

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072820\
 Data File : VX017663.D
 Acq On : 28 Jul 2020 19:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 29 02:30:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	604222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	950099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	913539	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	479080	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	386385	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
35) Dibromofluoromethane	5.47	113	298543	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
50) Toluene-d8	8.70	98	1093558	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	11.12	95	434315	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	282821	50.461	ug/l	99
3) Chloromethane	1.31	50	323359	43.344	ug/l	99
4) Vinyl Chloride	1.39	62	320679	42.176	ug/l	96
5) Bromomethane	1.62	94	196473	47.951	ug/l	97
6) Chloroethane	1.71	64	194427	46.316	ug/l	95
7) Trichlorofluoromethane	1.92	101	530865	44.389	ug/l	99
8) Diethyl Ether	2.17	74	182076	46.875	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	269288	41.032	ug/l	99
10) Methyl Iodide	2.50	142	329511	39.245	ug/l	96
11) Tert butyl alcohol	3.02	59	355310	217.208	ug/l	99
12) 1,1-Dichloroethene	2.36	96	266725	42.738	ug/l	95
13) Acrolein	2.27	56	298058	238.842	ug/l	100
14) Allyl chloride	2.71	41	521825	45.791	ug/l	99
15) Acrylonitrile	3.12	53	841606	238.204	ug/l	100
16) Acetone	2.42	43	760969	222.759	ug/l	94
17) Carbon Disulfide	2.55	76	754358	39.767	ug/l	98
18) Methyl Acetate	2.75	43	383484	47.665	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1000763	46.329	ug/l	100
20) Methylene Chloride	2.84	84	319315	49.621	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	300255	44.909	ug/l	97
22) Diisopropyl ether	3.83	45	988311	47.431	ug/l	96
23) Vinyl Acetate	3.79	43	4467766	240.478	ug/l	100
24) 1,1-Dichloroethane	3.67	63	565158	47.084	ug/l	98
25) 2-Butanone	4.64	43	1184074	243.991	ug/l	99
26) 2,2-Dichloropropane	4.56	77	487997	45.418	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	349250	48.094	ug/l	97
28) Bromochloromethane	4.98	49	265178	48.752	ug/l	97
29) Tetrahydrofuran	5.09	42	749050	249.182	ug/l	100
30) Chloroform	5.18	83	591996	48.269	ug/l	98
31) Cyclohexane	5.55	56	470403	49.144	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	552796	47.798	ug/l	99
36) 1,1-Dichloropropene	5.78	75	430635	47.259	ug/l	100
37) Ethyl Acetate	4.80	43	467457	46.885	ug/l	99
38) Carbon Tetrachloride	5.76	117	511098	46.188	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	470165	44.199	ug/l	100
40) Benzene	6.12	78	1228572	47.027	ug/l	100
41) Methacrylonitrile	5.01	41	260358	45.558	ug/l	98
42) 1,2-Dichloroethane	6.17	62	504743	47.226	ug/l	99
43) Isopropyl Acetate	6.42	43	771661	46.909	ug/l	99
44) Trichloroethene	7.19	130	360311	47.194	ug/l	95
45) 1,2-Dichloropropane	7.49	63	327999	45.290	ug/l	99
46) Dibromomethane	7.64	93	228781	44.700	ug/l	98
47) Bromodichloromethane	7.88	83	484064	47.004	ug/l	99
48) Methyl methacrylate	7.75	41	382985	46.967	ug/l	98
49) 1,4-Dioxane	7.71	88	132478	847.387	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2393195	243.823	ug/l	99
52) Toluene	8.77	92	817455	48.791	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	548177	47.551	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	558465	47.494	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	331740	47.531	ug/l	99
56) Ethyl methacrylate	9.16	69	524390	49.871	ug/l	99
57) 1,3-Dichloropropane	9.35	76	545471	47.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1302748	235.163	ug/l	99
59) 2-Hexanone	9.48	43	1832217	247.938	ug/l	99
60) Dibromochloromethane	9.57	129	415610	46.851	ug/l	100
61) 1,2-Dibromoethane	9.65	107	363996	48.986	ug/l	99
64) Tetrachloroethene	9.32	164	353105	43.065	ug/l	99
65) Chlorobenzene	10.12	112	902188	45.626	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	368573	46.185	ug/l	100
67) Ethyl Benzene	10.24	91	1581743	47.920	ug/l	100
68) m/p-Xylenes	10.34	106	1207457	94.428	ug/l	98
69) o-Xylene	10.68	106	574149	46.685	ug/l	99
70) Styrene	10.70	104	997802	47.686	ug/l	100
71) Bromoform	10.84	173	325717	47.109	ug/l #	99
73) Isopropylbenzene	11.00	105	1569947	47.769	ug/l	100
74) N-amyl acetate	10.88	43	700824	47.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	471304	45.943	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	597614	60.641	ug/l	81
77) Bromobenzene	11.24	156	422539	45.924	ug/l	99
78) n-propylbenzene	11.35	91	1772642	47.822	ug/l	99
79) 2-Chlorotoluene	11.40	91	1057424	46.052	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1328275	47.335	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	175721	44.930	ug/l	99
82) 4-Chlorotoluene	11.49	91	1267787	46.806	ug/l	100
83) tert-Butylbenzene	11.76	119	1299101	48.383	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1362970	48.834	ug/l	99
85) sec-Butylbenzene	11.93	105	1483657	47.433	ug/l	100
86) p-Isopropyltoluene	12.05	119	1413101	47.440	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	715856	45.307	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	749956	45.824	ug/l	98
89) n-Butylbenzene	12.37	91	1201685	45.275	ug/l	99
90) Hexachloroethane	12.58	117	262385	44.680	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	708689	45.637	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	123568	42.975	ug/l	99

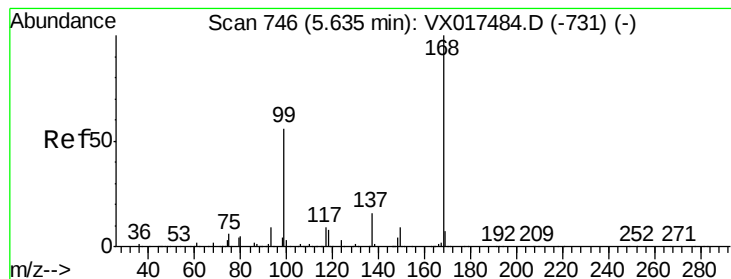
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	518285	48.903	ug/l	96
94) Hexachlorobutadiene	13.77	225	186583	38.246	ug/l	97
95) Naphthalene	13.82	128	1632386	51.596	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	500255	47.805	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

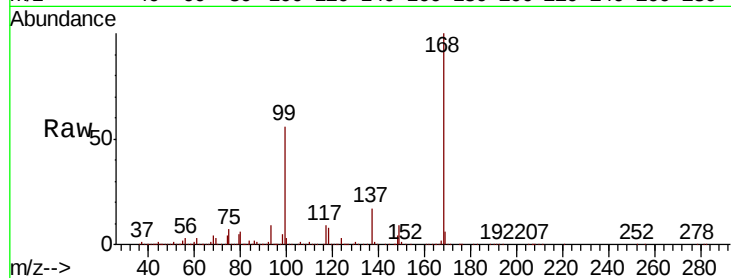
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 604222

Ion Ratio Lower Upper

168 100

99 55.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

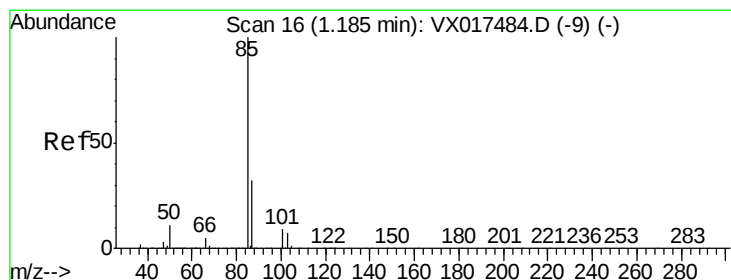
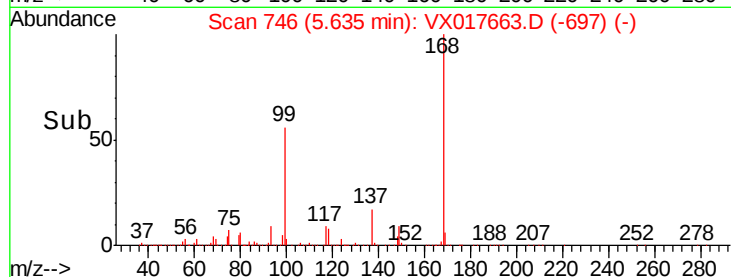
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.461 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017663.D

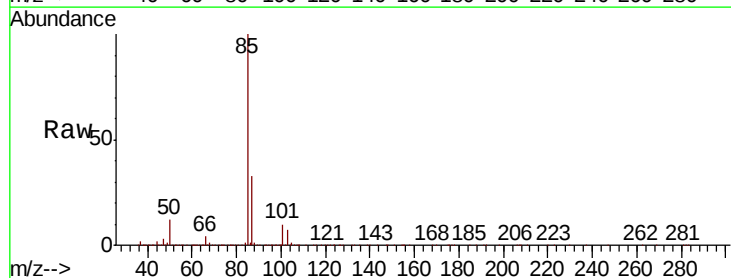
Acq: 28 Jul 2020 19:06

Tgt Ion: 85 Resp: 282821

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

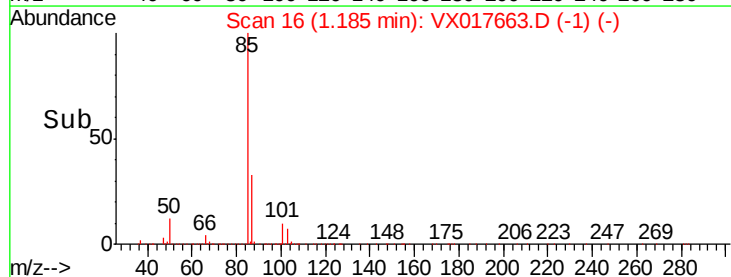
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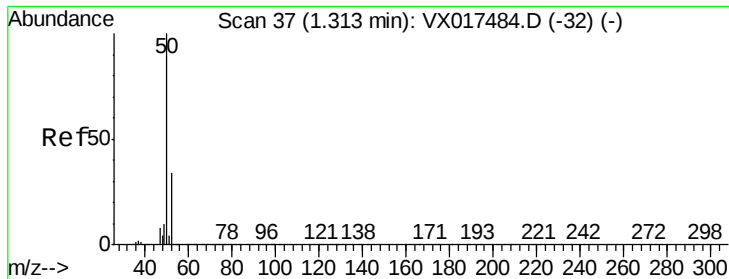
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.344 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

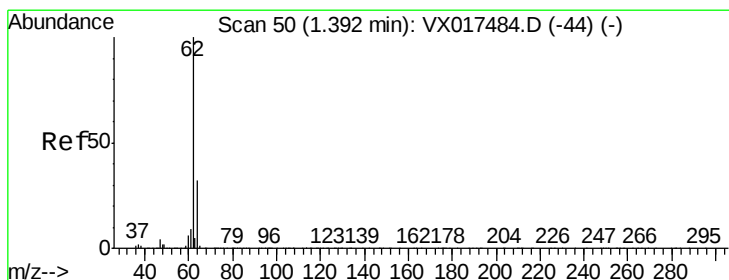
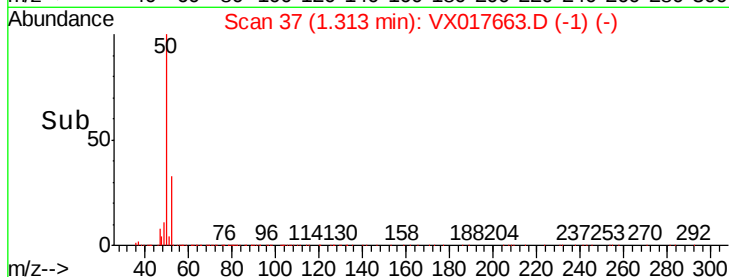
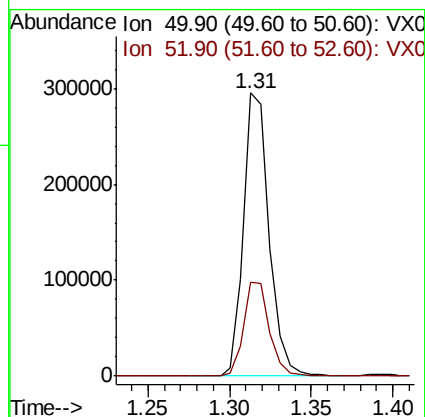
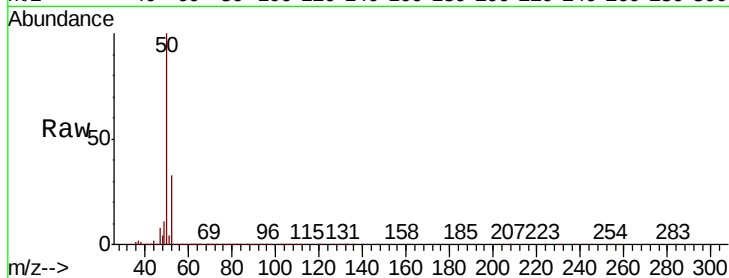
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 323359

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 42.176 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017663.D

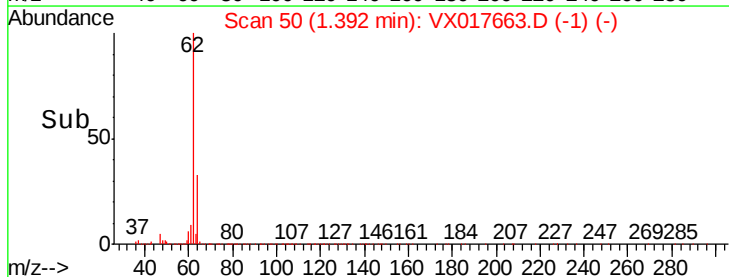
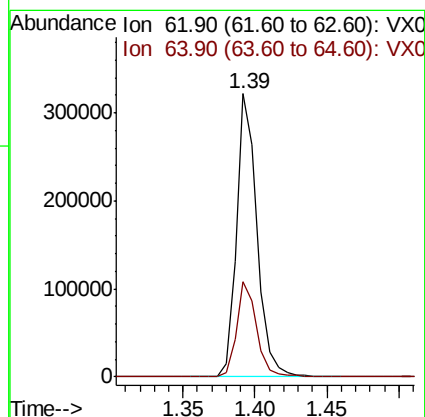
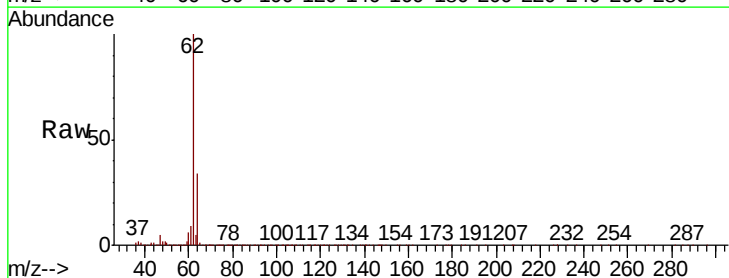
Acq: 28 Jul 2020 19:06

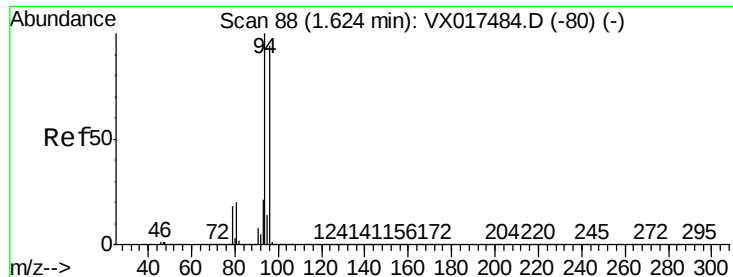
Tgt Ion: 62 Resp: 320679

Ion Ratio Lower Upper

62 100

64 33.5 25.2 37.8





#5

Bromomethane

Concen: 47.951 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

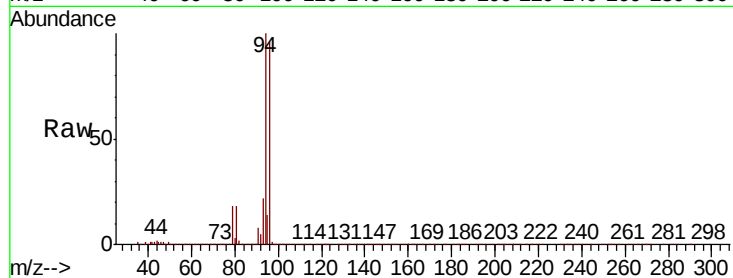
ClientSampleId :

Tot Ion: 94 Resp: 196473

Ion Ratio Lower Upper

94 100

96 95.7 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

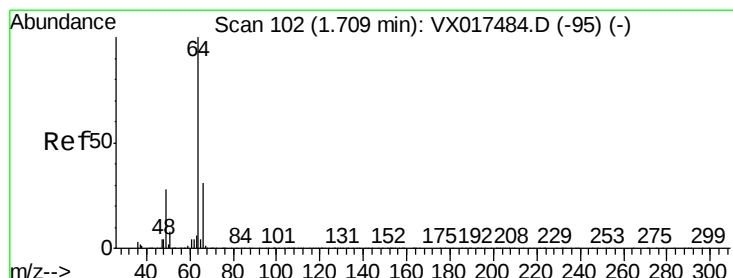
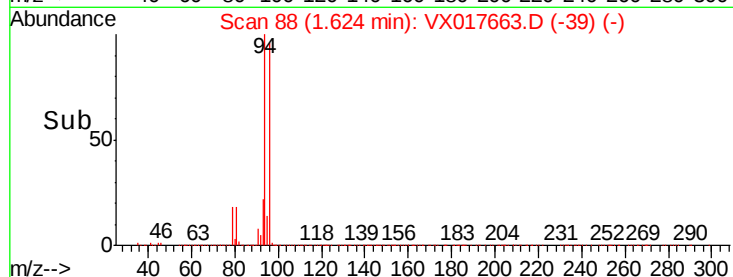
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 46.316 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017663.D

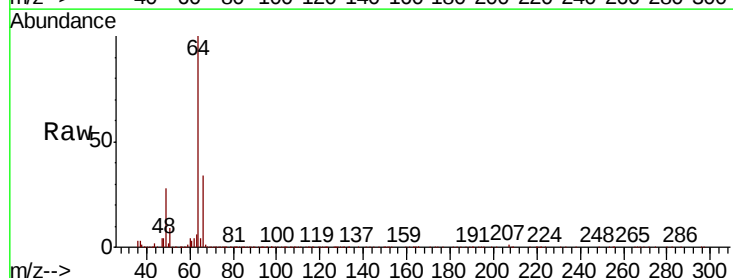
Acq: 28 Jul 2020 19:06

Tgt Ion: 64 Resp: 194427

Ion Ratio Lower Upper

64 100

66 33.7 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

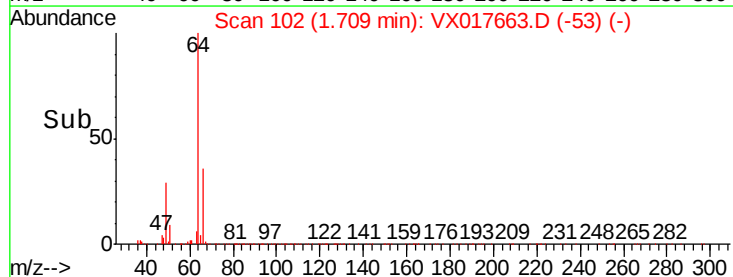
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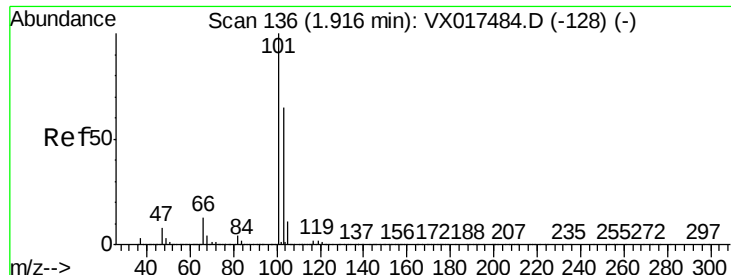
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Time-->



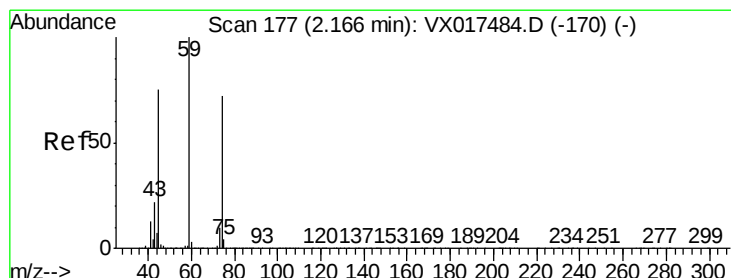
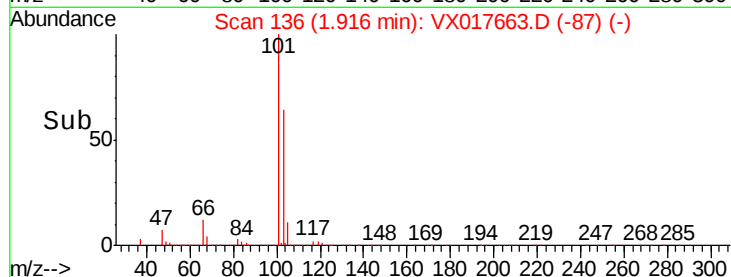
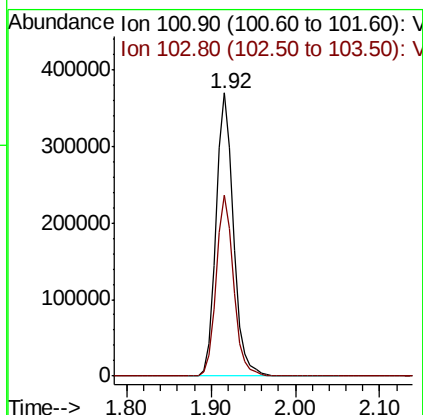
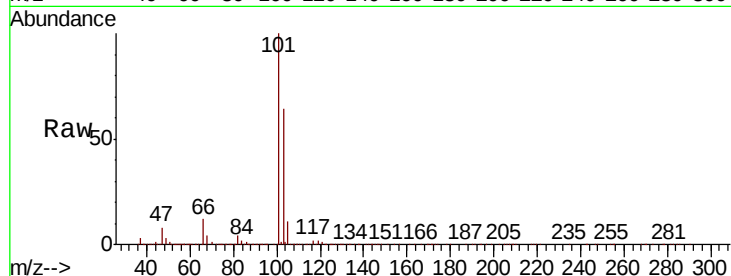


#7

Trichlorofluoromethane
Concen: 44.389 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017663.D
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MSVOA_X
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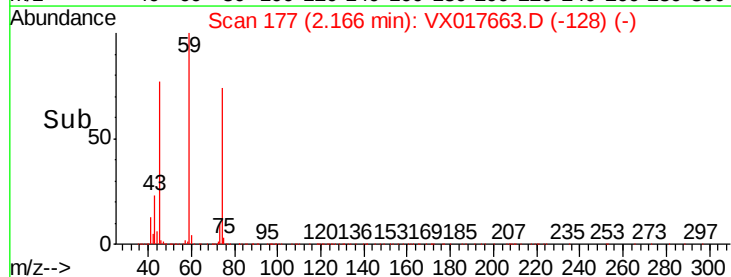
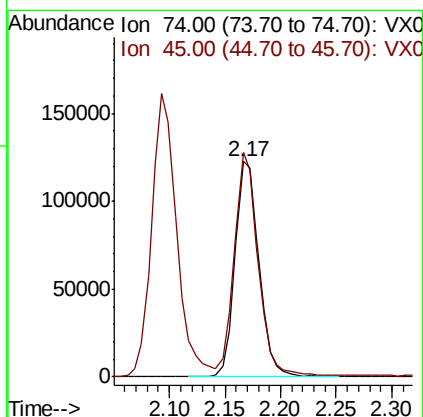
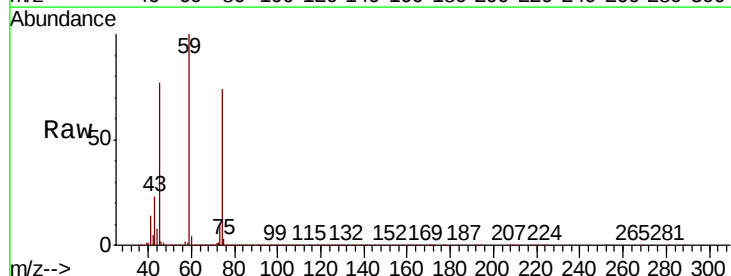
Tot Ion:101 Resp: 530865
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

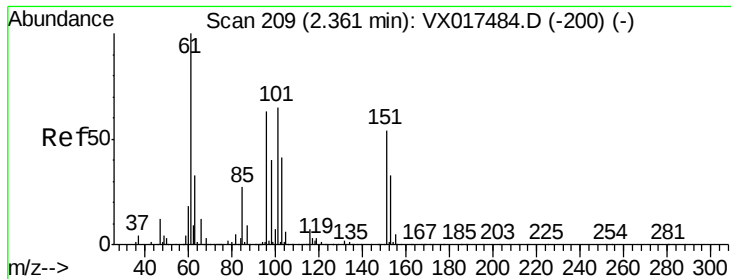


#8

Diethyl Ether
Concen: 46.875 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 74 Resp: 182076
Ion Ratio Lower Upper
74 100
45 101.6 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.032 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

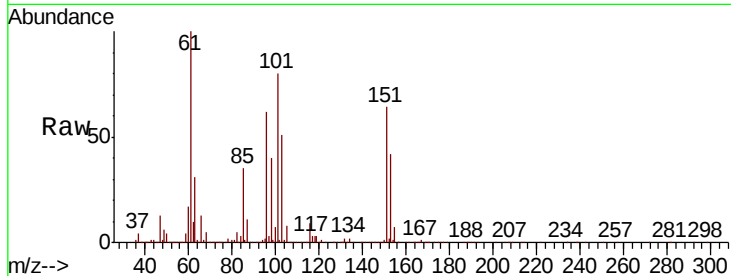
Tot Ion:101 Resp: 269288

Ion Ratio Lower Upper

101 100

85 44.9 34.8 52.2

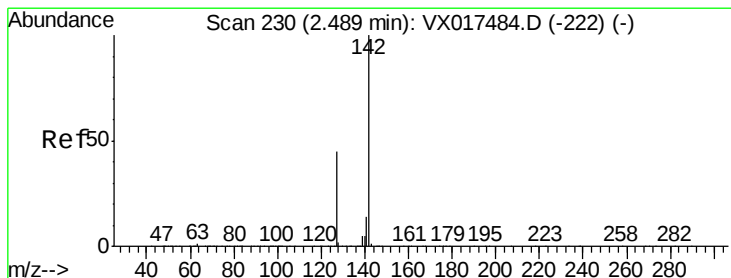
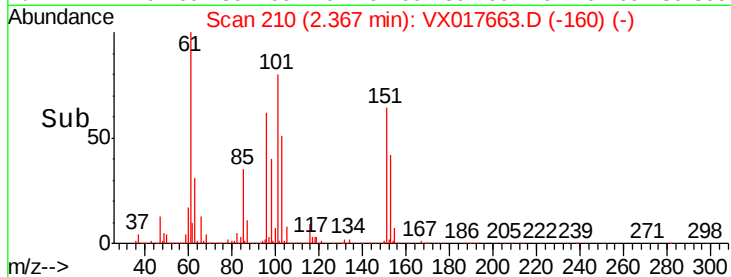
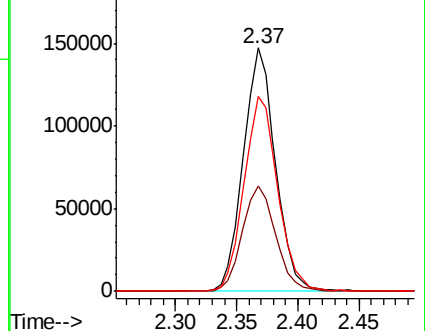
151 84.0 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.245 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

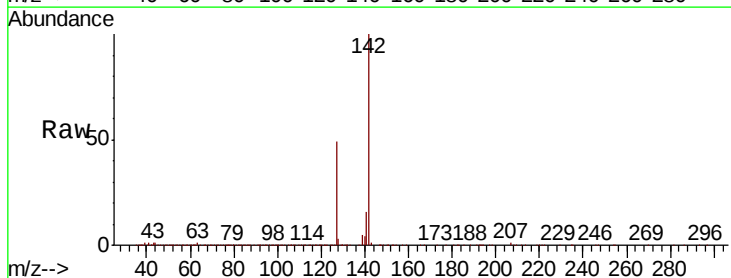
Tgt Ion:142 Resp: 329511

Ion Ratio Lower Upper

142 100

127 47.8 35.9 53.9

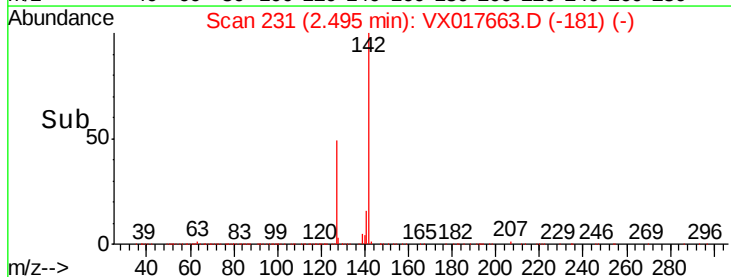
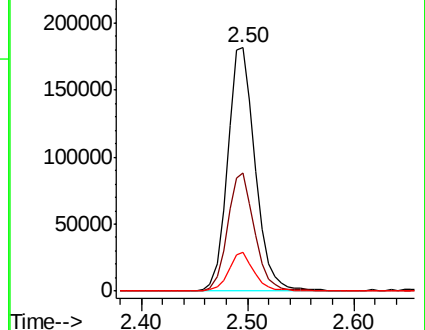
141 14.7 11.4 17.0

