

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072820\
 Data File : VX017644.D
 Acq On : 28 Jul 2020 11:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 29 02:23:48 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	5.62	168	578568	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	856687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	842650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	437535	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	369835	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	5.46	113	292588	51.07	ug/l	0.00
Spiked Amount			Recovery	=	102.14%	
50) Toluene-d8	8.70	98	1039805	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.12	95	413886	50.04	ug/l	0.00
Spiked Amount			Recovery	=	100.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	273869	51.042	ug/l	98
3) Chloromethane	1.31	50	301515	42.218	ug/l	100
4) Vinyl Chloride	1.39	62	294881	40.502	ug/l	98
5) Bromomethane	1.62	94	184425	46.942	ug/l	96
6) Chloroethane	1.71	64	179454	44.617	ug/l	97
7) Trichlorofluoromethane	1.91	101	501129	43.761	ug/l	98
8) Diethyl Ether	2.17	74	170186	45.723	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	261880	41.673	ug/l	98
10) Methyl Iodide	2.49	142	347945	43.278	ug/l	97
11) Tert butyl alcohol	3.01	59	329256	210.206	ug/l	99
12) 1,1-Dichloroethene	2.36	96	246754	41.291	ug/l	98
13) Acrolein	2.27	56	324007	270.587	ug/l	99
14) Allyl chloride	2.70	41	482767	44.242	ug/l	99
15) Acrylonitrile	3.12	53	772311	228.283	ug/l	99
16) Acetone	2.42	43	667383	204.026	ug/l	96
17) Carbon Disulfide	2.55	76	752638	41.436	ug/l	99
18) Methyl Acetate	2.75	43	336191	43.639	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	954666	46.155	ug/l	97
20) Methylene Chloride	2.83	84	303157	49.188	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	291062	45.464	ug/l	99
22) Diisopropyl ether	3.82	45	951241	47.676	ug/l	97
23) Vinyl Acetate	3.78	43	4305629	242.027	ug/l	100
24) 1,1-Dichloroethane	3.67	63	525068	45.684	ug/l	99
25) 2-Butanone	4.63	43	1076956	231.758	ug/l	96
26) 2,2-Dichloropropane	4.54	77	477151	46.378	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	330521	47.533	ug/l	97
28) Bromochloromethane	4.98	49	256044	49.160	ug/l	99
29) Tetrahydrofuran	5.09	42	690860	240.015	ug/l	99
30) Chloroform	5.17	83	562727	47.917	ug/l	98
31) Cyclohexane	5.54	56	440557	48.067	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	521232	47.067	ug/l	99
36) 1,1-Dichloropropene	5.77	75	405172	49.313	ug/l	100
37) Ethyl Acetate	4.79	43	427915	47.599	ug/l	100
38) Carbon Tetrachloride	5.75	117	485512	48.660	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	458078	47.758	ug/l	98
40) Benzene	6.11	78	1162918	49.368	ug/l	99
41) Methacrylonitrile	5.00	41	243329	47.221	ug/l	98
42) 1,2-Dichloroethane	6.16	62	483656	50.188	ug/l	100
43) Isopropyl Acetate	6.41	43	711691	47.980	ug/l	99
44) Trichloroethene	7.19	130	345938	50.252	ug/l	97
45) 1,2-Dichloropropane	7.49	63	310096	47.487	ug/l	98
46) Dibromomethane	7.63	93	221958	48.096	ug/l	99
47) Bromodichloromethane	7.87	83	465628	50.144	ug/l	97
48) Methyl methacrylate	7.74	41	356046	48.425	ug/l	98
49) 1,4-Dioxane	7.71	88	139450	989.243	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2220422	250.887	ug/l	98
52) Toluene	8.76	92	750394	49.672	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	530564	51.042	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	542568	51.174	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	319512	50.771	ug/l	99
56) Ethyl methacrylate	9.16	69	488985	51.574	ug/l	100
57) 1,3-Dichloropropane	9.35	76	529528	51.101	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1257428	251.732	ug/l	99
59) 2-Hexanone	9.47	43	1684351	252.782	ug/l	99
60) Dibromochloromethane	9.57	129	402078	50.268	ug/l	98
61) 1,2-Dibromoethane	9.65	107	356697	53.238	ug/l	99
64) Tetrachloroethene	9.32	164	361779	47.835	ug/l	96
65) Chlorobenzene	10.12	112	868831	47.635	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	356495	48.429	ug/l	100
67) Ethyl Benzene	10.23	91	1500904	49.297	ug/l	95
68) m/p-Xylenes	10.34	106	1154468	97.879	ug/l	98
69) o-Xylene	10.68	106	554378	48.870	ug/l	99
70) Styrene	10.70	104	968387	50.173	ug/l	98
71) Bromoform	10.84	173	299340	46.936	ug/l #	98
73) Isopropylbenzene	11.00	105	1520118	50.644	ug/l	100
74) N-amyl acetate	10.88	43	661608	49.610	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	430959	45.999	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	555620	61.734	ug/l	83
77) Bromobenzene	11.24	156	411704	48.995	ug/l	98
78) n-propylbenzene	11.34	91	1720361	50.819	ug/l	99
79) 2-Chlorotoluene	11.40	91	1019404	48.611	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1283740	50.092	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	167615	46.927	ug/l	97
82) 4-Chlorotoluene	11.49	91	1223067	49.443	ug/l	100
83) tert-Butylbenzene	11.76	119	1238927	50.523	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1307700	51.303	ug/l	99
85) sec-Butylbenzene	11.93	105	1448042	50.691	ug/l	100
86) p-Isopropyltoluene	12.05	119	1382081	50.805	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	715269	49.568	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	728652	48.750	ug/l	99
89) n-Butylbenzene	12.37	91	1180683	48.707	ug/l	99
90) Hexachloroethane	12.58	117	251738	46.938	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	683910	48.223	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	112180	42.734	ug/l	98

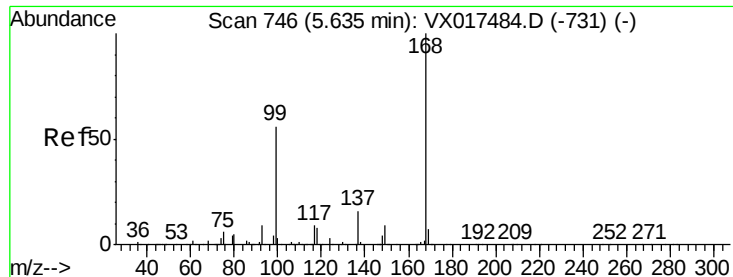
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	493425	50.978	ug/l	99
94) Hexachlorobutadiene	13.77	225	191588	43.000	ug/l	97
95) Naphthalene	13.82	128	1511292	52.304	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	480090	50.234	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

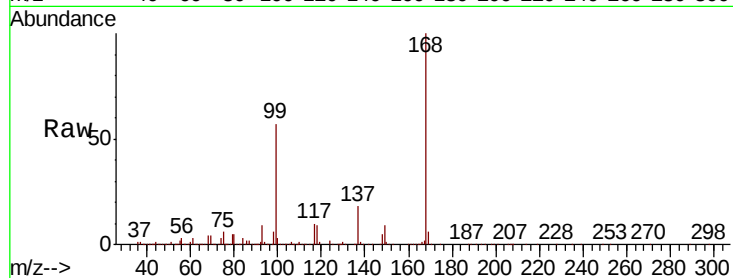
ClientSampleId :

Tot Ion:168 Resp: 578568

Ion Ratio Lower Upper

168 100

99 57.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

150000

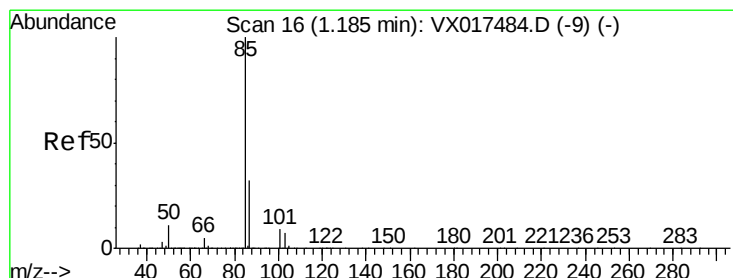
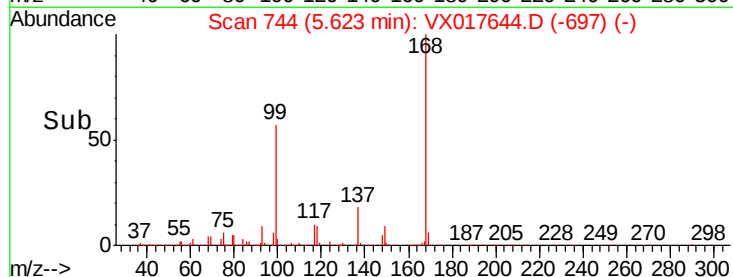
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.042 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017644.D

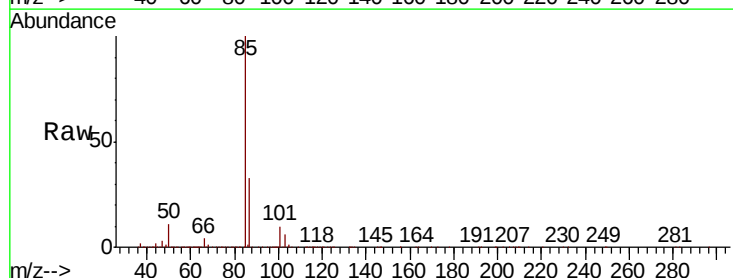
Acq: 28 Jul 2020 11:13

Tgt Ion: 85 Resp: 273869

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

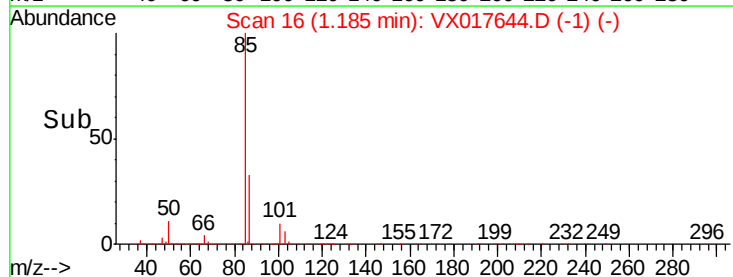
200000

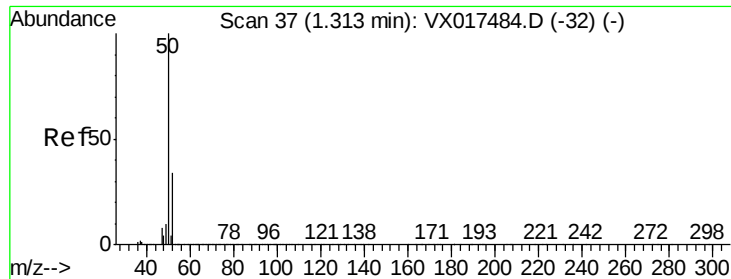
100000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 42.218 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

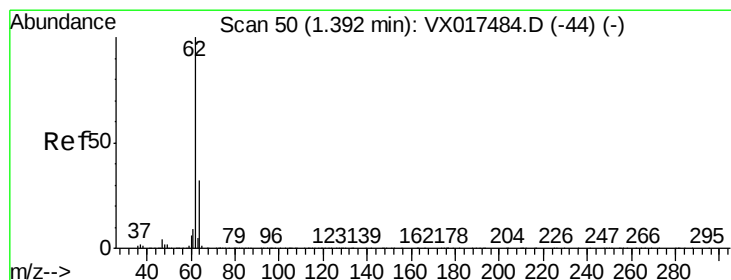
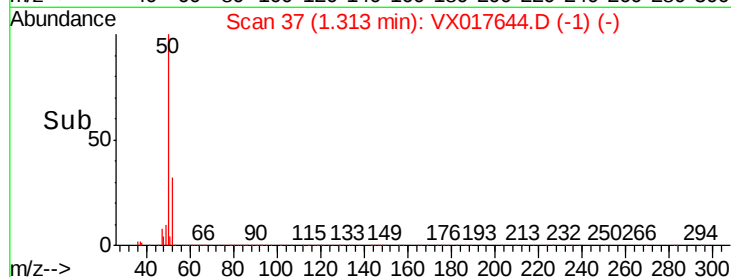
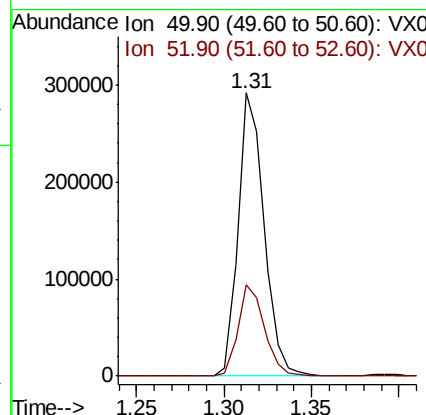
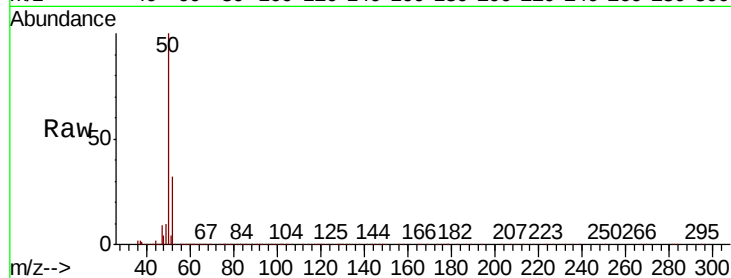
ClientSampleId :

Tot Ion: 50 Resp: 301515

Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



#4

Vinyl Chloride

Concen: 40.502 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017644.D

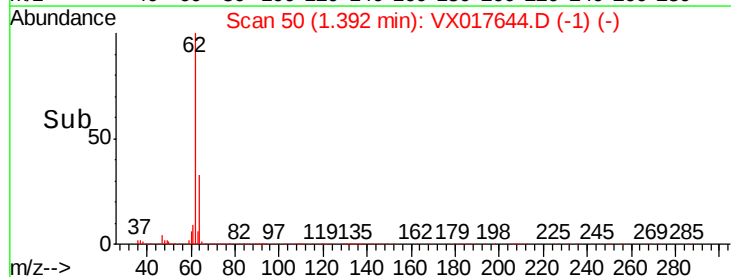
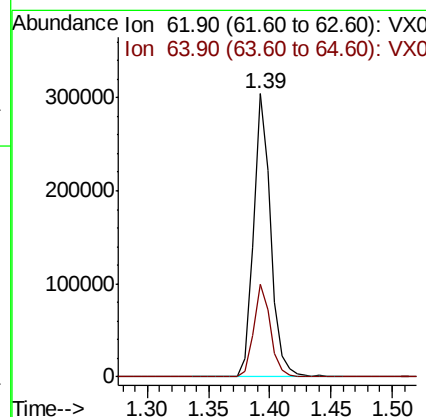
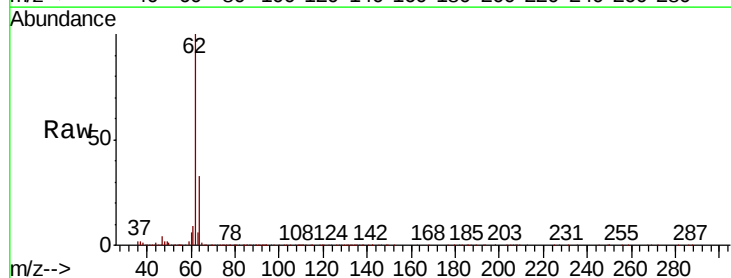
Acq: 28 Jul 2020 11:13

