concen: 30.020 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

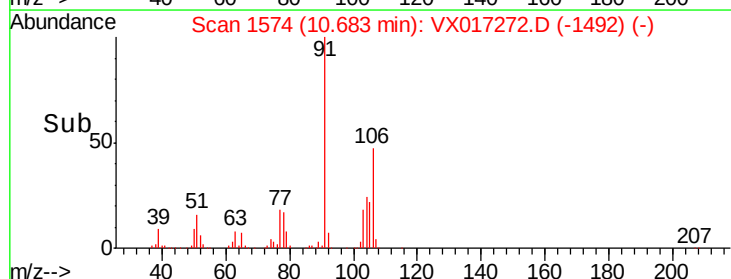
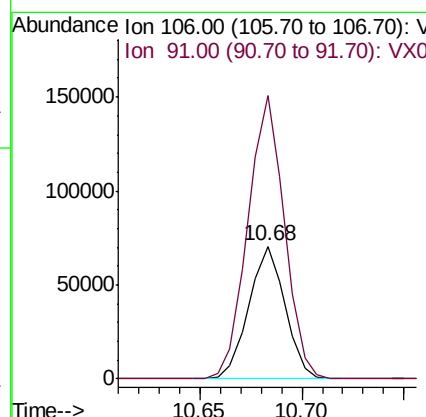
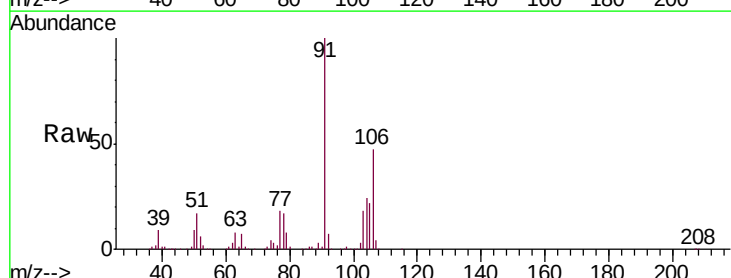
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

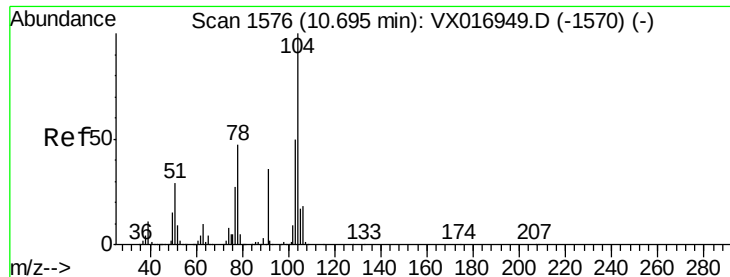
Tgt Ion:106 Resp: 185082
Ion Ratio Lower Upper
106 100
91 200.7 164.5 246.7



#68
o-Xylene
Concen: 14.766 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion:106 Resp: 87450
Ion Ratio Lower Upper
106 100
91 214.2 107.3 321.9





#69

Styrene

Concen: 15.307 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

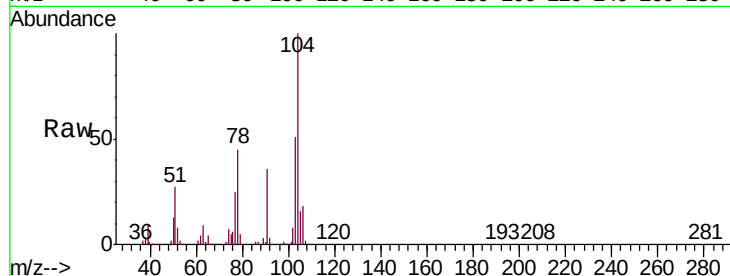
Tgt Ion:104 Resp: 155216

Ion Ratio Lower Upper

104 100

78 49.6 42.6 64.0

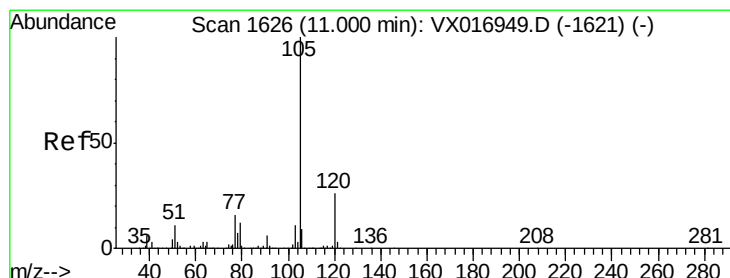
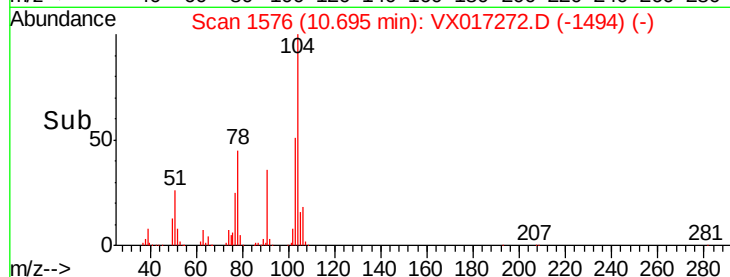
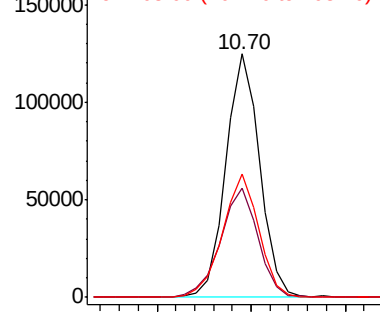
103 54.7 44.1 66.1



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



#70

Isopropylbenzene

Concen: 14.609 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017272.D

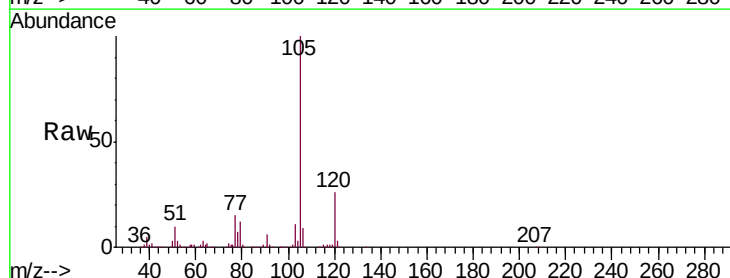
Acq: 08 Jul 2020 21:53

Tgt Ion:105 Resp: 234672

Ion Ratio Lower Upper

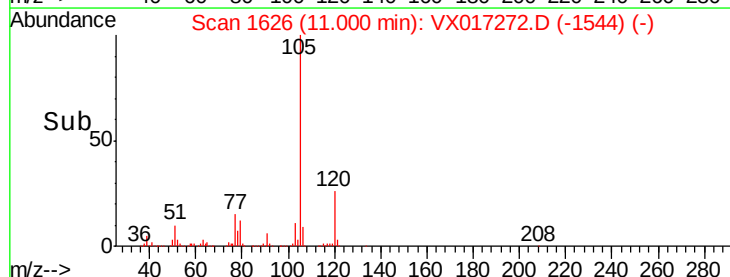
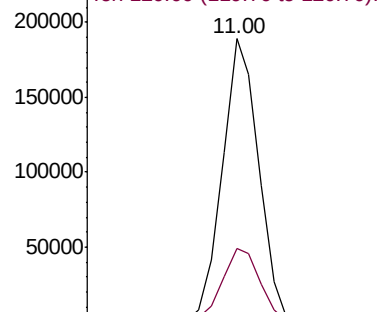
105 100

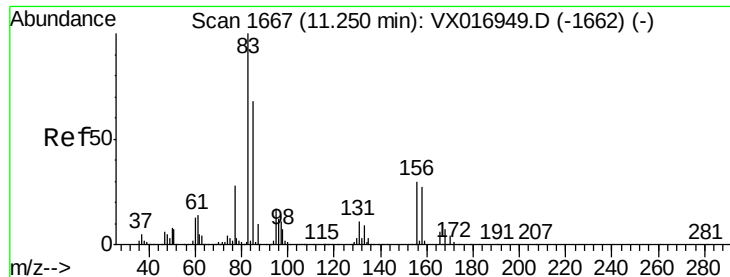
120 26.9 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 16.768 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