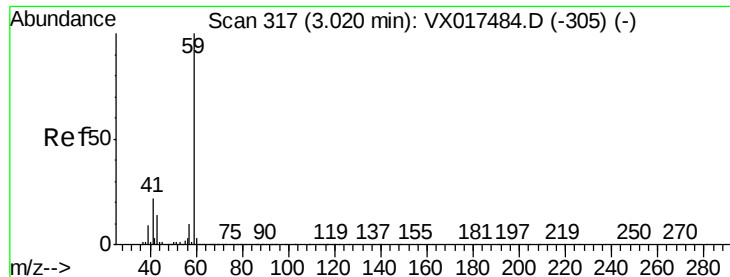


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



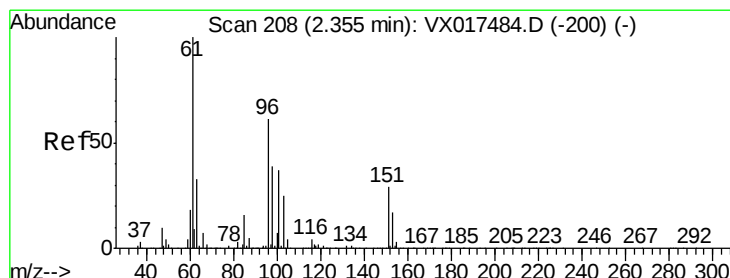
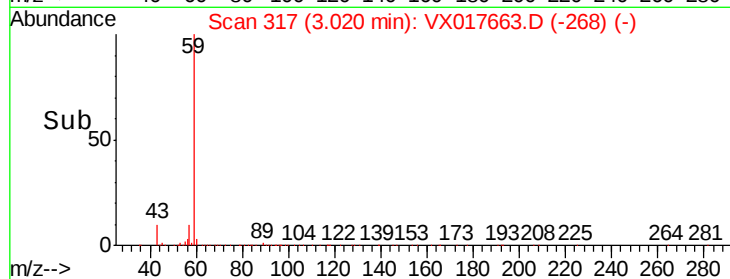
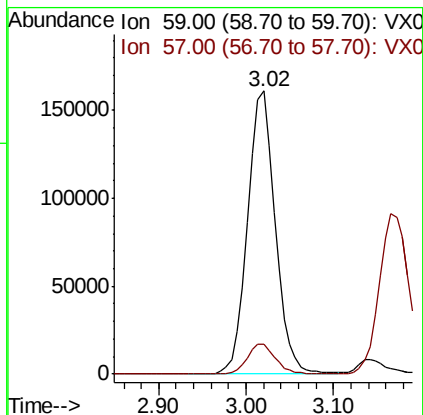
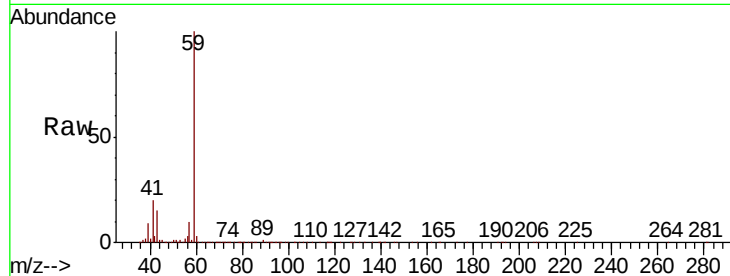


#11

Tert butyl alcohol
Concen: 217.208 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampled :

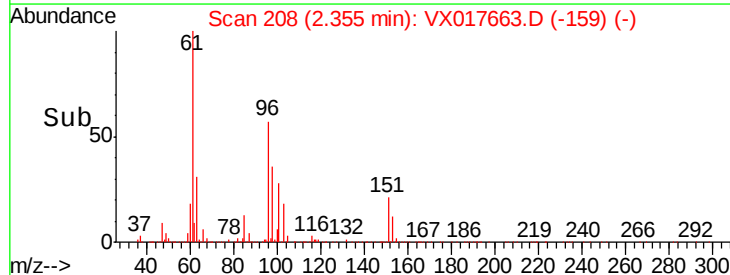
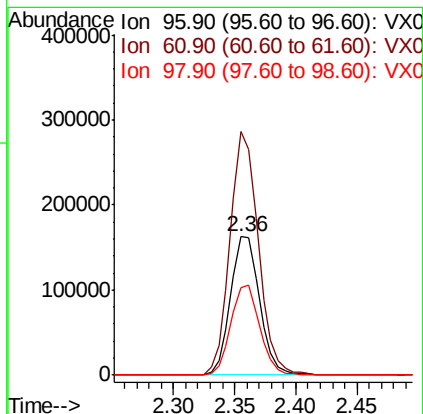
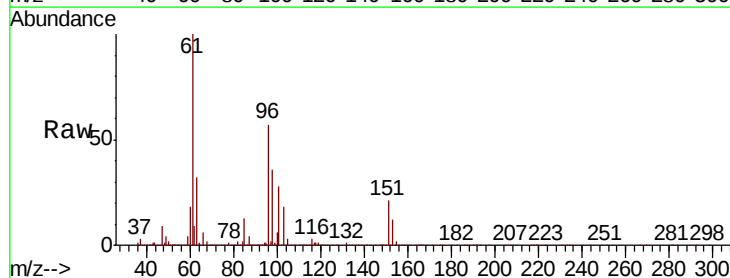
Tot Ion: 59 Resp: 355310
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

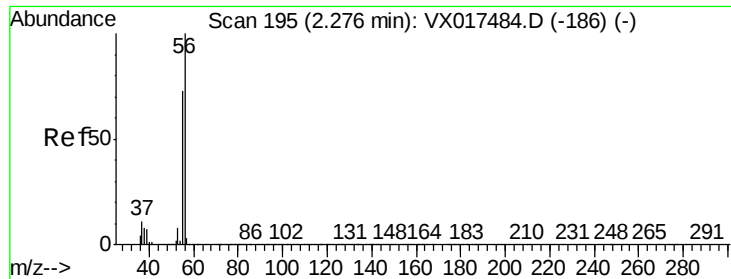


#12

1,1-Dichloroethene
Concen: 42.738 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 96 Resp: 266725
Ion Ratio Lower Upper
96 100
61 176.3 134.0 201.0
98 63.7 51.0 76.4





#13

Acrolein

Concen: 238.842 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

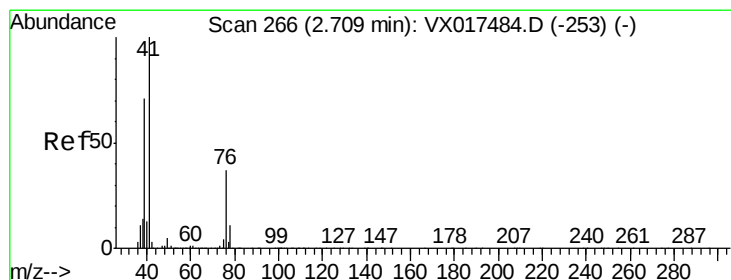
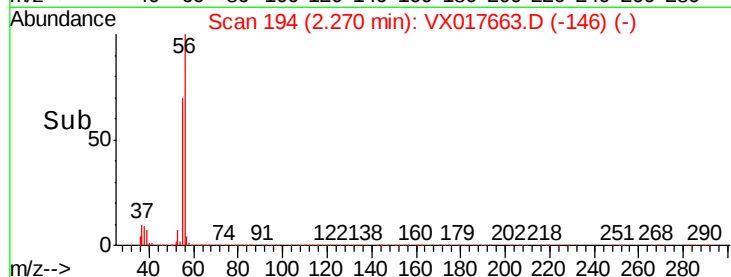
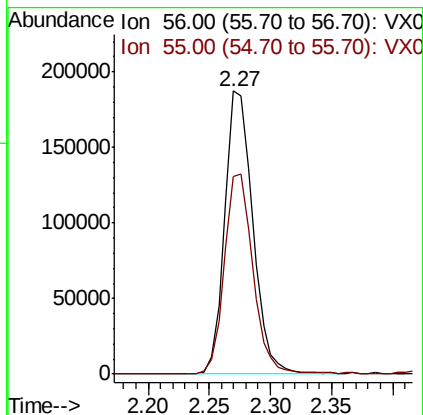
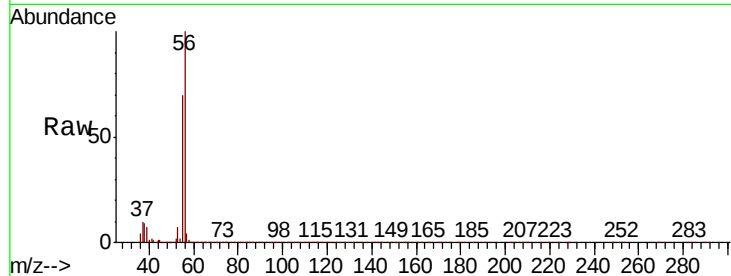
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 298058

Ion Ratio Lower Upper

56 100

55 71.7 57.4 86.2



#14

Allyl chloride

Concen: 45.791 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

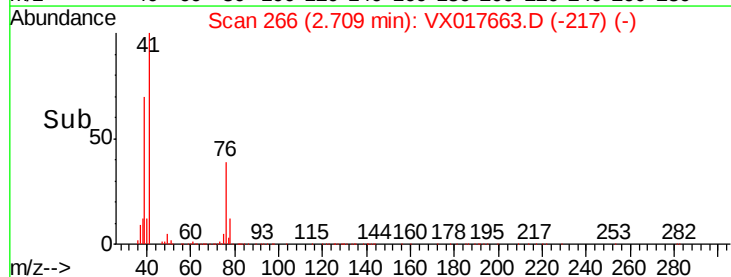
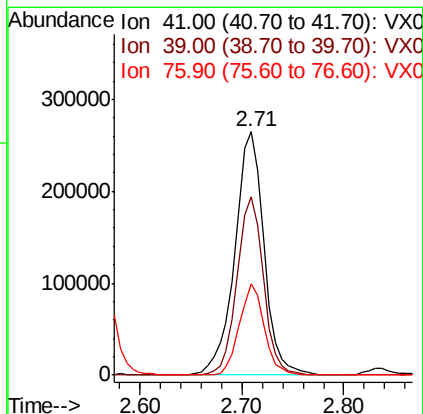
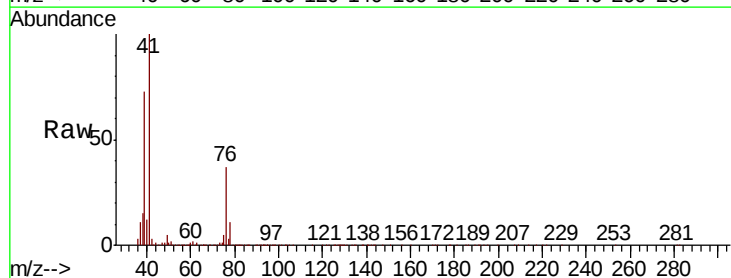
Tgt Ion: 41 Resp: 521825

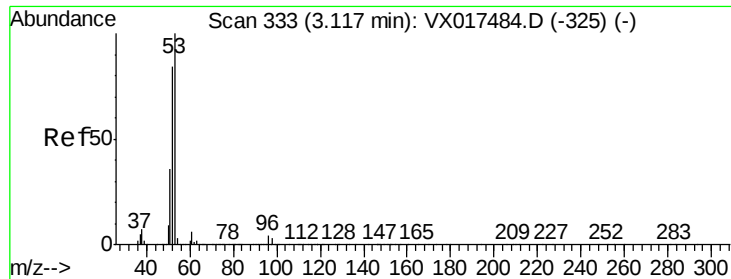
Ion Ratio Lower Upper

41 100

39 66.3 51.9 77.9

76 32.0 25.5 38.3





#15

Acrylonitrile

Concen: 238.204 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampled :

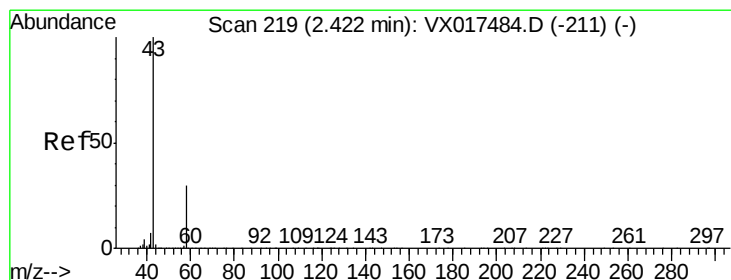
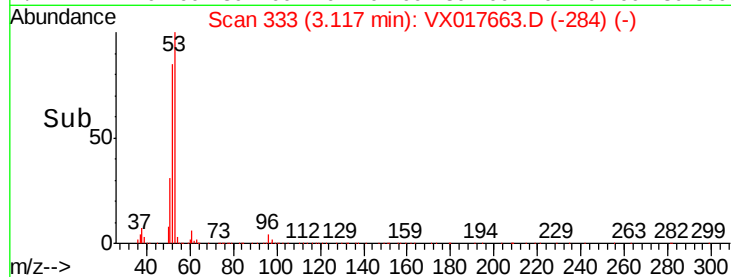
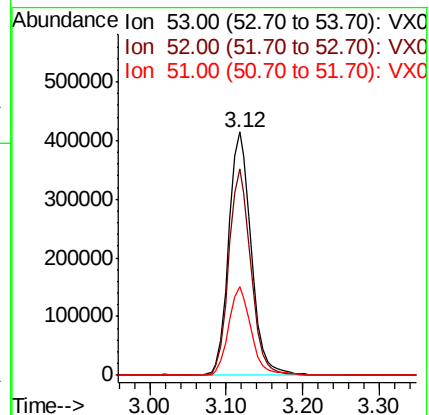
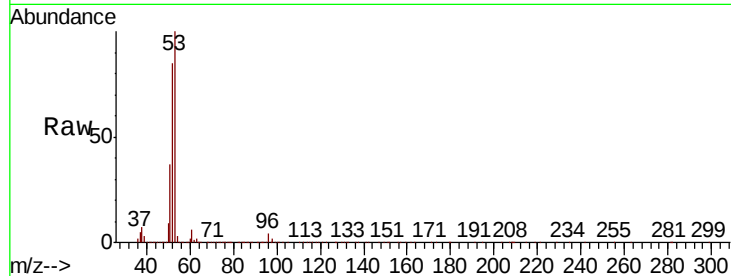
Tot Ion: 53 Resp: 841606

Ion Ratio Lower Upper

53 100

52 82.9 66.6 99.8

51 36.6 29.4 44.2



#16

Acetone

Concen: 222.759 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017663.D

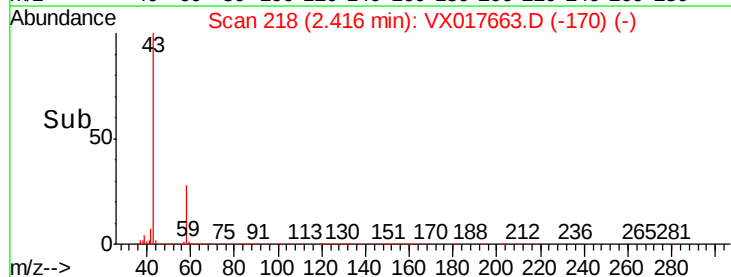
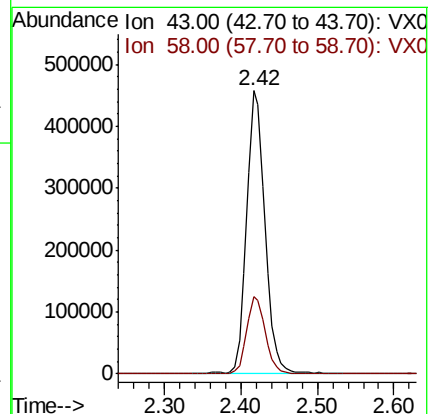
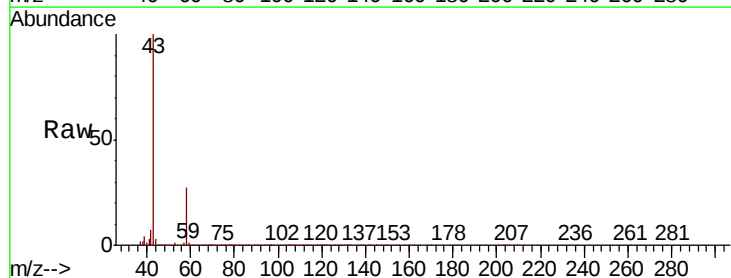
Acq: 28 Jul 2020 19:06

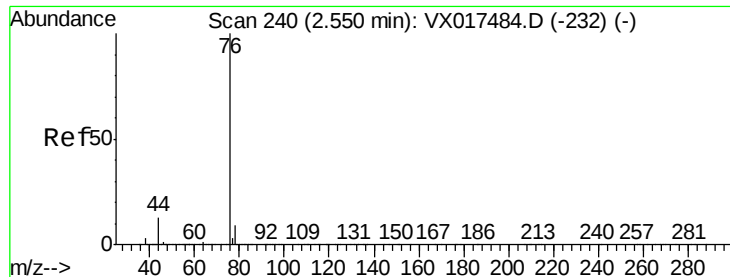
Tgt Ion: 43 Resp: 760969

Ion Ratio Lower Upper

43 100

58 27.3 24.2 36.4





#17

Carbon Disulfide

Concen: 39.767 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

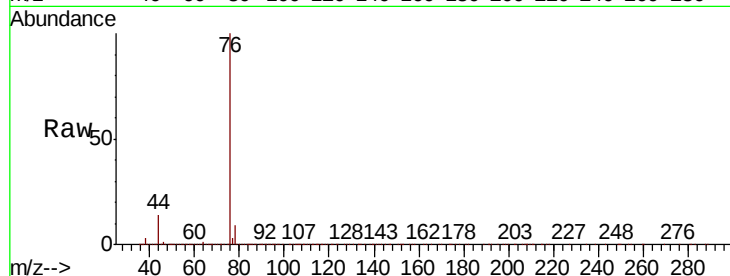
ClientSampleId :

Tot Ion: 76 Resp: 754358

Ion Ratio Lower Upper

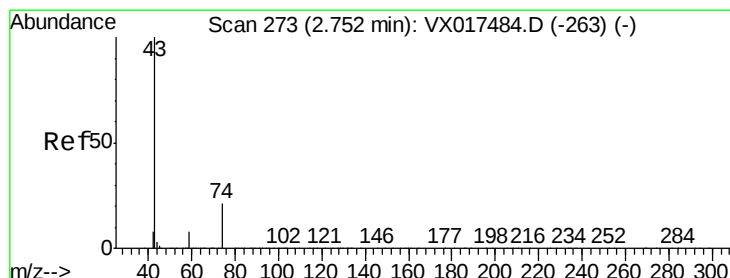
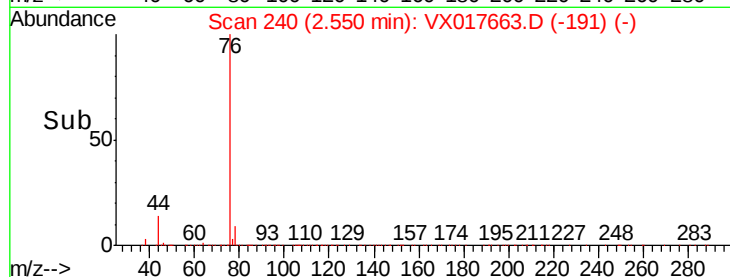
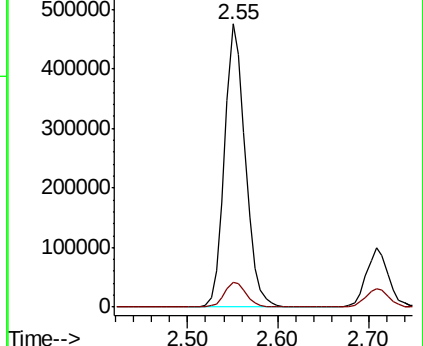
76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.665 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017663.D

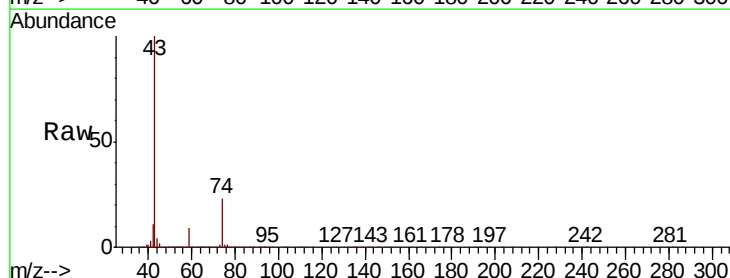
Acq: 28 Jul 2020 19:06

Tgt Ion: 43 Resp: 383484

Ion Ratio Lower Upper

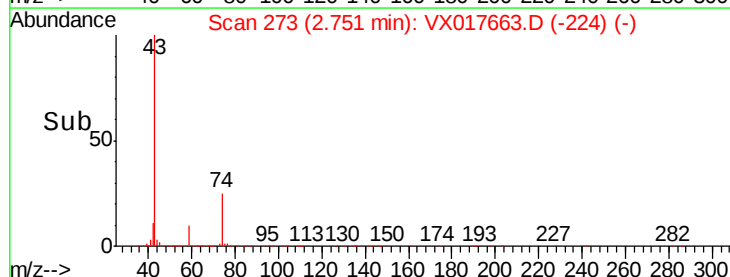
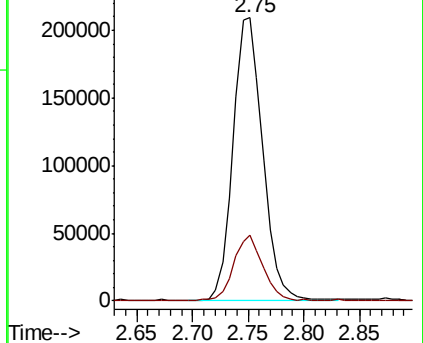
43 100

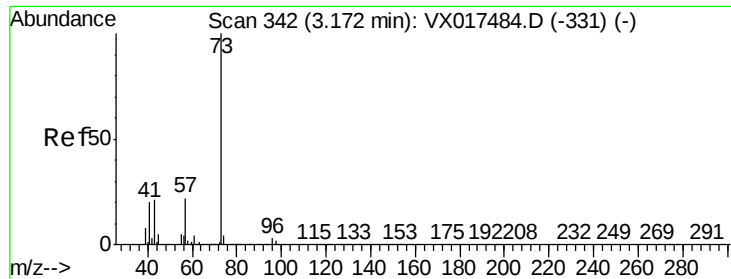
74 22.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

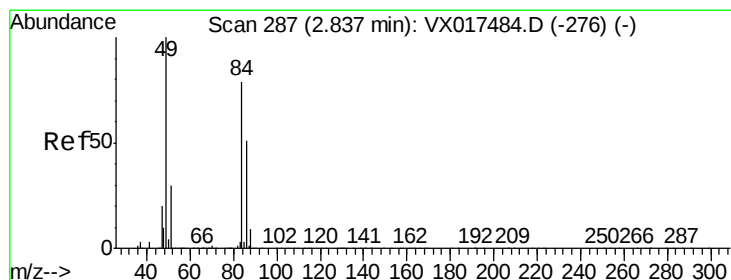
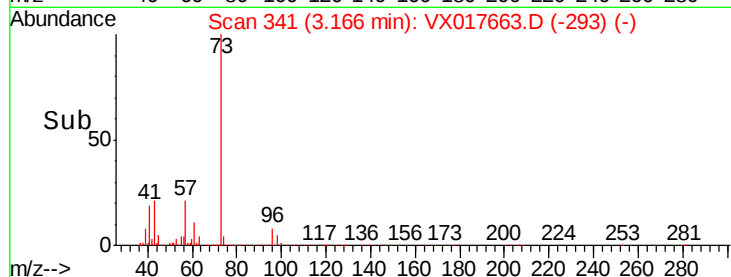
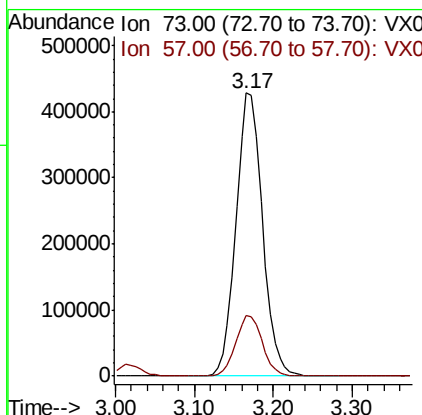
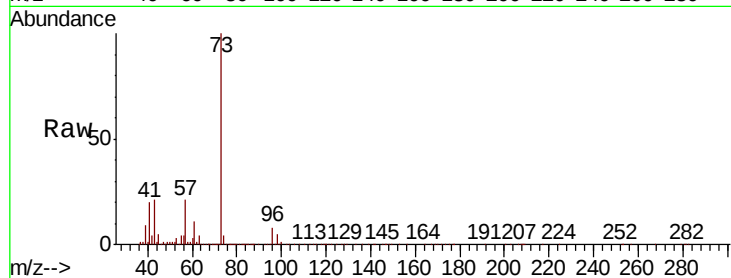




#19
Methyl tert-butyl Ether
Concen: 46.329 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

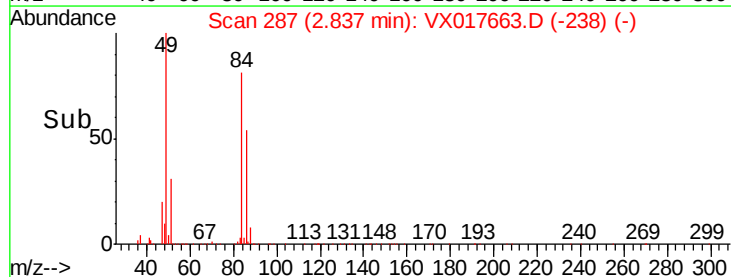
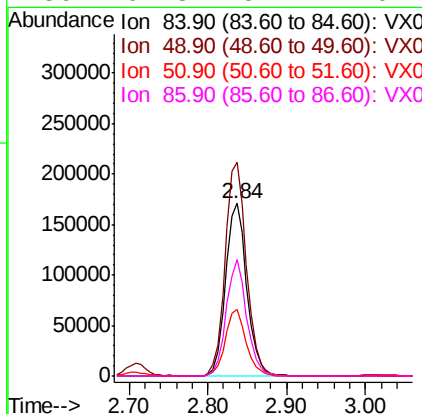
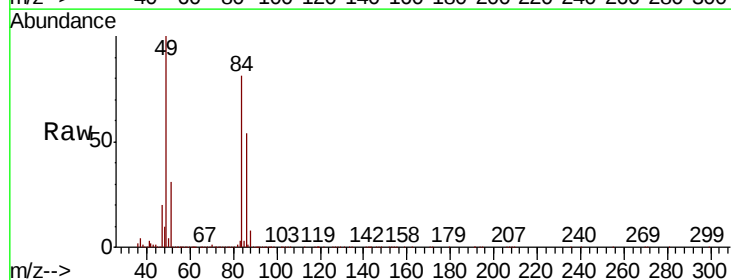
Instrument :
MSVOA_X
ClientSampled :

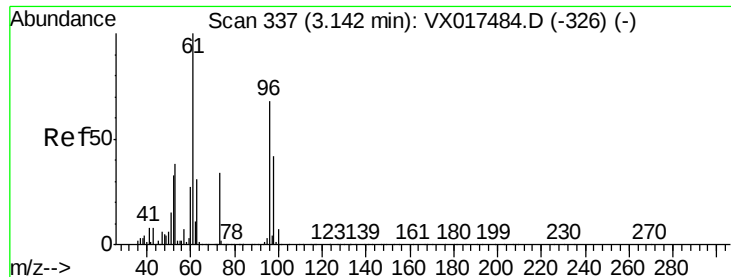
Tot Ion: 73 Resp: 1000763
Ion Ratio Lower Upper
73 100
57 21.3 17.0 25.4



#20
Methylene Chloride
Concen: 49.621 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 84 Resp: 319315
Ion Ratio Lower Upper
84 100
49 123.7 100.3 150.5
51 38.5 30.5 45.7
86 67.3 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 44.909 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

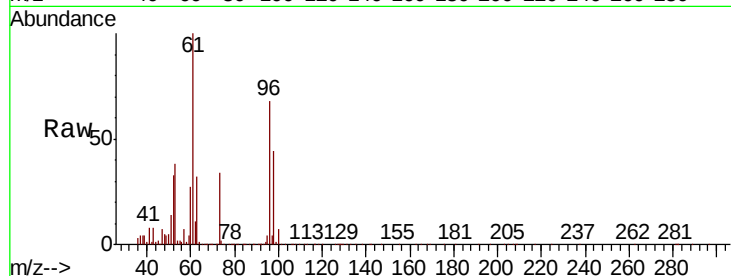
Tot Ion: 96 Resp: 300255

Ion Ratio Lower Upper

96 100

61 146.9 113.0 169.4

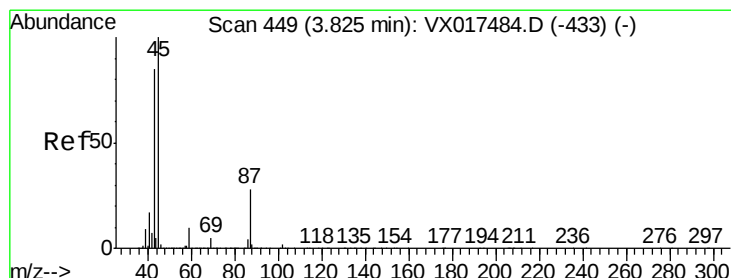
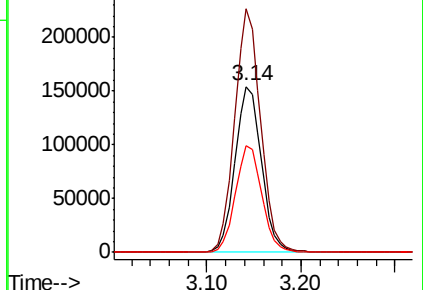
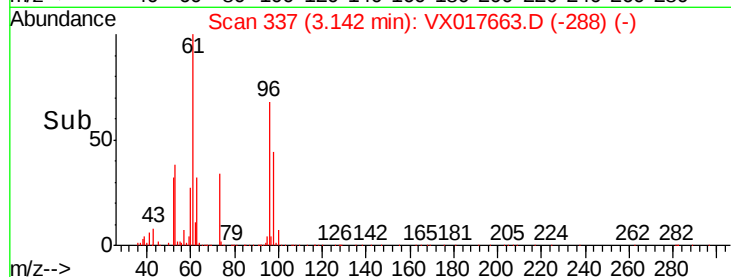
98 64.7 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.431 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion: 45 Resp: 988311

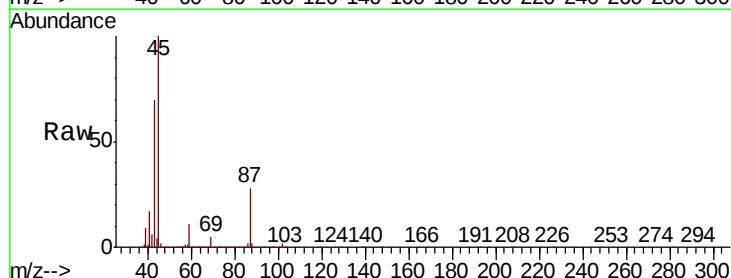
Ion Ratio Lower Upper

45 100

43 69.5 52.0 78.0

87 27.9 22.2 33.4

59 10.8 8.9 13.3

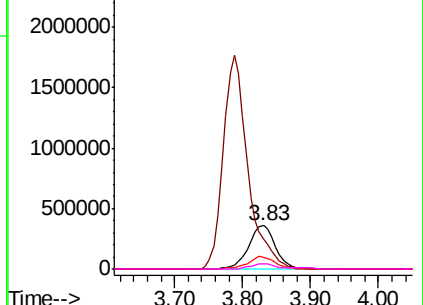
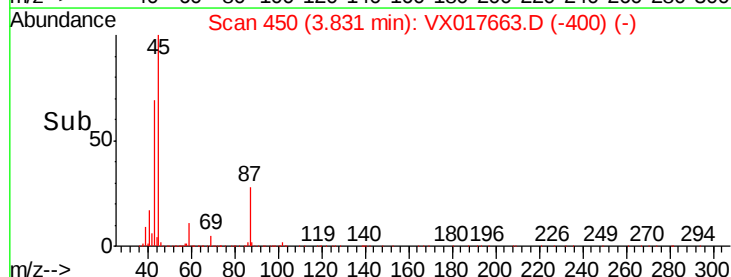


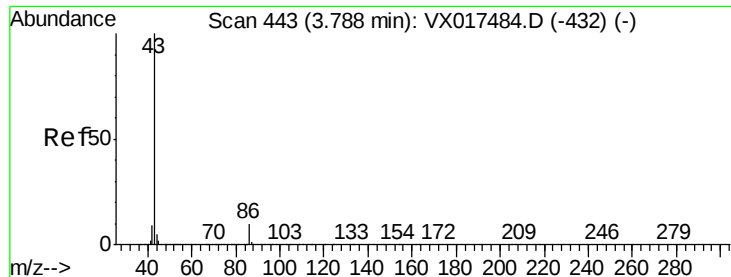
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 240.478 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