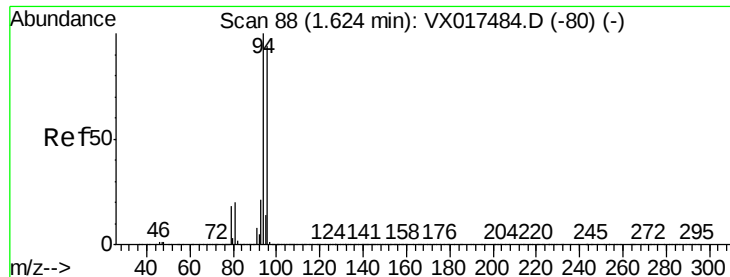
Tgt Ion: 62 Resp: 294881

Ion Ratio Lower Upper

62 100

64 32.6 25.2 37.8





#5

Bromomethane

Concen: 46.942 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

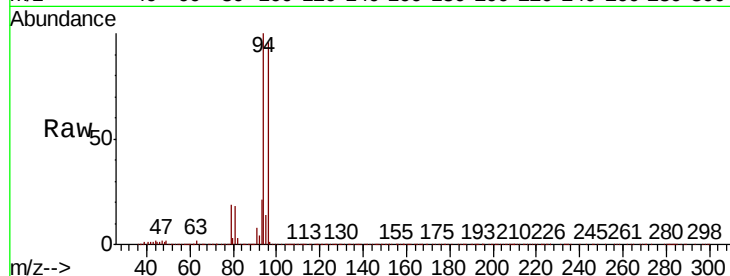
ClientSampleId :

Tot Ion: 94 Resp: 184425

Ion Ratio Lower Upper

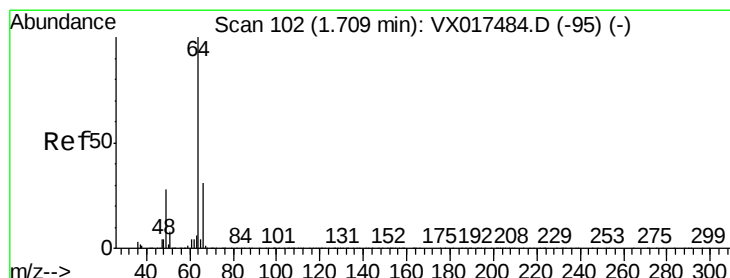
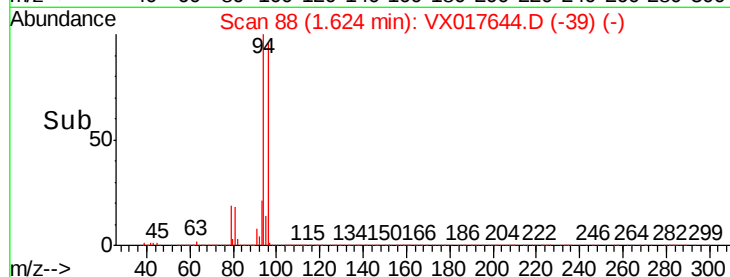
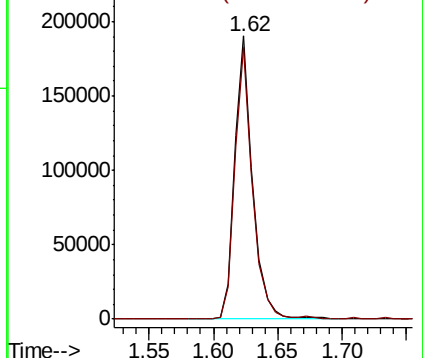
94 100

96 96.2 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.617 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017644.D

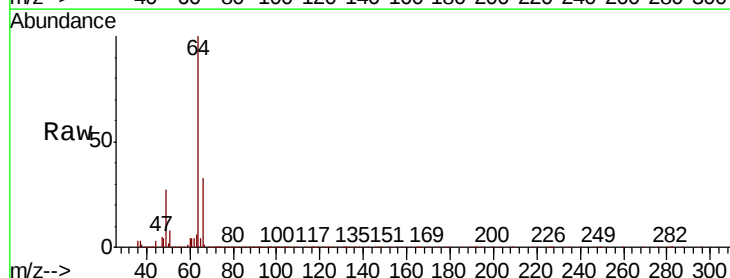
Acq: 28 Jul 2020 11:13

Tgt Ion: 64 Resp: 179454

Ion Ratio Lower Upper

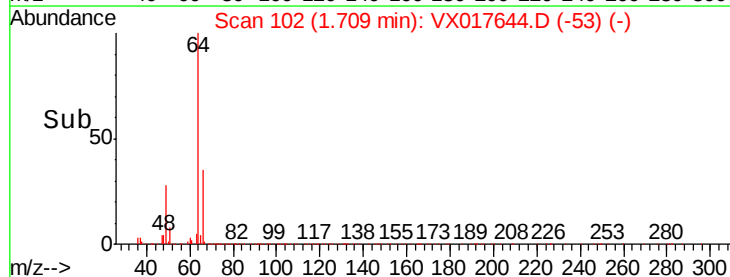
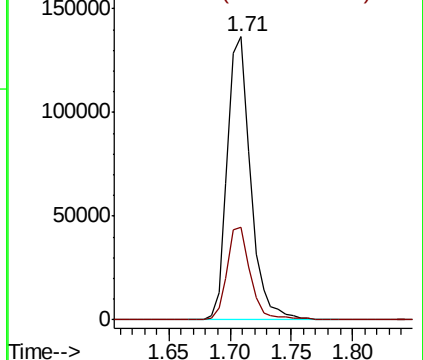
64 100

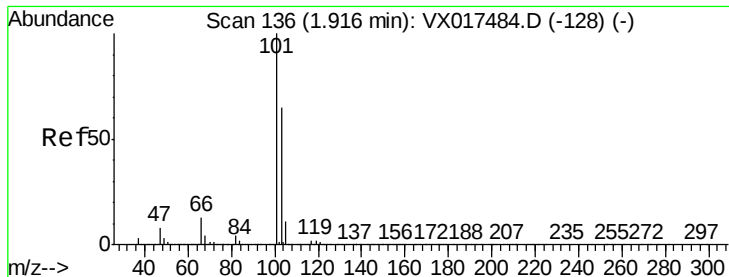
66 32.8 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



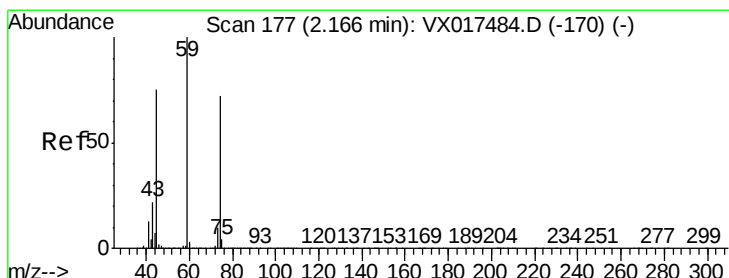
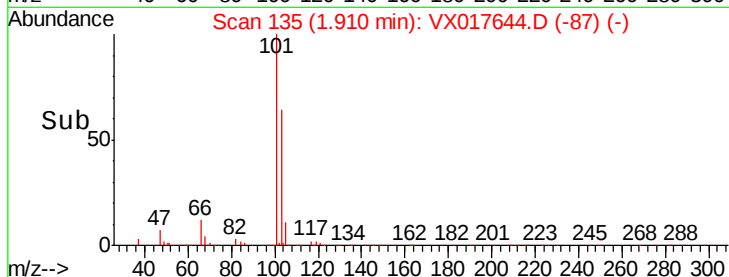
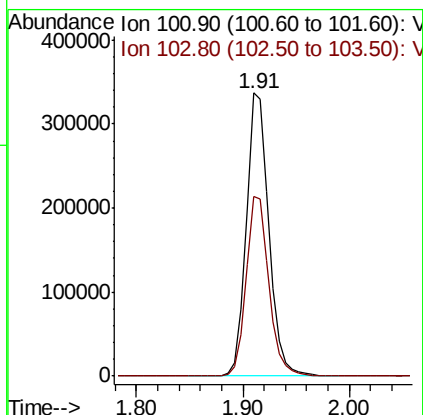
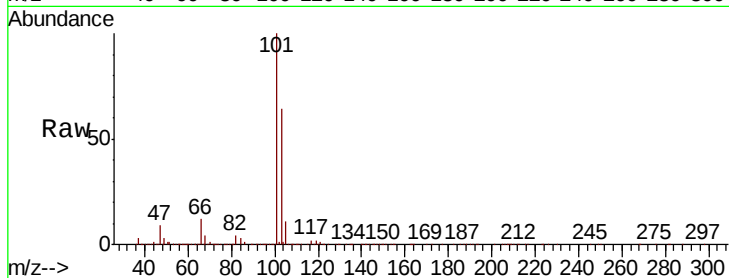


#7

Trichlorofluoromethane
 Concen: 43.761 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
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 ClientSampleId :

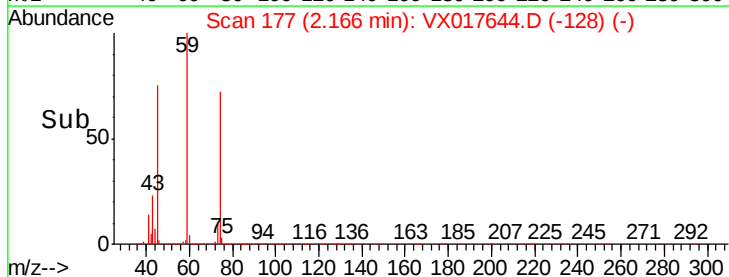
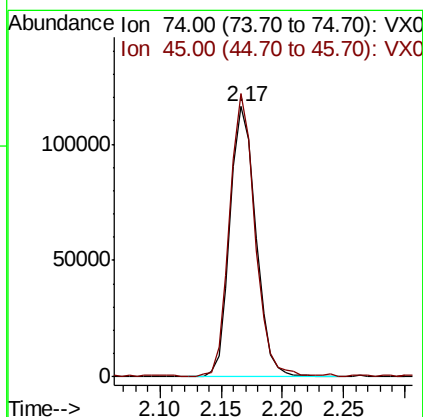
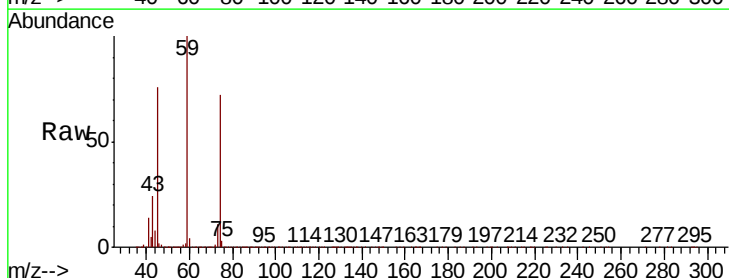
Tot Ion:101 Resp: 501129
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.8 77.8

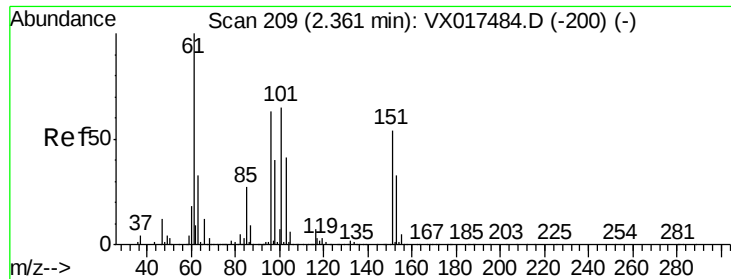


#8

Diethyl Ether
 Concen: 45.723 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion: 74 Resp: 170186
 Ion Ratio Lower Upper
 74 100
 45 101.4 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.673 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

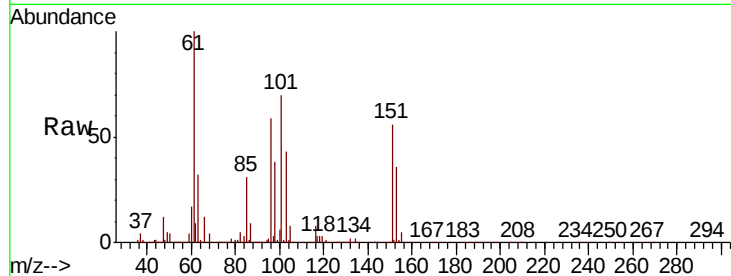
Tot Ion:101 Resp: 261880

Ion Ratio Lower Upper

101 100

85 43.7 34.8 52.2

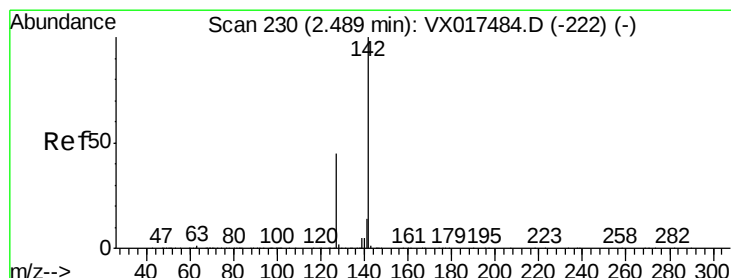
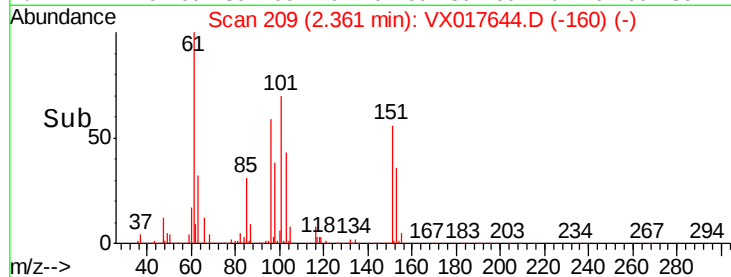
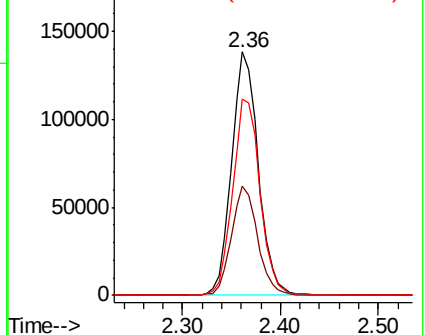
151 82.8 68.0 102.0



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: 43.278 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

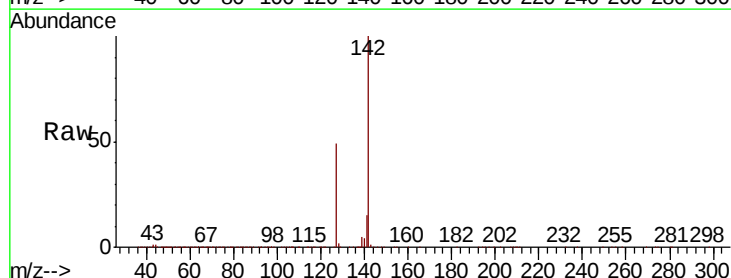
Tgt Ion:142 Resp: 347945

Ion Ratio Lower Upper

142 100

127 47.4 35.9 53.9

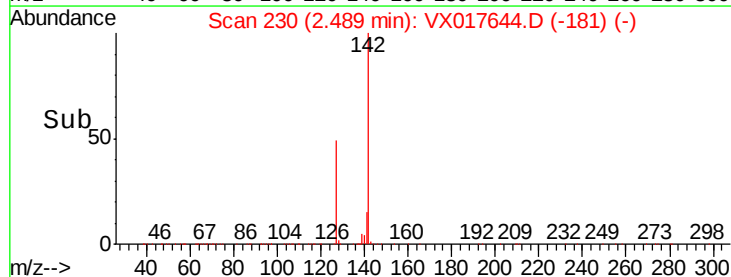
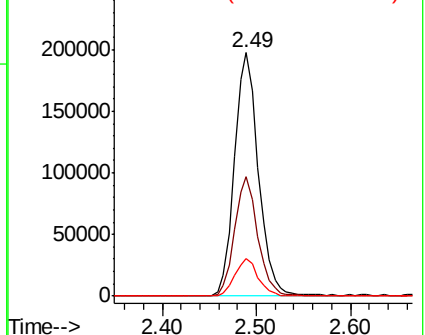
141 15.1 11.4 17.0