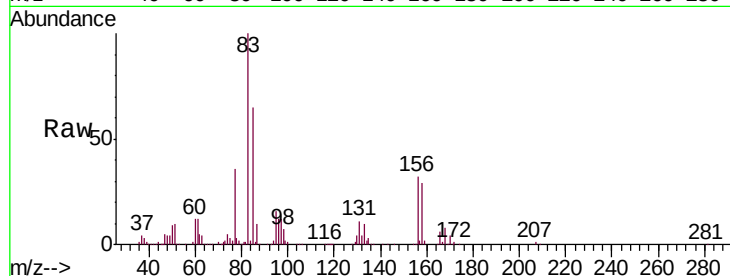
Tgt Ion: 83 Resp: 82722

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

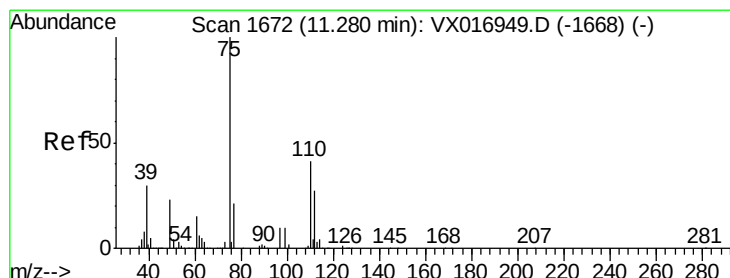
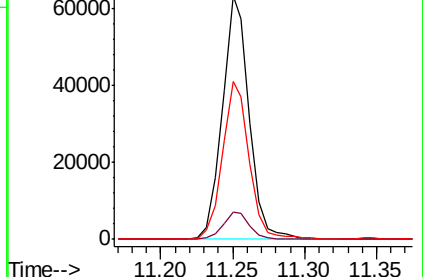
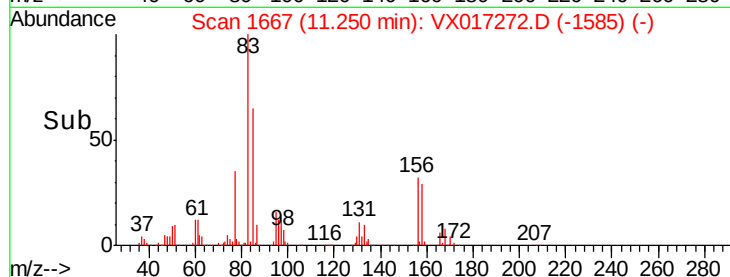
85 64.8 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 21.700 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017272.D

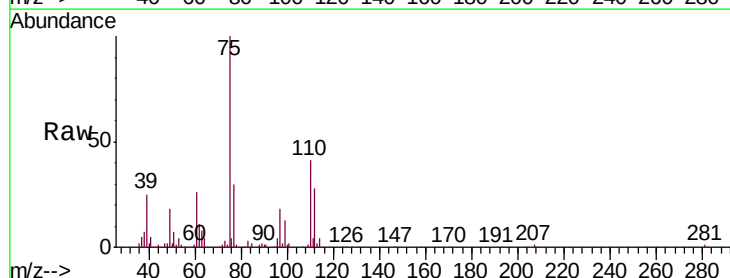
Acq: 08 Jul 2020 21:53

Tgt Ion: 75 Resp: 102801

Ion Ratio Lower Upper

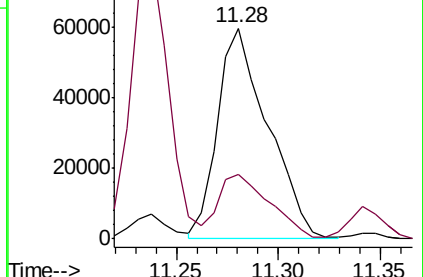
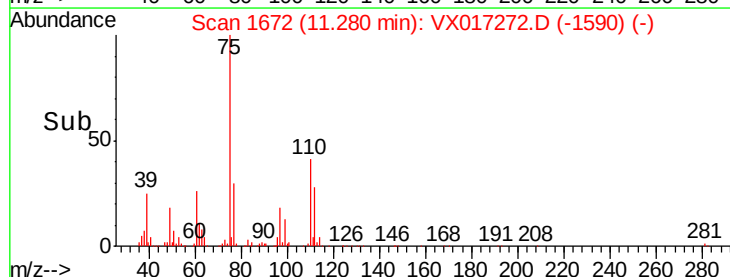
75 100

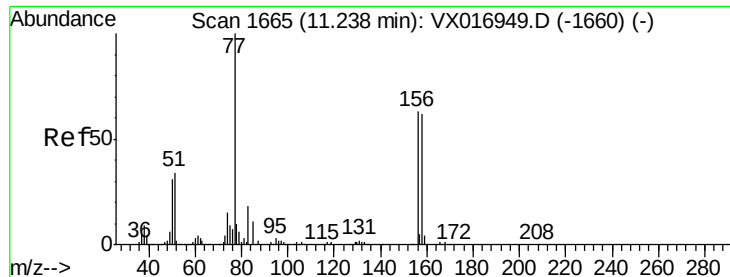
77 31.2 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 16.804 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

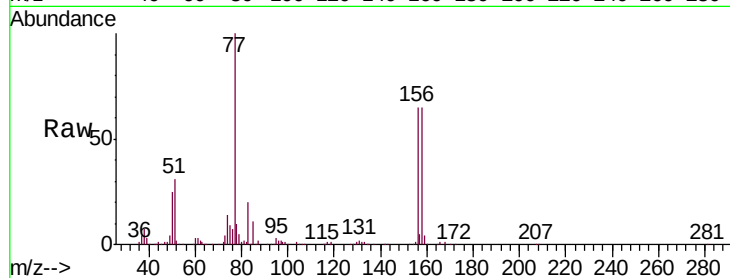
Tgt Ion:156 Resp: 68121

Ion Ratio Lower Upper

156 100

77 149.3 0.0 317.2

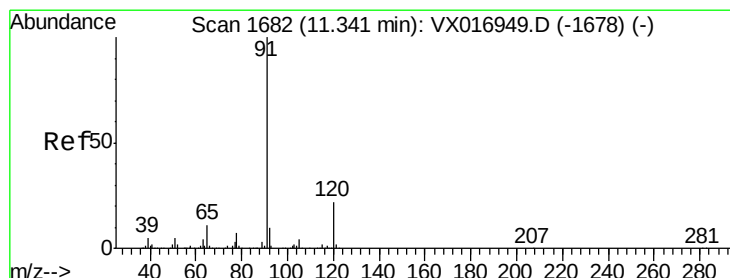
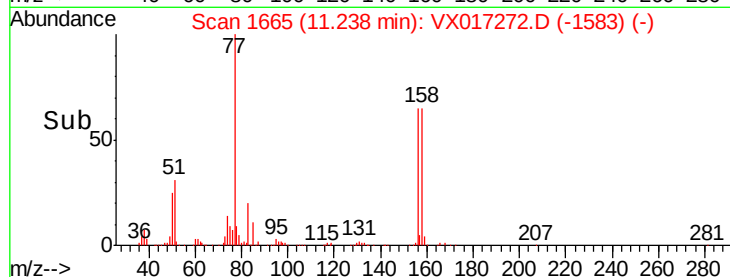
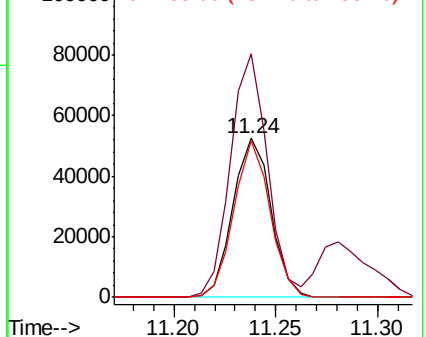
158 93.9 0.0 188.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 13.792 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017272.D