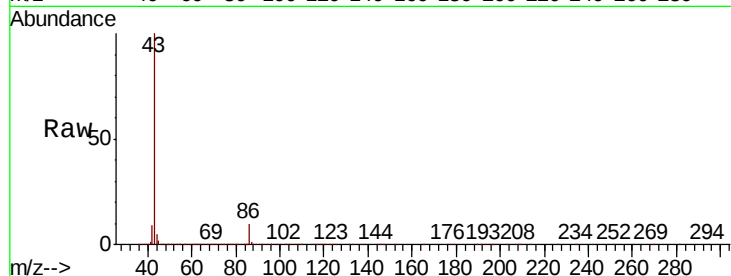
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 4467766

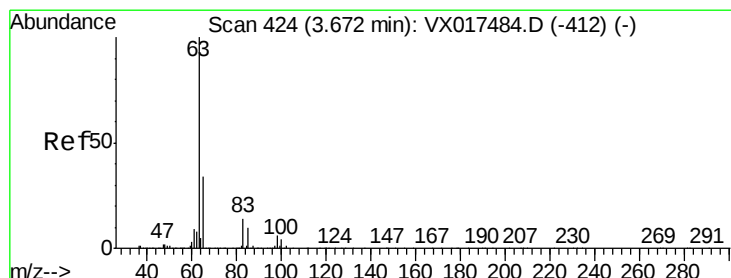
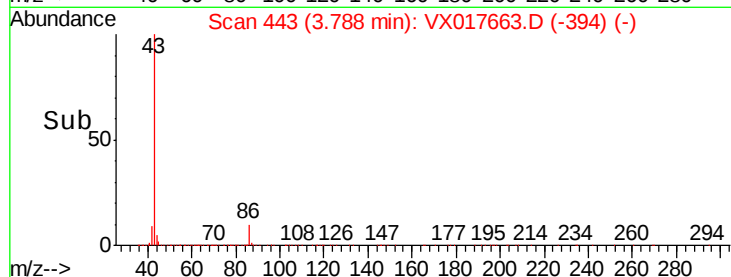
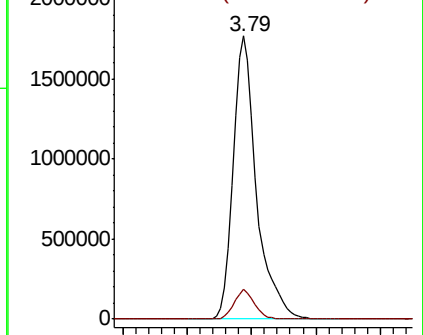
Ion Ratio Lower Upper

43 100

86 10.4 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.084 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

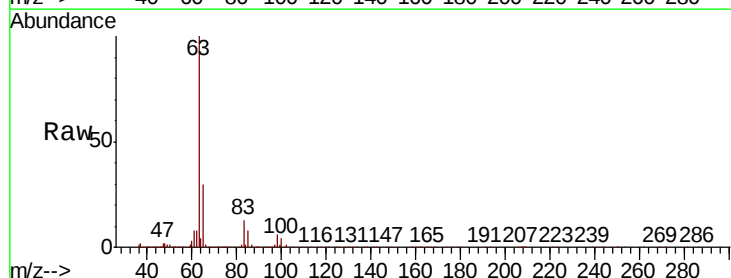
Tgt Ion: 63 Resp: 565158

Ion Ratio Lower Upper

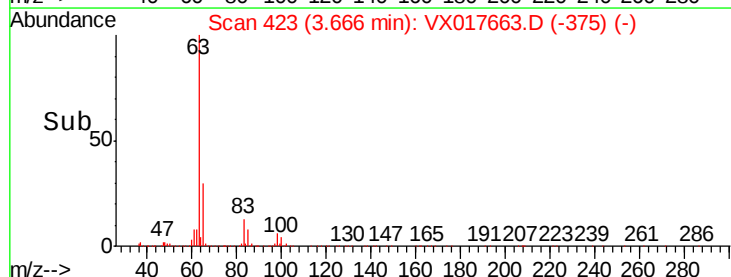
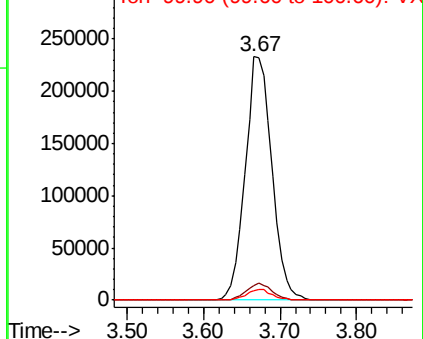
63 100

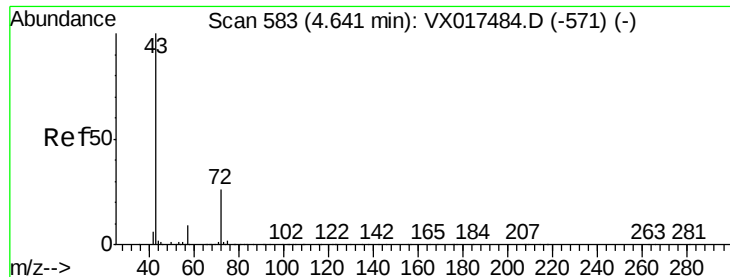
98 5.9 3.4 10.1

100 3.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 243.991 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

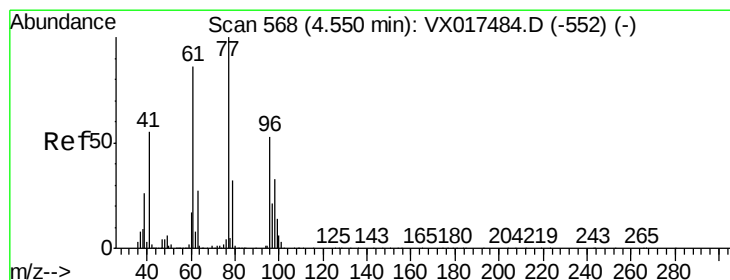
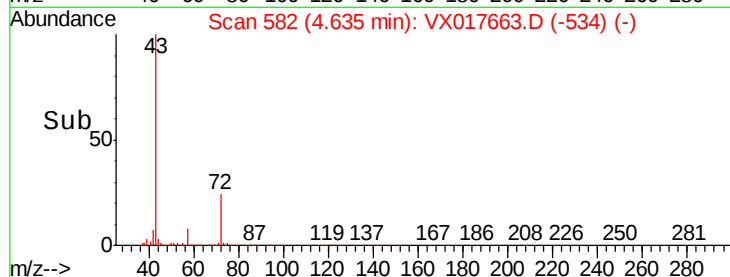
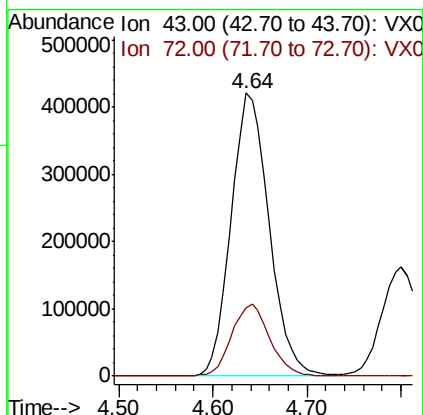
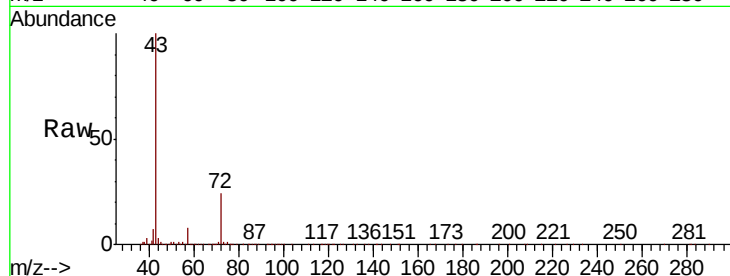
ClientSampleId :

Tot Ion: 43 Resp: 1184074

Ion Ratio Lower Upper

43 100

72 24.2 19.0 28.4



#26

2,2-Dichloropropane

Concen: 45.418 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017663.D

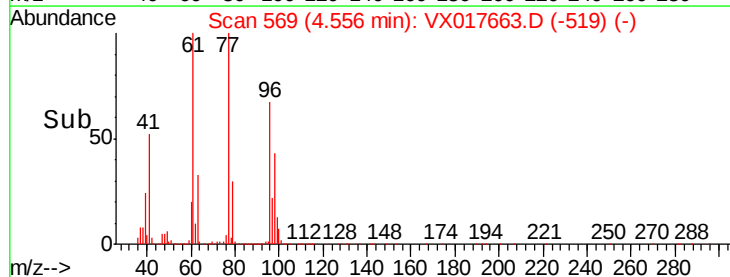
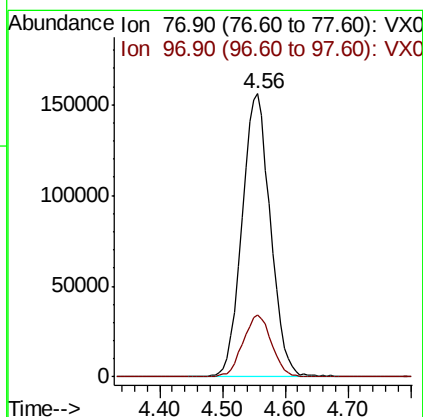
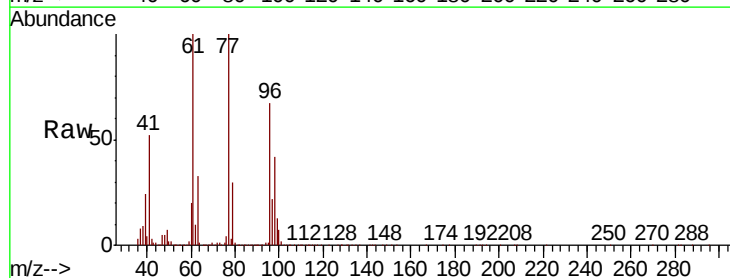
Acq: 28 Jul 2020 19:06

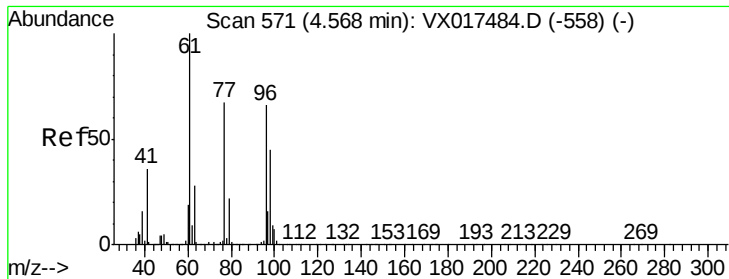
Tgt Ion: 77 Resp: 487997

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9



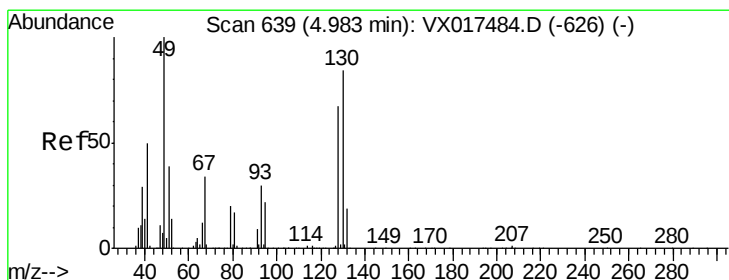
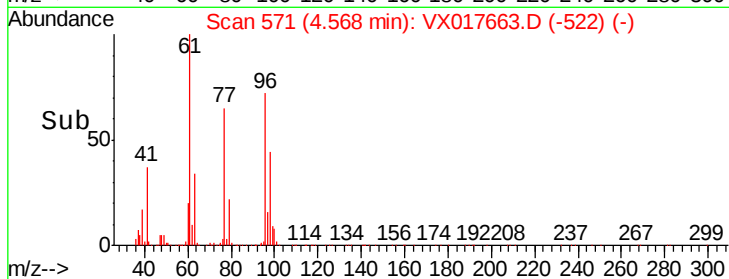
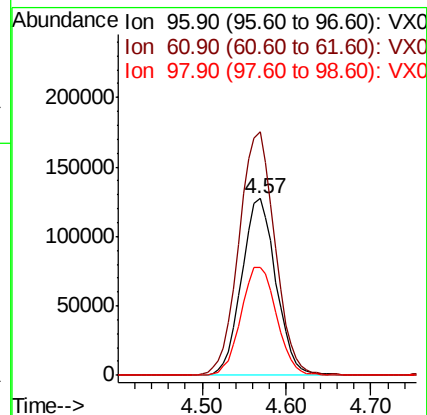
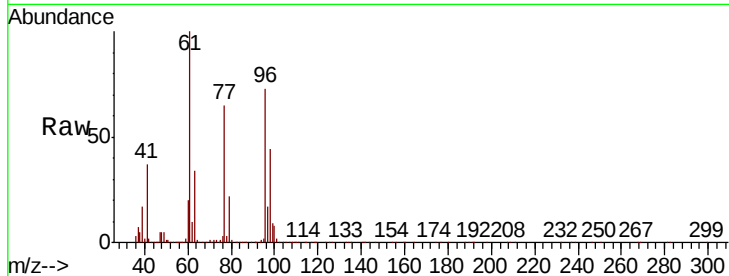


#27

cis-1,2-Dichloroethene
Concen: 48.094 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :

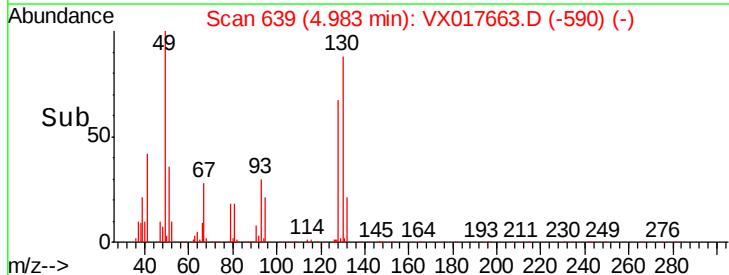
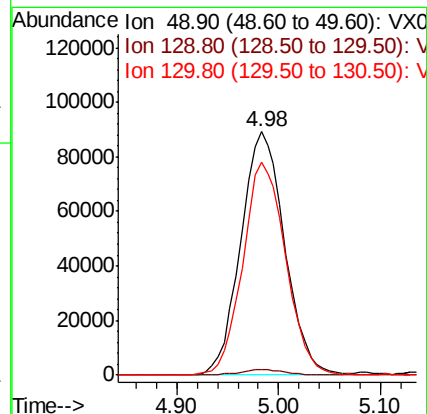
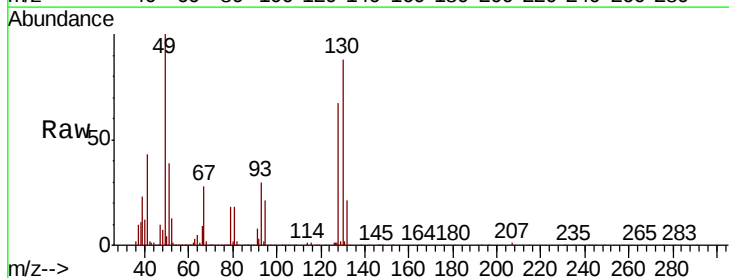
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	301.2
98	63.8	0.0	130.0

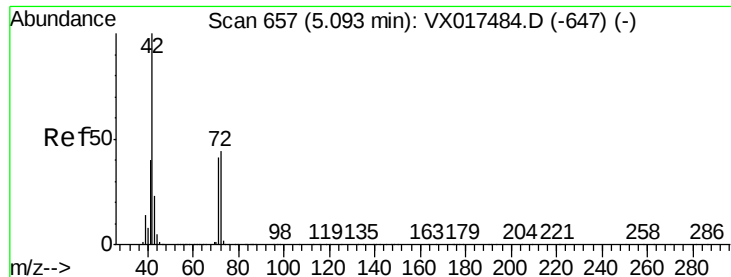


#28

Bromochloromethane
Concen: 48.752 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	86.1	66.7	100.1





#29

Tetrahydrofuran

Concen: 249.182 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

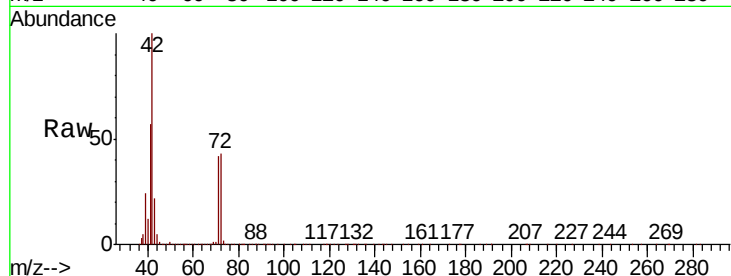
Tot Ion: 42 Resp: 749050

Ion Ratio Lower Upper

42 100

72 44.2 35.5 53.3

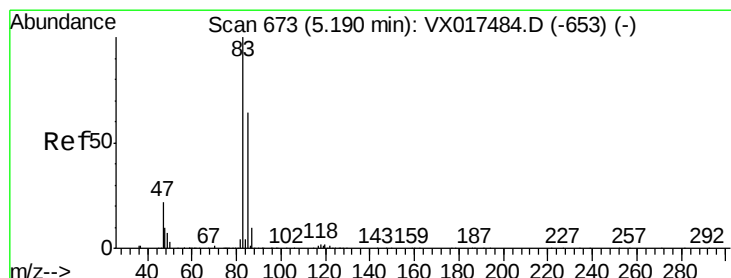
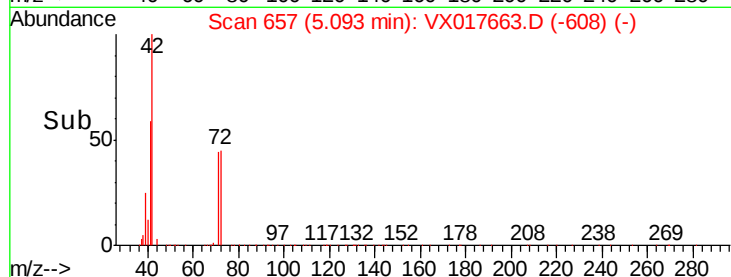
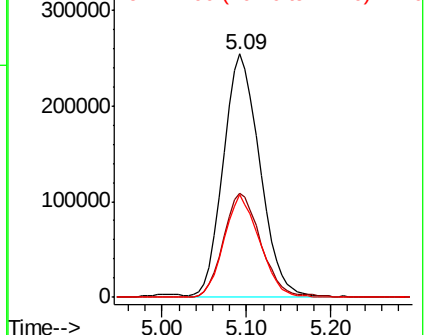
71 41.2 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.269 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017663.D

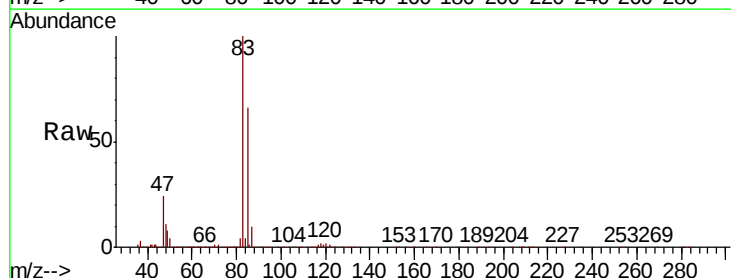
Acq: 28 Jul 2020 19:06

Tgt Ion: 83 Resp: 591996

Ion Ratio Lower Upper

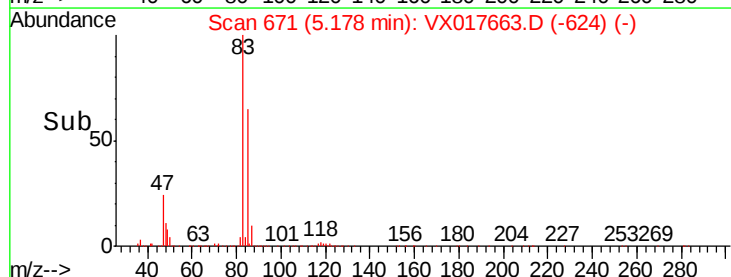
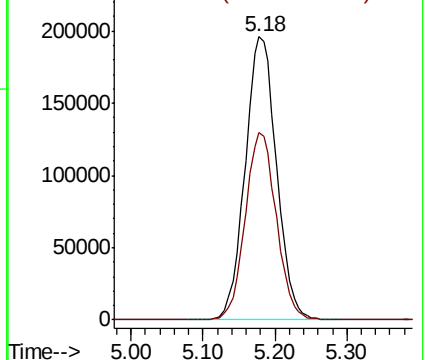
83 100

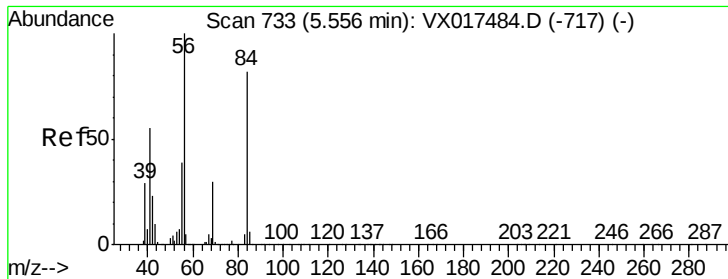
85 66.0 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

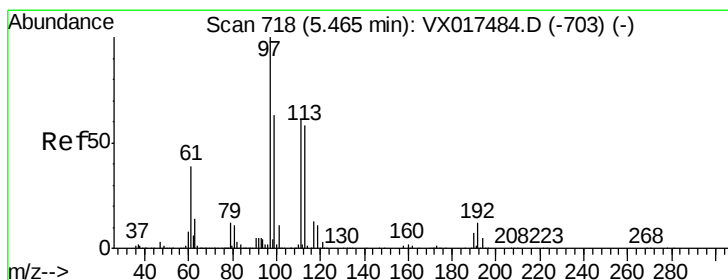
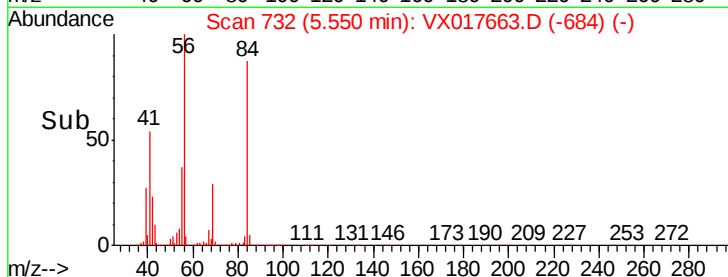
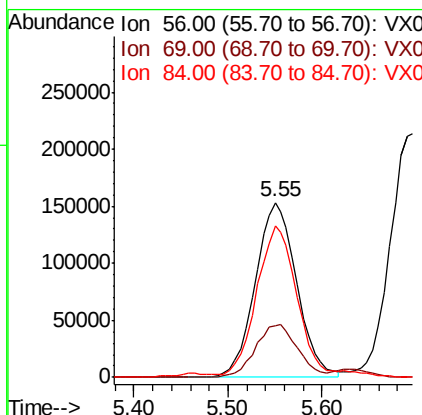
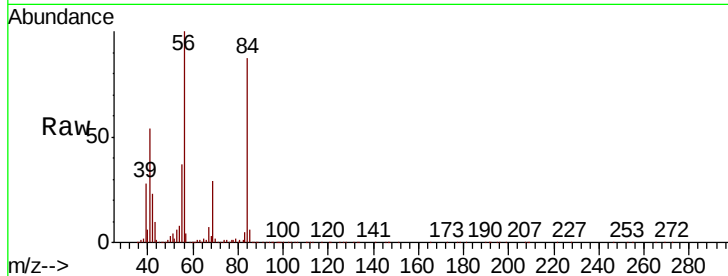




#31
Cyclohexane
Concen: 49.144 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

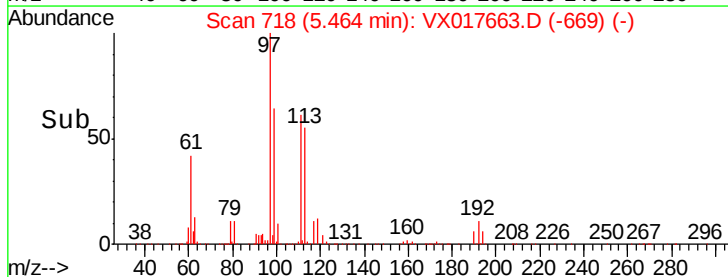
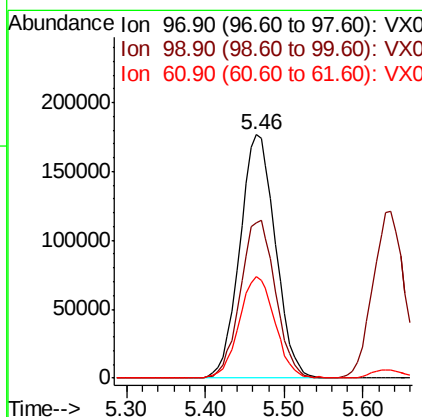
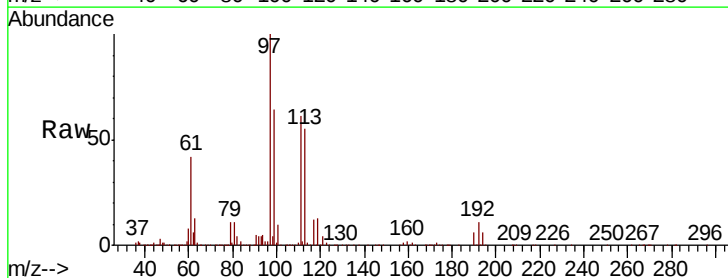
Instrument :
MSVOA_X
ClientSampled :

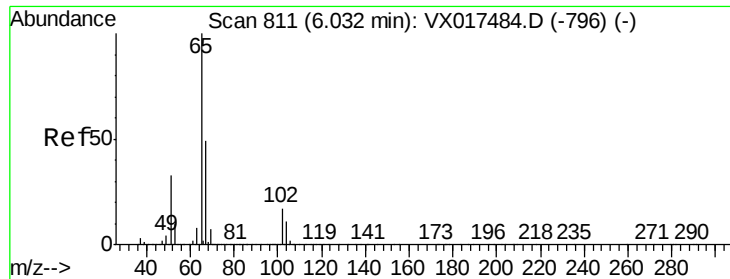
Tot Ion: 56 Resp: 470403
Ion Ratio Lower Upper
56 100
69 29.5 24.2 36.4
84 84.5 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 47.798 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 97 Resp: 552796
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 41.7 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 49.782 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

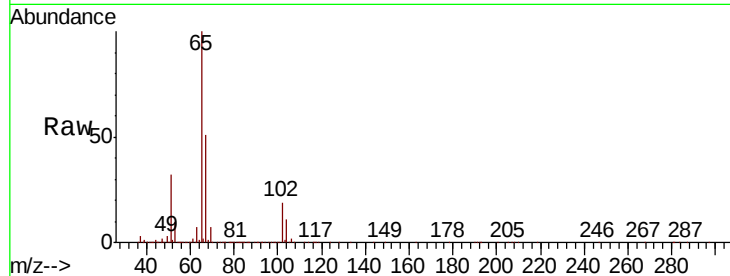
ClientSampleId :

Tot Ion: 65 Resp: 386385

Ion Ratio Lower Upper

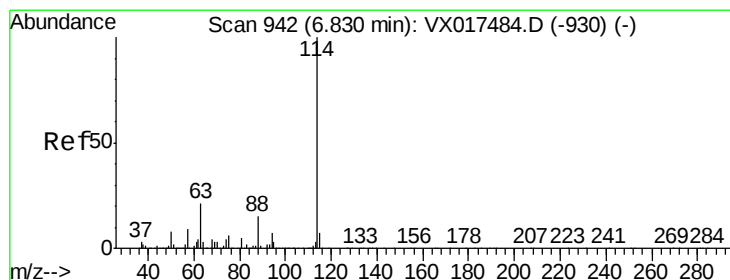
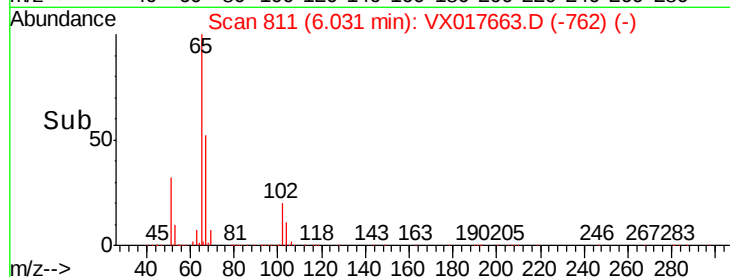
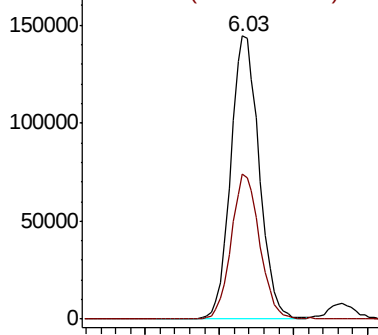
65 100

67 50.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

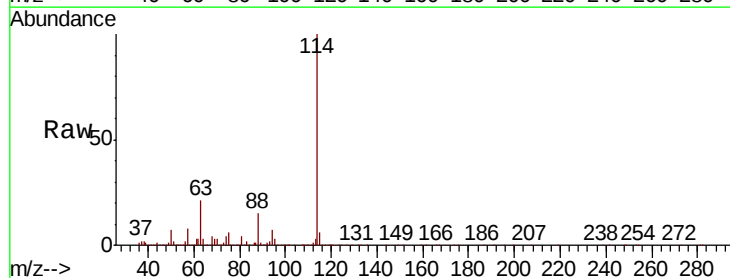
Tgt Ion: 114 Resp: 950099

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.6

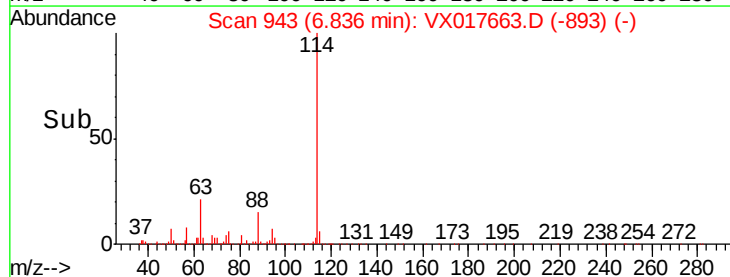
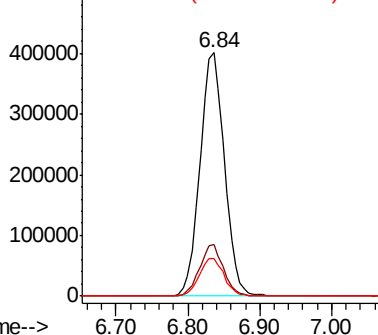
88 15.4 0.0 33.4

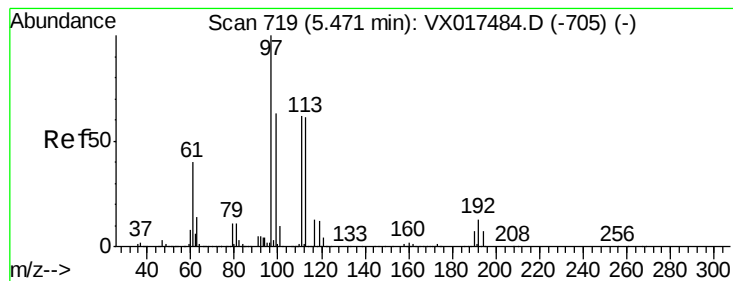


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.983 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