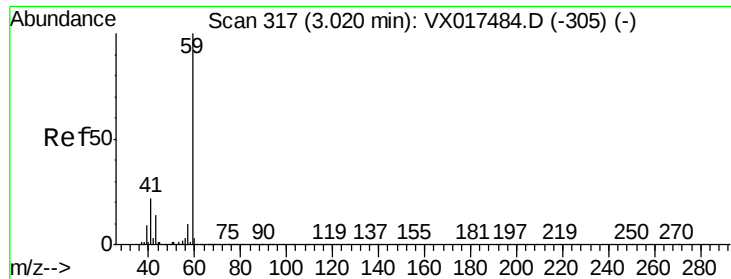


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



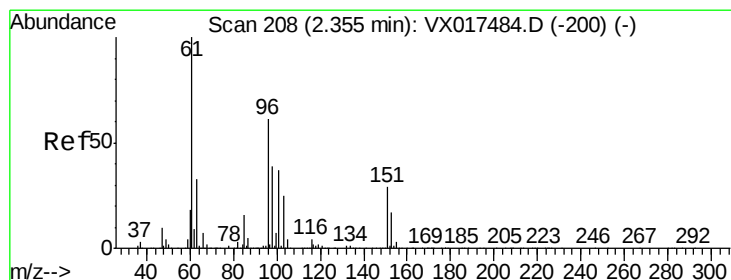
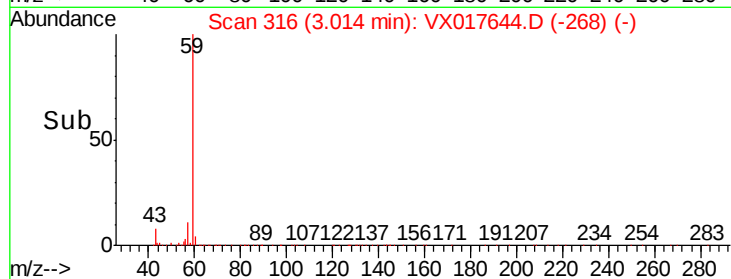
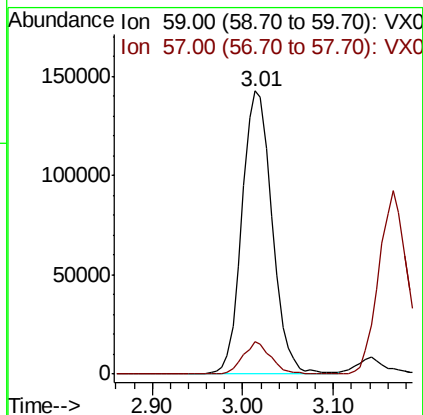
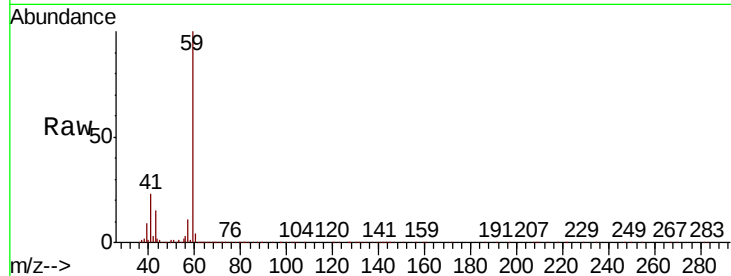


#11

Tert butyl alcohol
 Concen: 210.206 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :

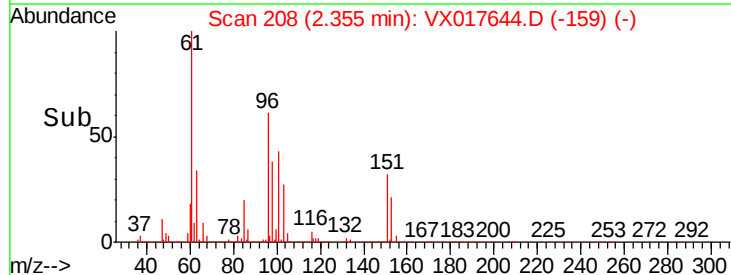
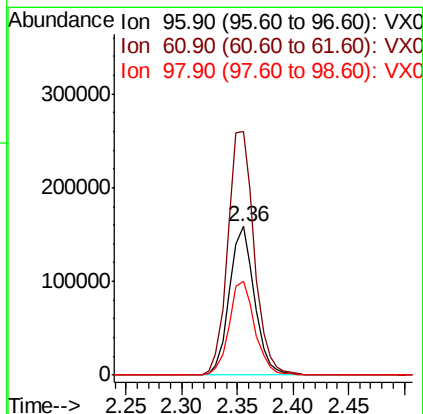
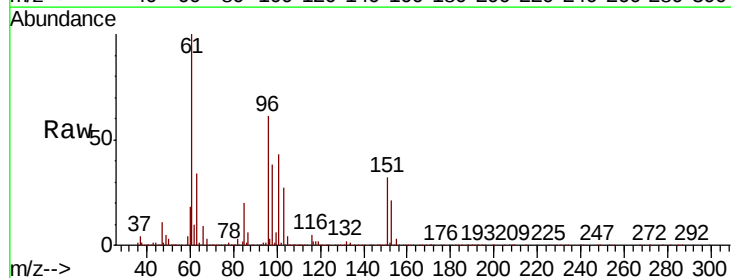
Tot Ion: 59 Resp: 329256
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 12.8

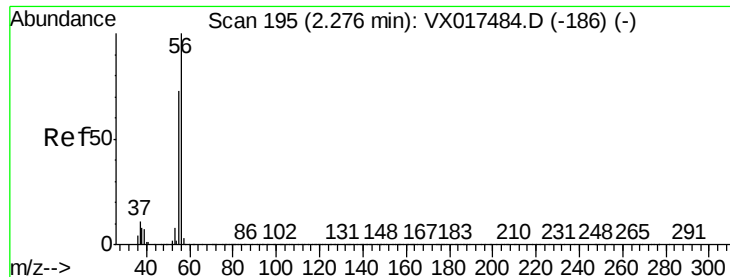


#12

1,1-Dichloroethene
 Concen: 41.291 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion: 96 Resp: 246754
 Ion Ratio Lower Upper
 96 100
 61 164.4 134.0 201.0
 98 63.2 51.0 76.4

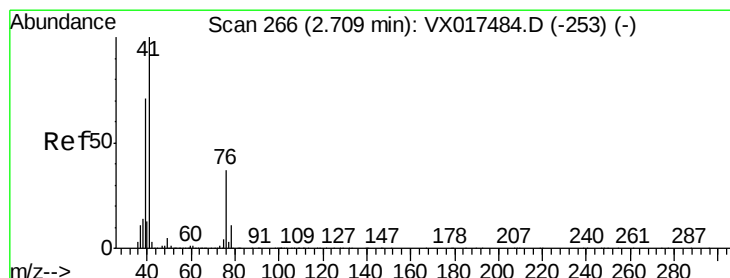
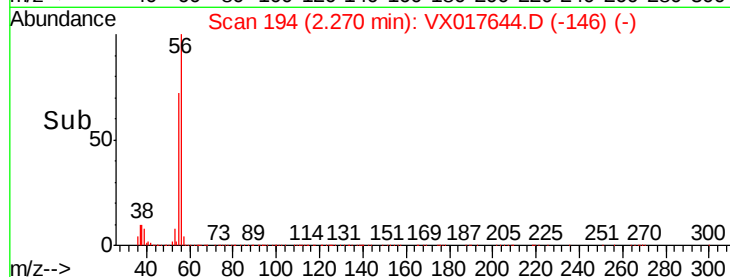
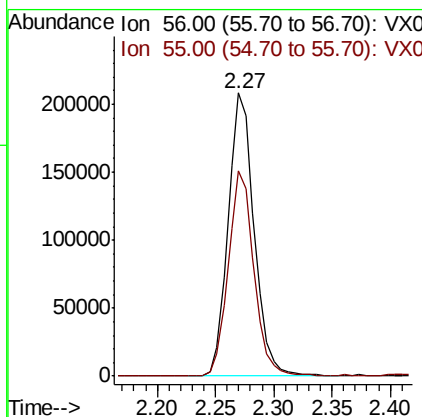
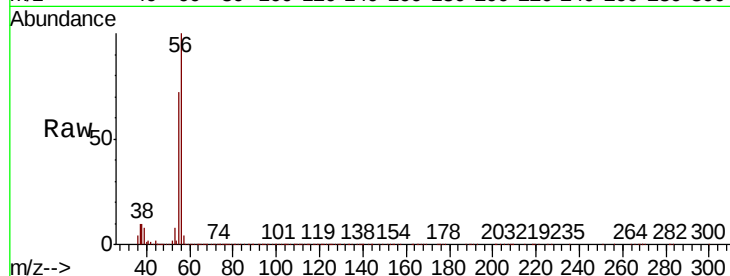




#13
Acrolein
Concen: 270.587 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

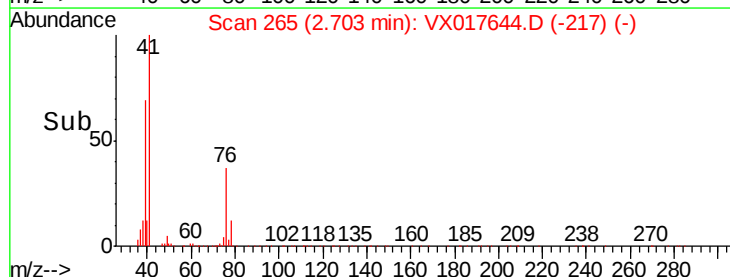
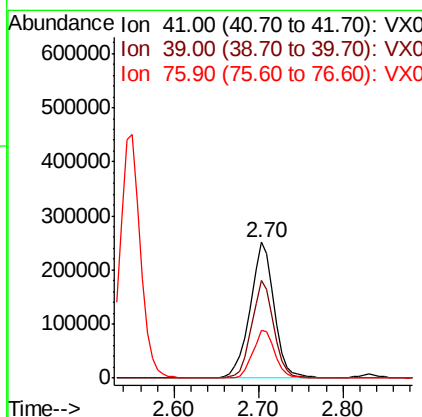
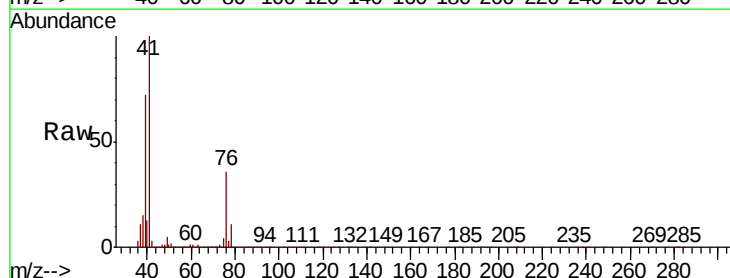
Instrument :
MSVOA_X
ClientSampleId :

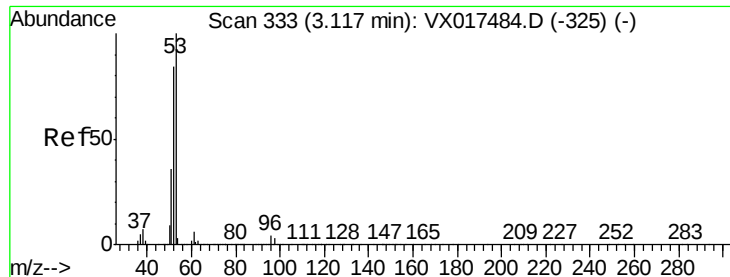
Tot Ion: 56 Resp: 324007
Ion Ratio Lower Upper
56 100
55 71.1 57.4 86.2



#14
Allyl chloride
Concen: 44.242 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 41 Resp: 482767
Ion Ratio Lower Upper
41 100
39 66.3 51.9 77.9
76 32.4 25.5 38.3

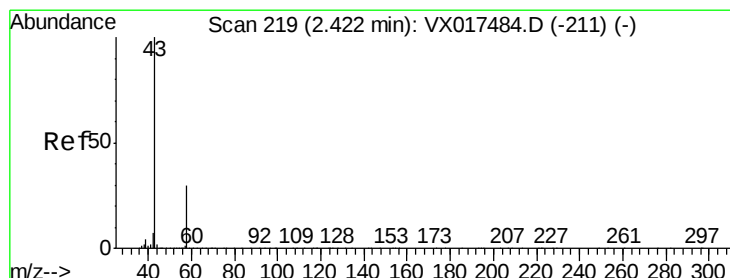
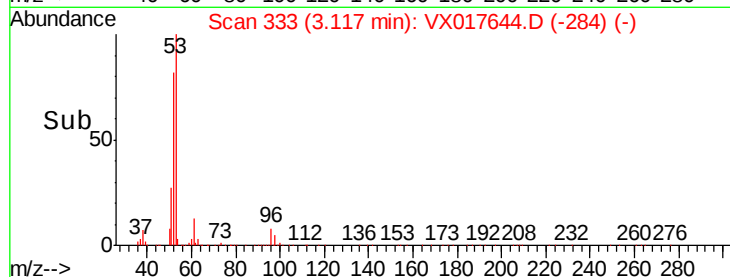
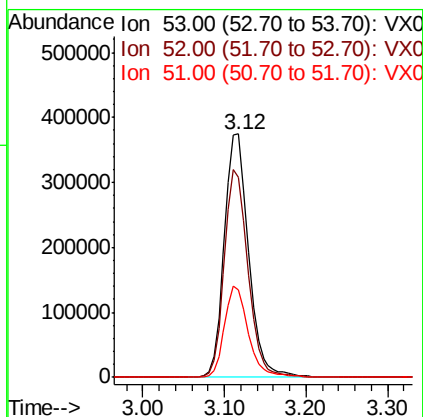
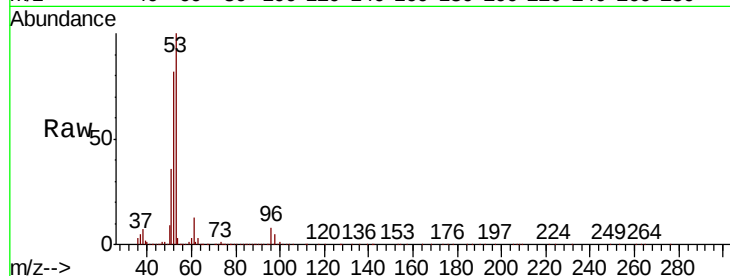




#15
 Acrylonitrile
 Concen: 228.283 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

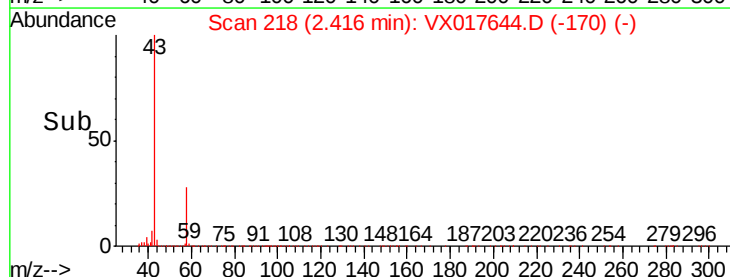
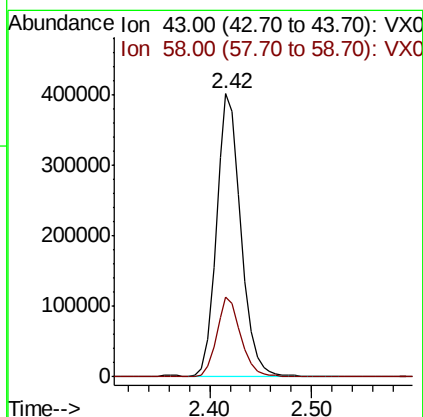
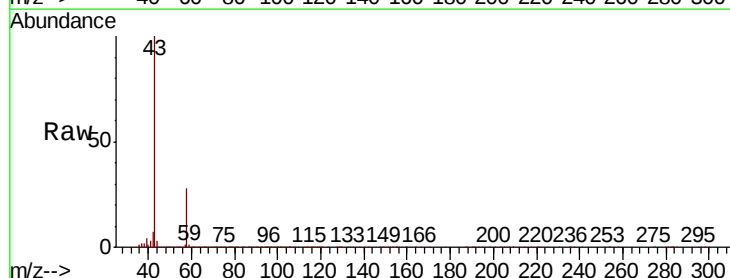
Instrument :
 MSVOA_X
 ClientSampleId :