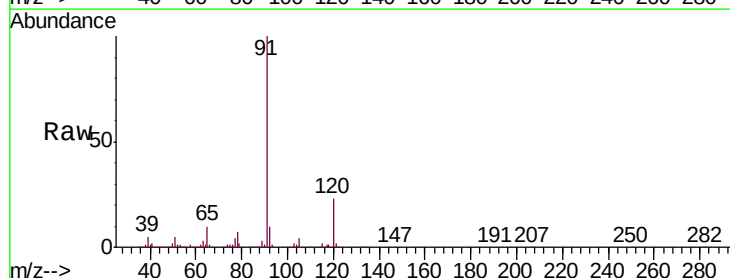
Acq: 08 Jul 2020 21:53

Tgt Ion: 91 Resp: 263038

Ion Ratio Lower Upper

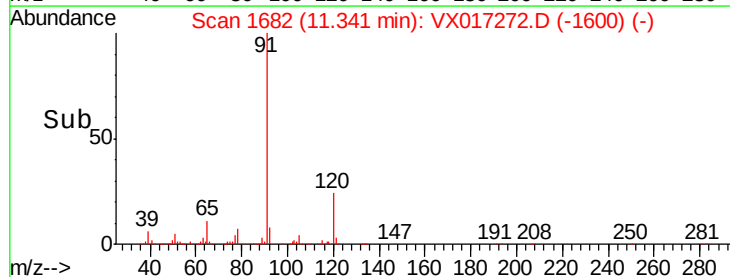
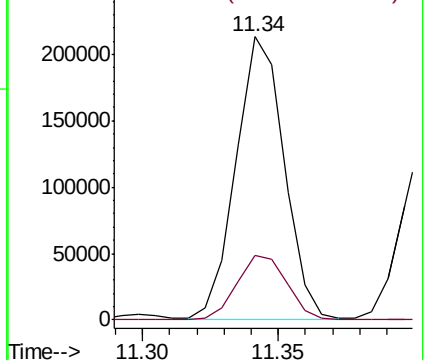
91 100

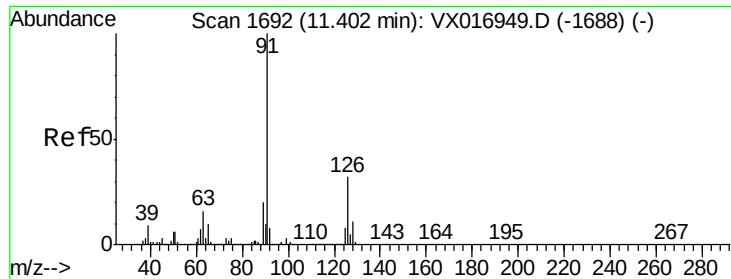
120 23.7 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

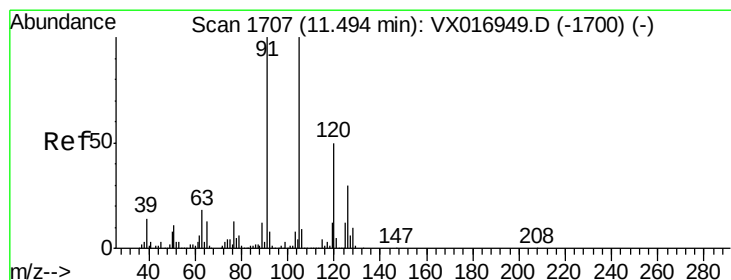
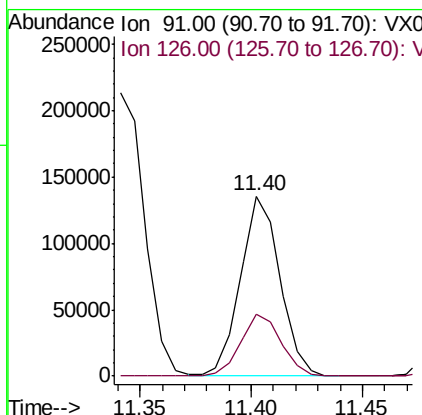
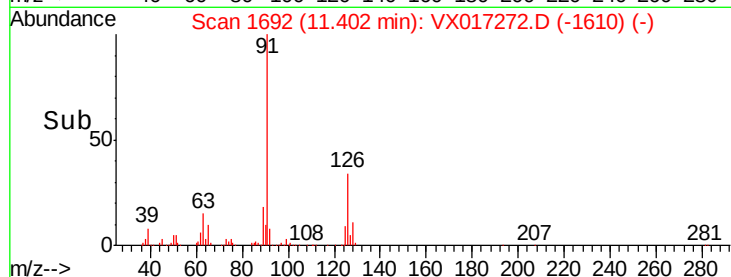
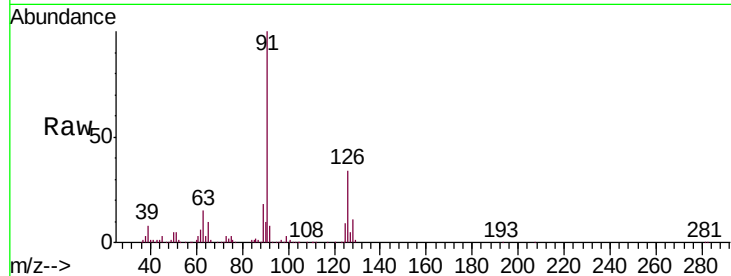




#75
 2-Chlorotoluene
 Concen: 15.088 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

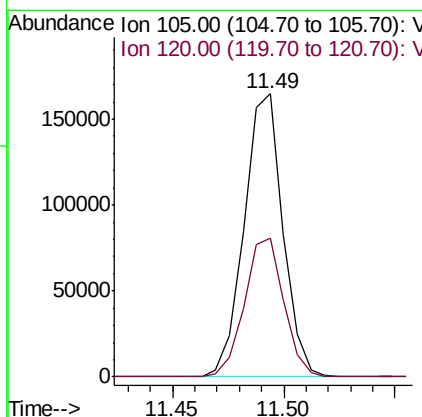
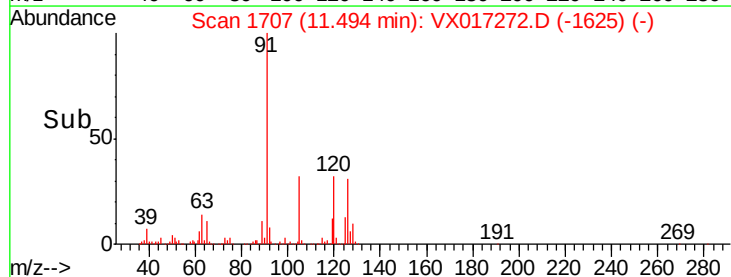
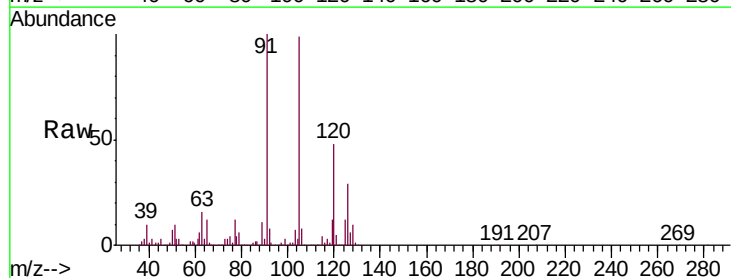
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

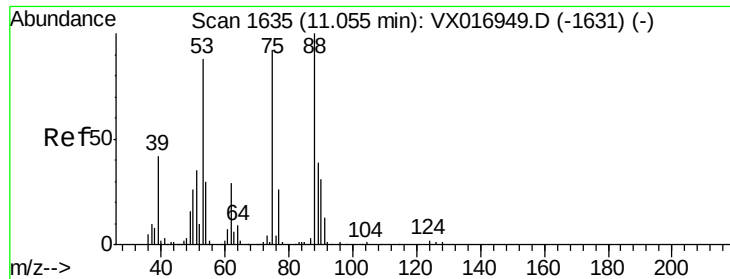
Tgt Ion: 91 Resp: 167809
 Ion Ratio Lower Upper
 91 100
 126 35.1 0.0 68.0



#76
 1,3,5-Trimethylbenzene
 Concen: 14.859 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion: 105 Resp: 200342
 Ion Ratio Lower Upper
 105 100
 120 49.8 0.0 99.4