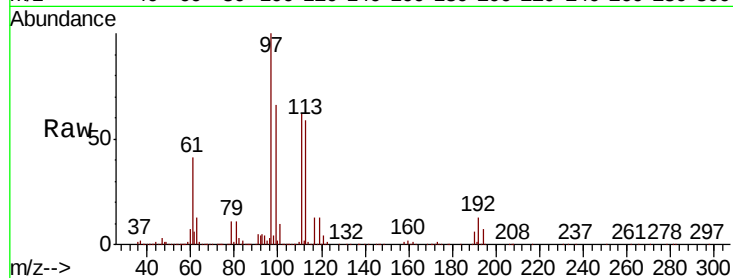
Tot Ion:113 Resp: 298543

Ion Ratio Lower Upper

113 100

111 102.9 80.7 121.1

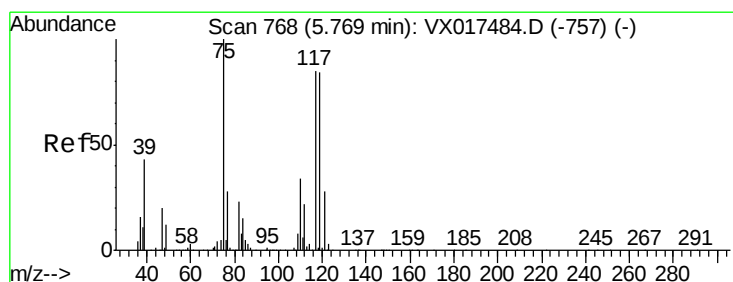
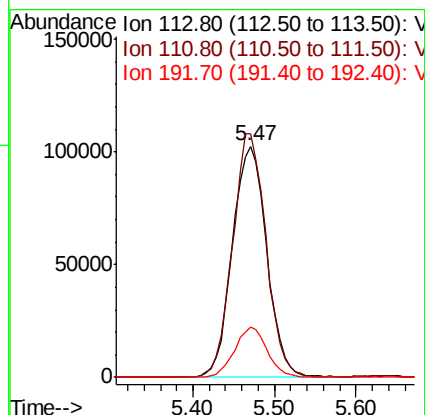
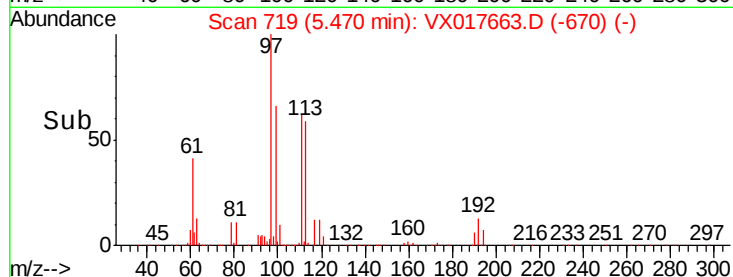
192 20.9 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.259 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

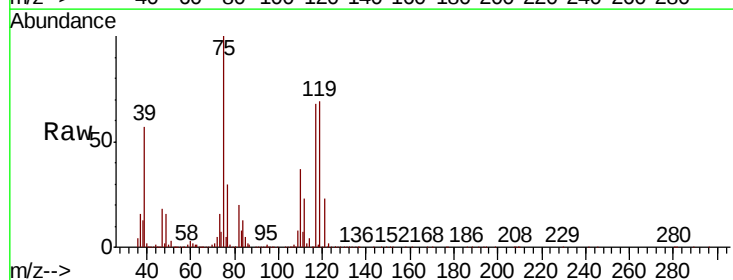
Tgt Ion: 75 Resp: 430635

Ion Ratio Lower Upper

75 100

110 36.4 18.1 54.3

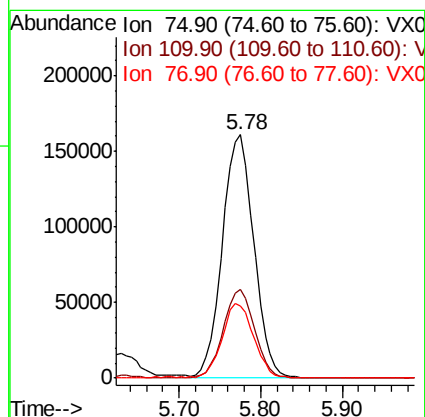
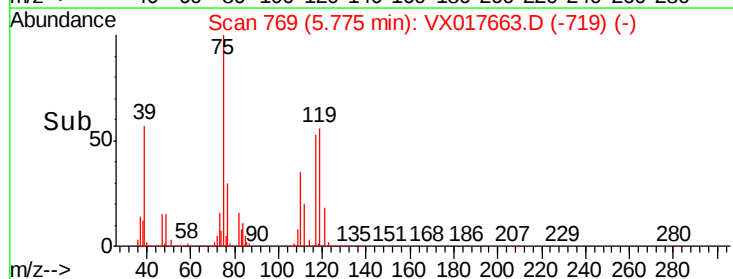
77 30.9 24.6 37.0

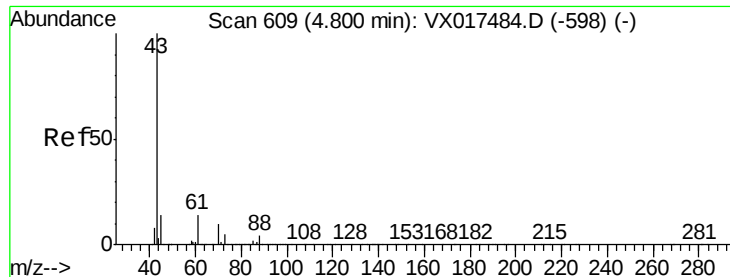


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

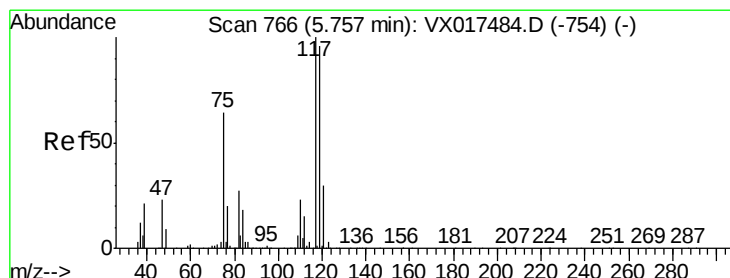
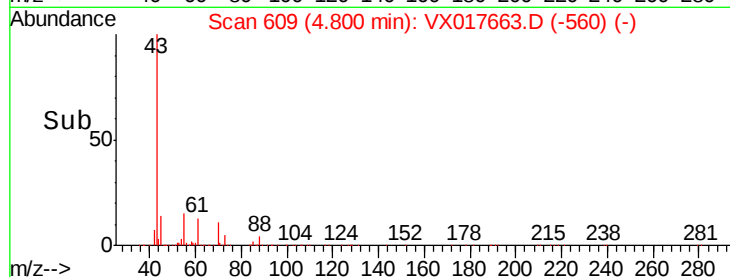
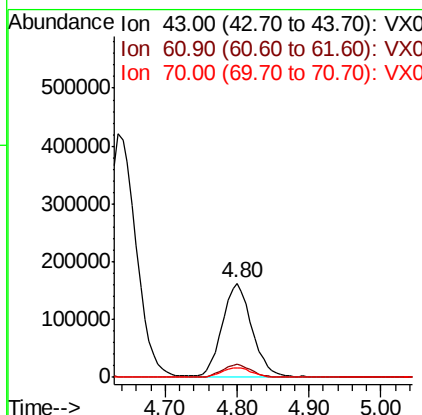
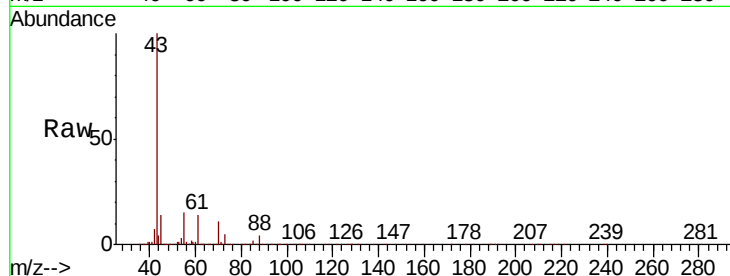




#37
Ethyl Acetate
Concen: 46.885 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

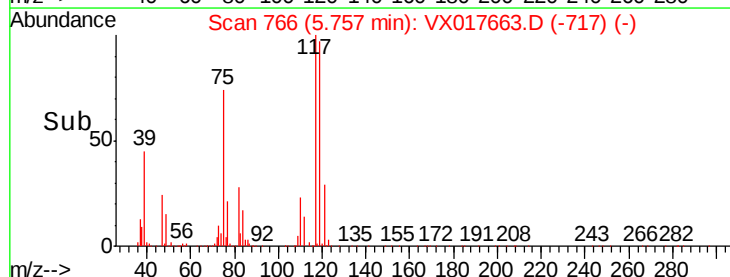
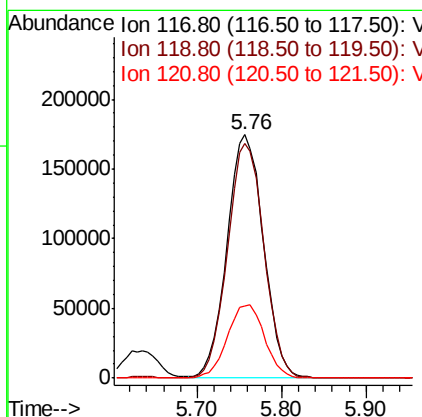
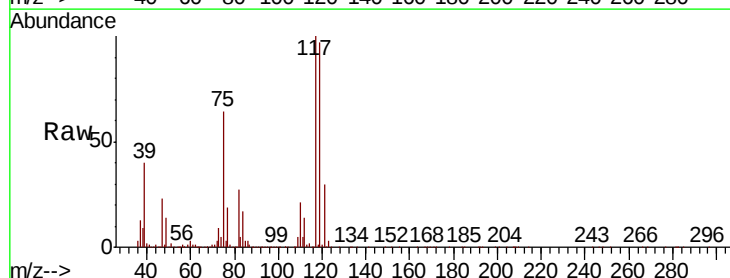
Instrument :
MSVOA_X
ClientSampled :

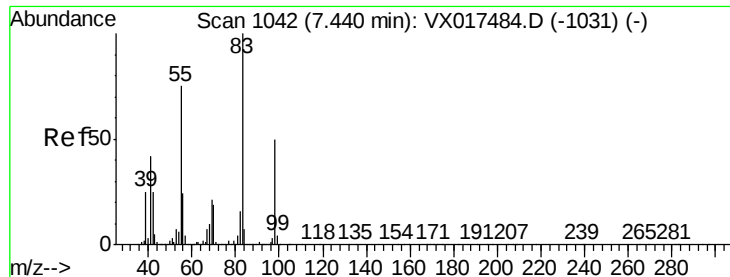
Tot Ion	43	Resp	467457
Ion Ratio	Lower	Upper	
43	100		
61	14.1	10.7	16.1
70	10.3	8.5	12.7



#38
Carbon Tetrachloride
Concen: 46.188 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	117	Resp	511098
Ion Ratio	Lower	Upper	
117	100		
119	96.5	75.4	113.0
121	29.8	24.3	36.5

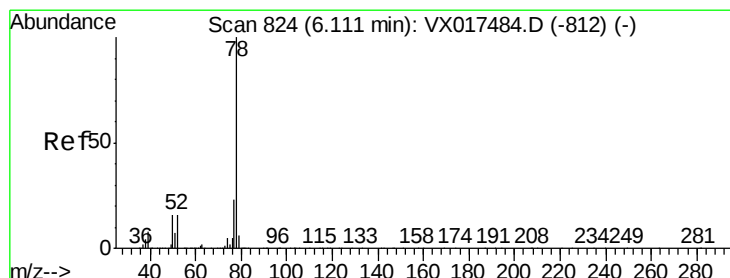
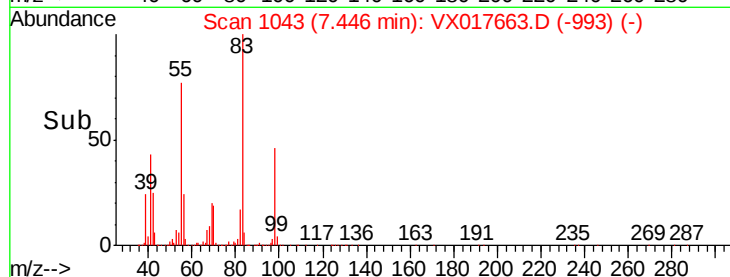
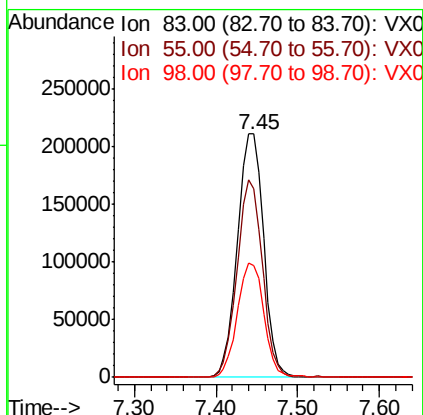
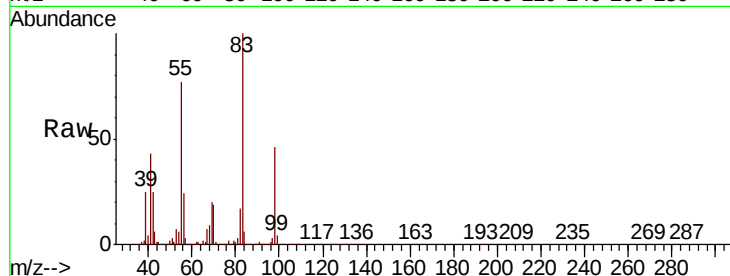




#39
Methvlcvclohexane
Concen: 44.199 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

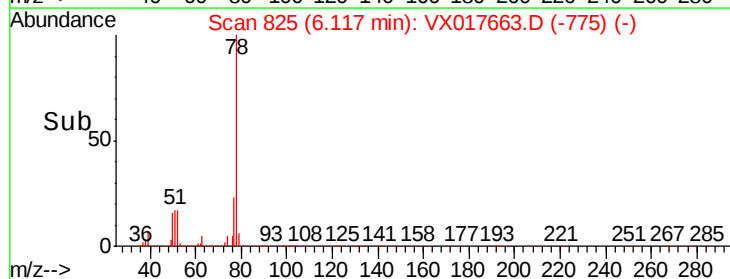
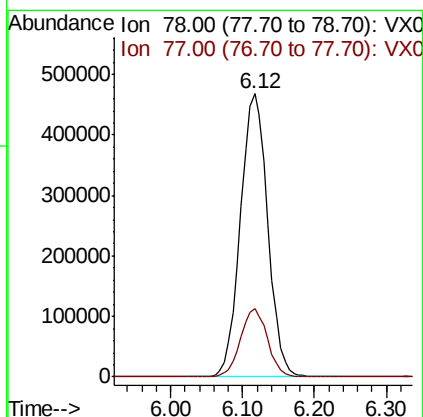
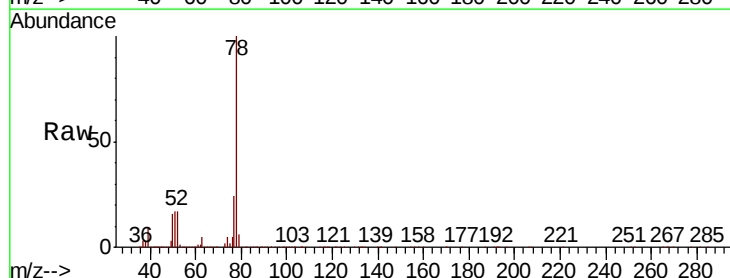
Instrument :
MSVOA_X
ClientSampled :

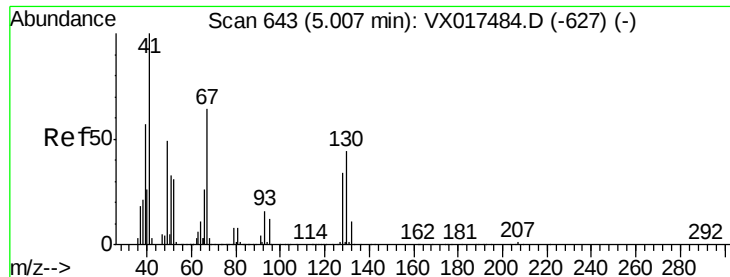
Tot Ion: 83 Resp: 470165
Ion Ratio Lower Upper
83 100
55 77.2 61.8 92.8
98 45.7 36.9 55.3



#40
Benzene
Concen: 47.027 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 78 Resp: 1228572
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.2

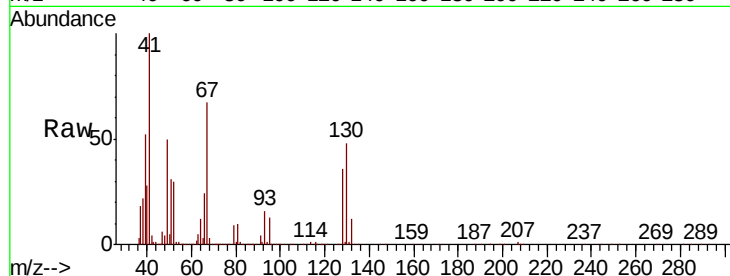




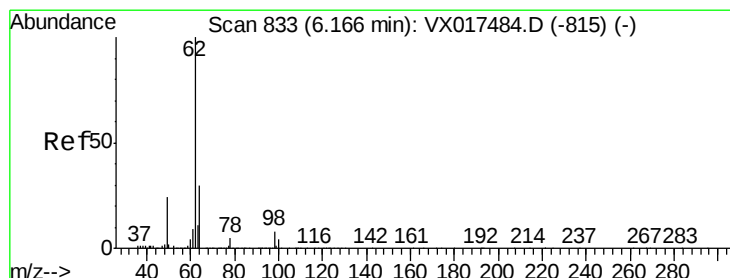
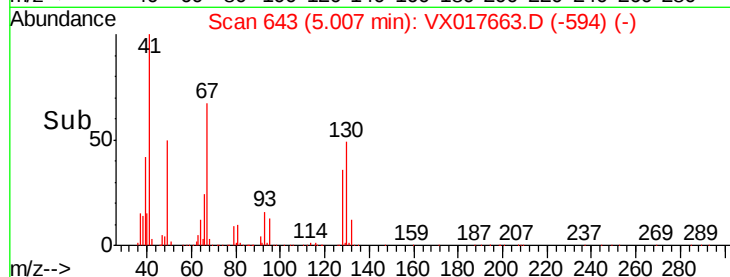
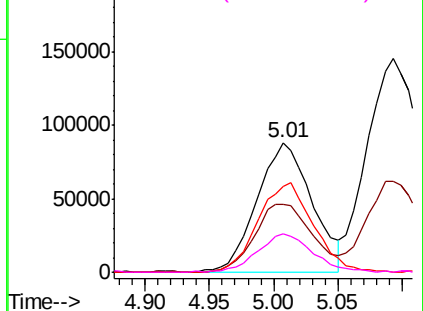
#41
Methacrylonitrile
Concen: 45.558 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	260358
Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.9	65.9
67	69.6	54.0	81.0
52	29.2	23.0	34.6

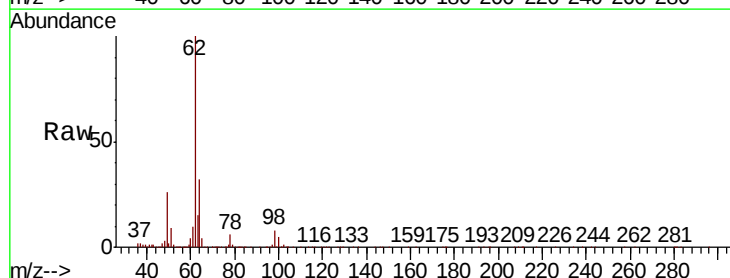


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

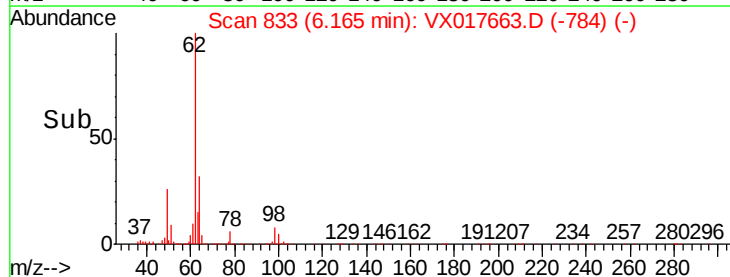
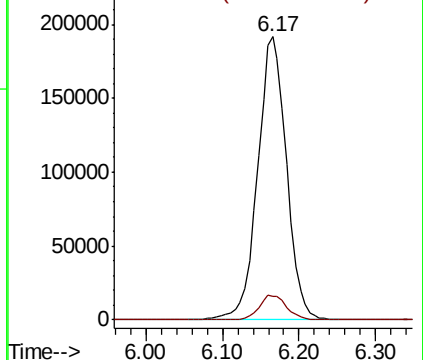


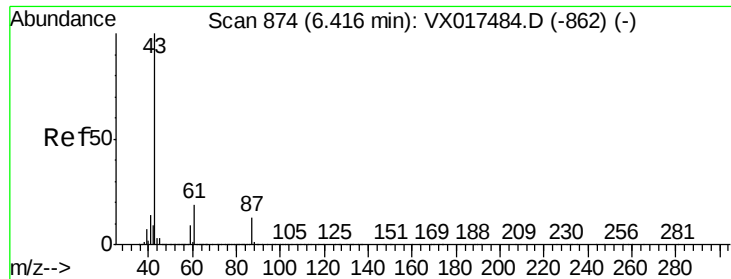
#42
1,2-Dichloroethane
Concen: 47.226 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion:	62	Resp:	504743
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.0



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



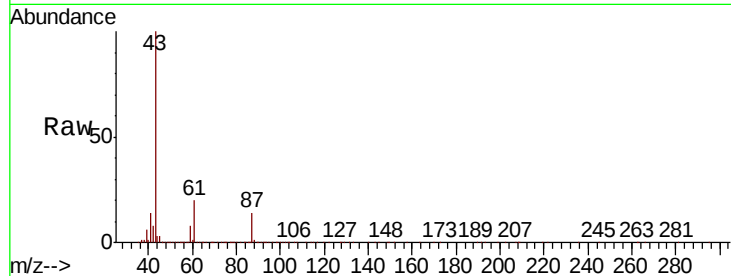


#43

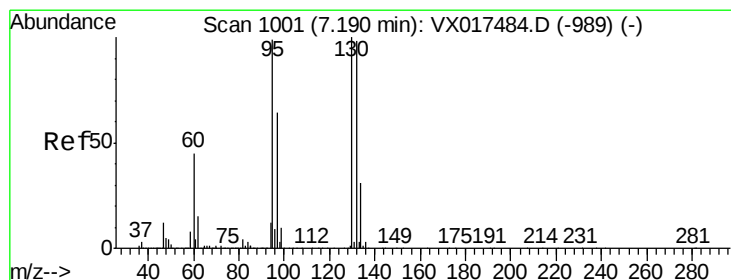
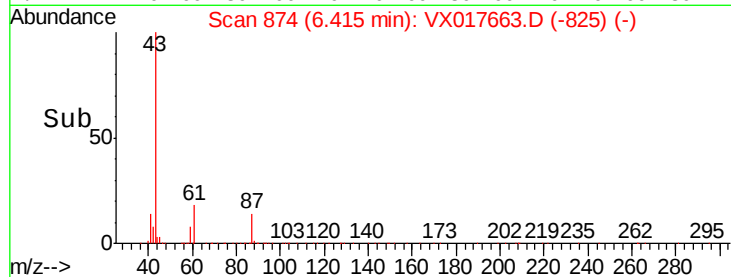
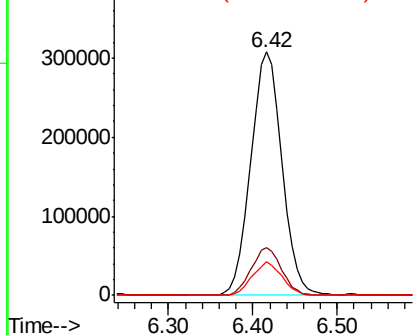
Isopropyl Acetate
 Concen: 46.909 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.5	23.3
87	13.4	10.5	15.7



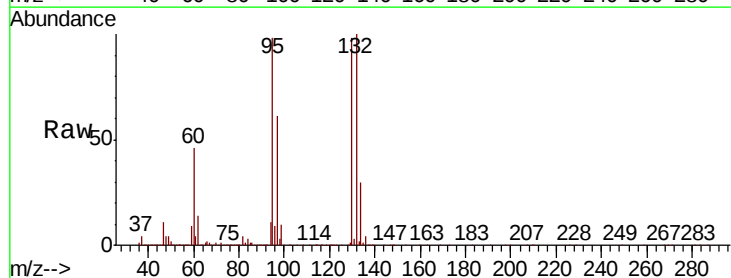
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



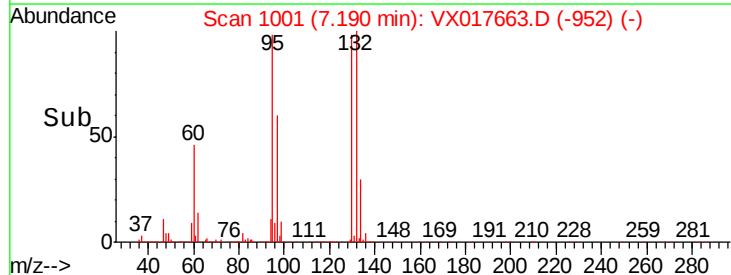
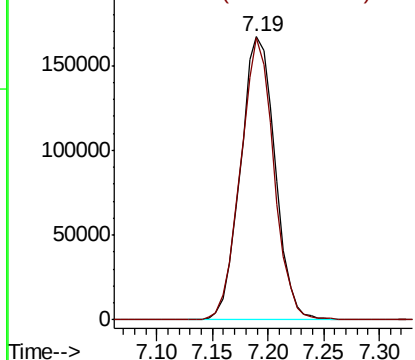
#44

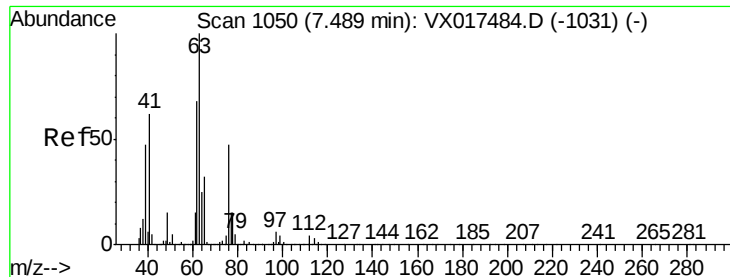
Trichloroethene
 Concen: 47.194 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	189.0



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





#45

1,2-Dichloropropane

Concen: 45.290 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

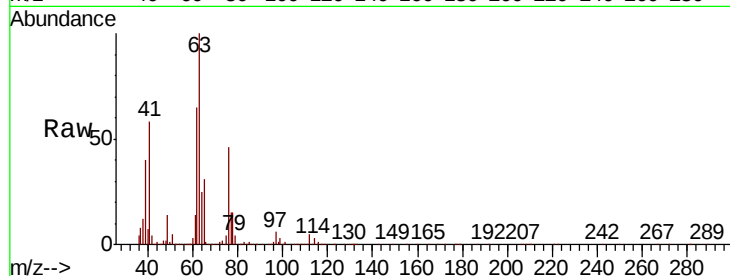
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 327999

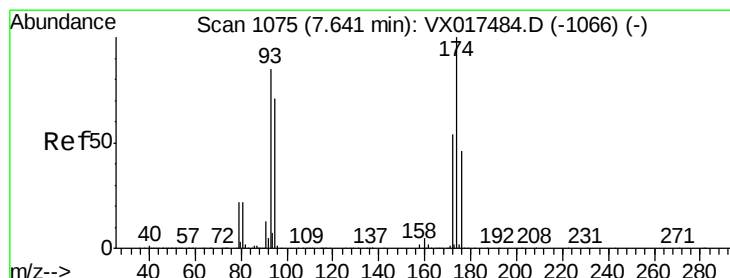
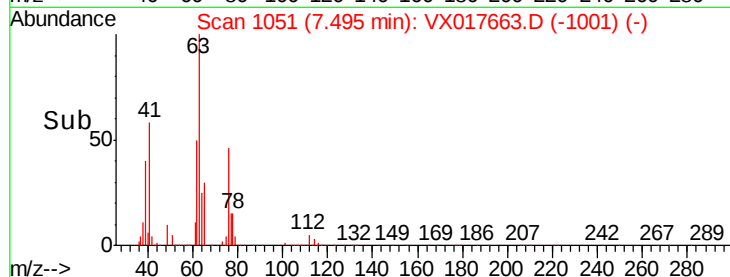
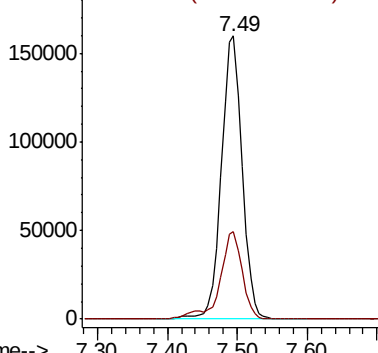
Ion Ratio Lower Upper

63 100

65 31.0 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.700 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

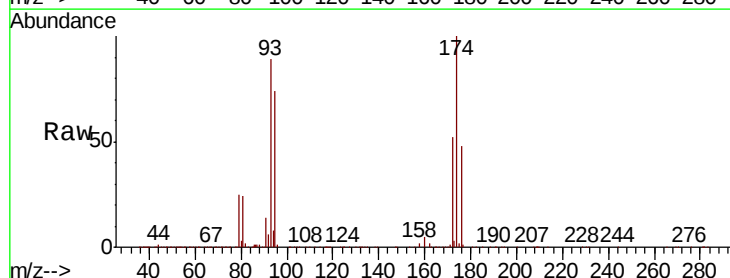
Tgt Ion: 93 Resp: 228781

Ion Ratio Lower Upper

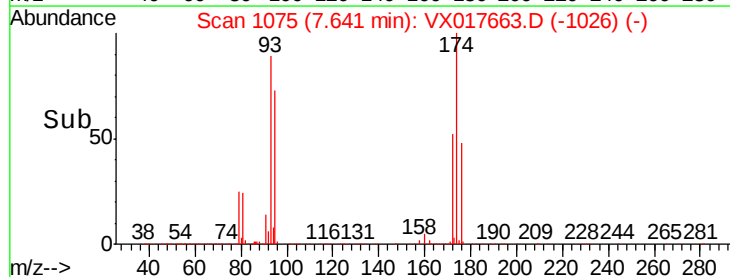
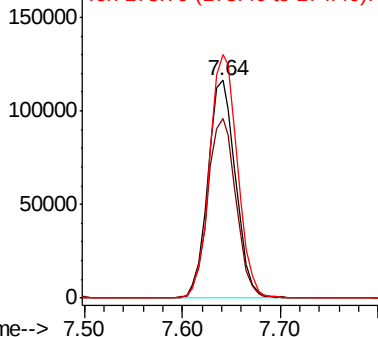
93 100