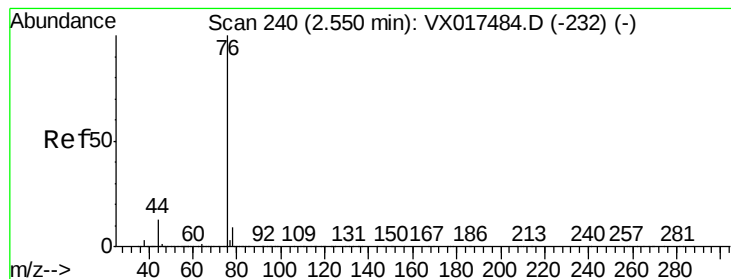
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	99.8
51	36.8	29.4	44.2



#16
 Acetone
 Concen: 204.026 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.2	36.4





#17

Carbon Disulfide

Concen: 41.436 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

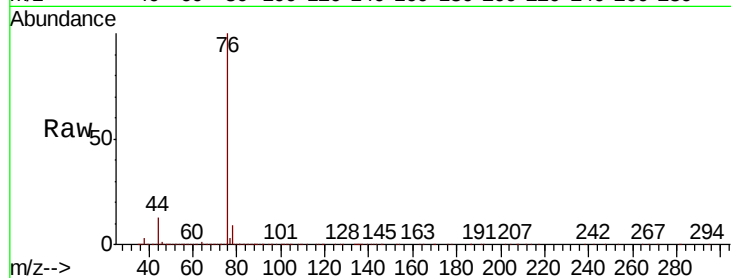
ClientSampleId :

Tot Ion: 76 Resp: 752638

Ion Ratio Lower Upper

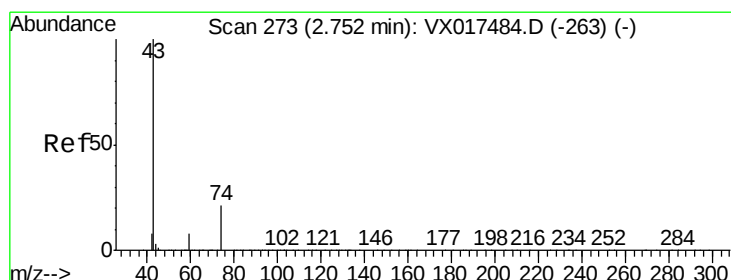
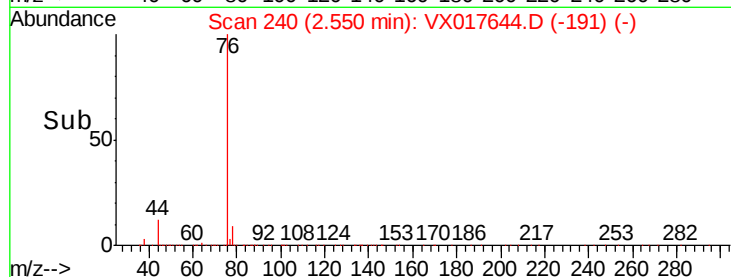
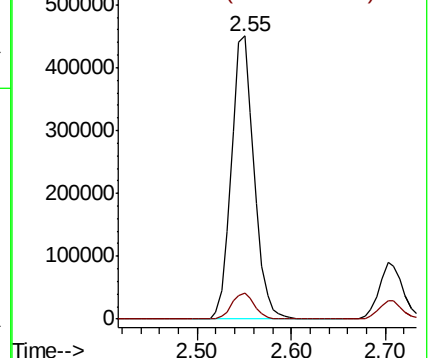
76 100

78 9.0 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: 43.639 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017644.D

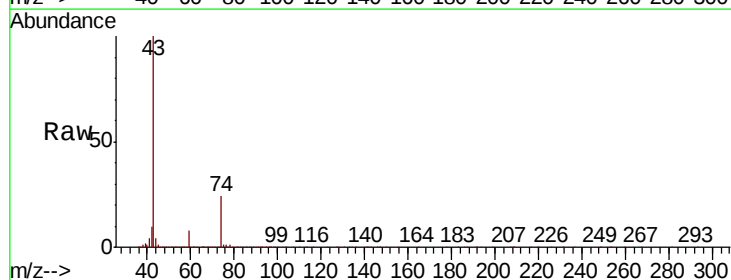
Acq: 28 Jul 2020 11:13

Tgt Ion: 43 Resp: 336191

Ion Ratio Lower Upper

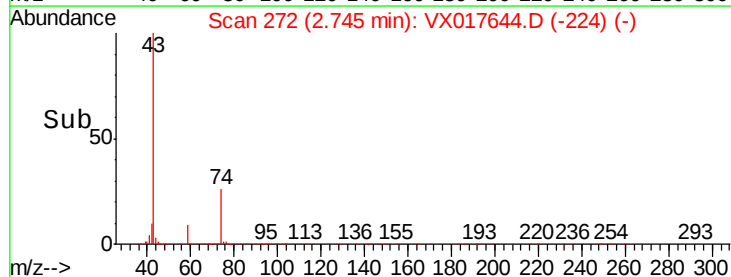
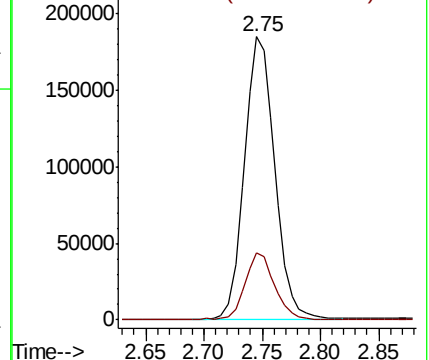
43 100

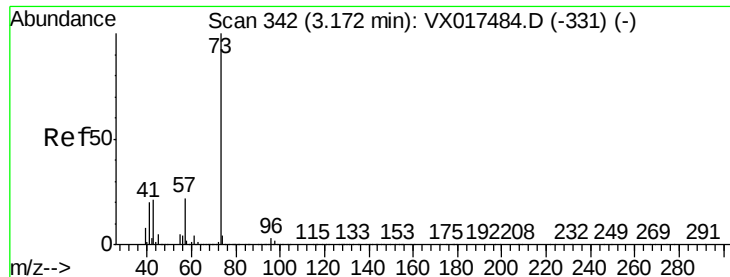
74 23.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

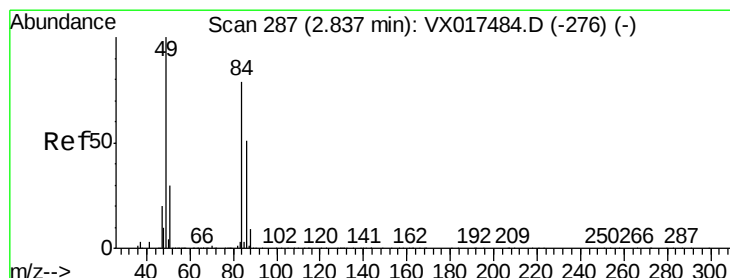
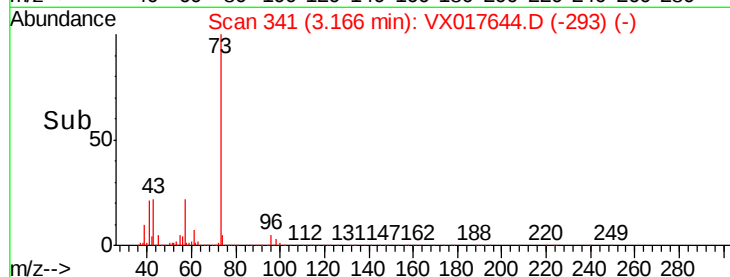
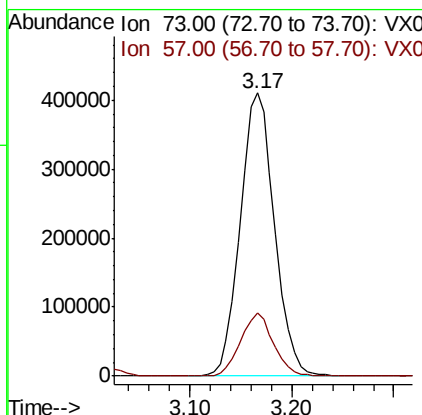
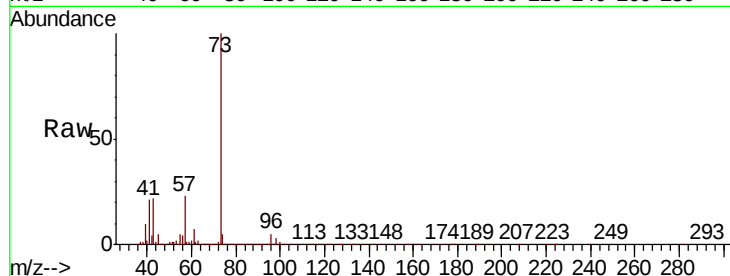




#19
Methyl tert-butyl Ether
Concen: 46.155 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

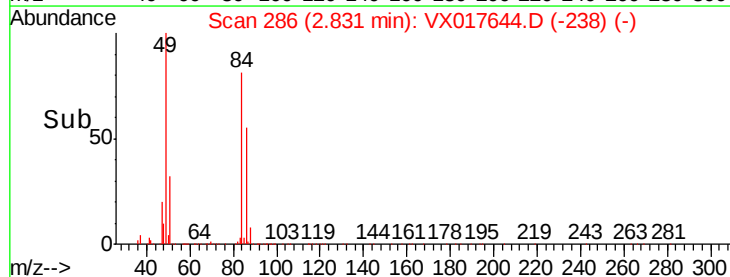
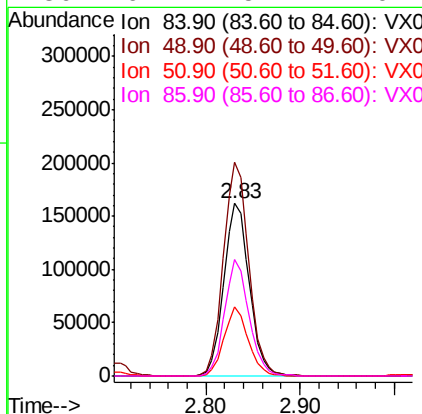
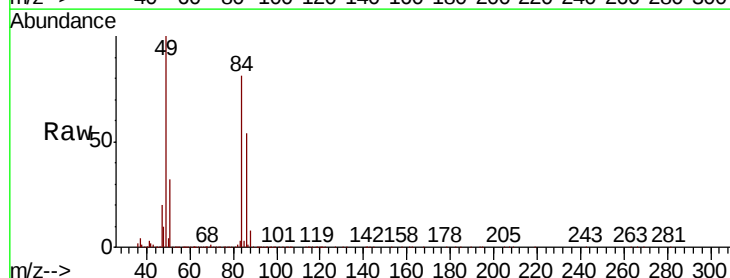
Instrument :
MSVOA_X
ClientSampled :

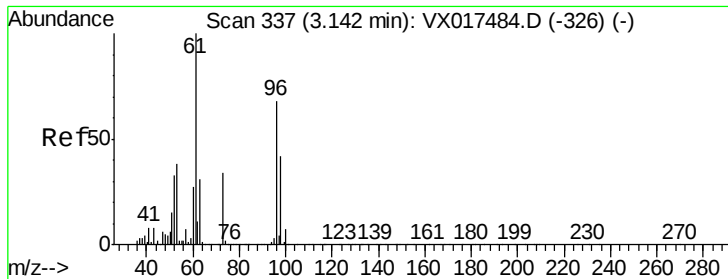
Tot Ion: 73 Resp: 954666
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.4



#20
Methylene Chloride
Concen: 49.188 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 84 Resp: 303157
Ion Ratio Lower Upper
84 100
49 123.7 100.3 150.5
51 40.0 30.5 45.7
86 67.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.464 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

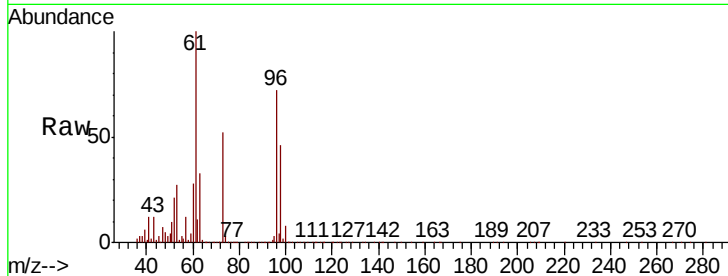
Tot Ion: 96 Resp: 291062

Ion Ratio Lower Upper

96 100

61 139.8 113.0 169.4

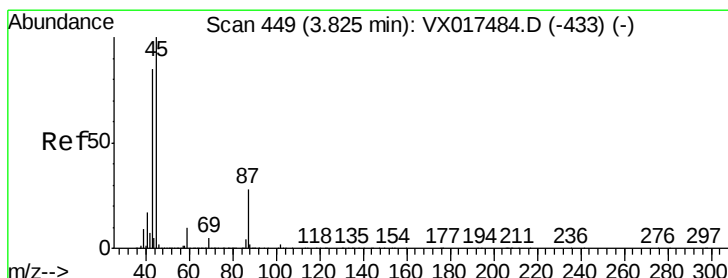
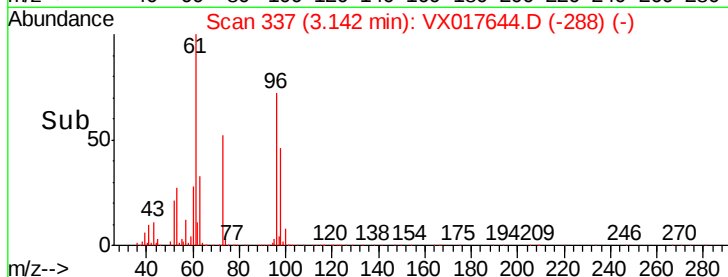
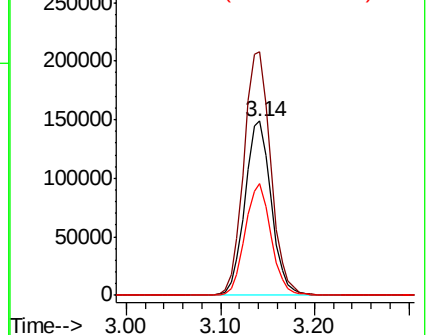
98 64.3 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.676 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion: 45 Resp: 951241