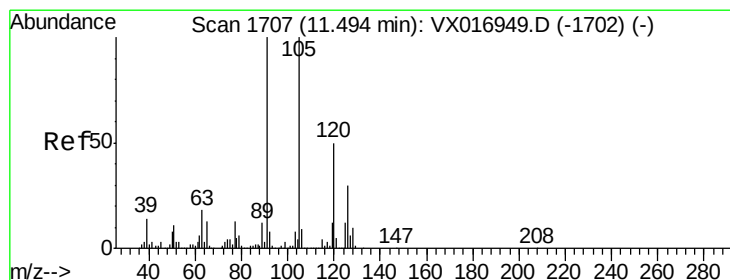
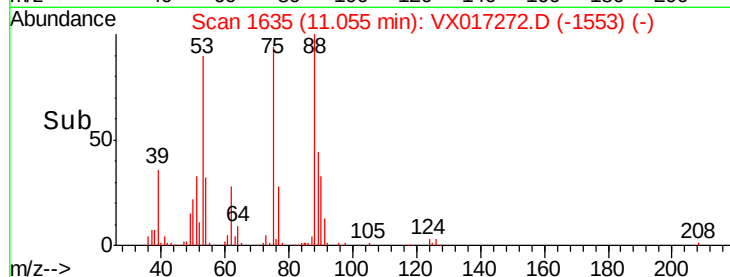
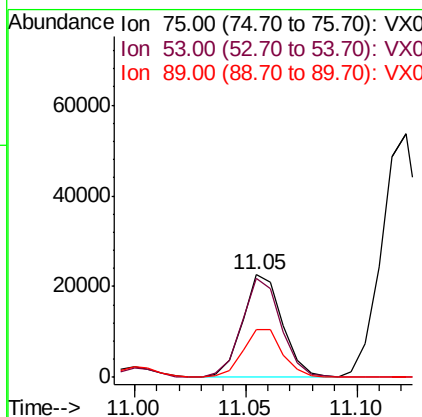
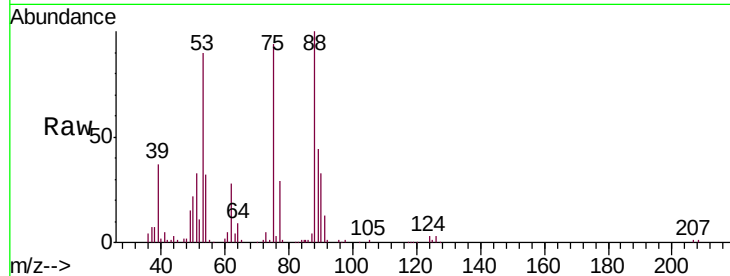




#77
t-1,4-Dichloro-2-butene
Concen: 14.743 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

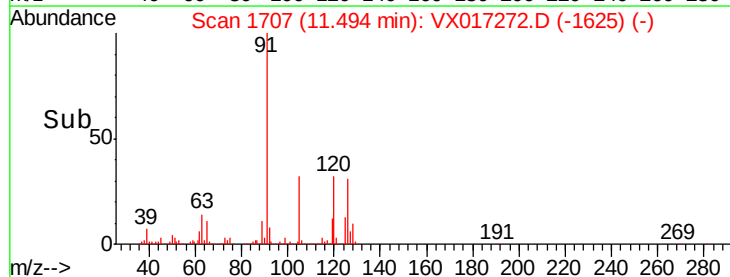
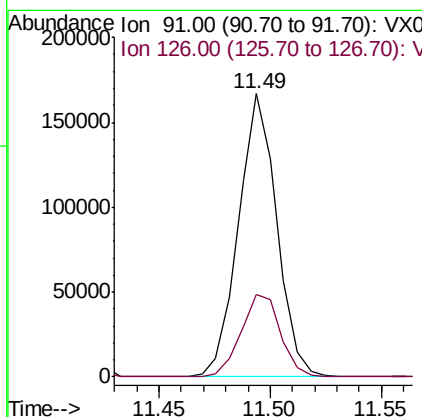
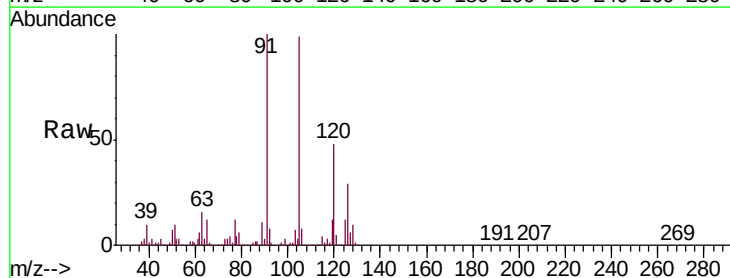
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

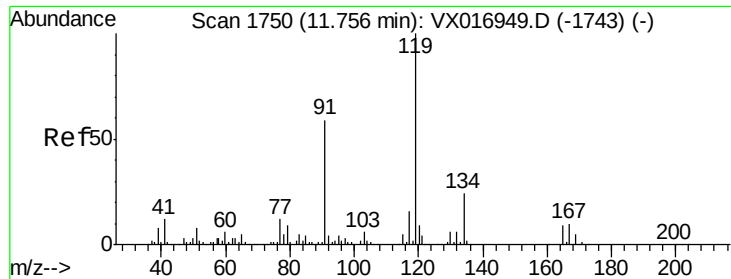
Tgt Ion: 75 Resp: 28306
Ion Ratio Lower Upper
75 100
53 96.4 47.6 142.9
89 46.4 21.1 63.4



#78
4-Chlorotoluene
Concen: 15.135 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion: 91 Resp: 199306
Ion Ratio Lower Upper
91 100
126 30.1 0.0 60.6

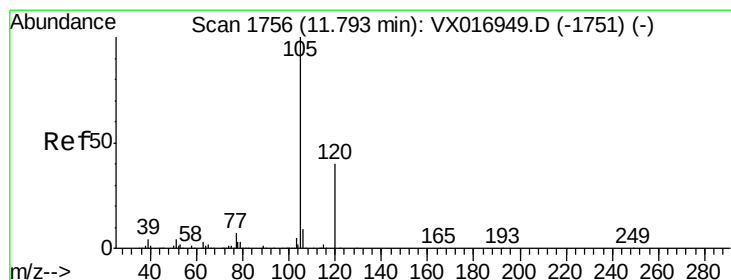
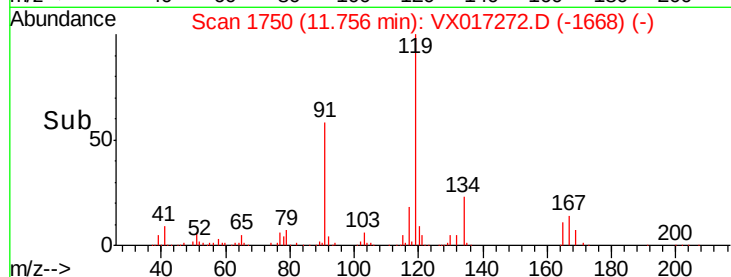
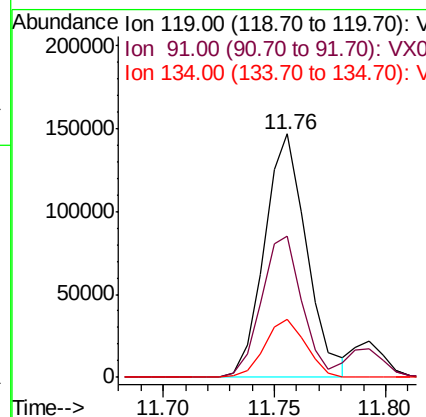
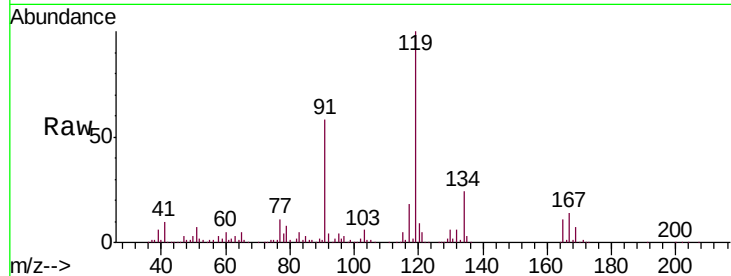




#79
tert-butylbenzene
Concen: 14.955 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