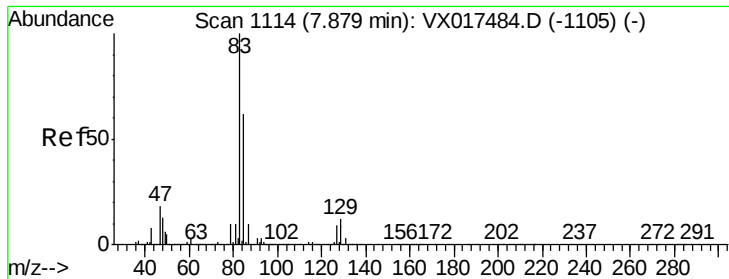
95 83.8 66.6 99.8

174 112.5 87.0 130.6



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.004 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :
MSVOA_X
ClientSampleId :

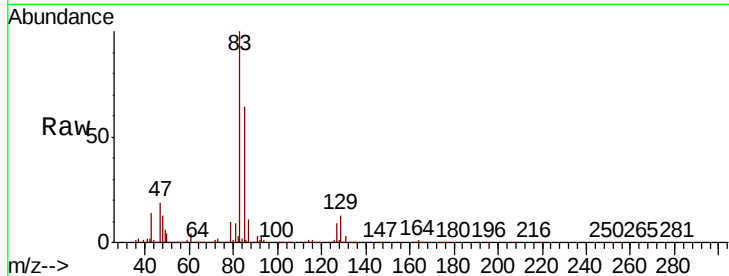
Tot Ion: 83 Resp: 484064

Ion Ratio Lower Upper

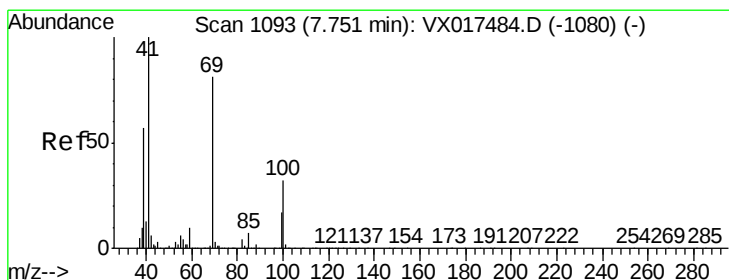
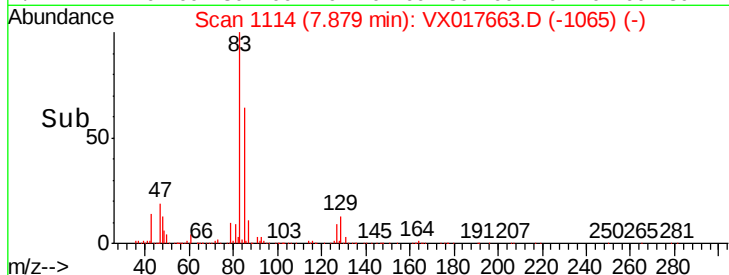
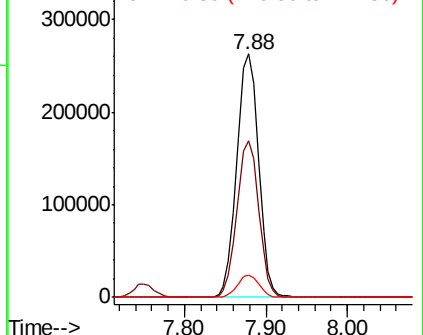
83 100

85 64.3 51.8 77.8

127 8.9 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.967 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

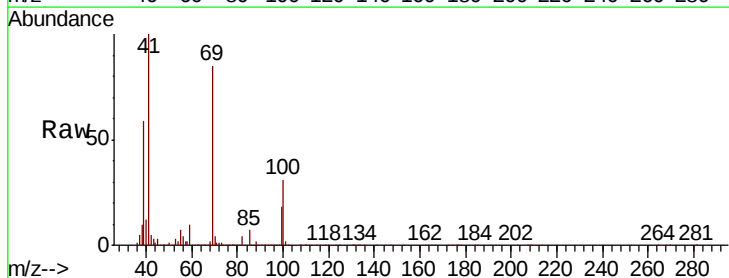
Tgt Ion: 41 Resp: 382985

Ion Ratio Lower Upper

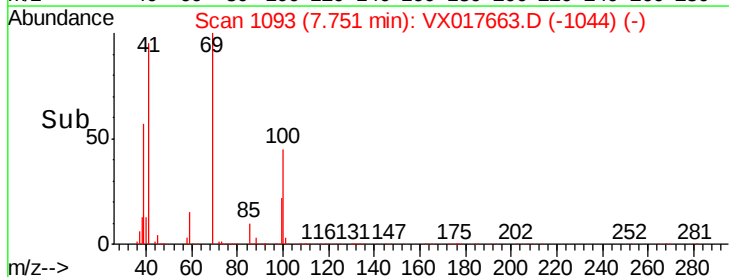
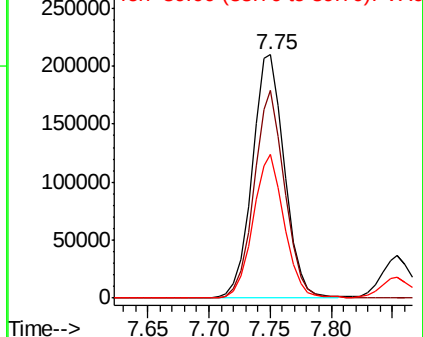
41 100

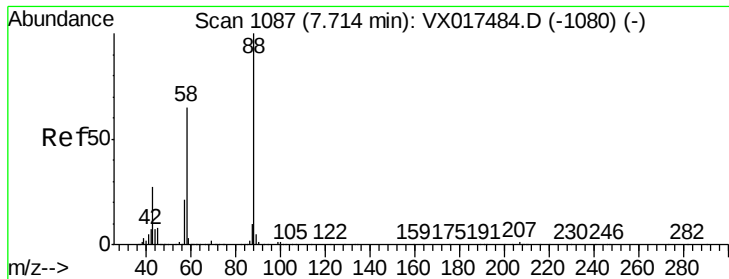
69 81.4 63.1 94.7

39 56.9 45.1 67.7



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

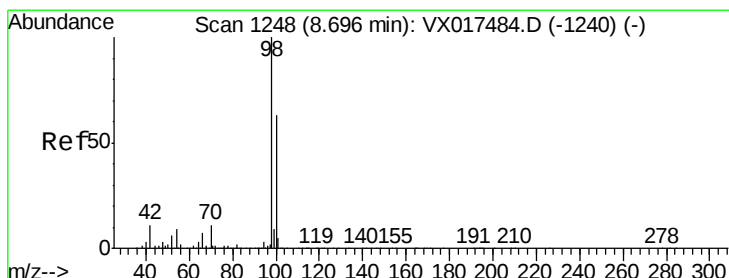
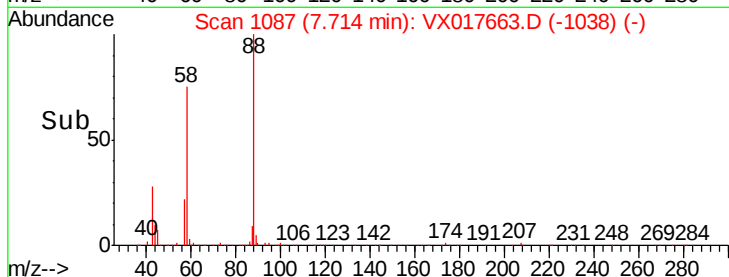
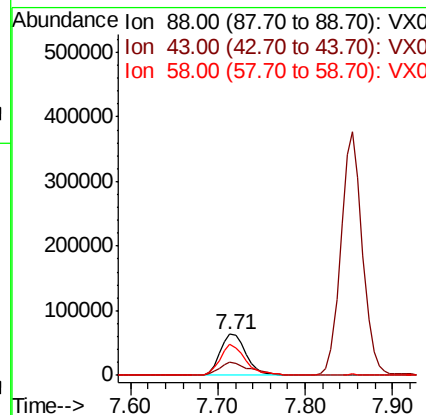
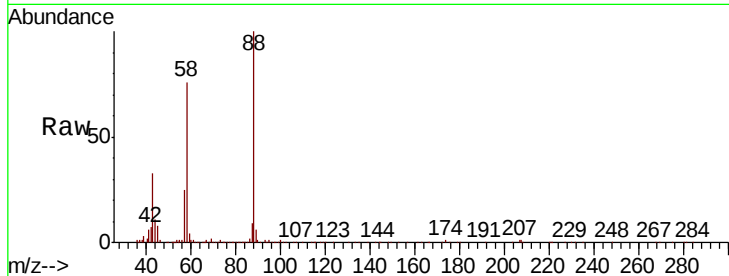




#49
1,4-Dioxane
Concen: 847.387 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

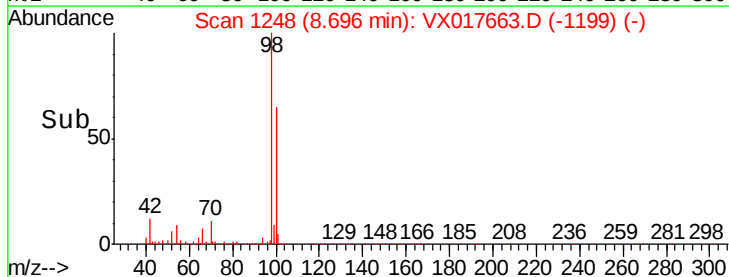
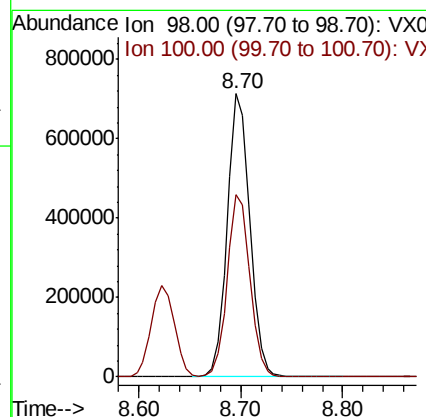
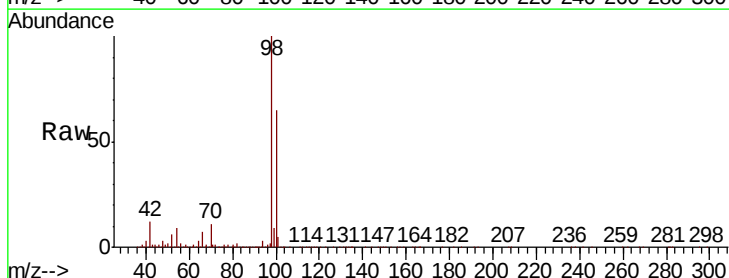
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 132478
Ion Ratio Lower Upper
88 100
43 37.5 27.8 41.6
58 72.7 58.3 87.5



#50
Toluene-d8
Concen: 47.706 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 98 Resp: 1093558
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 243.823 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

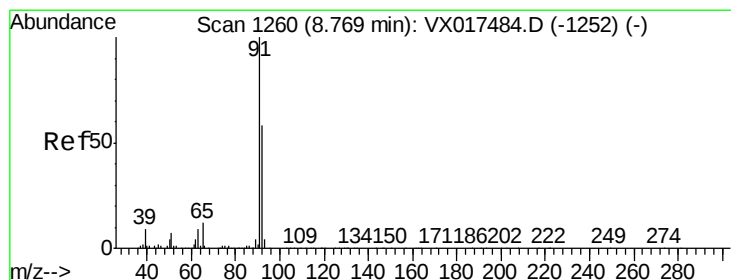
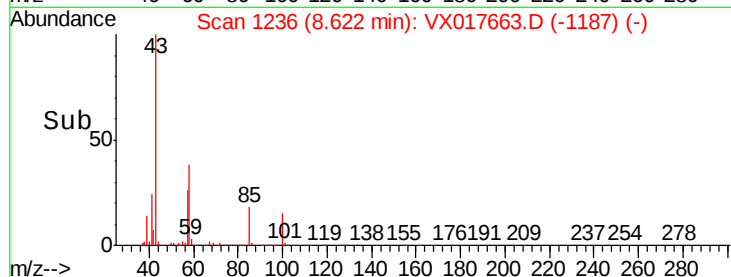
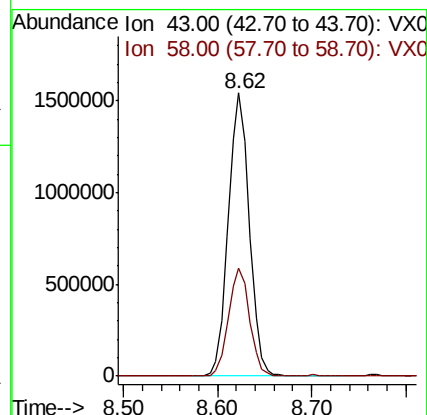
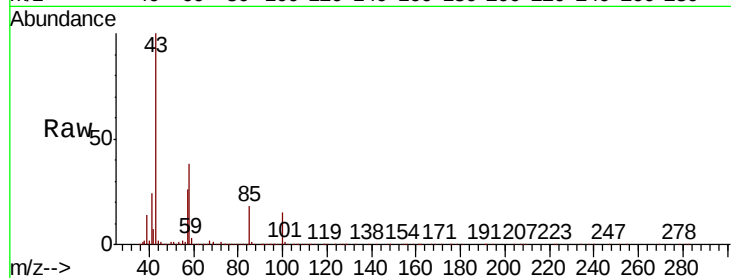
ClientSampleId :

Tot Ion: 43 Resp: 2393195

Ion Ratio Lower Upper

43 100

58 38.0 31.0 46.4



#52

Toluene

Concen: 48.791 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX017663.D

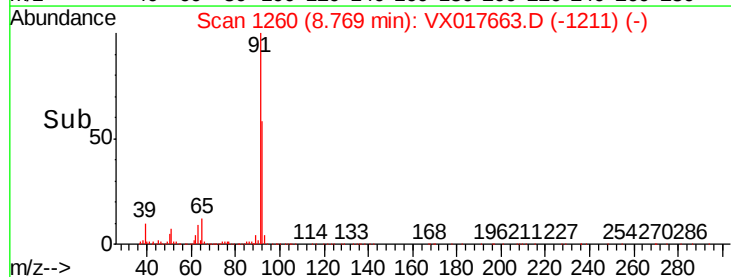
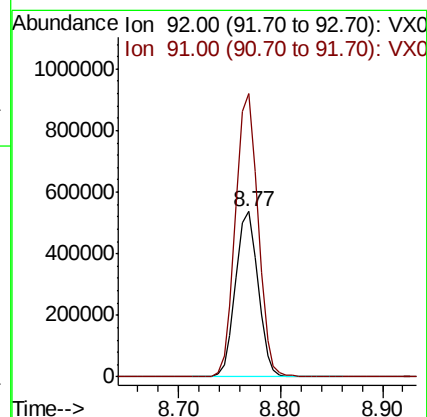
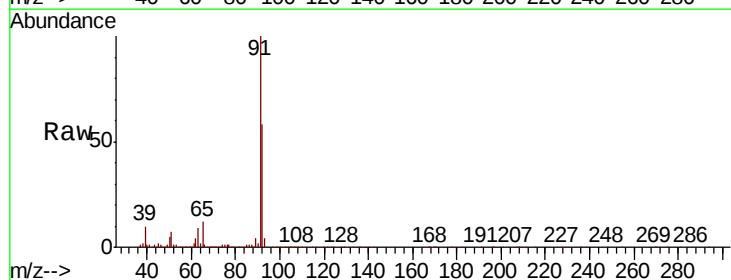
Acq: 28 Jul 2020 19:06

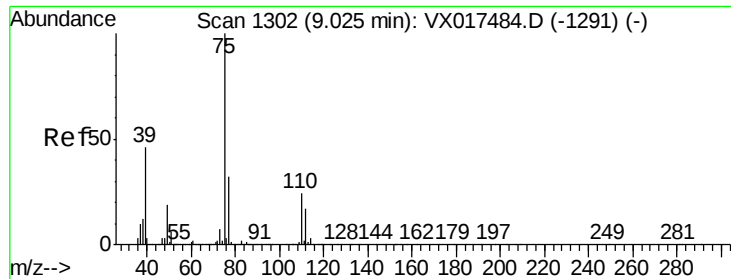
Tgt Ion: 92 Resp: 817455

Ion Ratio Lower Upper

92 100

91 171.8 137.6 206.4

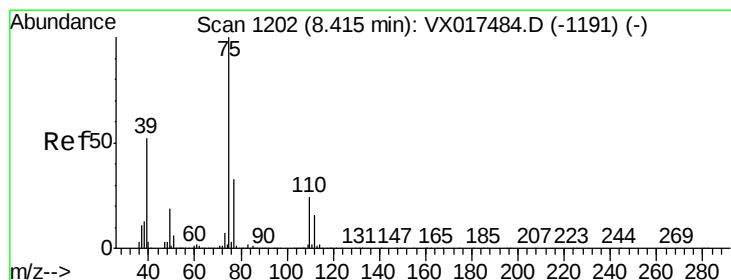
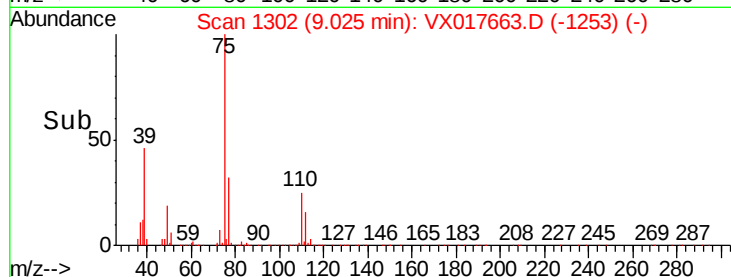
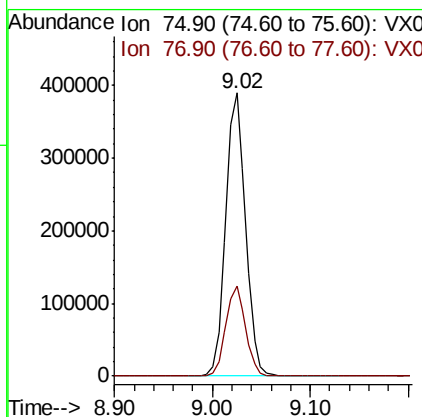
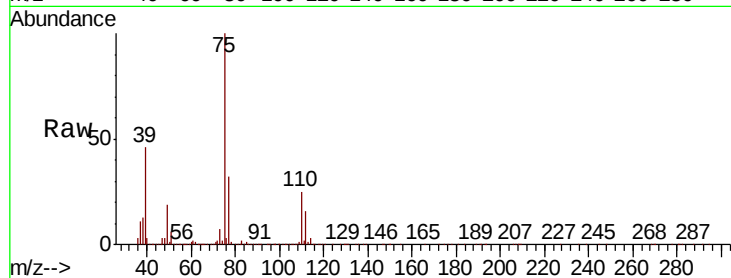




#53
t-1,3-Dichloropropene
Concen: 47.551 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

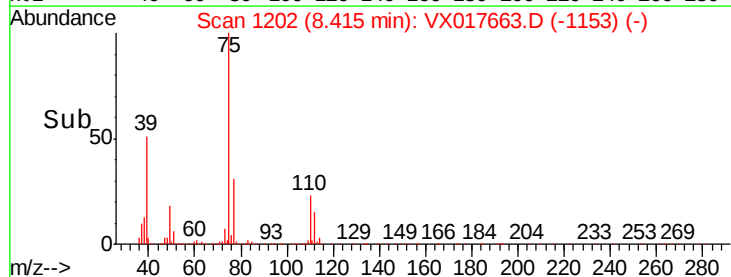
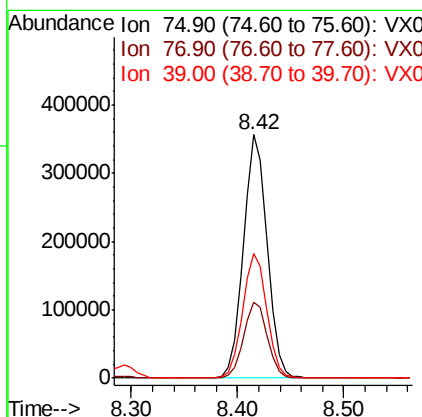
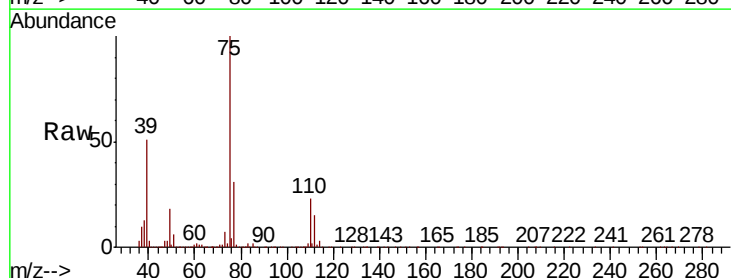
Instrument :
MSVOA_X
ClientSampleId :

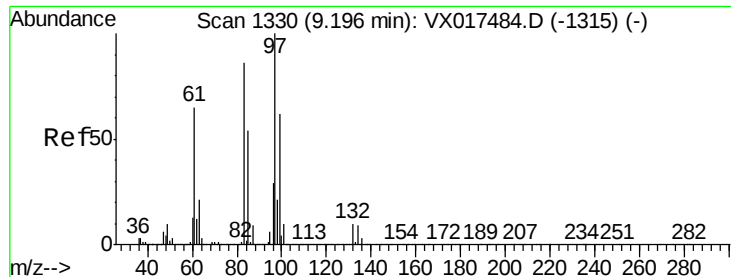
Tot Ion: 75 Resp: 548177
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 47.494 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 75 Resp: 558465
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 50.9 41.8 62.8

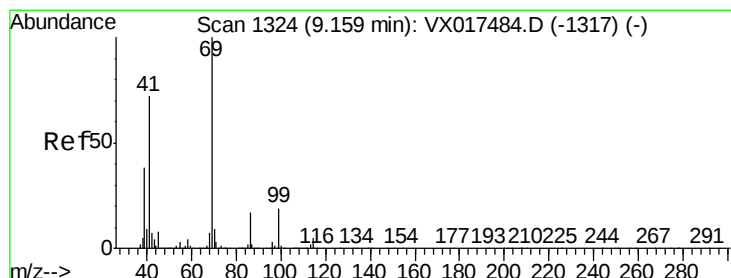
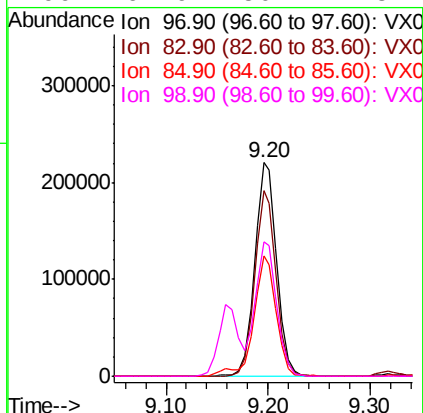
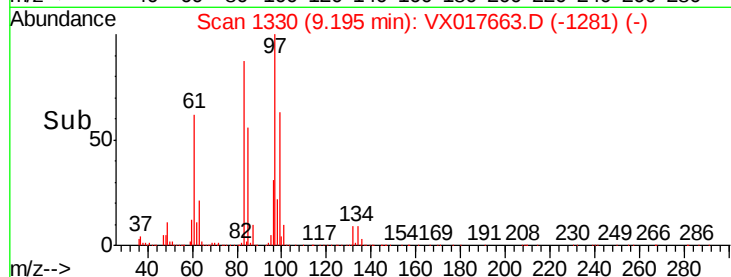
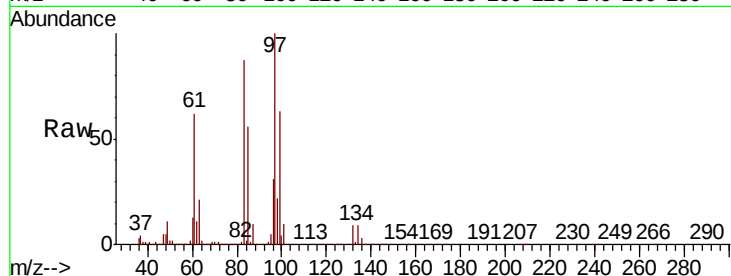




#55
 1,1,2-Trichloroethane
 Concen: 47.531 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

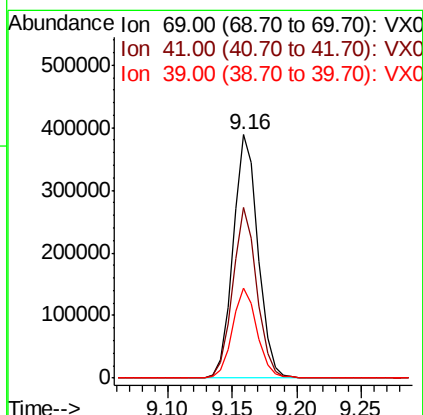
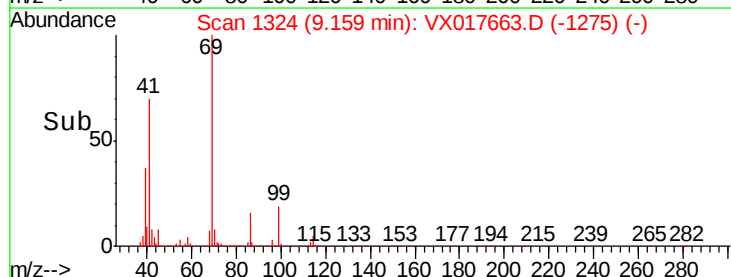
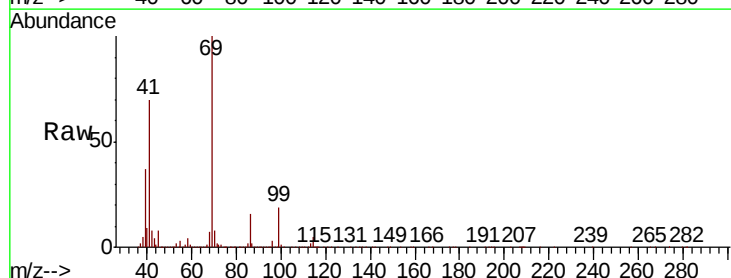
Instrument :
 MSVOA_X
 ClientSampleId :

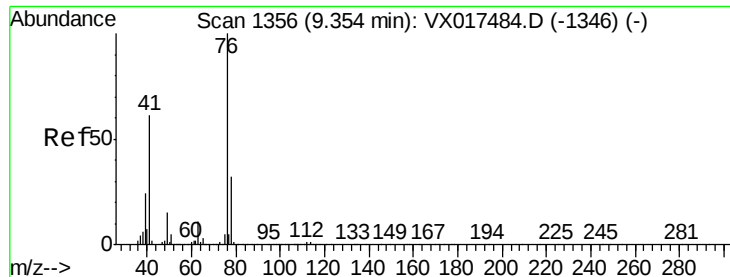
Tot Ion:	97	Resp:	331740
Ion	Ratio	Lower	Upper
97	100		
83	86.9	67.6	101.4
85	56.3	44.6	67.0
99	62.9	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 49.871 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion:	69	Resp:	524390
Ion	Ratio	Lower	Upper
69	100		
41	68.0	55.0	82.6
39	36.6	30.0	45.0





#57

1,3-Dichloropropane

Concen: 47.464 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

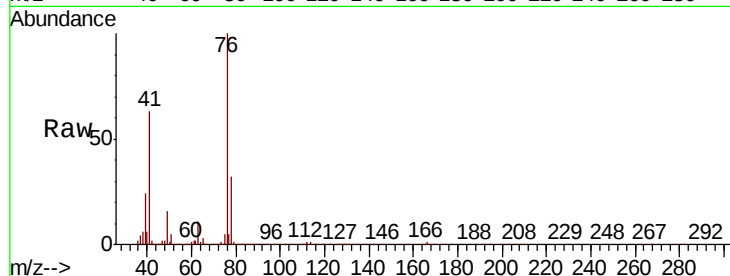
ClientSampleId :

Tot Ion: 76 Resp: 545471

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

400000

300000

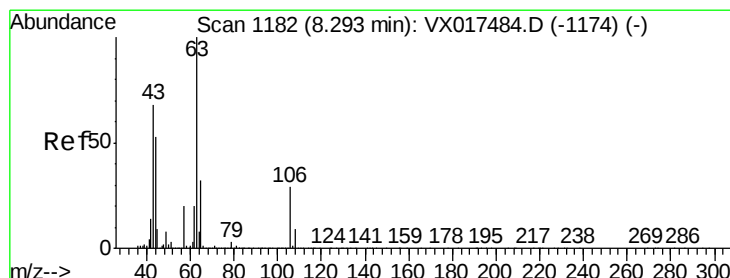
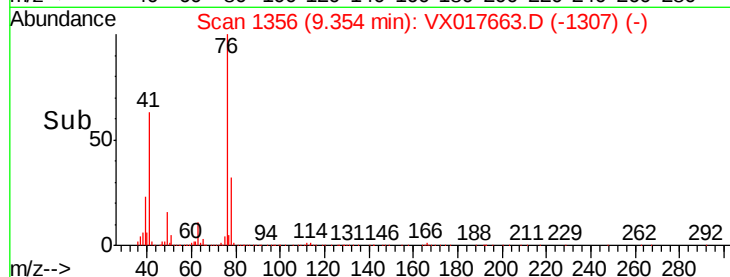
200000

100000

0

Time-->

9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 235.163 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017663.D

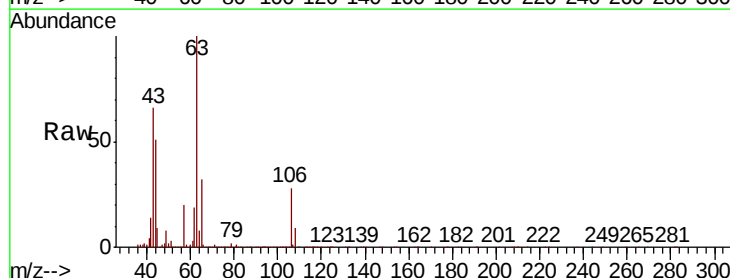
Acq: 28 Jul 2020 19:06

Tgt Ion: 63 Resp: 1302748

Ion Ratio Lower Upper

63 100

106 29.1 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

1000000

800000

600000

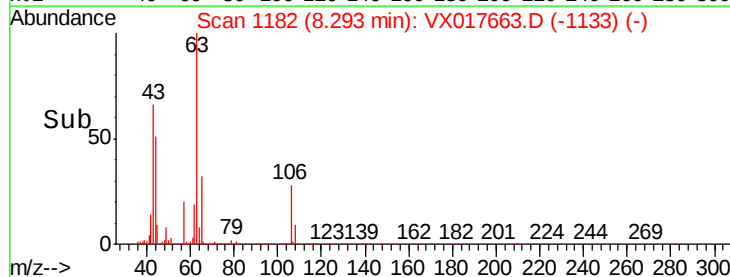
400000

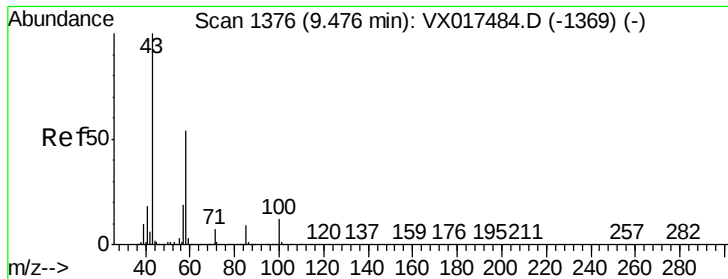
200000

0

Time-->

8.20 8.30 8.40





#59

2-Hexanone

Concen: 247.938 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

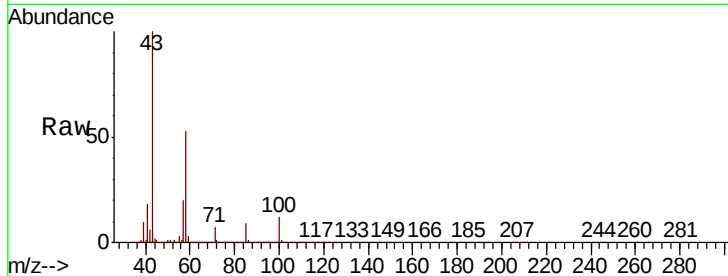
ClientSampleId :