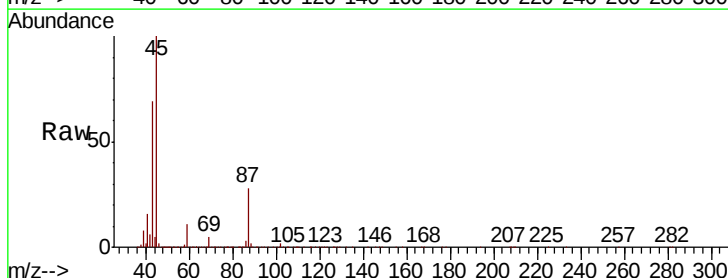
Ion Ratio Lower Upper

45 100

43 68.6 52.0 78.0

87 28.3 22.2 33.4

59 10.8 8.9 13.3

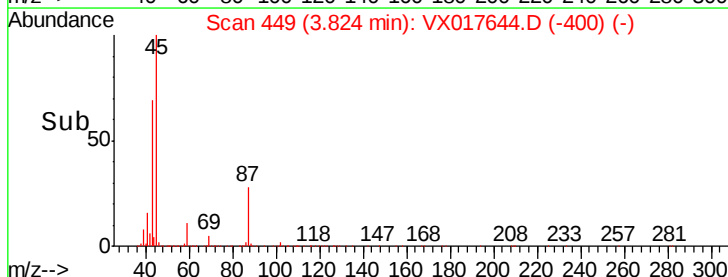
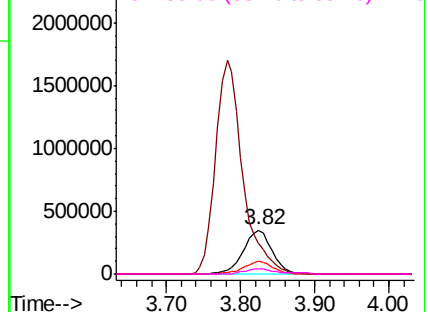


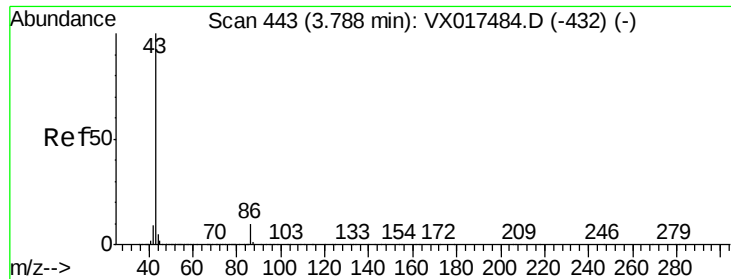
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 242.027 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

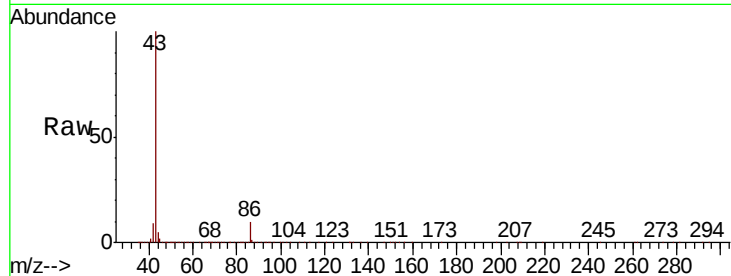
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 4305629

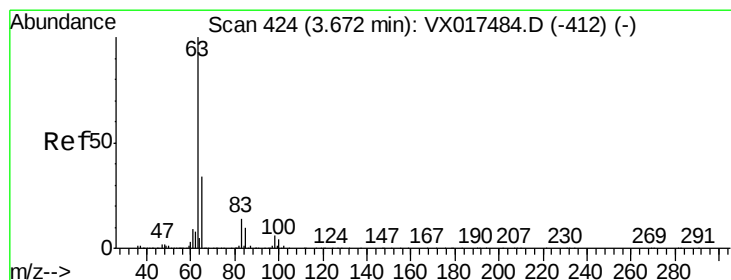
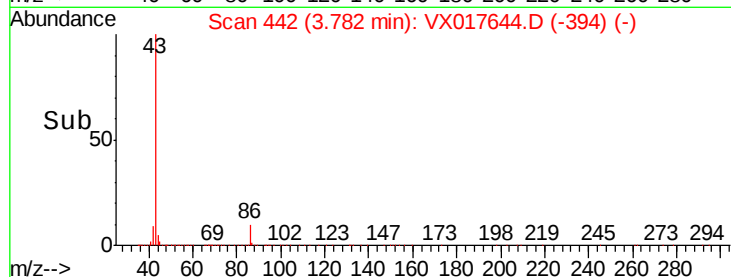
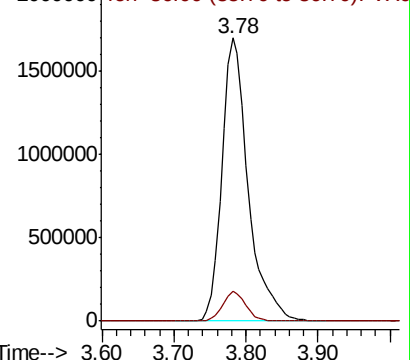
Ion Ratio Lower Upper

43 100

86 10.5 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: 45.684 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

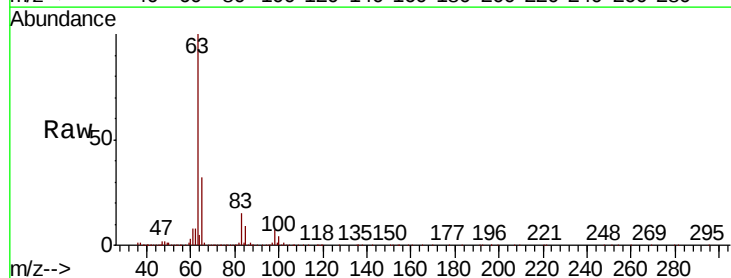
Tgt Ion: 63 Resp: 525068

Ion Ratio Lower Upper

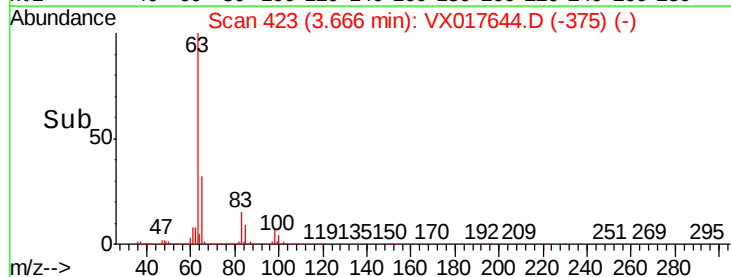
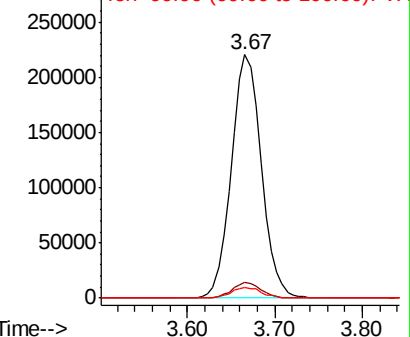
63 100

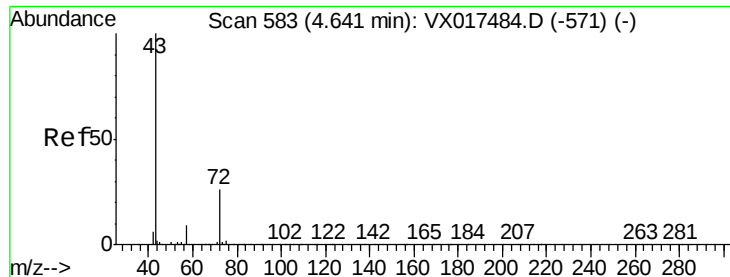
98 6.7 3.4 10.1

100 4.3 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: 231.758 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

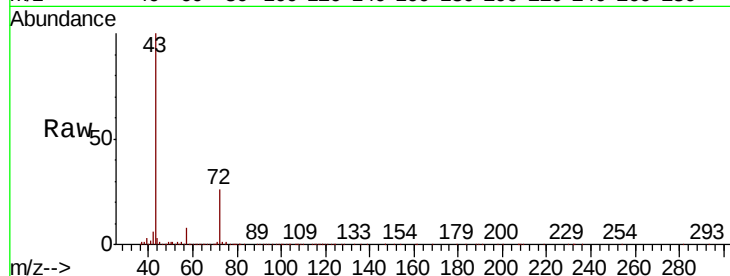
ClientSampleId :

Tot Ion: 43 Resp: 1076956

Ion Ratio Lower Upper

43 100

72 25.5 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

400000

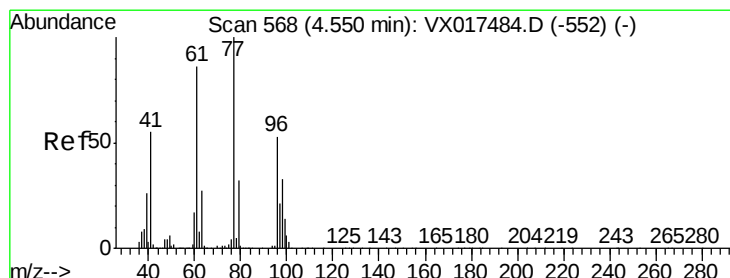
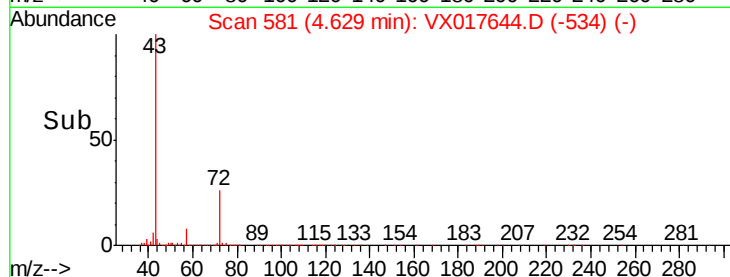
300000

200000

100000

0

Time--> 4.50 4.60 4.70



#26

2,2-Dichloropropane

Concen: 46.378 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017644.D

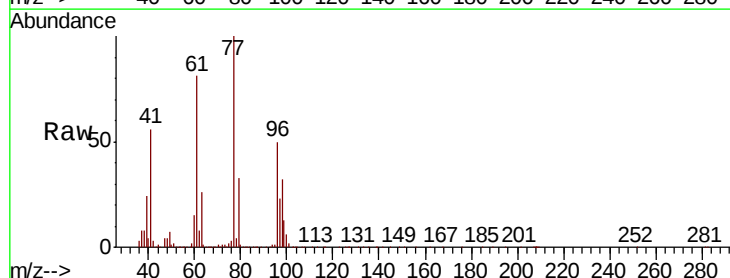
Acq: 28 Jul 2020 11:13

Tgt Ion: 77 Resp: 477151

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.54

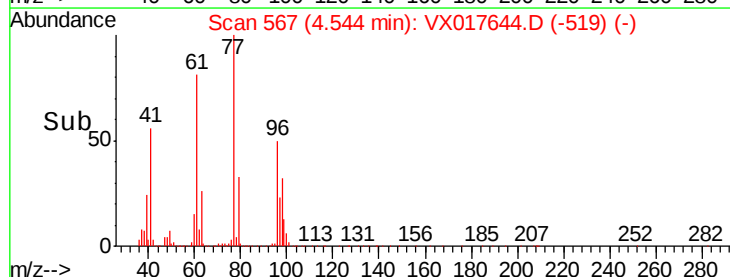
150000

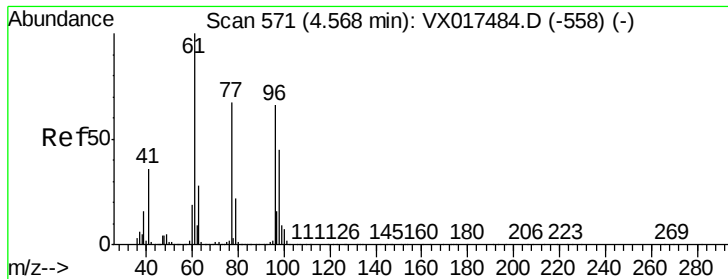
100000

50000

0

Time--> 4.40 4.50 4.60



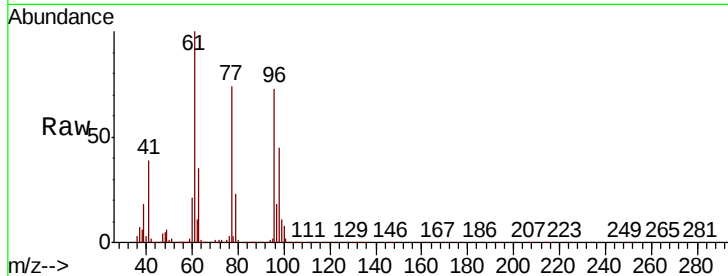


#27

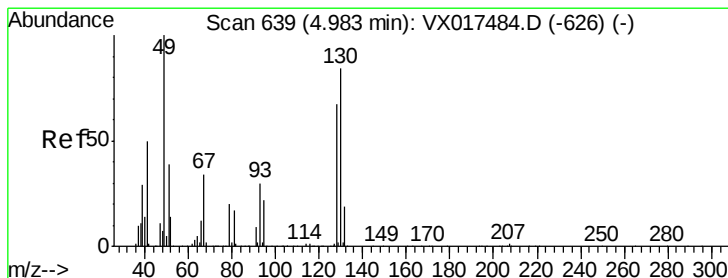
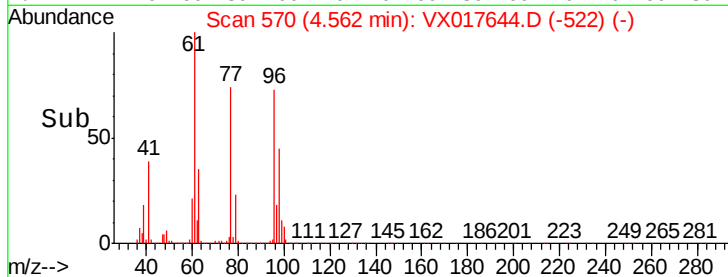
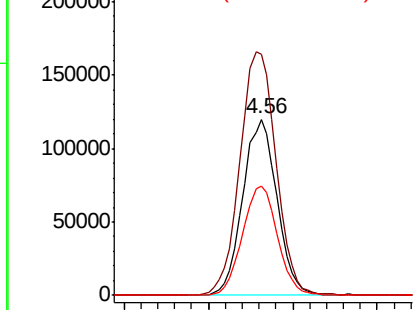
cis-1,2-Dichloroethene
 Concen: 47.533 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	301.2
98	63.6	0.0	130.0



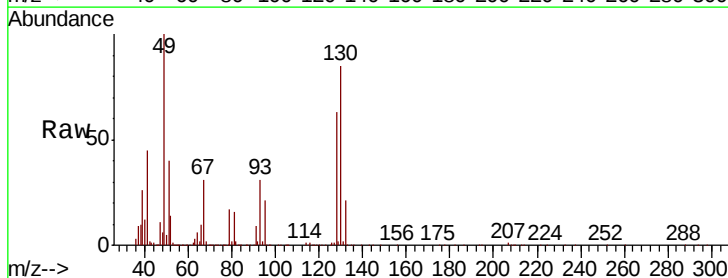
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



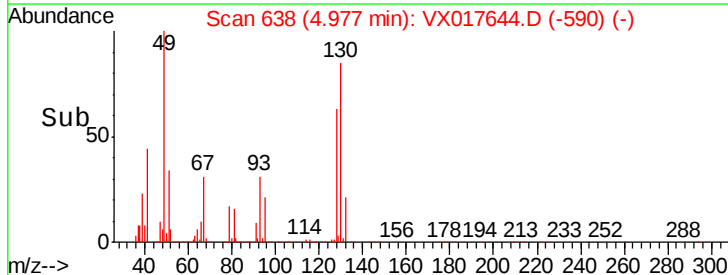
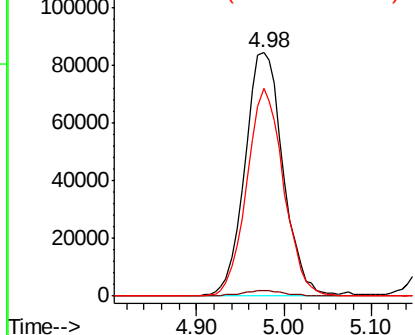
#28