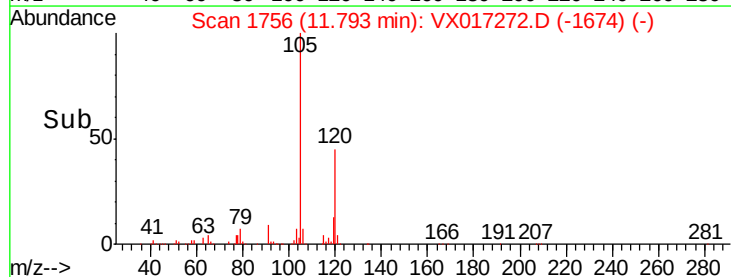
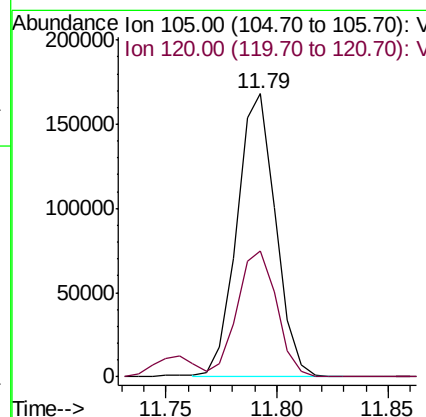
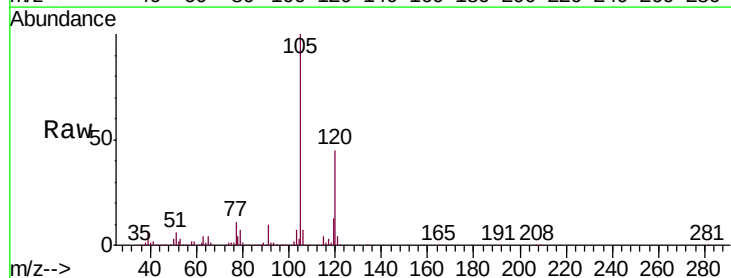
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

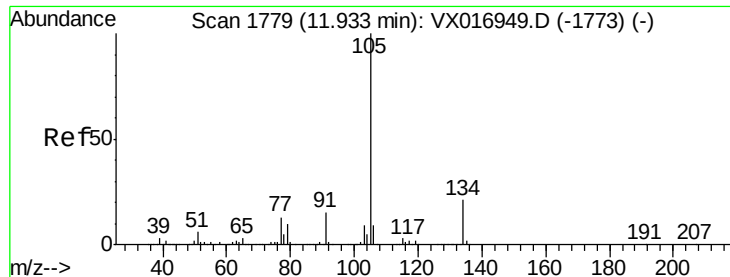
Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.7	0.0	115.2
134	23.2	0.0	45.8



#80
1,2,4-Trimethylbenzene
Concen: 15.026 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017272.D
Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.0	89.8





#81

sec-Butylbenzene

Concen: 13.582 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

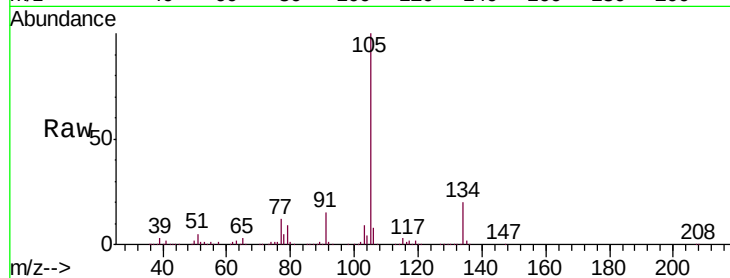
VSTDCCC020

Tgt Ion:105 Resp: 212395

Ion Ratio Lower Upper

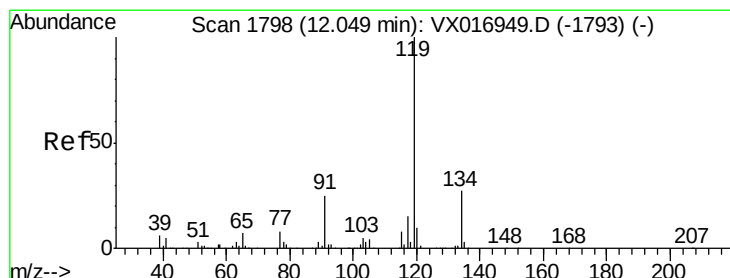
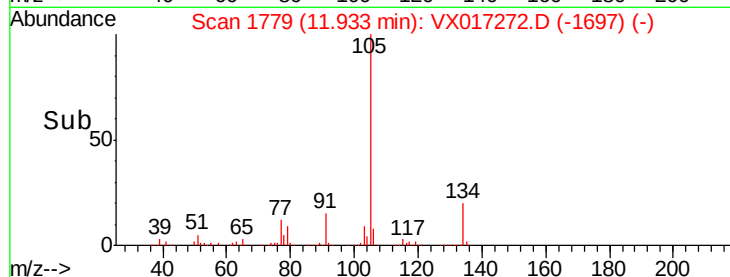
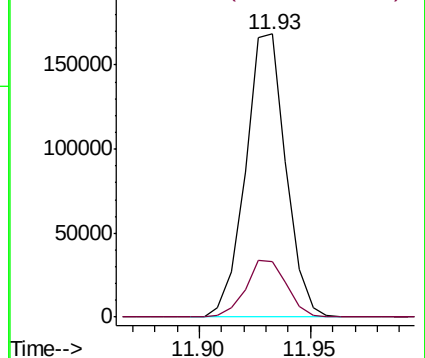
105 100

134 20.6 0.0 41.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 14.223 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

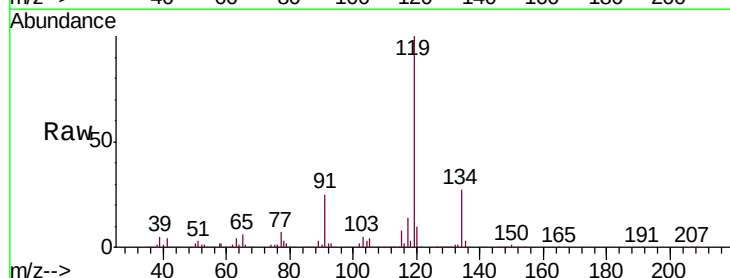
Tgt Ion:119 Resp: 200834

Ion Ratio Lower Upper

119 100

134 27.0 0.0 53.0

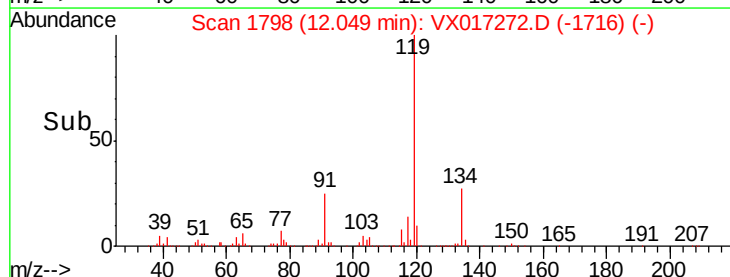
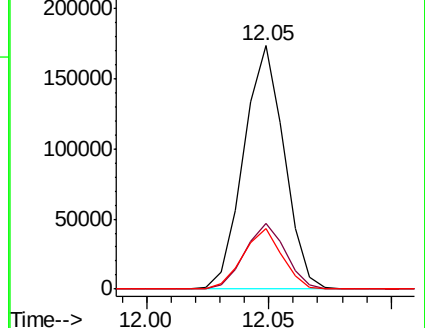
91 24.0 0.0 49.0