Tot Ion: 43 Resp: 1832217

Ion Ratio Lower Upper

43 100

58 52.4 26.6 79.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

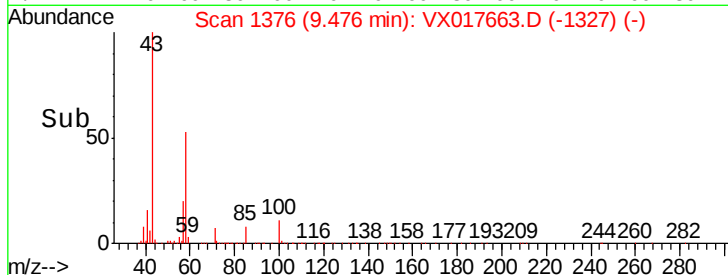
1500000

1000000

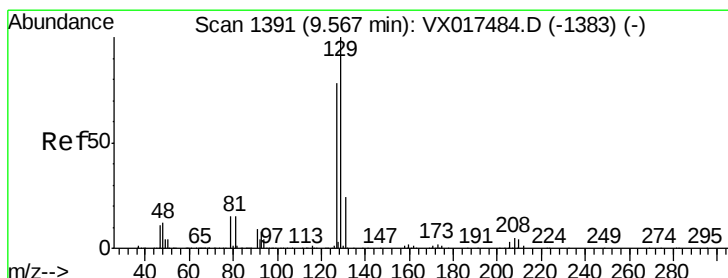
500000

0

9.40 9.50 9.60



Time-->



#60

Dibromochloromethane

Concen: 46.851 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017663.D

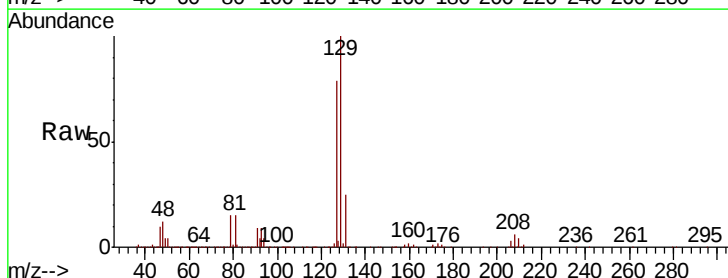
Acq: 28 Jul 2020 19:06

Tgt Ion:129 Resp: 415610

Ion Ratio Lower Upper

129 100

127 77.0 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

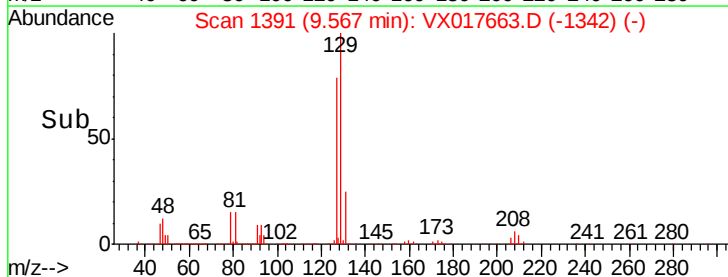
300000

200000

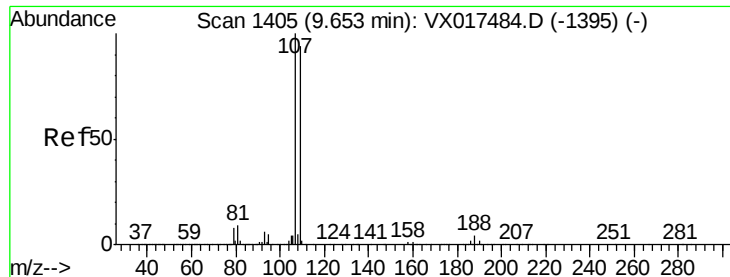
100000

0

9.50 9.55 9.60 9.65



Time-->



#61

1,2-Dibromoethane

Concen: 48.986 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

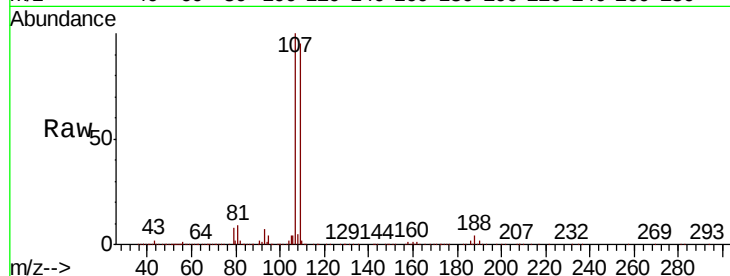
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 363996

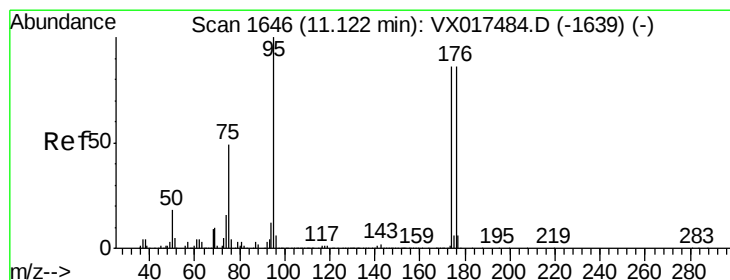
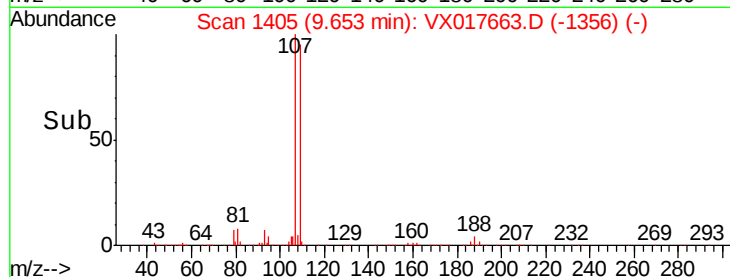
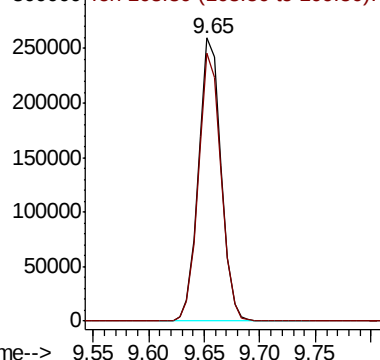
Ion Ratio Lower Upper

107 100

109 94.7 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.343 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

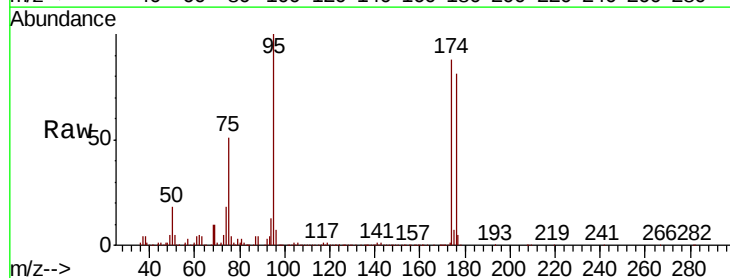
Tgt Ion: 95 Resp: 434315

Ion Ratio Lower Upper

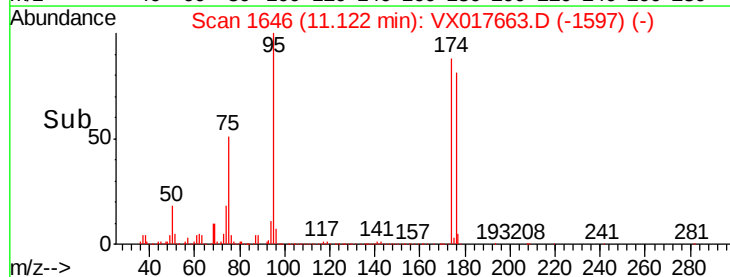
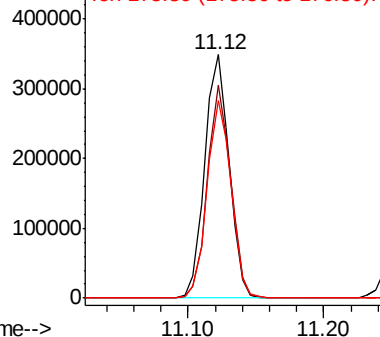
95 100

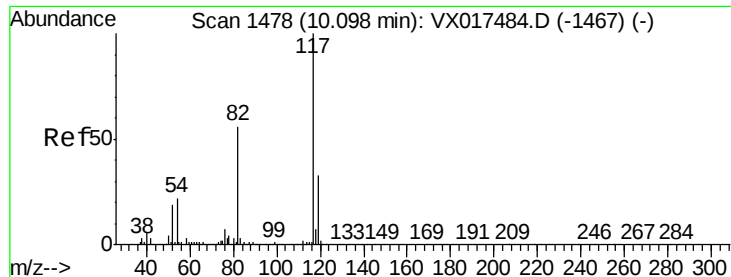
174 83.9 0.0 169.0

176 80.1 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

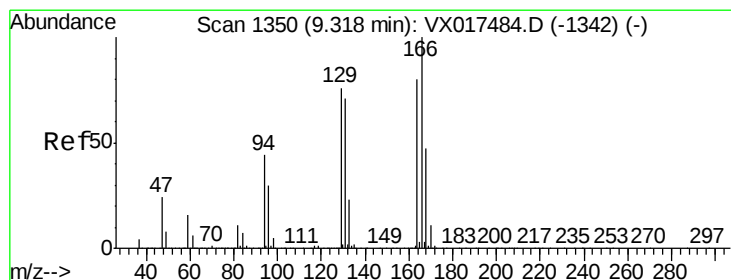
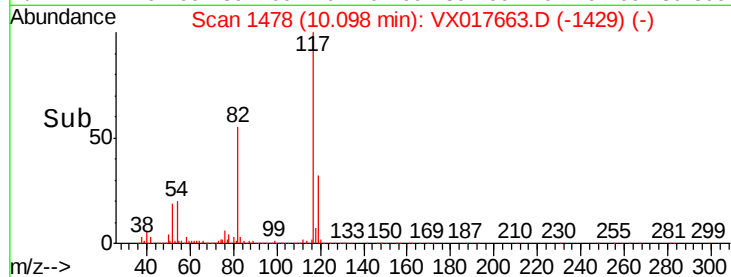
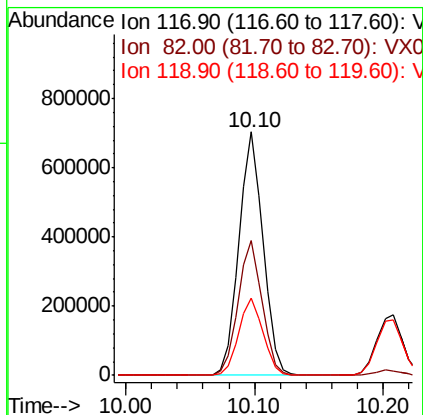
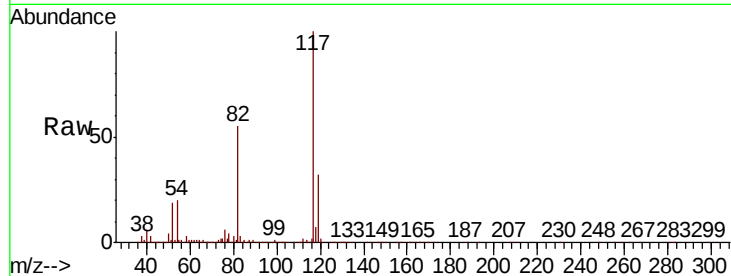




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

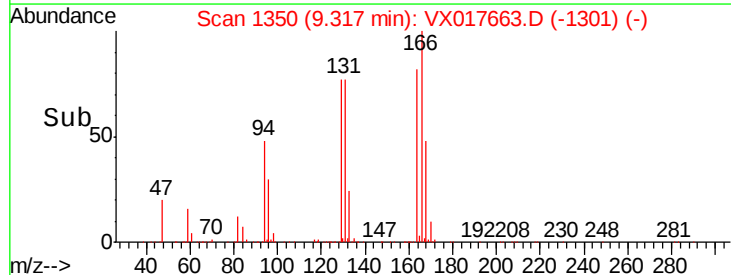
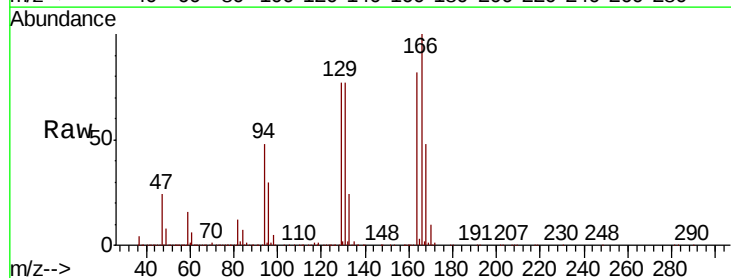
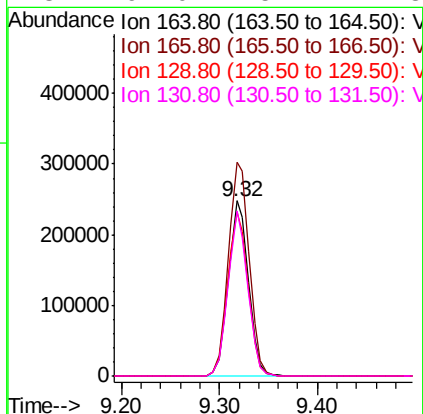
Instrument :
MSVOA_X
ClientSampled :

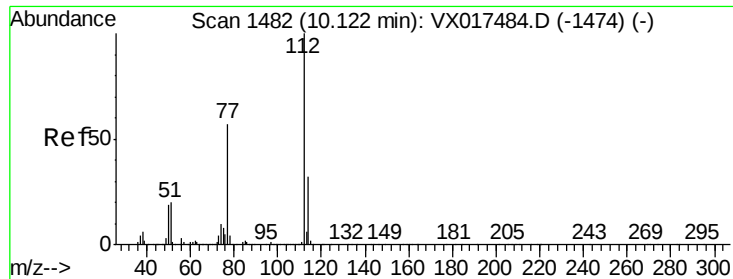
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.0	66.0
119	31.8	25.4	38.0



#64
Tetrachloroethene
Concen: 43.065 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.9	100.6	150.8
129	93.3	75.0	112.6
131	94.0	75.2	112.8

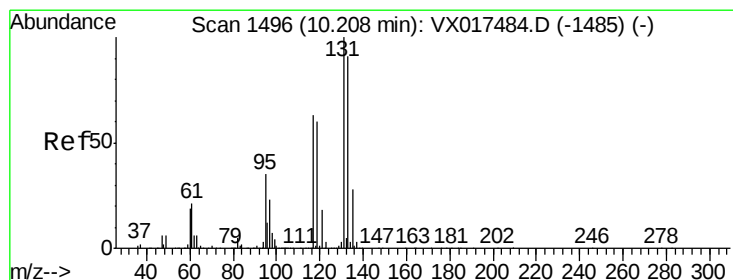
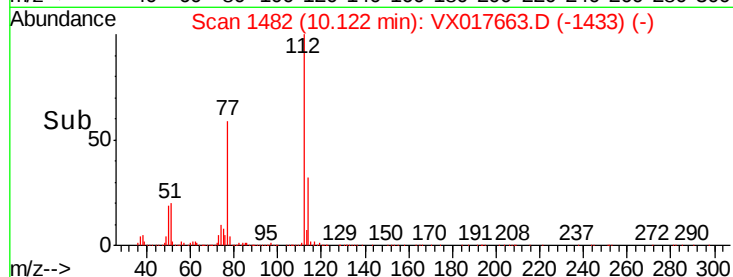
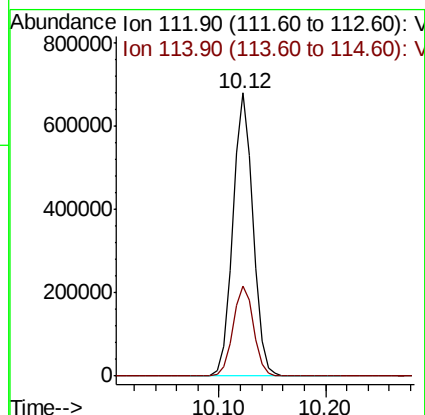
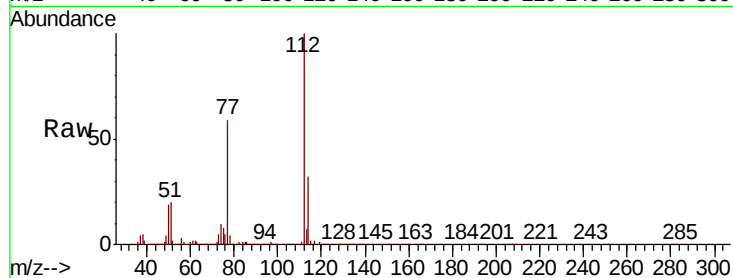




#65
Chlorobenzene
Concen: 45.626 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

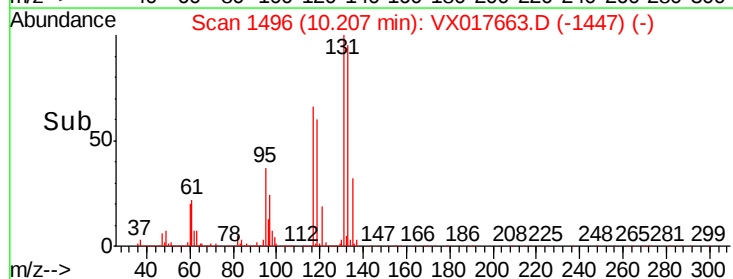
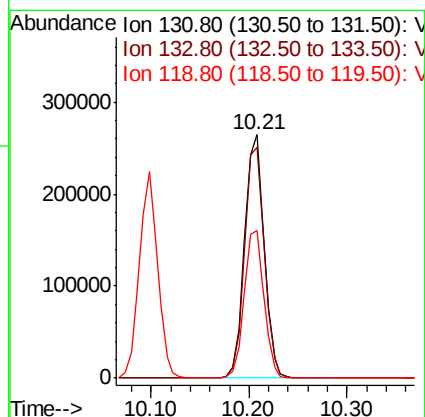
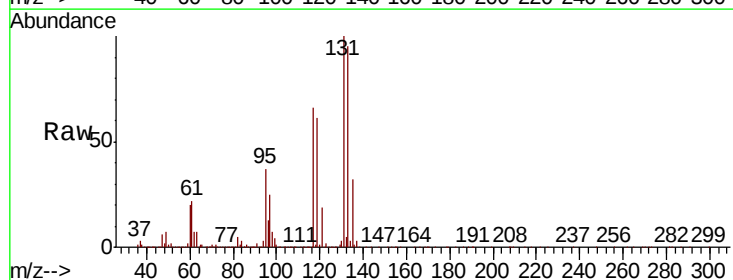
Instrument :
MSVOA_X
ClientSampleId :

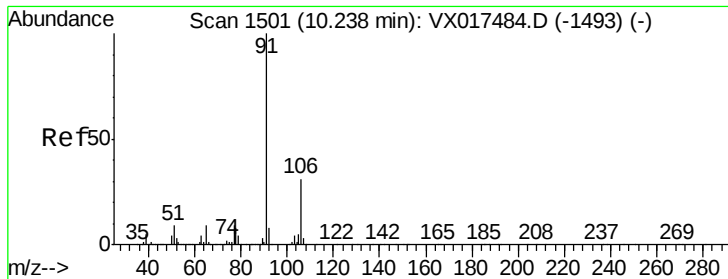
Tot Ion:112 Resp: 902188
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 46.185 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion:131 Resp: 368573
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.6
119 61.4 31.1 93.3

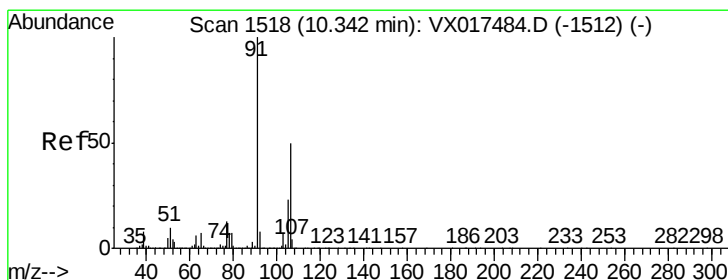
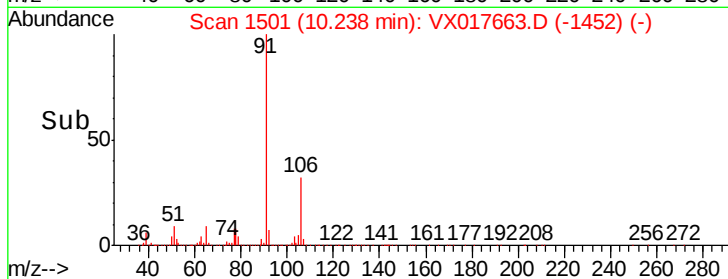
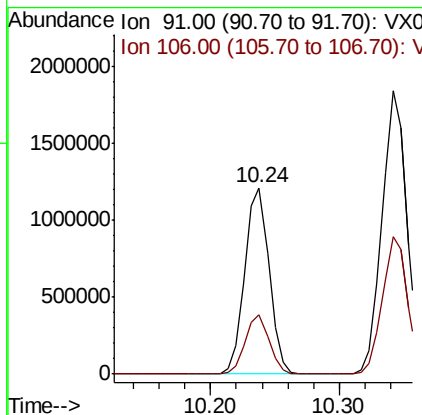
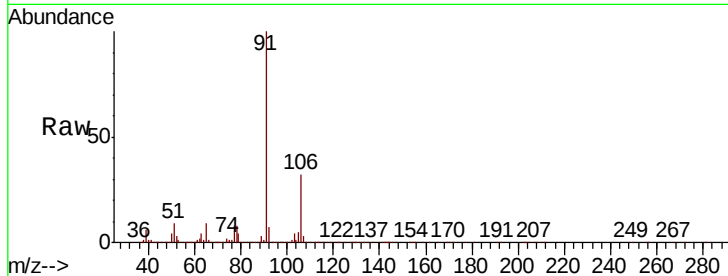




#67
Ethyl Benzene
Concen: 47.920 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

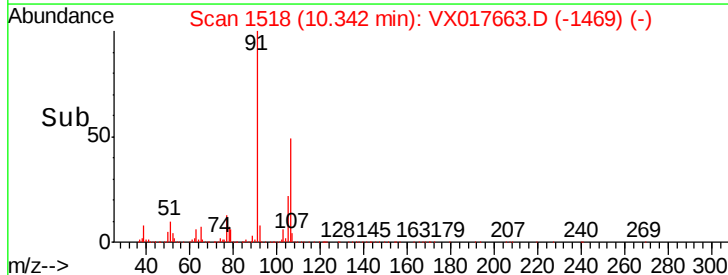
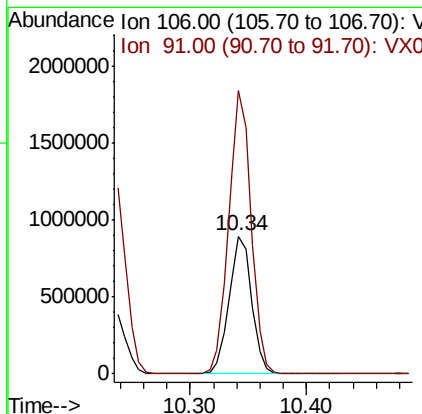
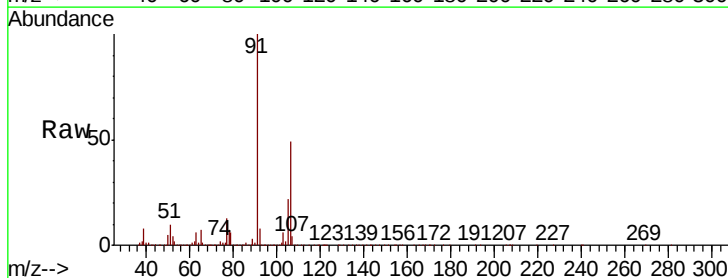
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 1581743
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.6



#68
m/p-Xylenes
Concen: 94.428 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 106 Resp: 1207457
Ion Ratio Lower Upper
106 100
91 203.7 160.9 241.3

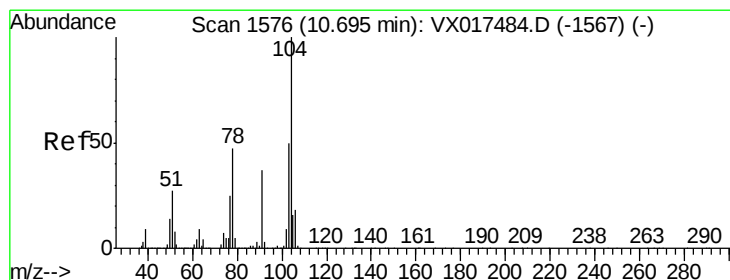
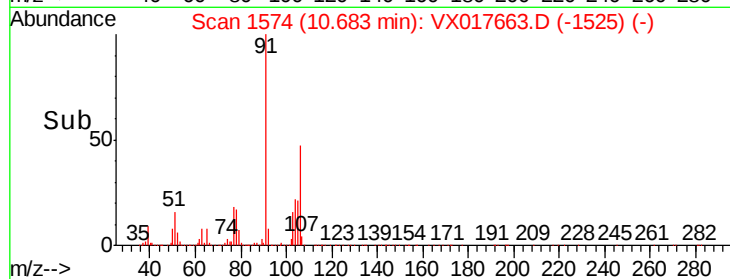
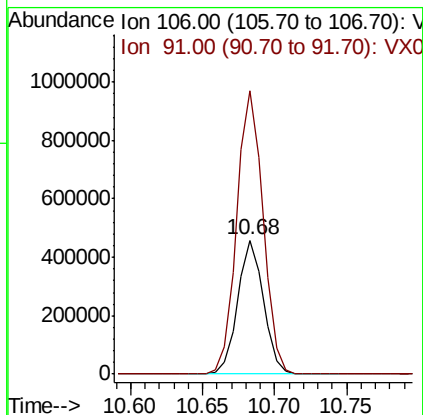
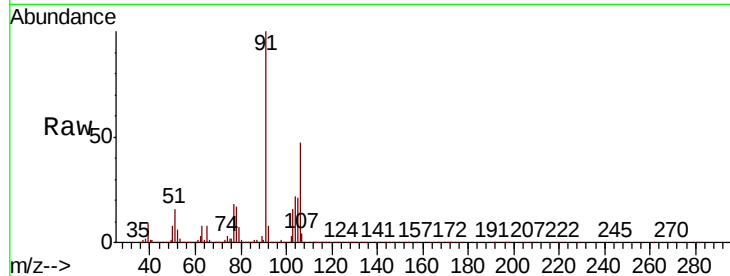




#69
o-Xylene
Concen: 46.685 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

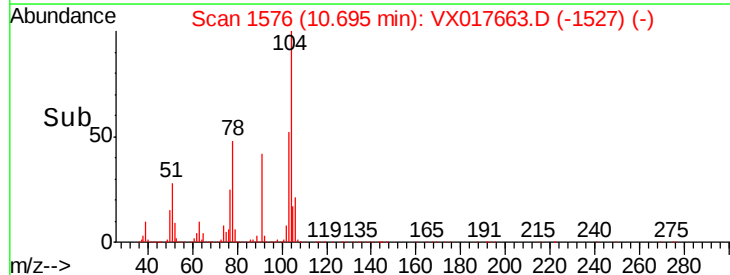
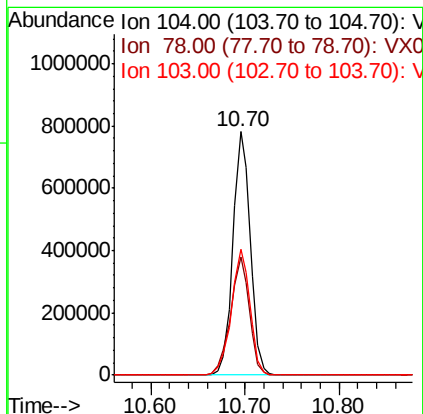
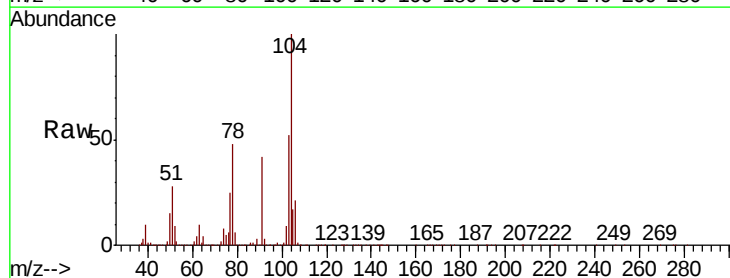
Instrument :
MSVOA_X
ClientSampleId :

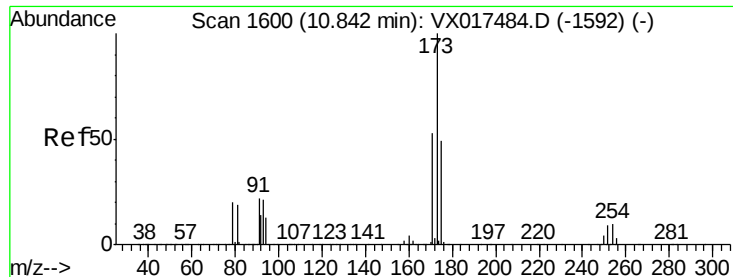
Tot Ion:106 Resp: 574149
Ion Ratio Lower Upper
106 100
91 215.4 108.2 324.6



#70
Styrene
Concen: 47.686 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion:104 Resp: 997802
Ion Ratio Lower Upper
104 100
78 52.4 42.5 63.7
103 55.4 44.3 66.5





#71

Bromoform

Concen: 47.109 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

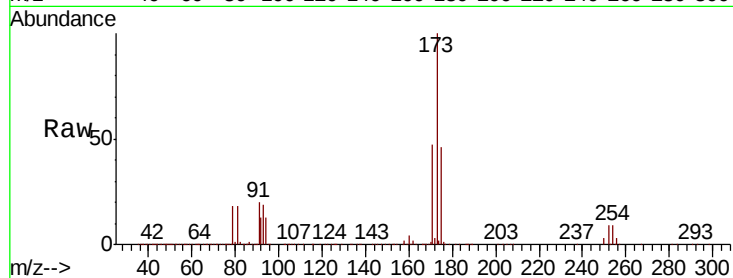
Tot Ion:173 Resp: 325717

Ion Ratio Lower Upper

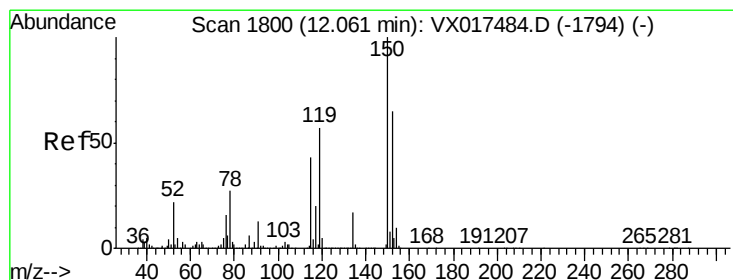
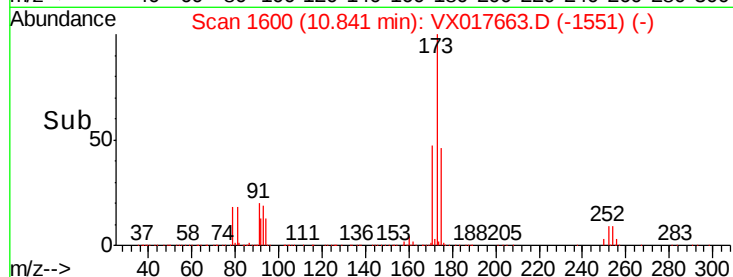
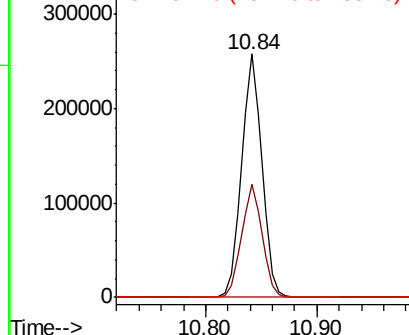
173 100