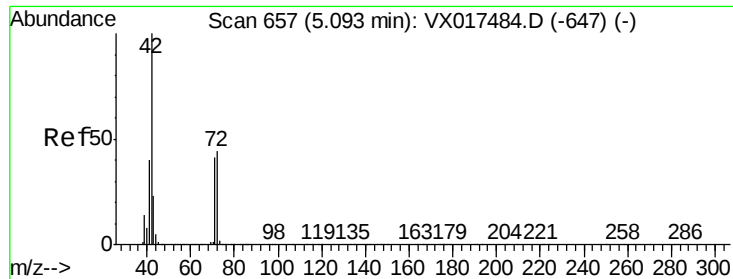
Bromochloromethane
 Concen: 49.160 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	82.7	66.7	100.1



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

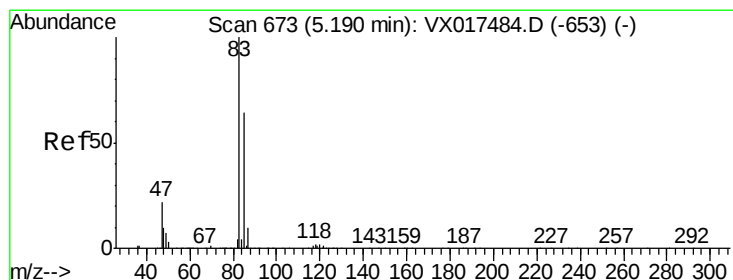
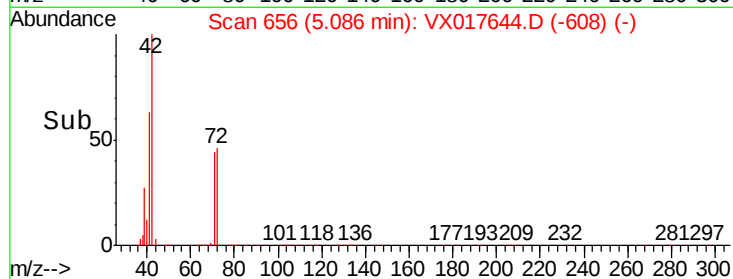
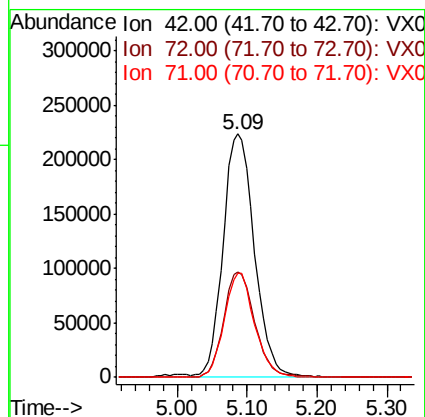
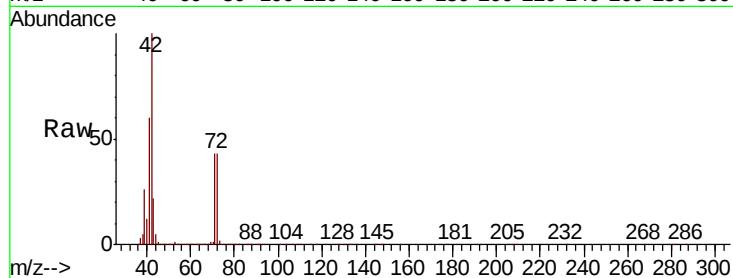




#29
Tetrahydrofuran
Concen: 240.015 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

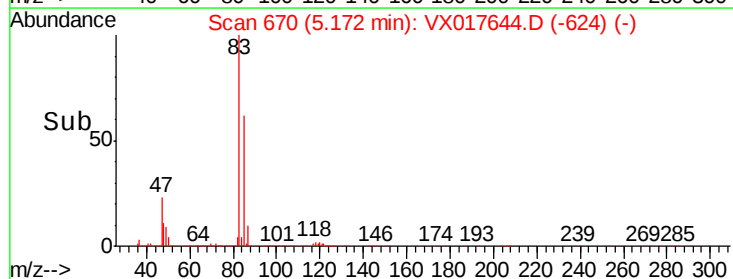
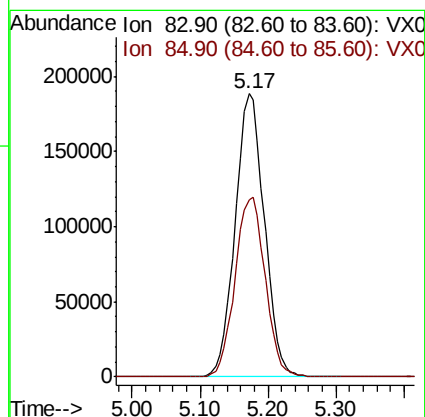
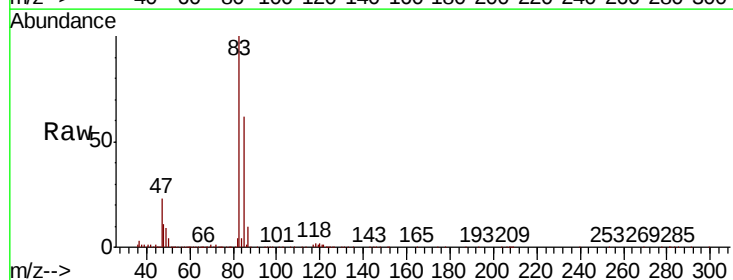
Instrument :
MSVOA_X
ClientSampleId :

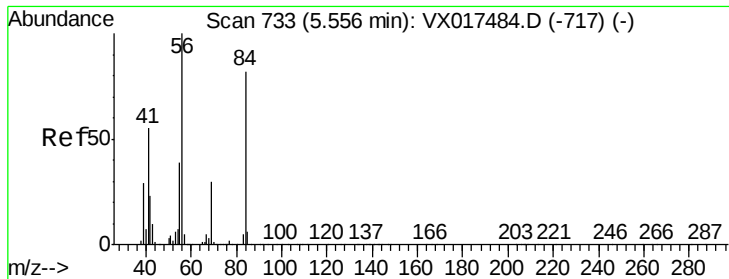
Tot Ion: 42 Resp: 690860
Ion Ratio Lower Upper
42 100
72 43.4 35.5 53.3
71 41.4 33.0 49.4



#30
Chloroform
Concen: 47.917 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 83 Resp: 562727
Ion Ratio Lower Upper
83 100
85 62.4 51.4 77.2

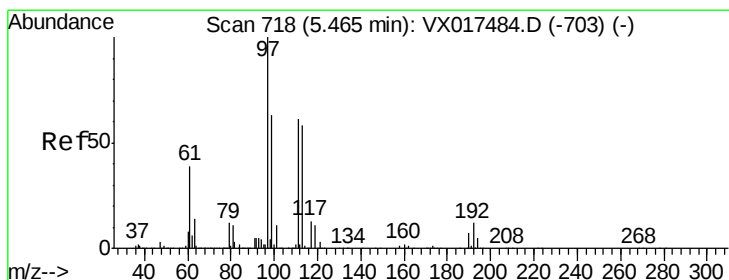
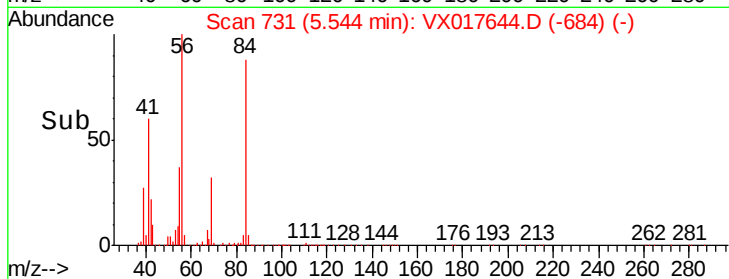
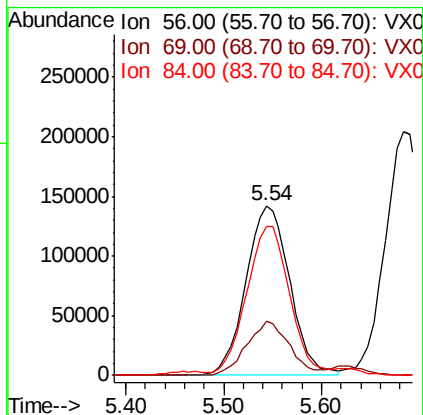
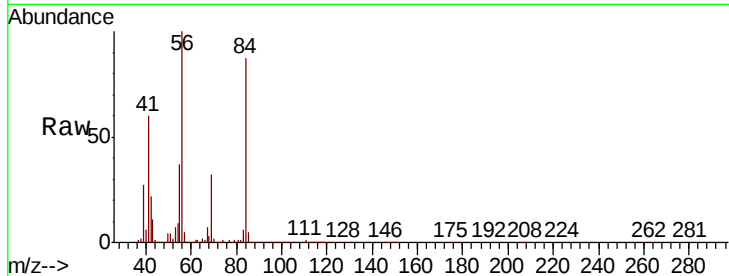




#31
Cyclohexane
Concen: 48.067 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

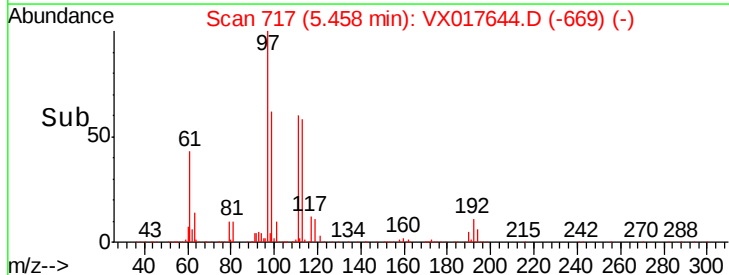
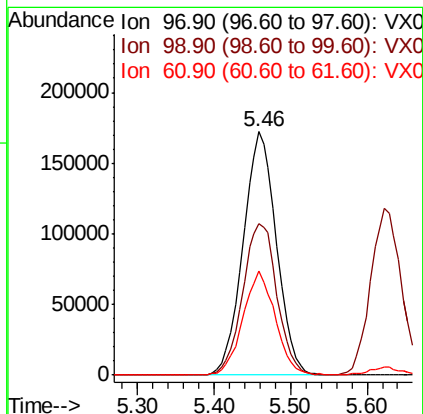
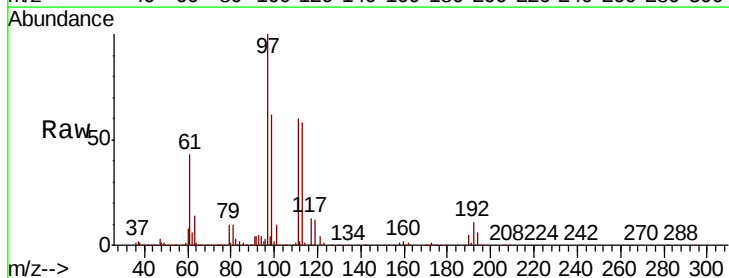
Instrument :
MSVOA_X
ClientSampled :

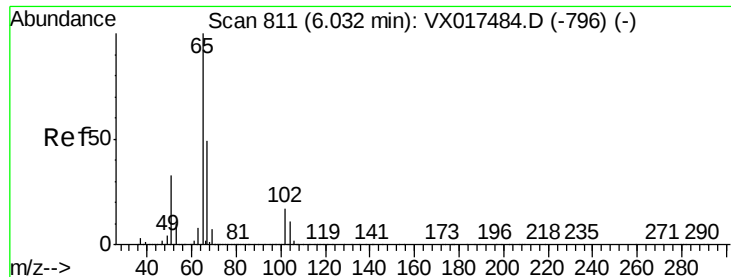
Tot Ion: 56 Resp: 440557
Ion Ratio Lower Upper
56 100
69 31.7 24.2 36.4
84 85.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 47.067 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 97 Resp: 521232
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 41.2 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 49.763 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

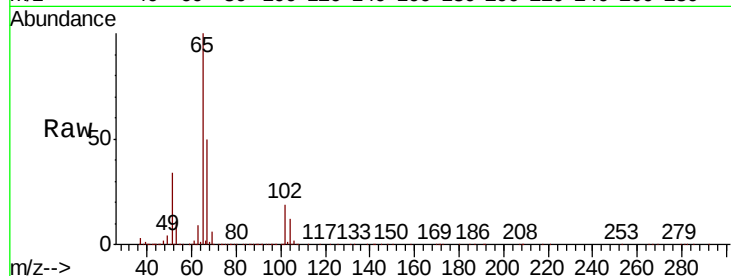
ClientSampled :

Tot Ion: 65 Resp: 369835

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

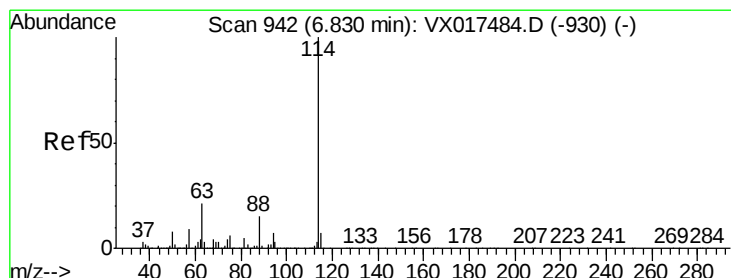
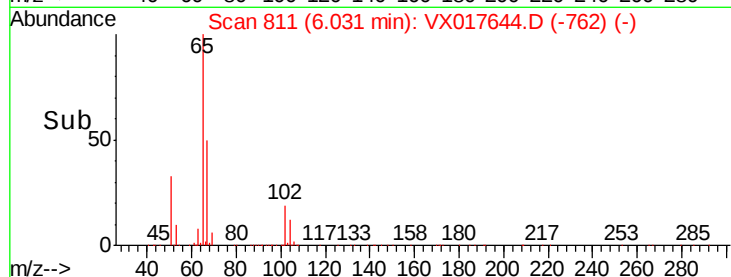
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

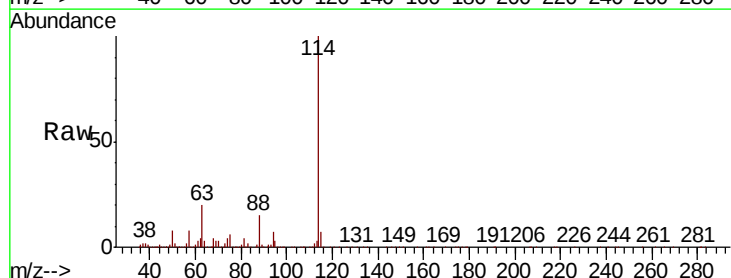
Tgt Ion: 114 Resp: 856687

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.2 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

500000

400000

300000

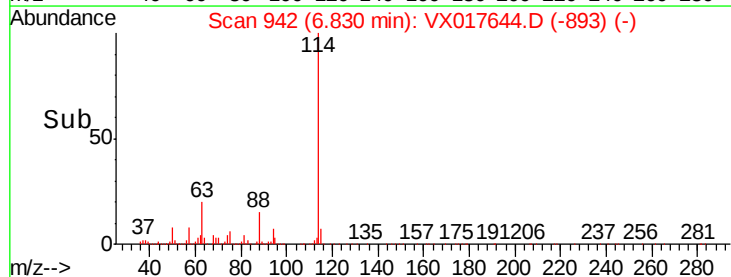
200000

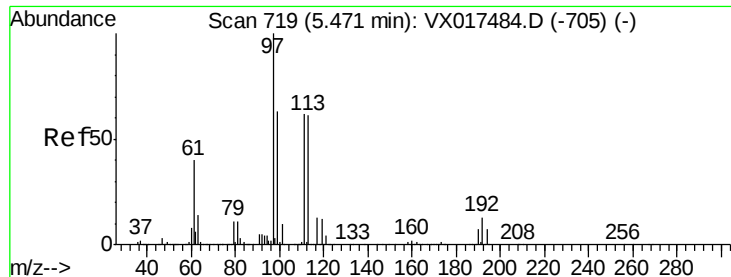
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 51.066 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampled :