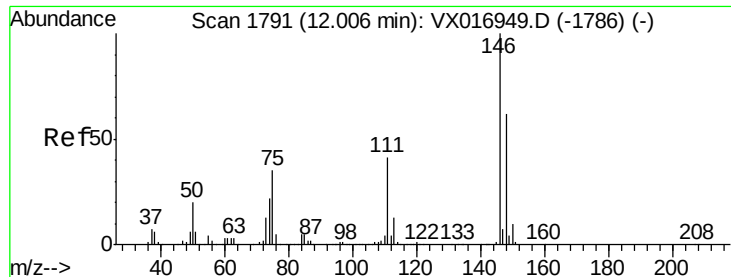


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

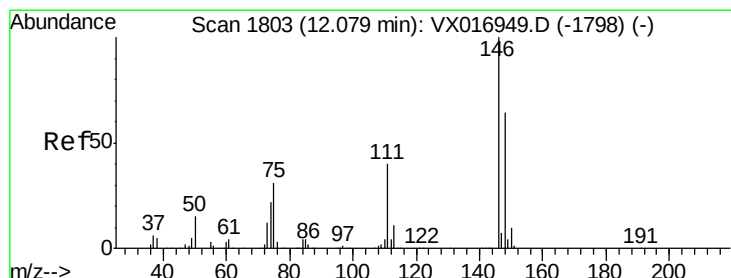
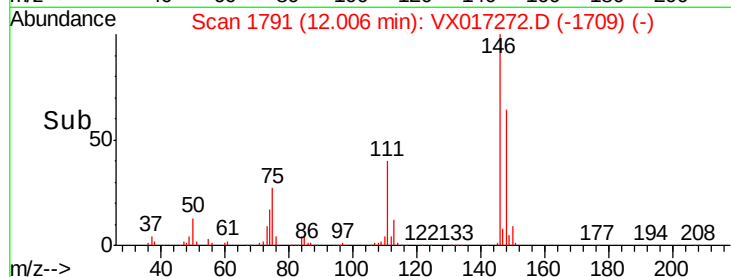
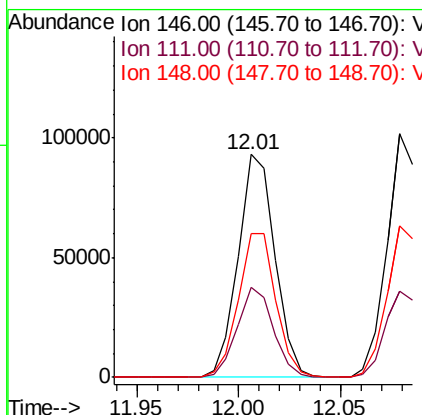
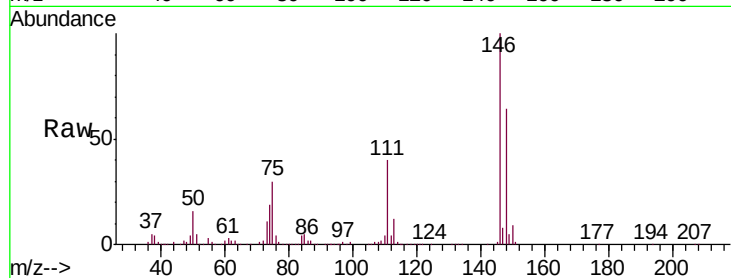




#83
 1,3-Dichlorobenzene
 Concen: 16.124 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

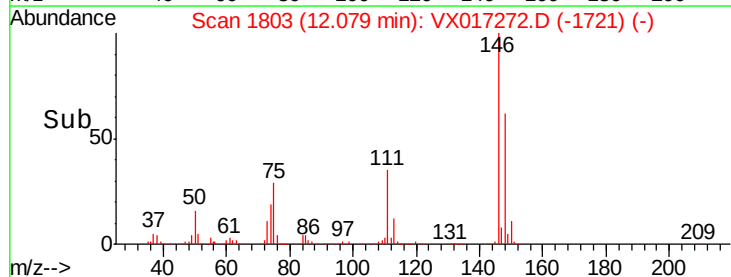
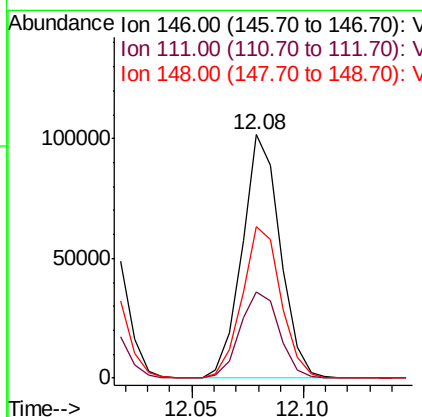
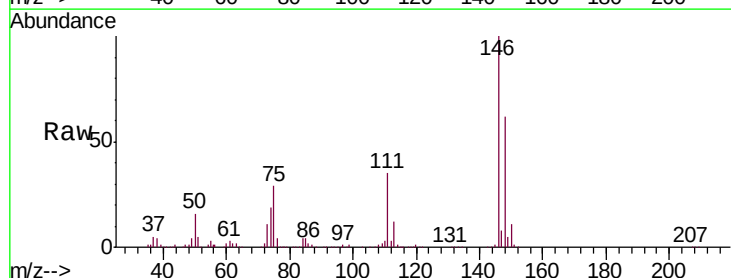
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

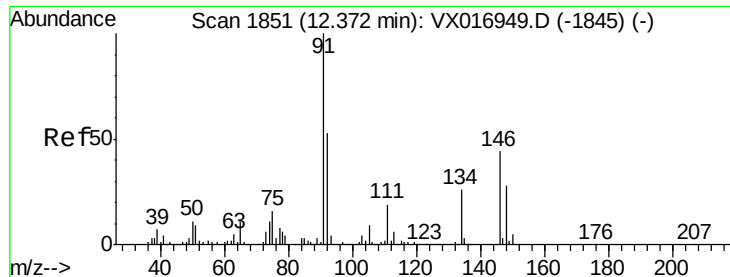
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.5	58.5
148	65.9	31.8	95.4



#84
 1,4-Dichlorobenzene
 Concen: 16.564 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.4	58.2
148	63.9	32.1	96.3





#85

n-Butylbenzene

Concen: 12.566 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

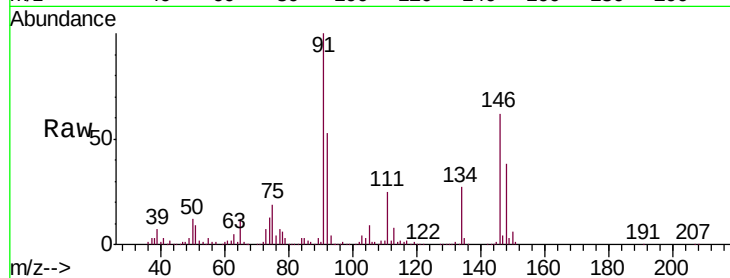
Tgt Ion: 91 Resp: 164232

Ion Ratio Lower Upper

91 100

92 53.0 0.0 105.8

134 27.4 0.0 52.2

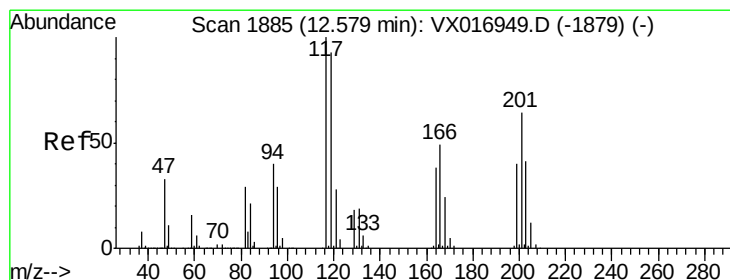
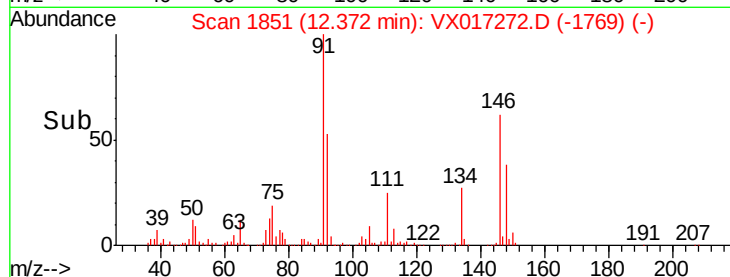
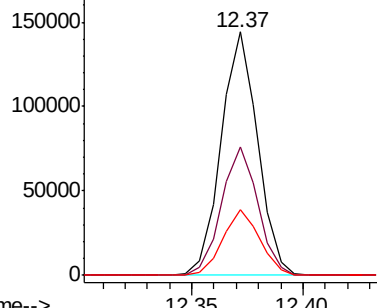