175 46.7 23.8 71.5

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

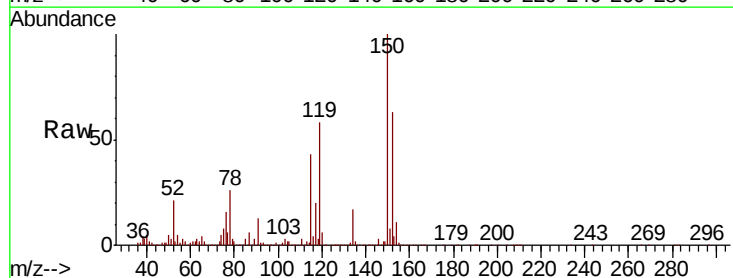
Tgt Ion:152 Resp: 479080

Ion Ratio Lower Upper

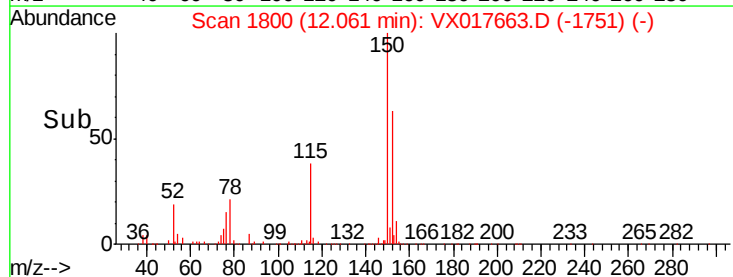
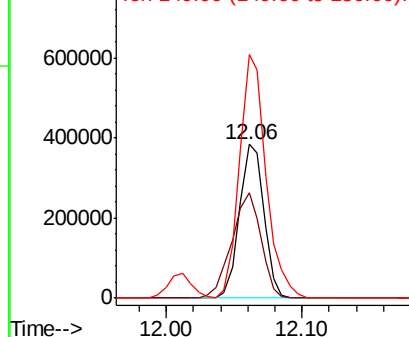
152 100

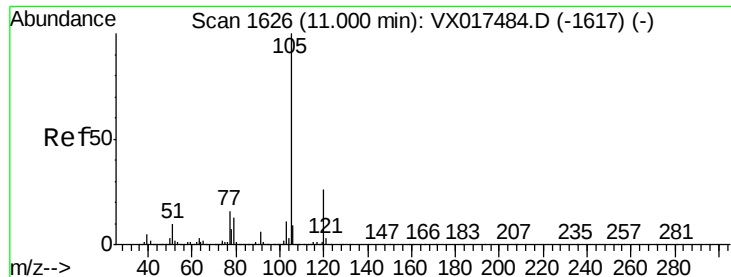
115 81.5 65.5 196.6

150 171.6 0.0 412.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.769 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

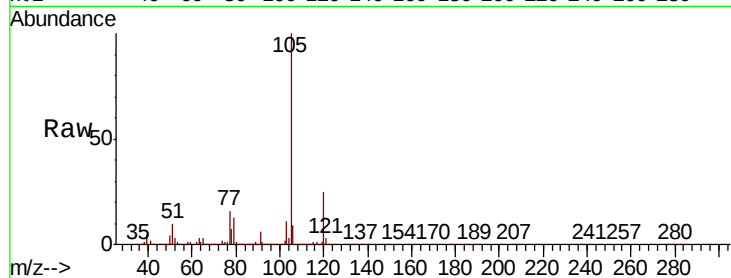
ClientSampleId :

Tot Ion:105 Resp: 1569947

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

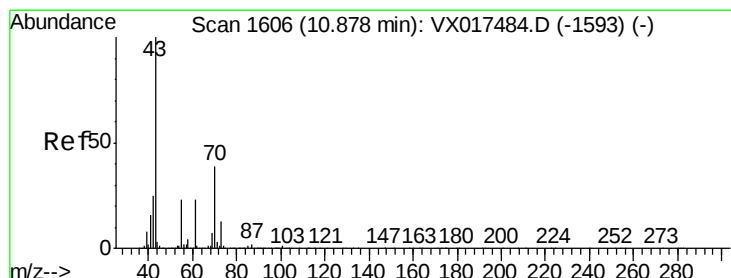
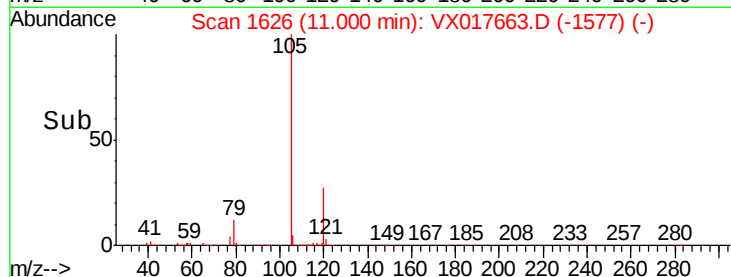
11.00

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 47.993 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion: 43 Resp: 700824

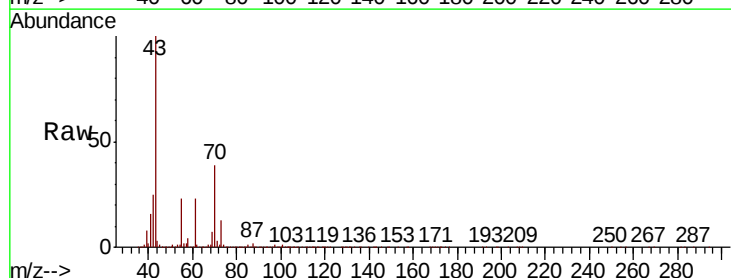
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 23.5 18.4 27.6

61 23.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

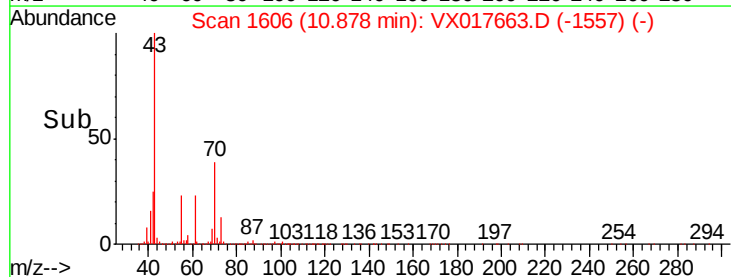
600000

400000

200000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 45.943 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampled :

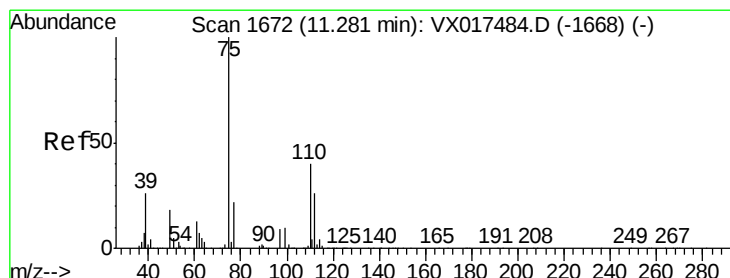
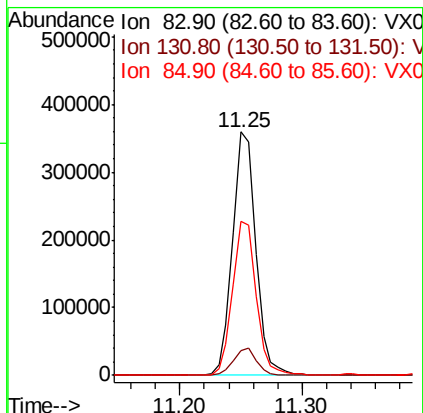
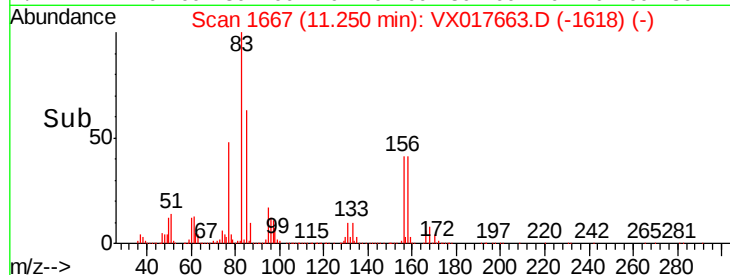
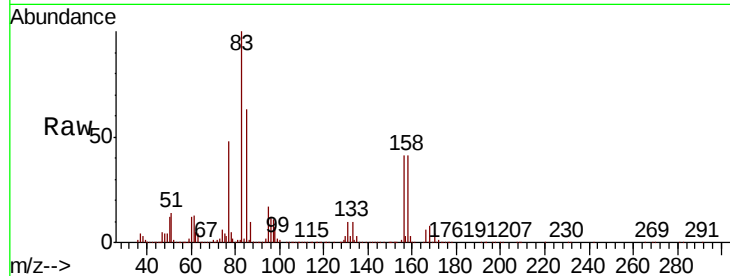
Tot Ion: 83 Resp: 471304

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.5

85 64.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 60.641 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017663.D

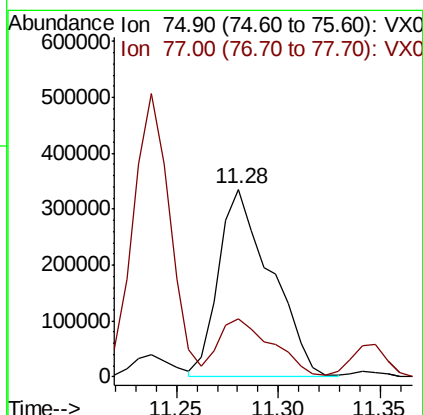
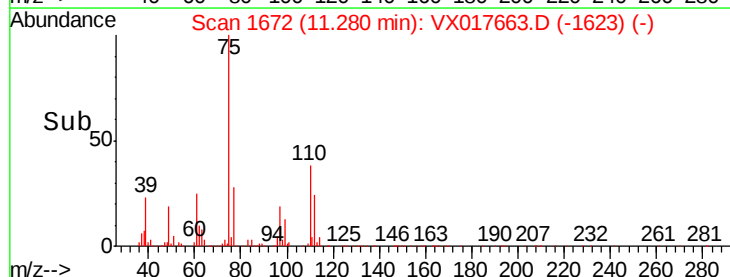
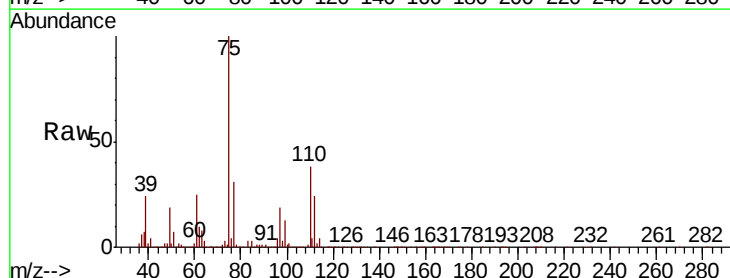
Acq: 28 Jul 2020 19:06

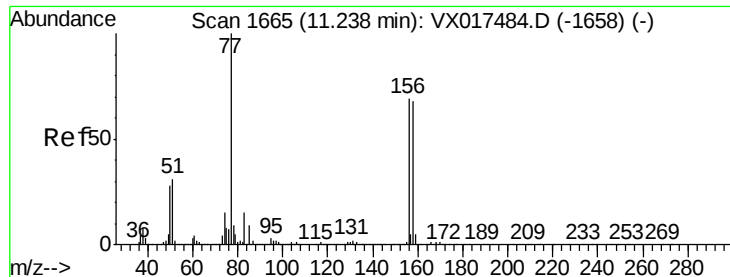
Tgt Ion: 75 Resp: 597614

Ion Ratio Lower Upper

75 100

77 31.4 21.8 65.3





#77

Bromobenzene

Concen: 45.924 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

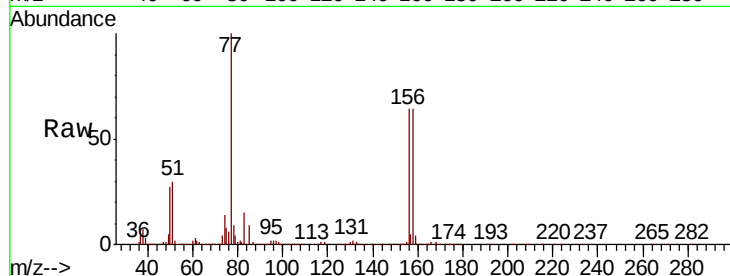
Tot Ion:156 Resp: 422539

Ion Ratio Lower Upper

156 100

77 150.9 75.0 225.0

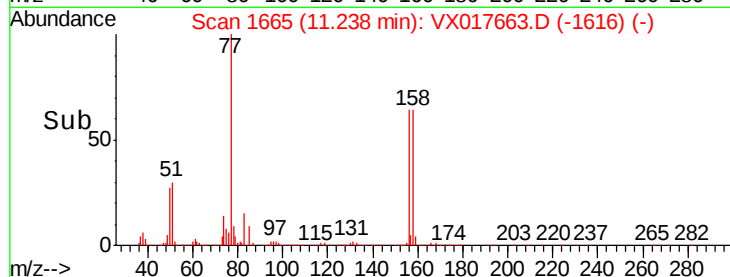
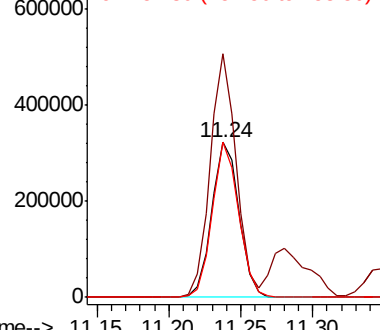
158 96.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.822 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX017663.D

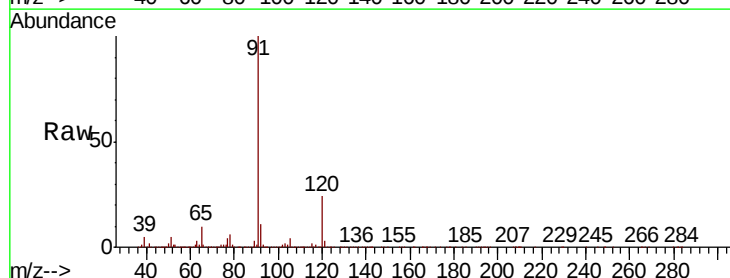
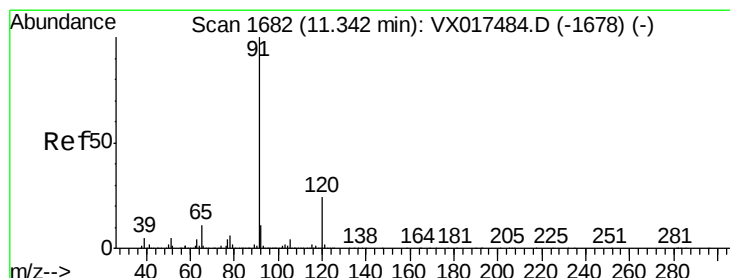
Acq: 28 Jul 2020 19:06

Tgt Ion: 91 Resp: 1772642

Ion Ratio Lower Upper

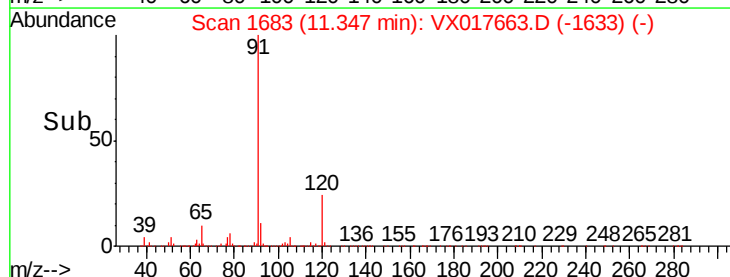
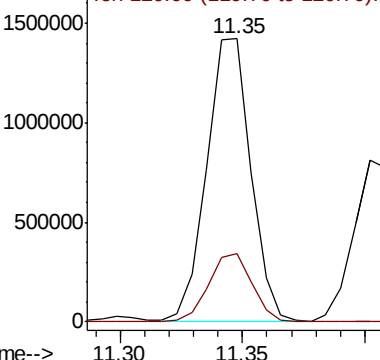
91 100

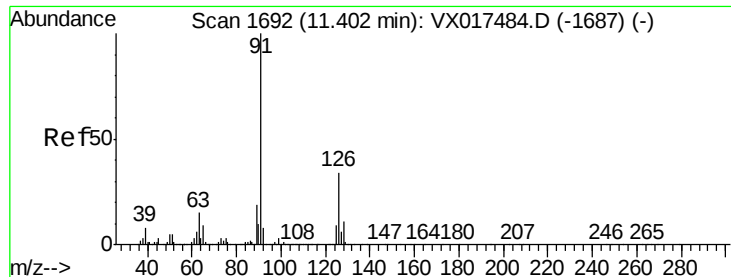
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.052 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

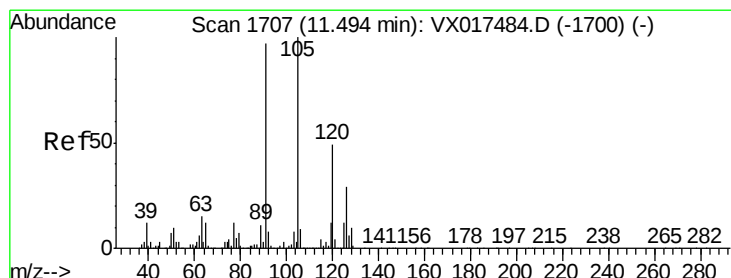
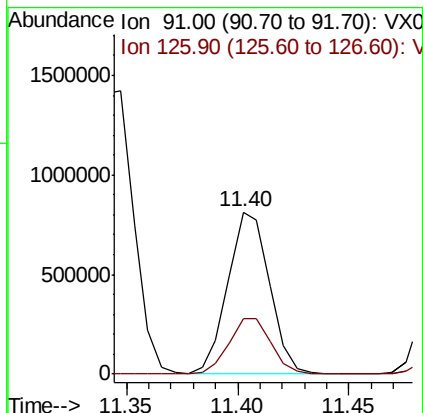
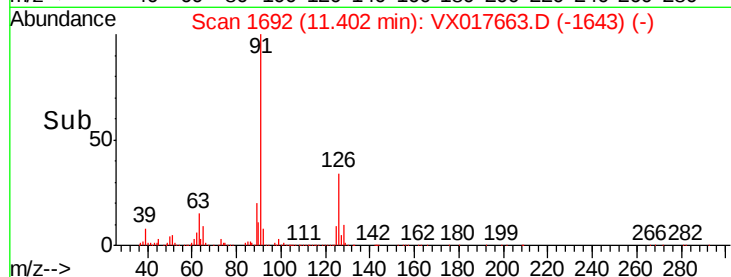
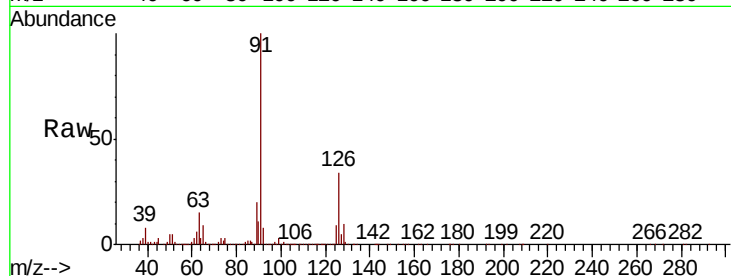
ClientSampleId :

Tot Ion: 91 Resp: 1057424

Ion Ratio Lower Upper

91 100

126 35.1 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 47.335 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017663.D

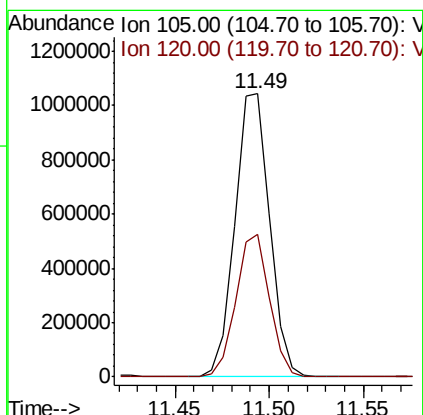
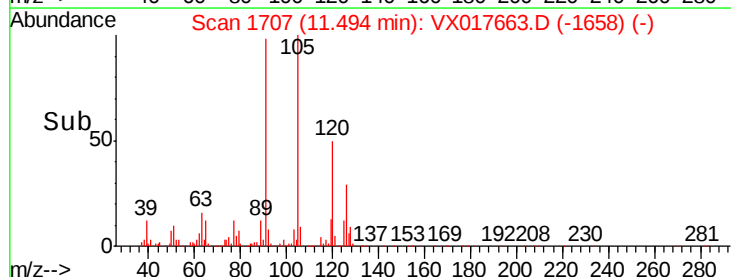
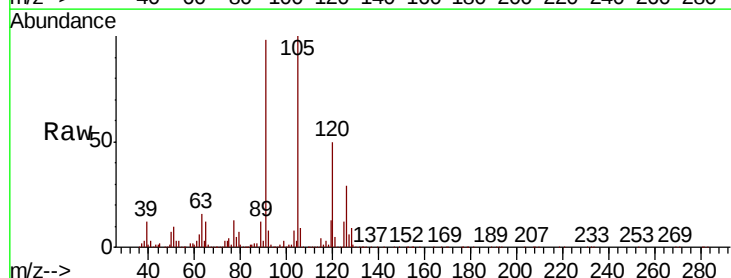
Acq: 28 Jul 2020 19:06

Tgt Ion: 105 Resp: 1328275

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.930 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

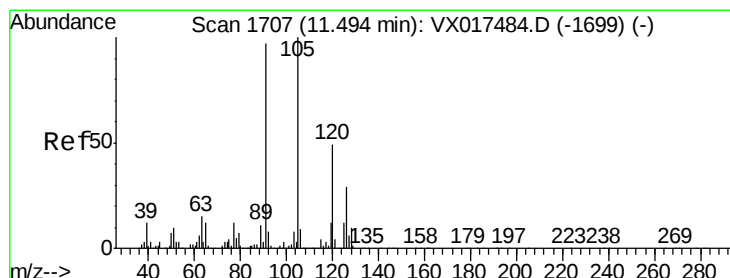
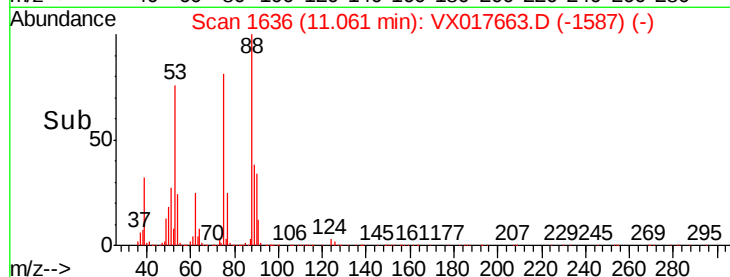
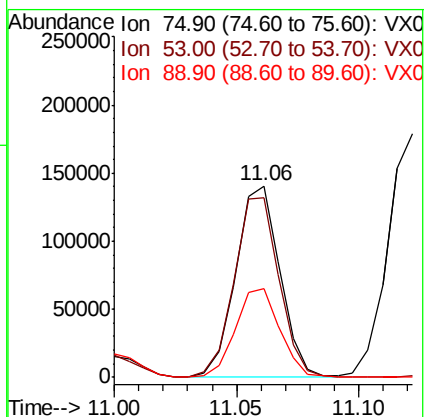
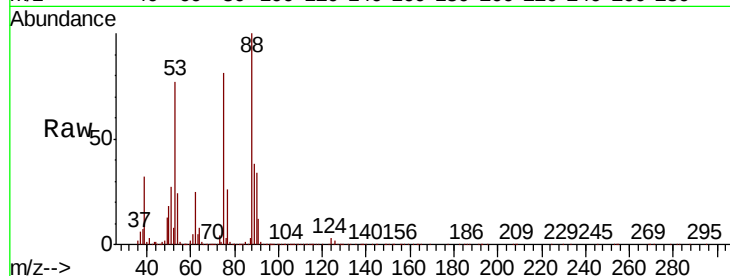
Tot Ion: 75 Resp: 175721

Ion Ratio Lower Upper

75 100

53 95.8 75.9 113.9

89 46.7 37.8 56.6



#82

4-Chlorotoluene

Concen: 46.806 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017663.D

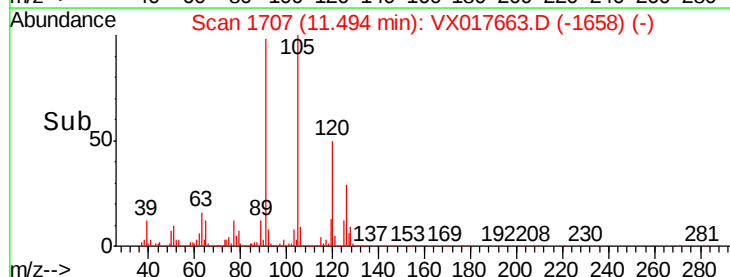
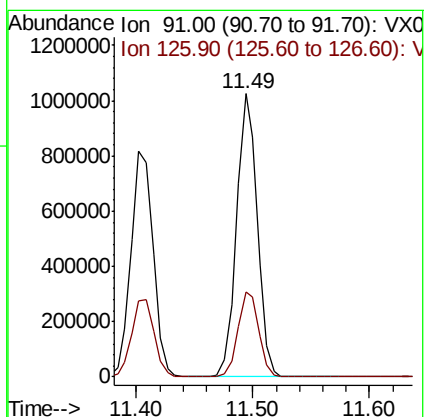
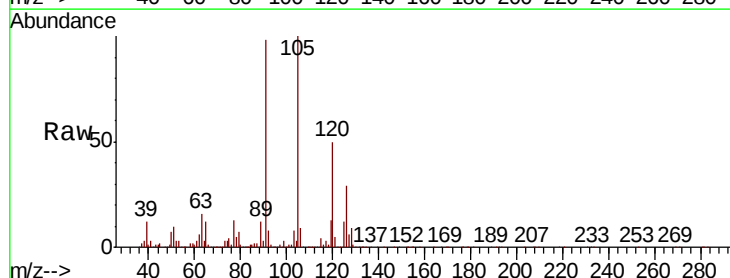
Acq: 28 Jul 2020 19:06

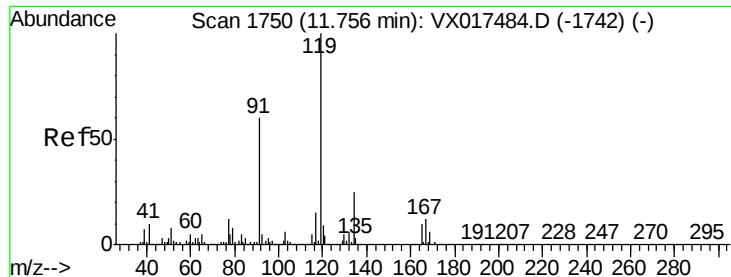
Tgt Ion: 91 Resp: 1267787

Ion Ratio Lower Upper

91 100

126 30.3 15.2 45.6





#83

tert-Butylbenzene

Concen: 48.383 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

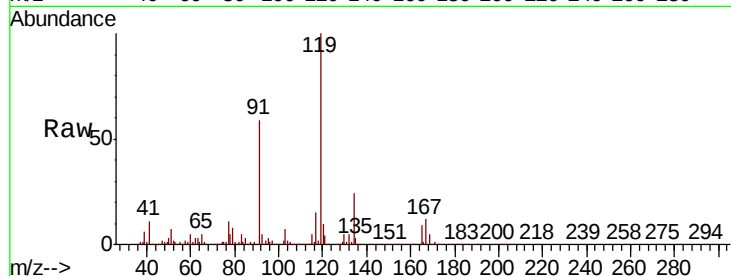
Tot Ion:119 Resp: 1299101

Ion Ratio Lower Upper

119 100

91 57.8 29.3 88.0

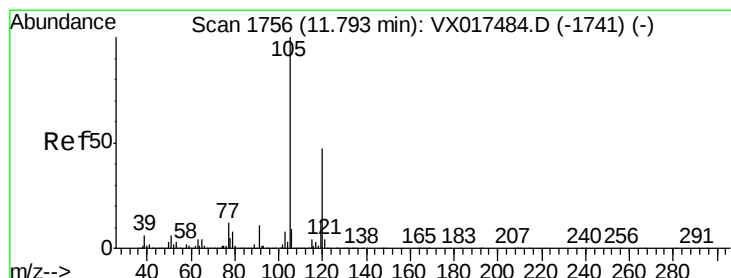
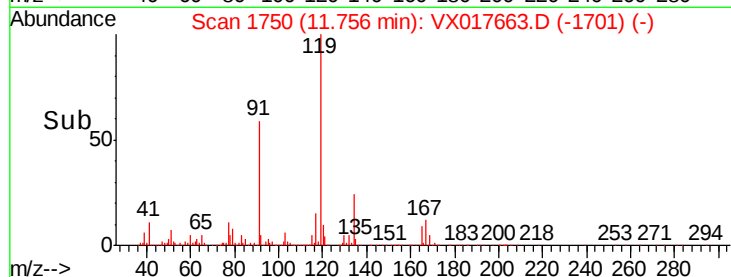
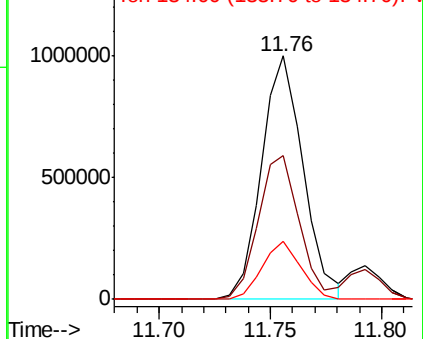
134 22.5 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.834 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017663.D