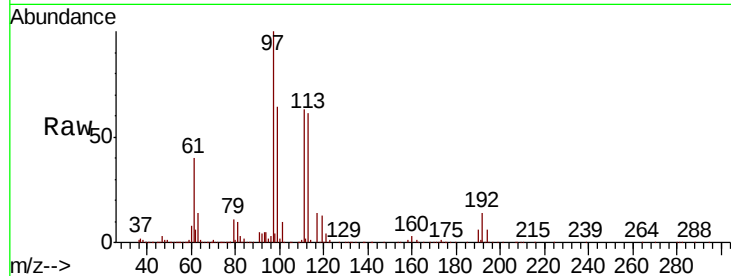
Tot Ion:113 Resp: 292588

Ion Ratio Lower Upper

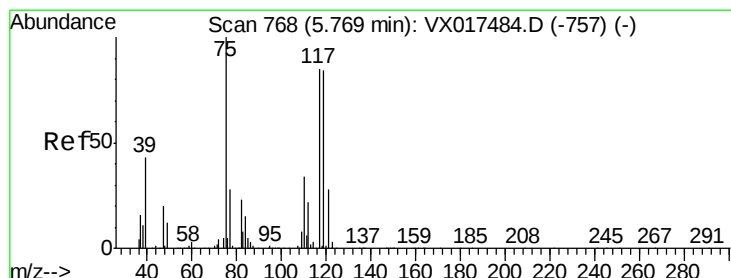
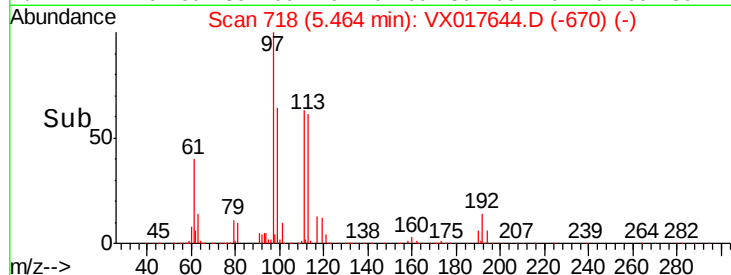
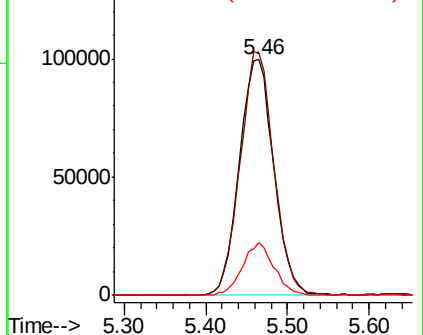
113 100

111 100.9 80.7 121.1

192 20.7 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: 49.313 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

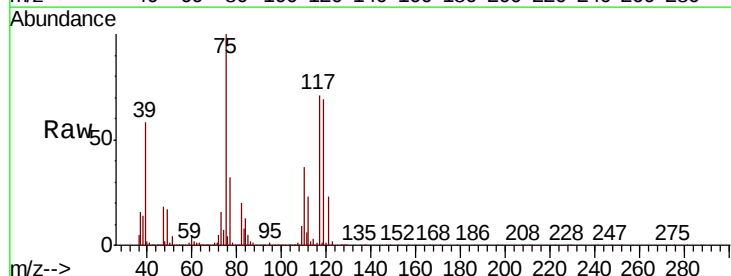
Tgt Ion: 75 Resp: 405172

Ion Ratio Lower Upper

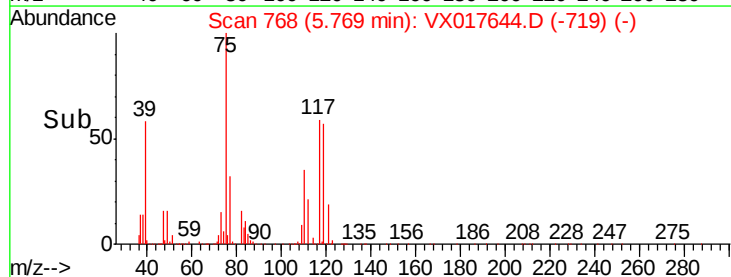
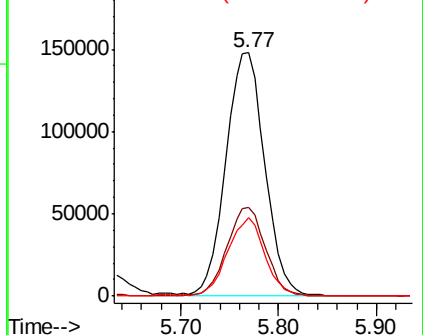
75 100

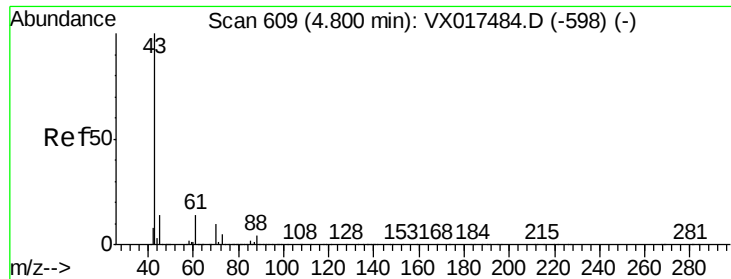
110 36.2 18.1 54.3

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

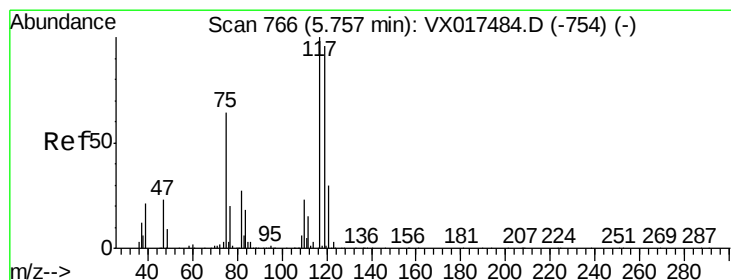
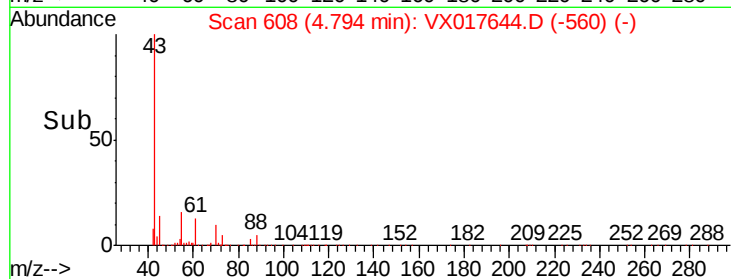
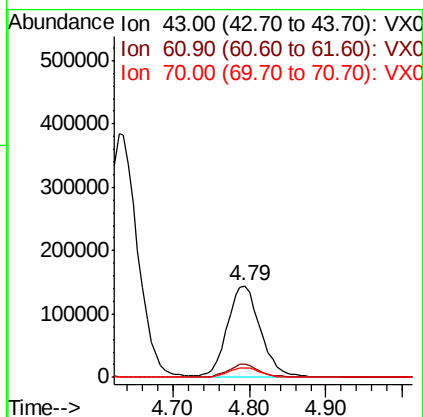
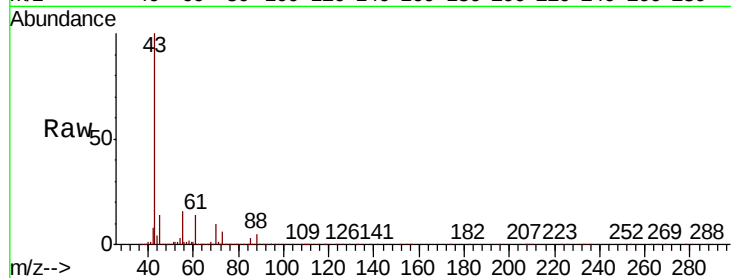




#37
Ethyl Acetate
Concen: 47.599 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

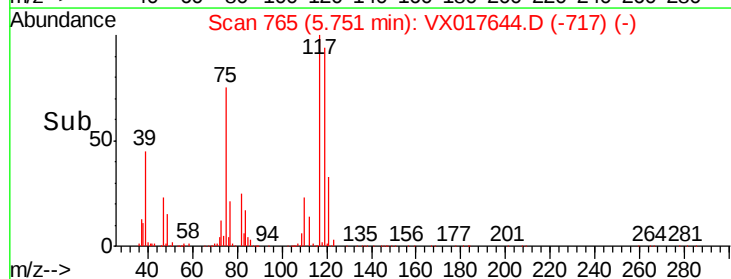
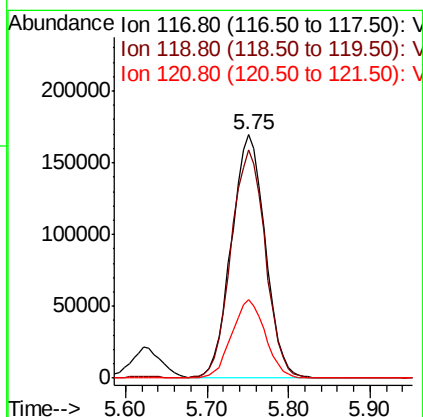
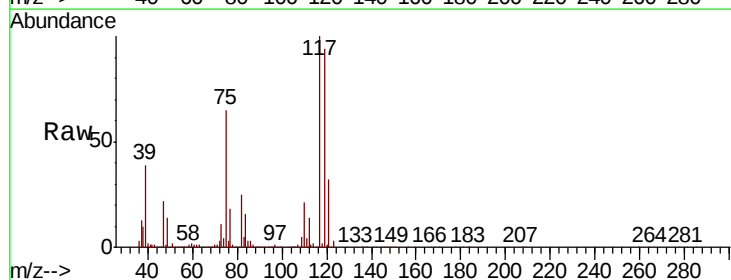
Instrument :
MSVOA_X
ClientSampleId :

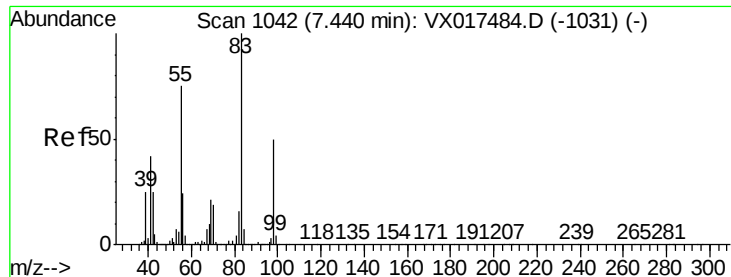
Tot Ion	43	Resp	427915
Ion Ratio	100		
Lower	10.7		
Upper	16.1		
61	13.4		
70	10.9		
	8.5		
	12.7		



#38
Carbon Tetrachloride
Concen: 48.660 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	117	Resp	485512
Ion Ratio	100		
Lower	75.4		
Upper	113.0		
119	93.8		
121	32.4		
	24.3		
	36.5		

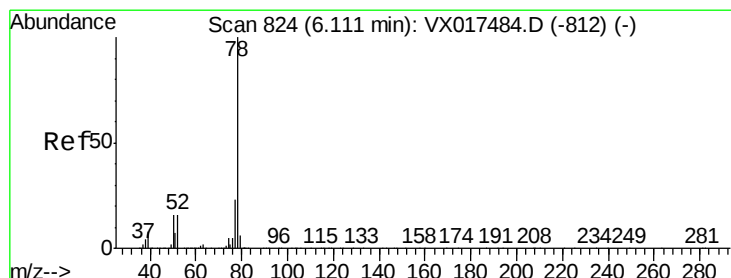
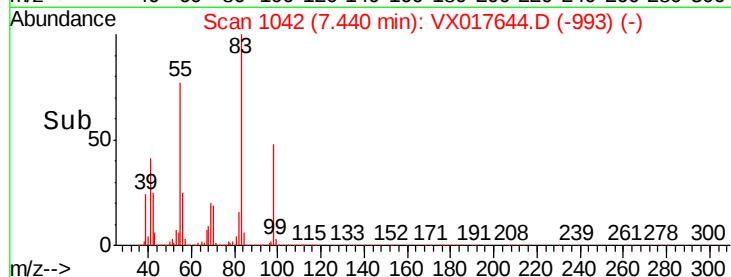
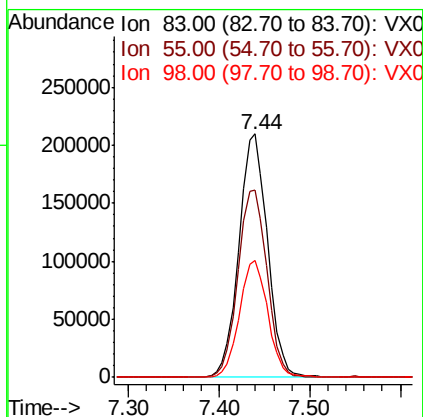
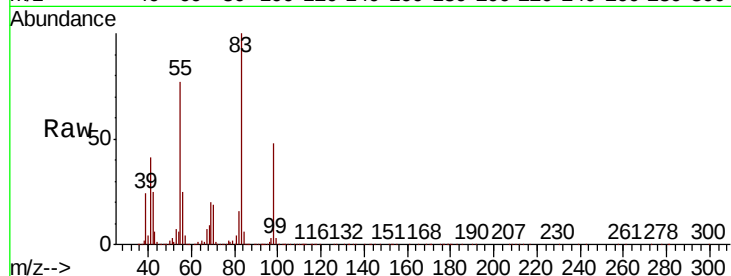




#39
Methvlcvclohexane
Concen: 47.758 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

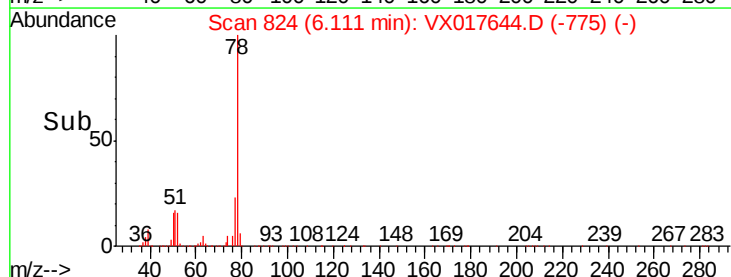
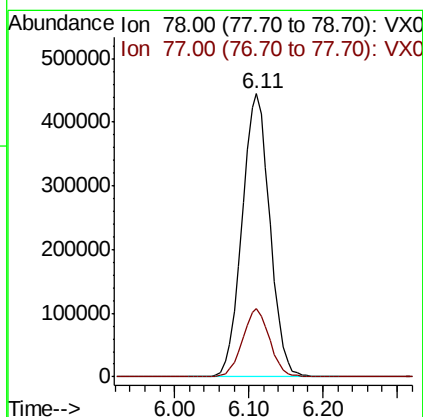
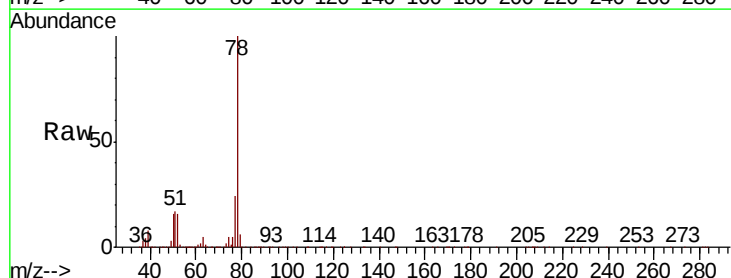
Instrument :
MSVOA_X
ClientSampleId :