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#86

Hexachloroethane

Concen: 14.233 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017272.D

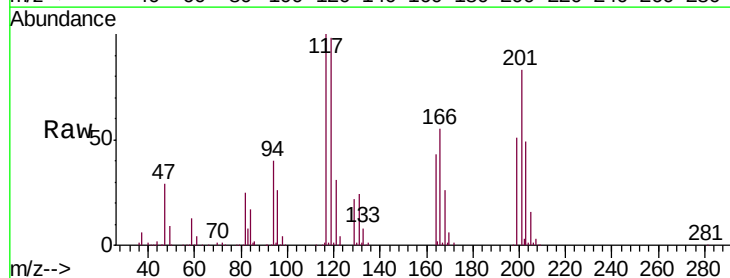
Acq: 08 Jul 2020 21:53

Tgt Ion: 117 Resp: 39330

Ion Ratio Lower Upper

117 100

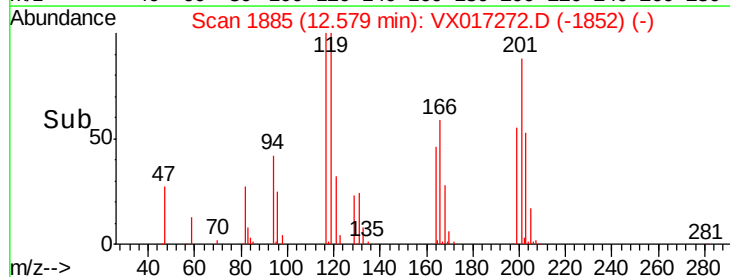
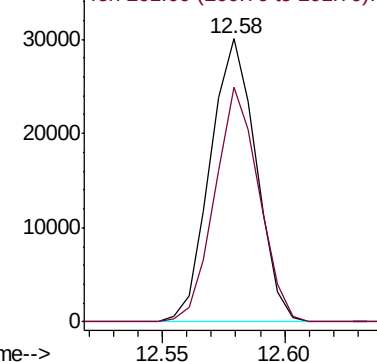
201 80.0 34.6 103.9

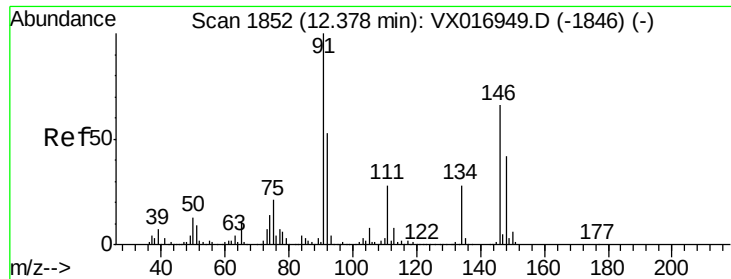


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

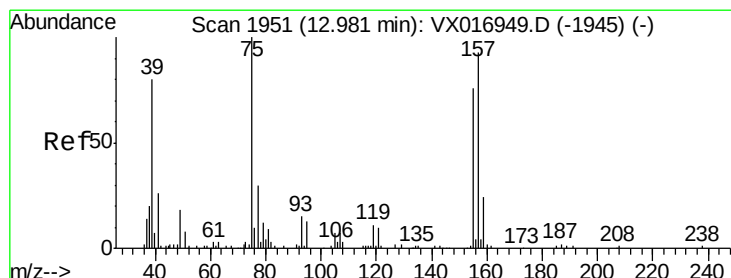
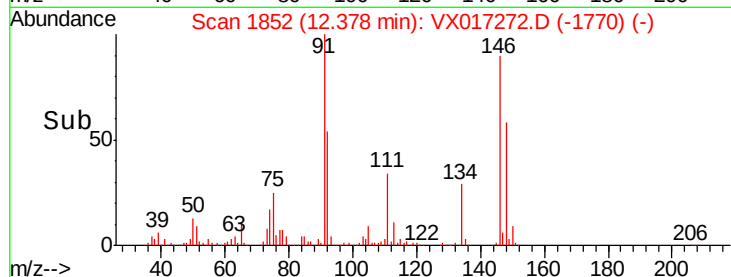
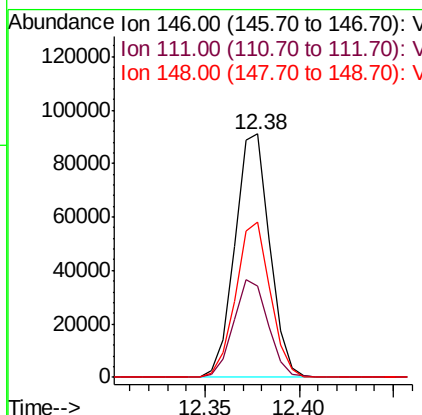
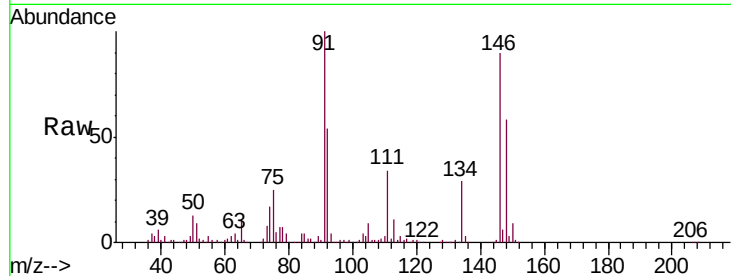




#87
 1,2-Dichlorobenzene
 Concen: 17.173 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

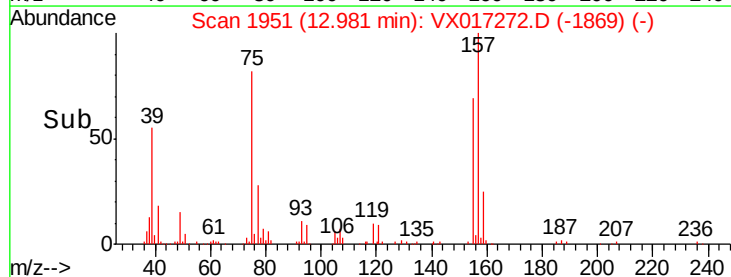
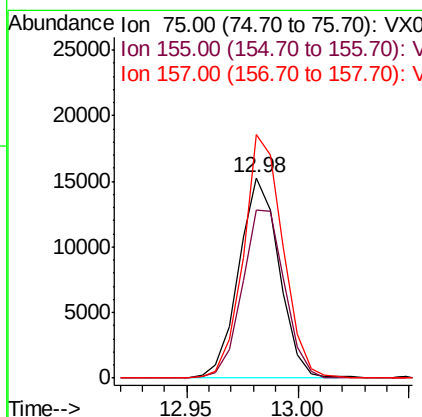
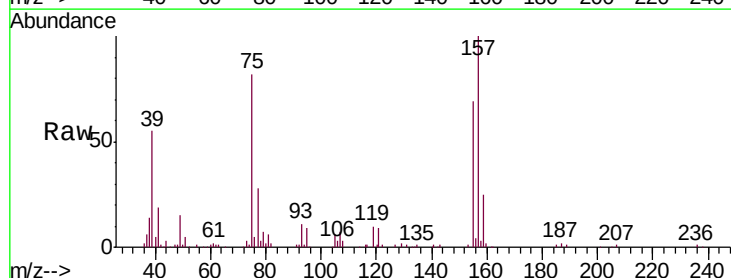
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

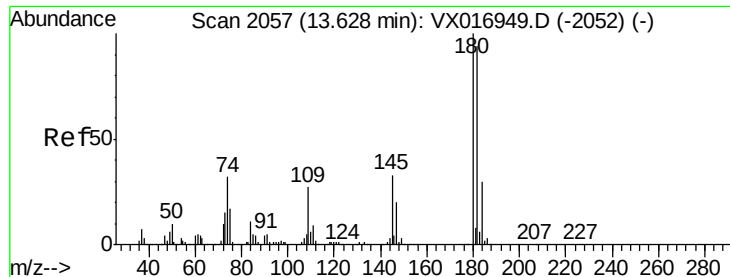
Tgt Ion:146 Resp: 116774
 Ion Ratio Lower Upper
 146 100
 111 39.9 21.1 63.1
 148 63.2 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.245 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017272.D
 Acq: 08 Jul 2020 21:53

Tgt Ion: 75 Resp: 19355
 Ion Ratio Lower Upper
 75 100
 155 87.4 65.0 97.6
 157 118.1 83.0 124.4