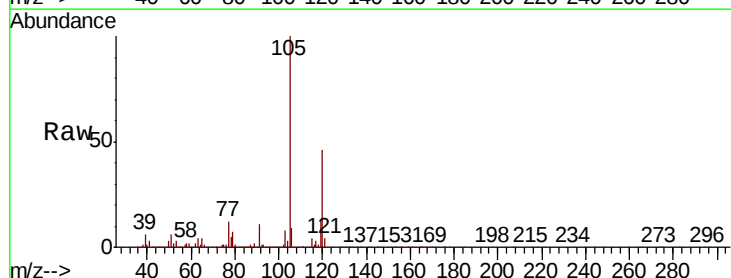
Acq: 28 Jul 2020 19:06

Tgt Ion:105 Resp: 1362970

Ion Ratio Lower Upper

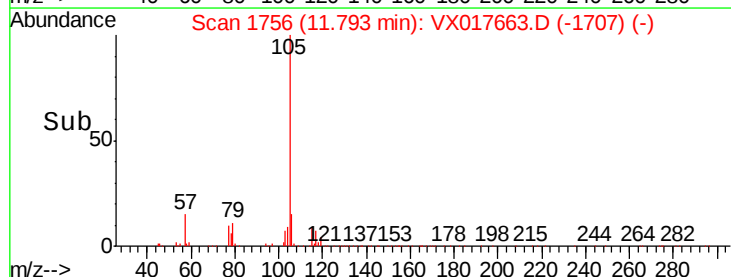
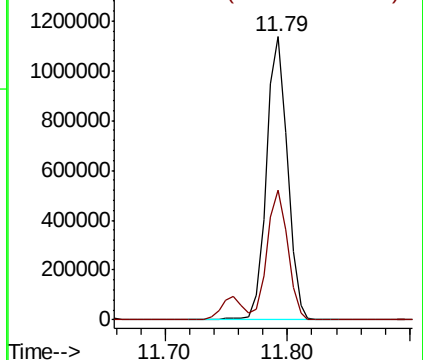
105 100

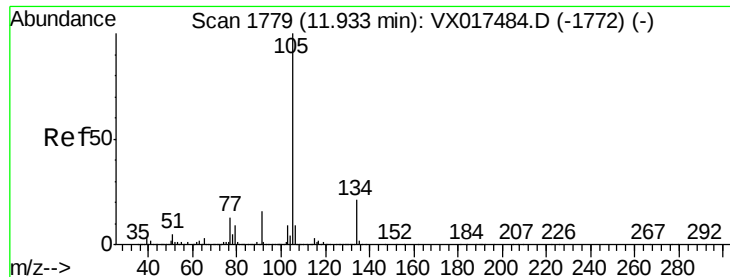
120 45.0 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.433 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

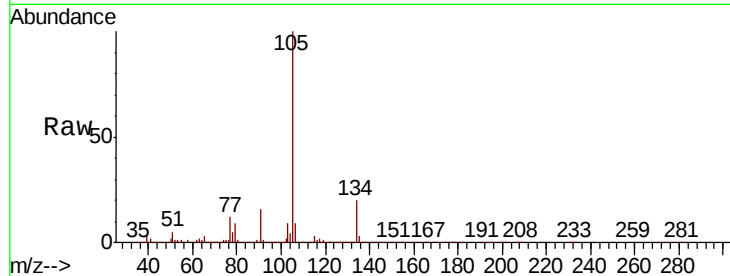
ClientSampled :

Tot Ion:105 Resp: 1483657

Ion Ratio Lower Upper

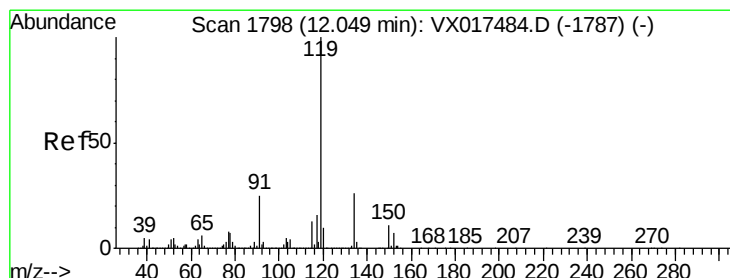
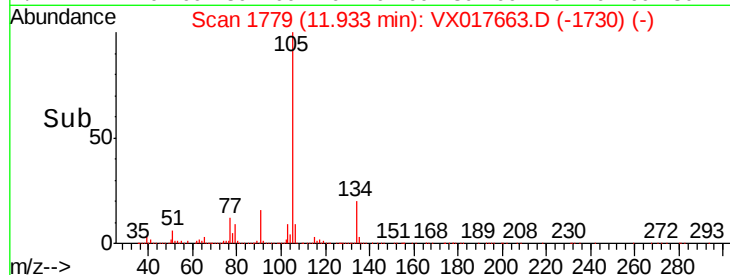
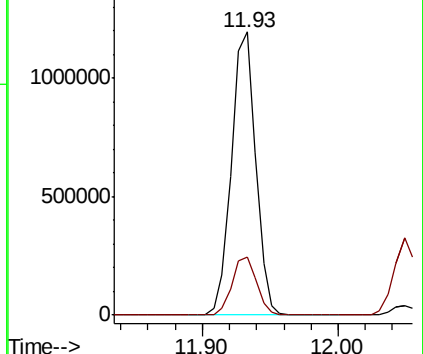
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.440 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

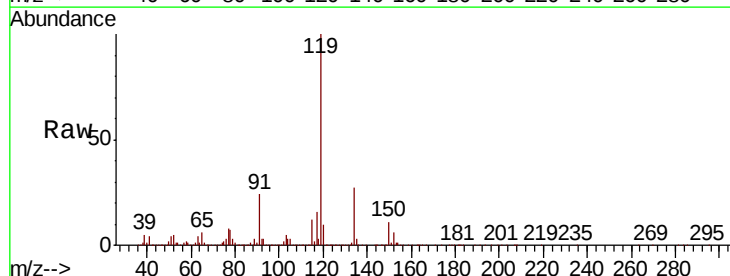
Tgt Ion:119 Resp: 1413101

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

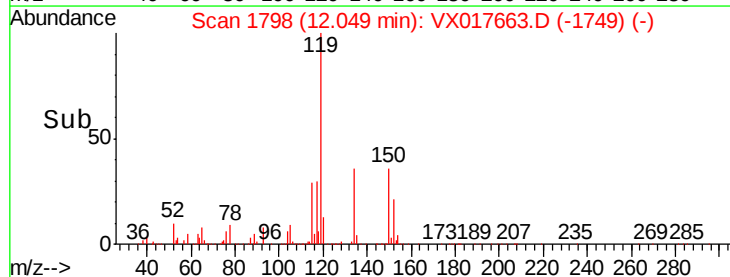
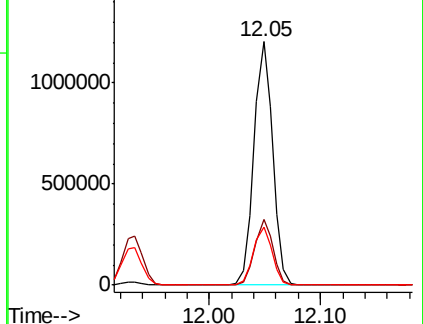
91 23.9 12.1 36.3

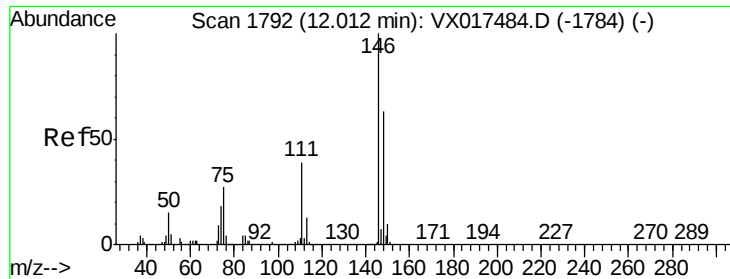


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 45.307 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

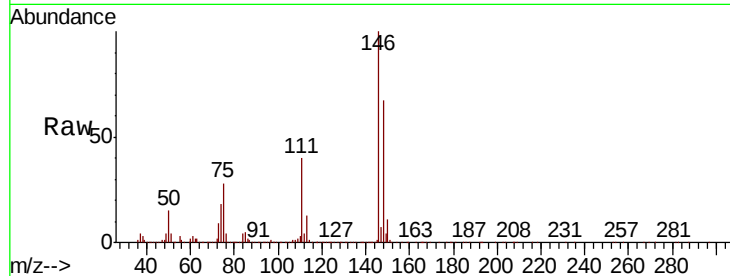
Tot Ion:146 Resp: 715856

Ion Ratio Lower Upper

146 100

111 41.2 19.9 59.7

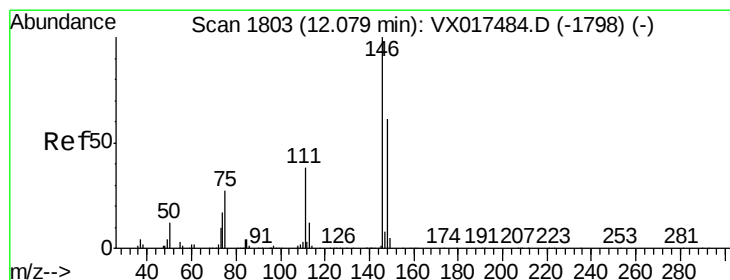
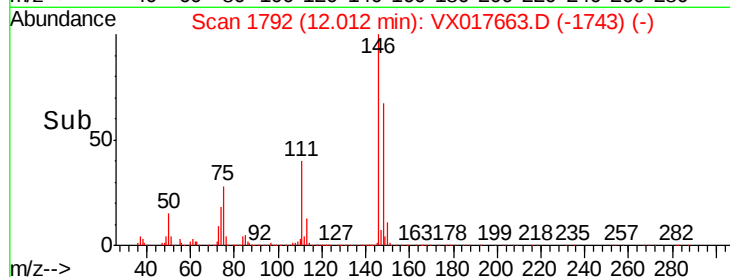
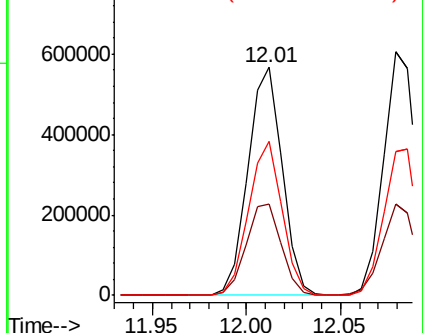
148 65.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 45.824 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

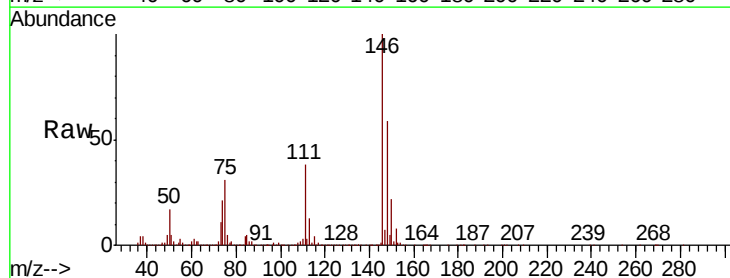
Tgt Ion:146 Resp: 749956

Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.8

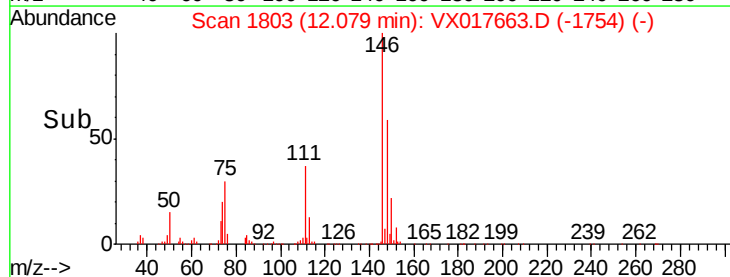
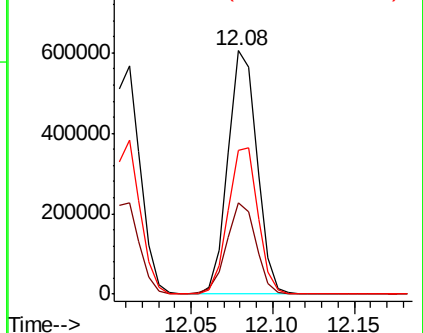
148 61.9 32.2 96.6

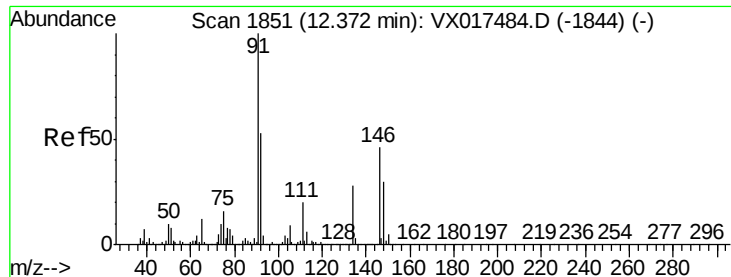


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

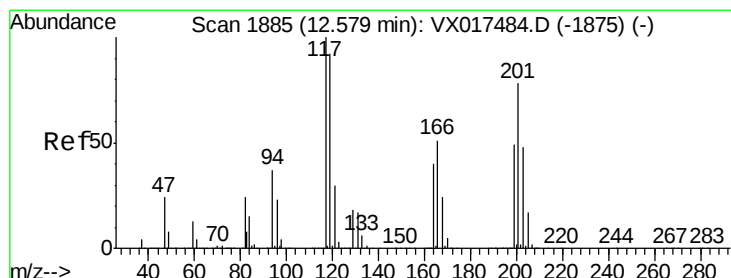
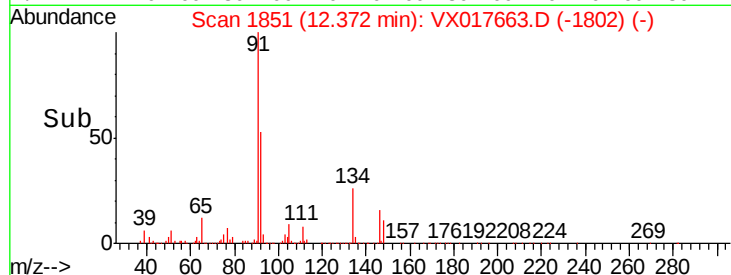
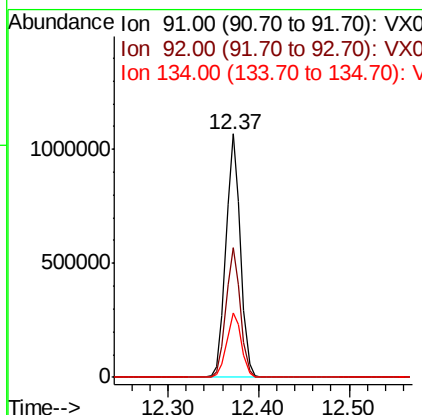
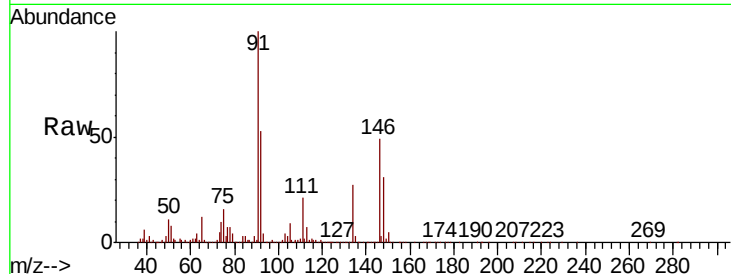




#89
n-Butylbenzene
Concen: 45.275 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

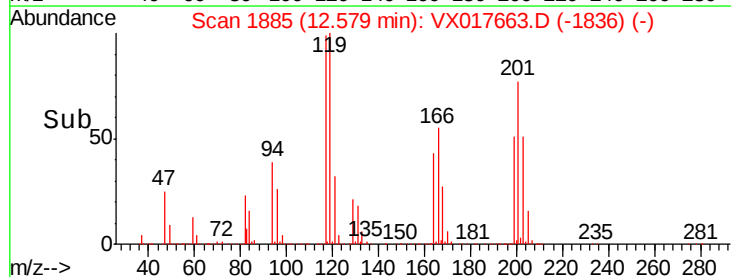
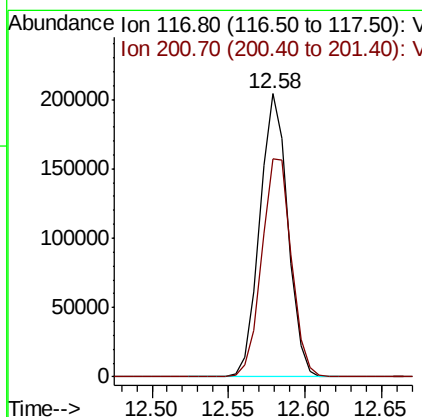
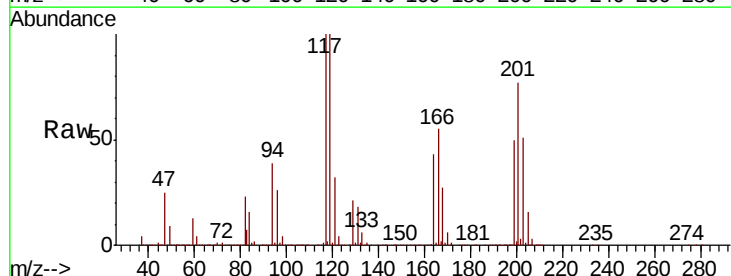
Instrument :
MSVOA_X
ClientSampled :

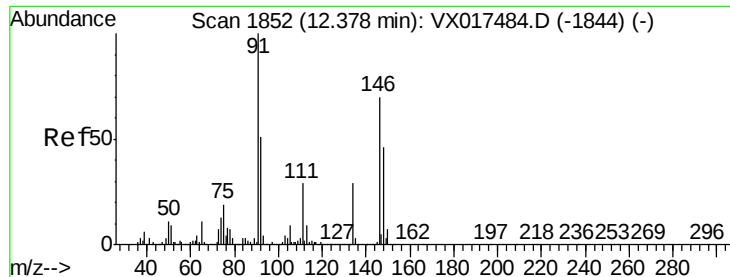
Tot Ion: 91 Resp: 1201685
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.1
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 44.680 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017663.D
Acq: 28 Jul 2020 19:06

Tgt Ion: 117 Resp: 262385
Ion Ratio Lower Upper
117 100
201 81.5 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 45.637 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

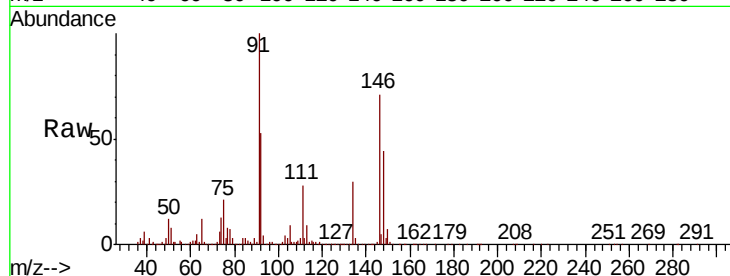
Tot Ion:146 Resp: 708689

Ion Ratio Lower Upper

146 100

111 41.2 20.9 62.8

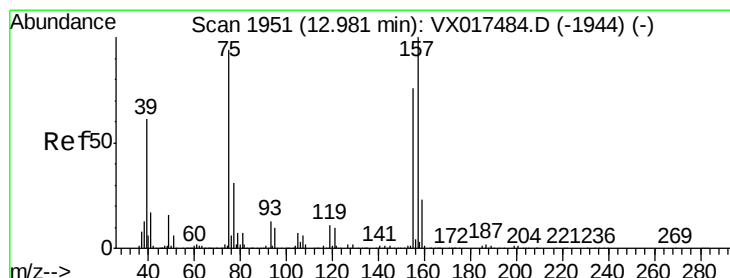
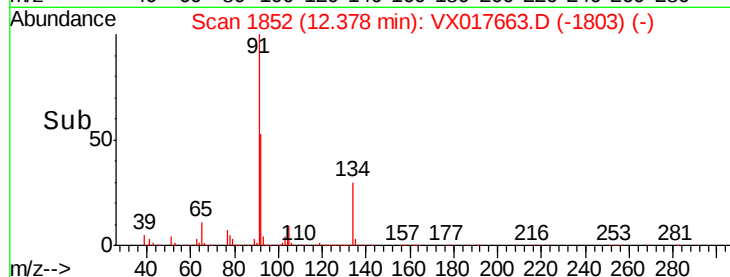
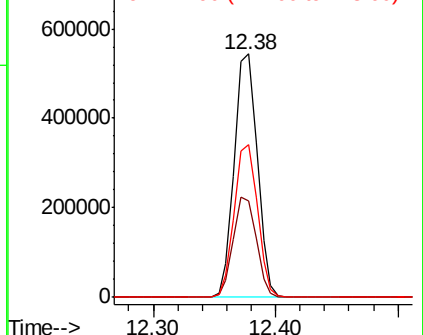
148 63.0 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.975 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

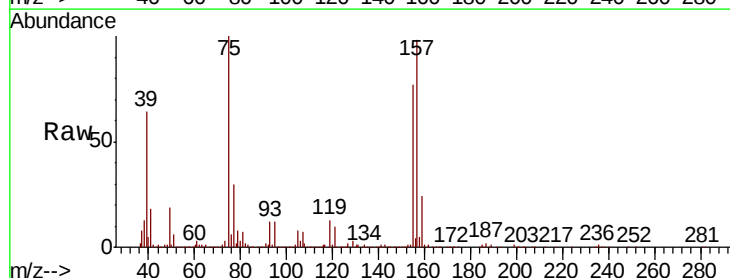
Tgt Ion: 75 Resp: 123568

Ion Ratio Lower Upper

75 100

155 83.1 42.3 126.8

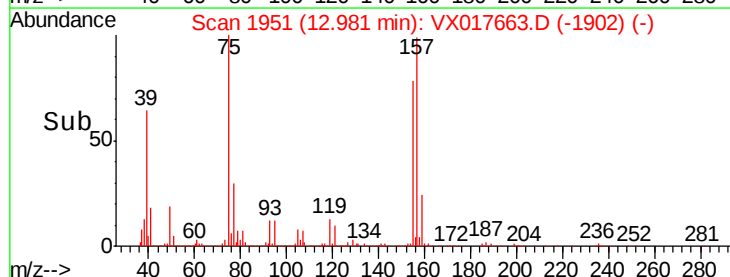
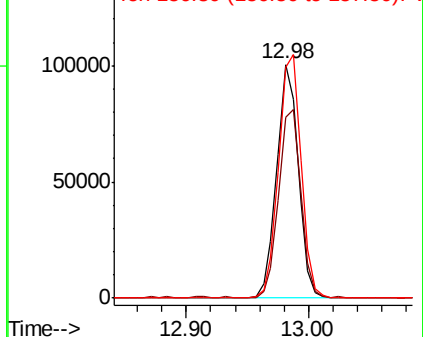
157 108.6 54.3 162.9

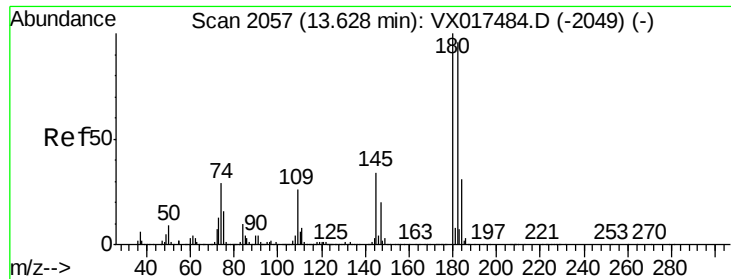


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

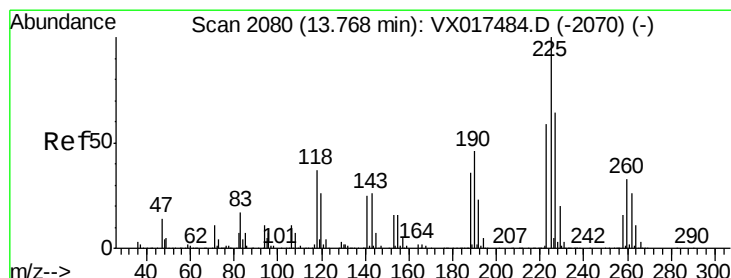
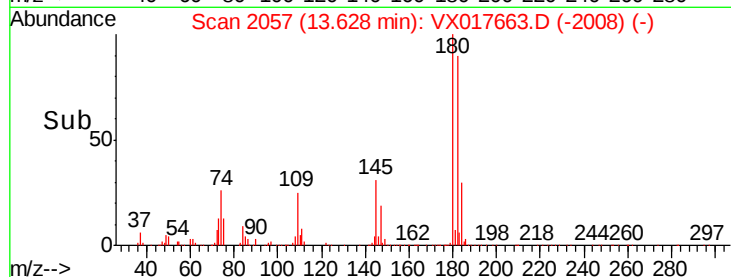
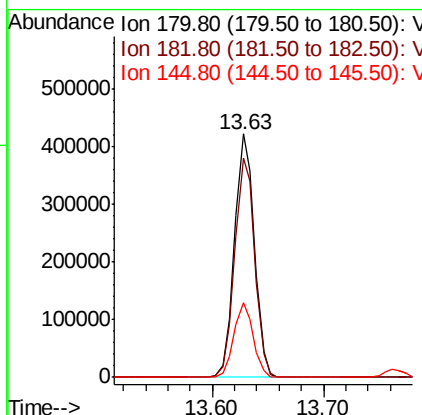
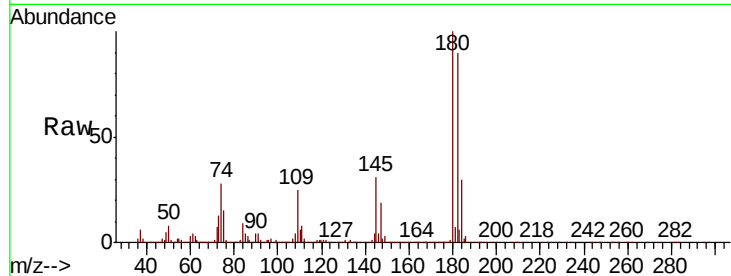




#93
 1,2,4-Trichlorobenzene
 Concen: 48.903 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

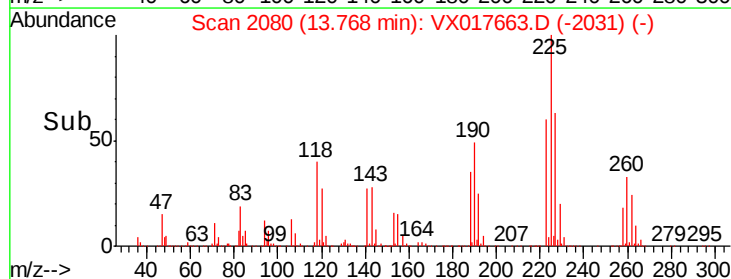
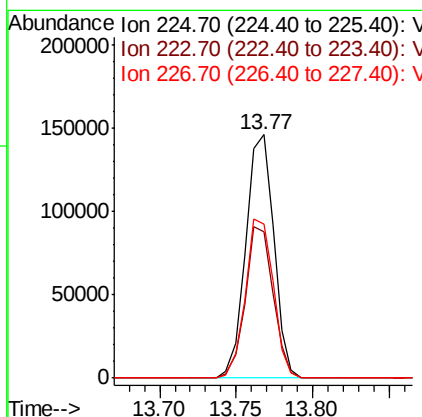
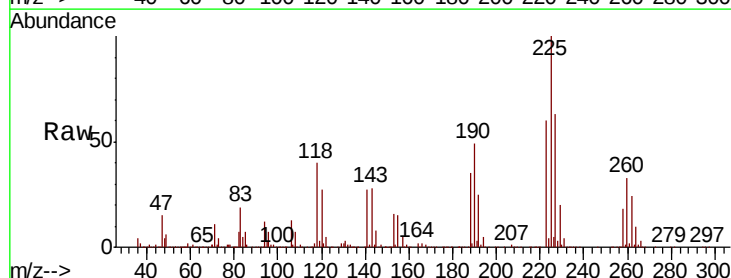
Instrument :
 MSVOA_X
 ClientSampleId :

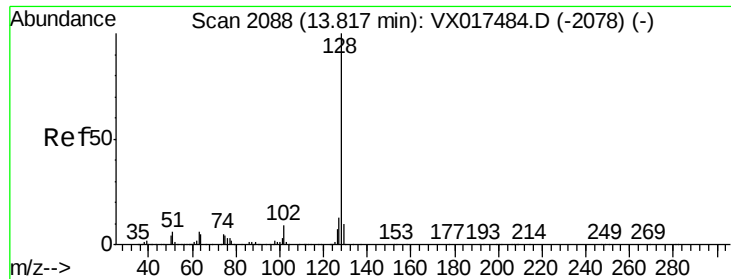
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.0	47.5	142.6
145	29.8	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 38.246 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017663.D
 Acq: 28 Jul 2020 19:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	30.3	90.9
227	65.0	31.1	93.2





#95

Naphthalene

Concen: 51.596 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

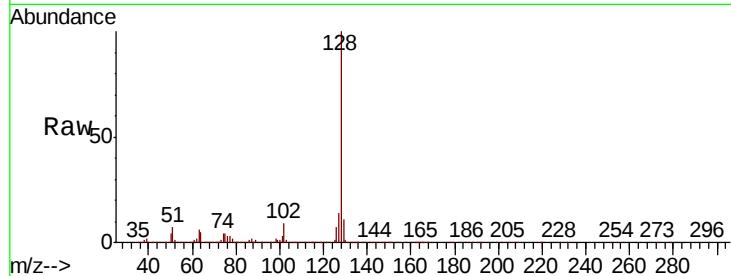
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 1632386

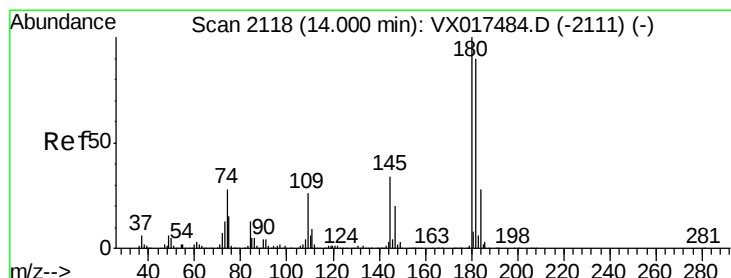
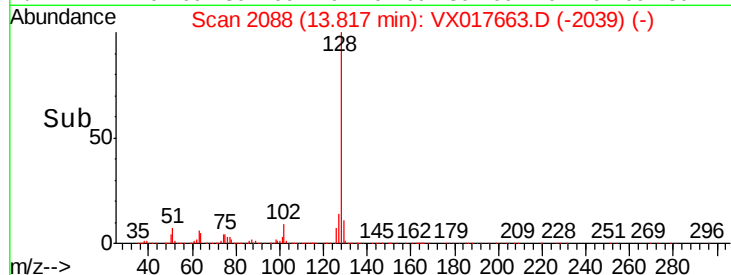
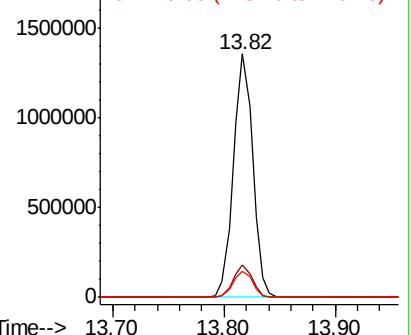
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.805 ug/l

RT: 14.00 min Scan# 2118

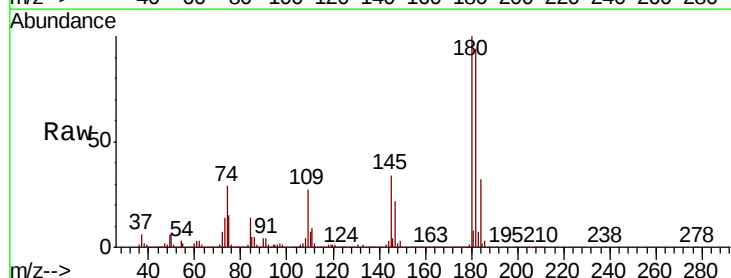
Delta R.T. -0.00 min

Lab File: VX017663.D

Acq: 28 Jul 2020 19:06

Tgt Ion:180 Resp: 500255

Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.4	142.3
145	33.0	16.3	48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