#89

1,2,4-Trichlorobenzene

Concen: 16.033 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

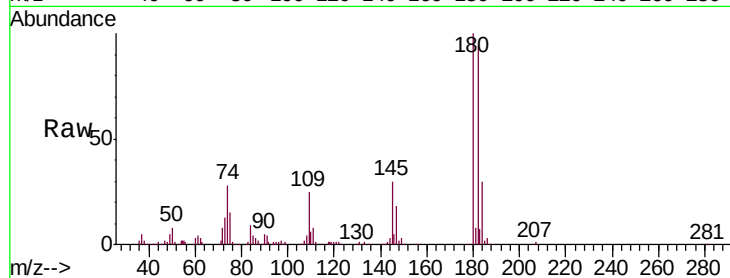
Tgt Ion:180 Resp: 73552

Ion Ratio Lower Upper

180 100

182 96.2 77.7 116.5

145 31.3 26.2 39.2

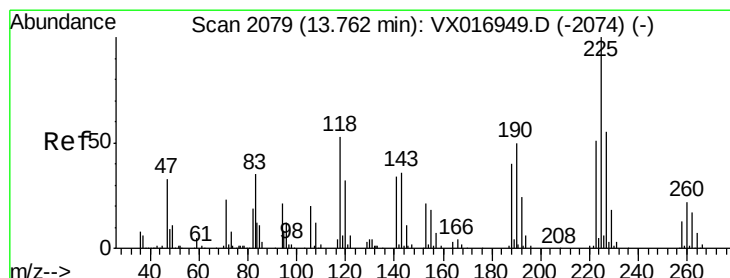
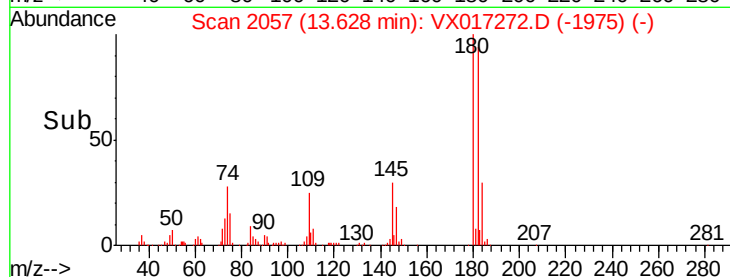
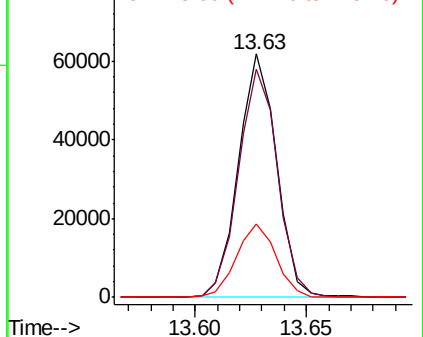


Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90

Hexachlorobutadiene

Concen: 14.840 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

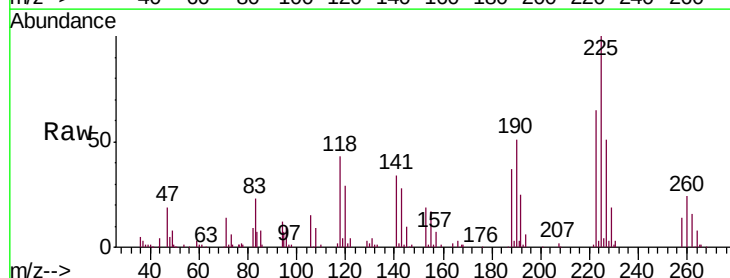
Tgt Ion:225 Resp: 25898

Ion Ratio Lower Upper

225 100

223 62.9 0.0 125.0

227 60.3 0.0 124.0

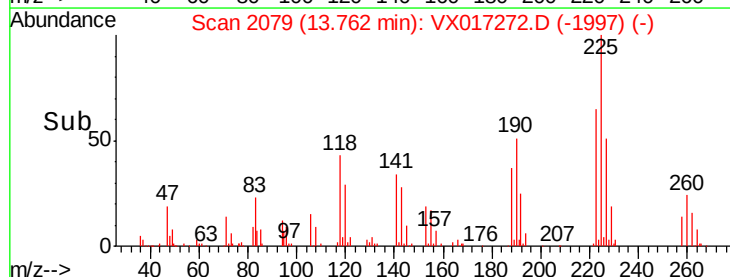
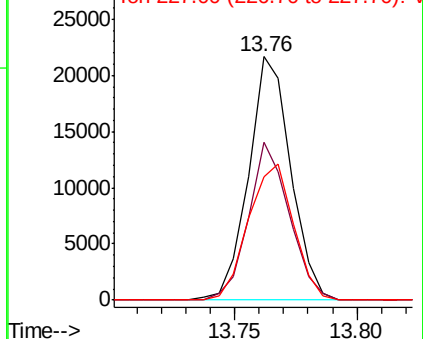


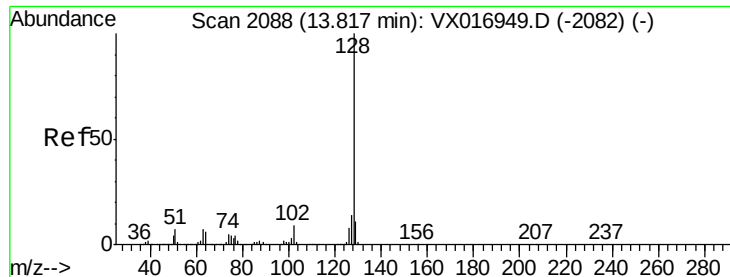
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 16.197 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

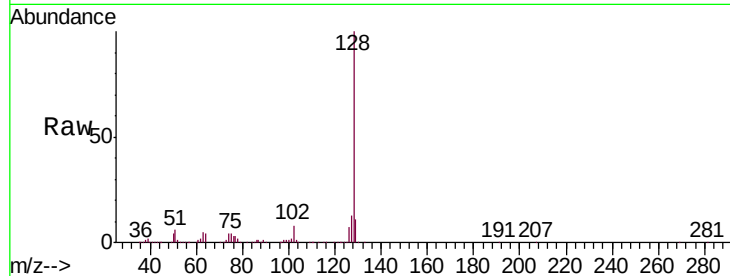
Tgt Ion:128 Resp: 243563

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

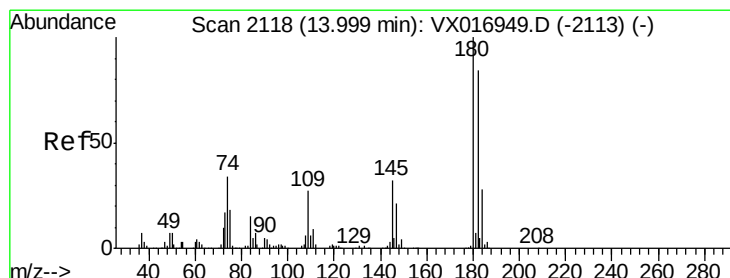
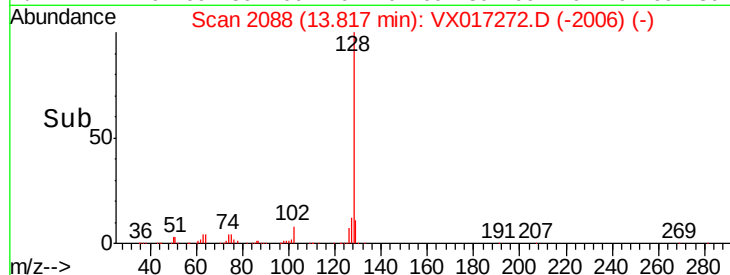
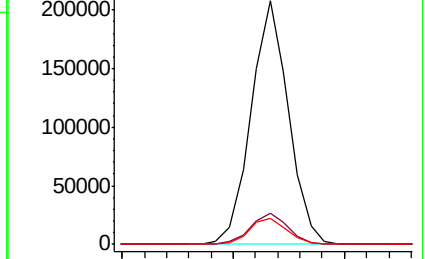
129 10.8 9.0 13.4



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



#92

1,2,3-Trichlorobenzene

Concen: 16.613 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017272.D

Acq: 08 Jul 2020 21:53

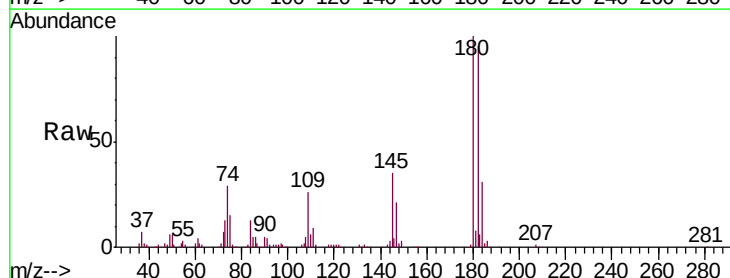
Tgt Ion:180 Resp: 74378

Ion Ratio Lower Upper

180 100

182 95.3 0.0 184.8

145 33.6 0.0 68.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