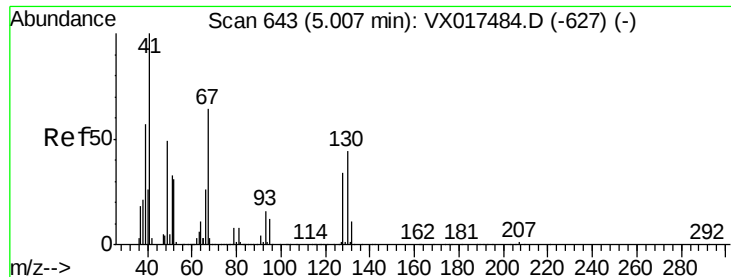
Tot Ion	83.00	Resp	458078
Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.8	92.8
98	48.3	36.9	55.3



#40
Benzene
Concen: 49.368 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	78.00	Resp	1162918
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.2





#41

Methacrylonitrile

Concen: 47.221 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 243329

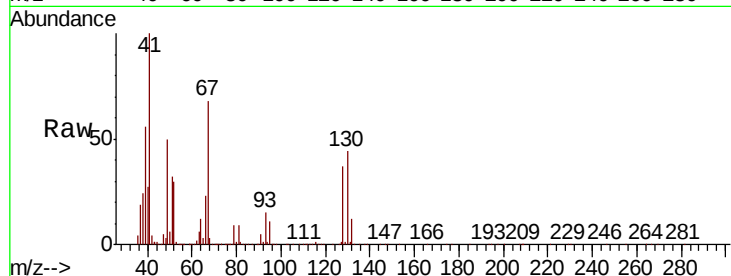
Ion Ratio Lower Upper

41 100

39 55.3 43.9 65.9

67 69.5 54.0 81.0

52 30.2 23.0 34.6

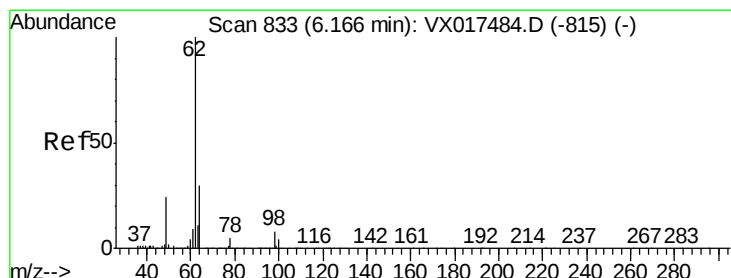
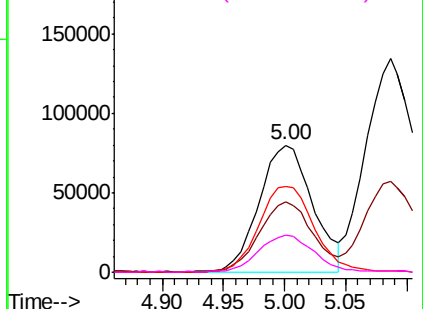
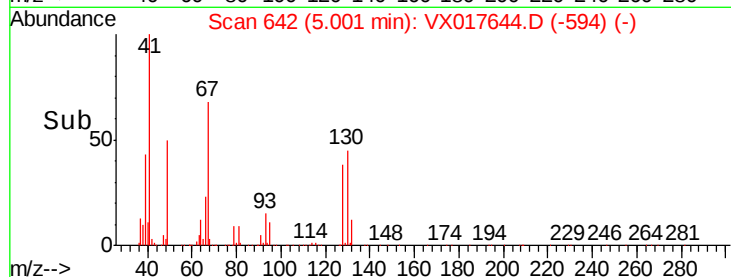


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.188 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017644.D

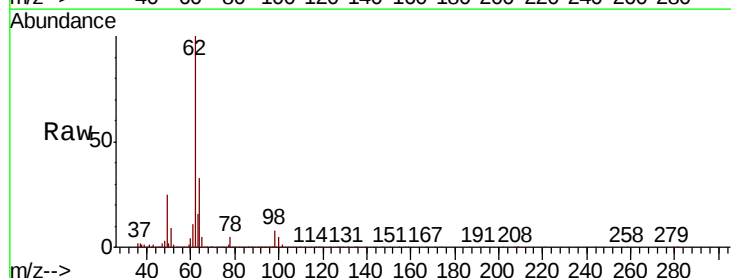
Acq: 28 Jul 2020 11:13

Tgt Ion: 62 Resp: 483656

Ion Ratio Lower Upper

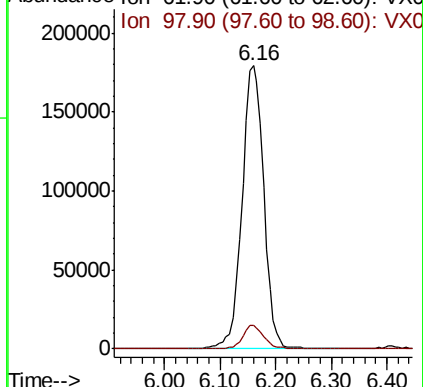
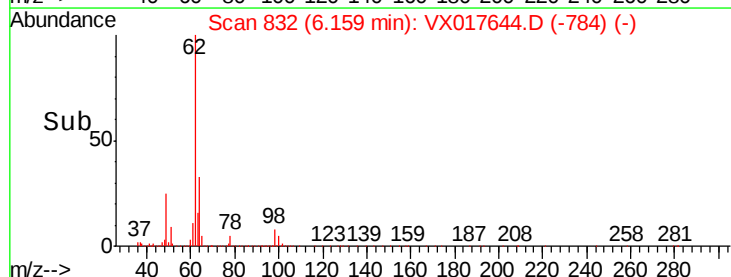
62 100

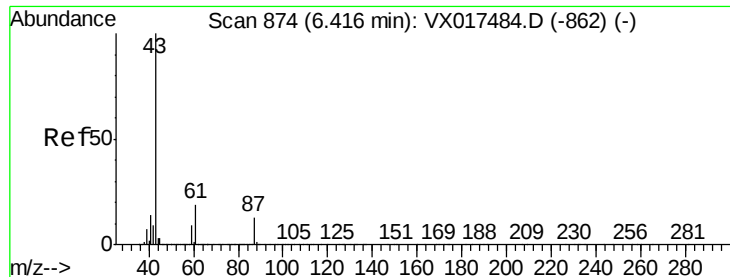
98 8.0 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



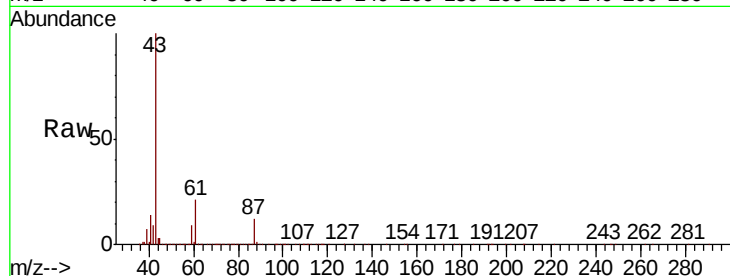


#43

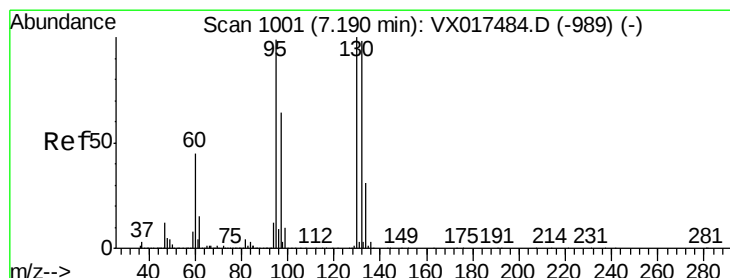
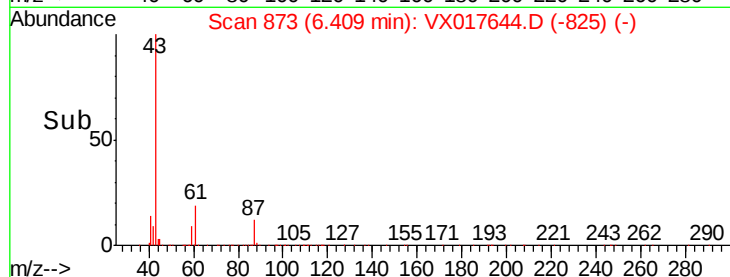
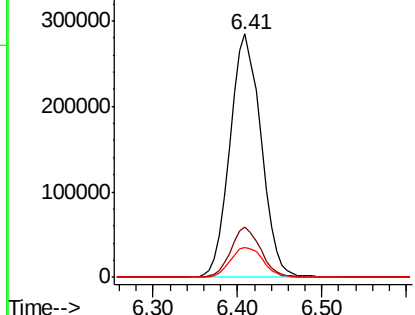
Isopropyl Acetate
 Concen: 47.980 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	711691
Ion Ratio	Lower	Upper	
43	100		
61	19.9	15.5	23.3
87	13.1	10.5	15.7



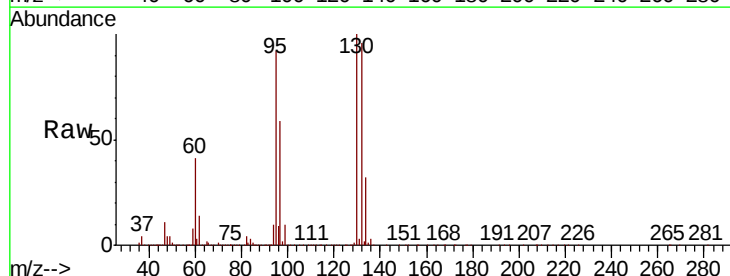
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



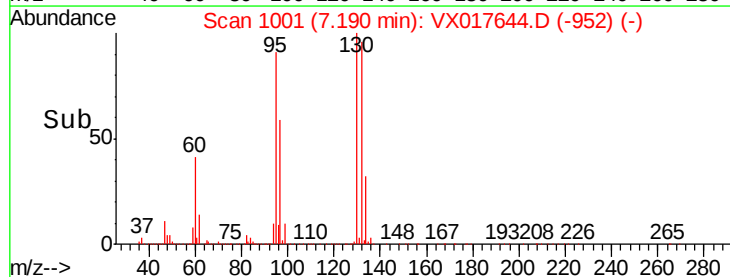
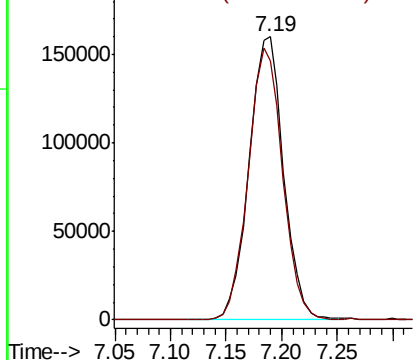
#44

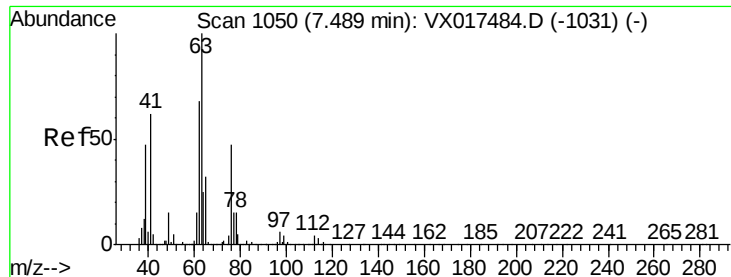
Trichloroethene
 Concen: 50.252 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	130	Resp	345938
Ion Ratio	Lower	Upper	
130	100		
95	91.5	0.0	189.0



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

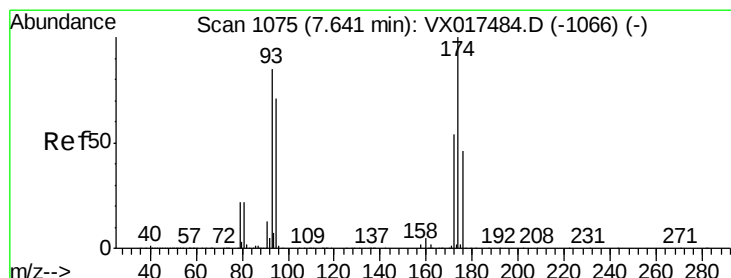
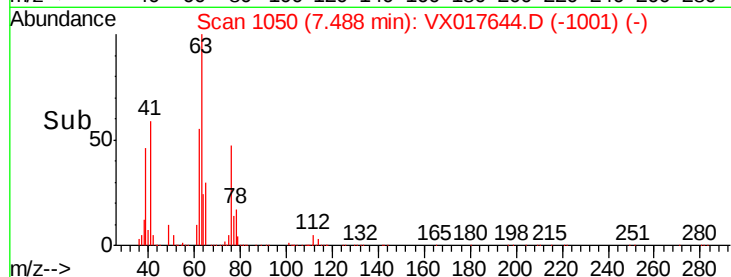
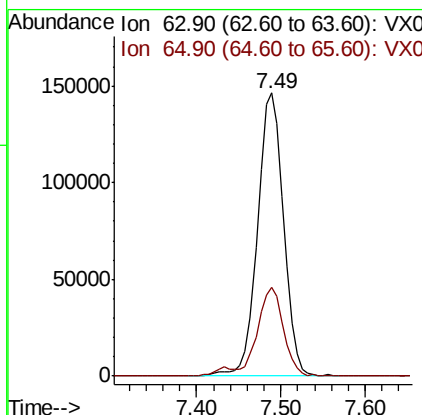
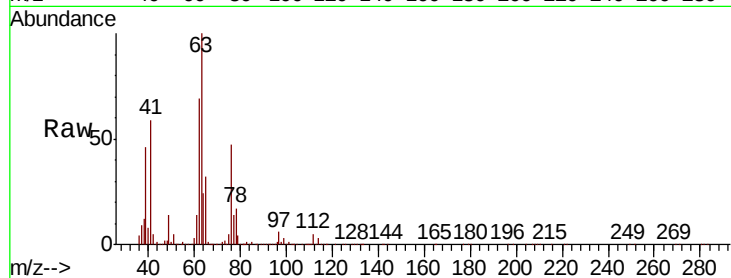




#45
 1,2-Dichloropropane
 Concen: 47.487 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

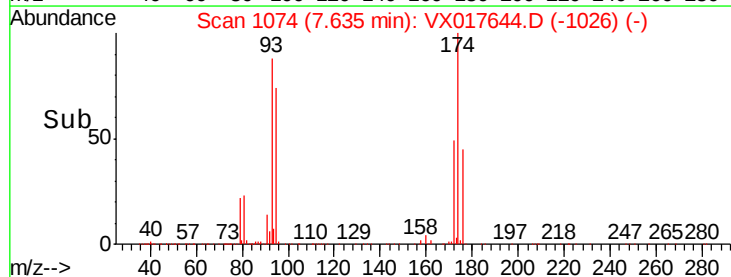
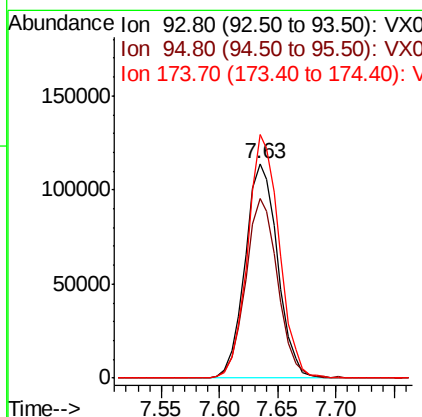
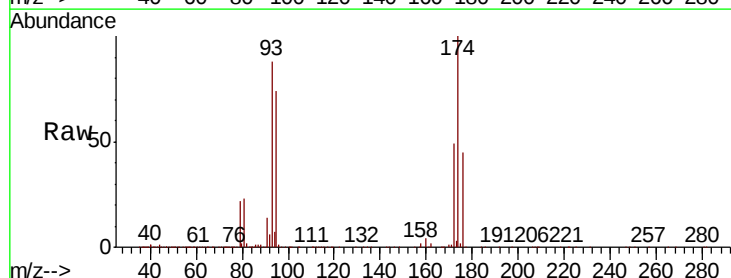
Instrument :
 MSVOA_X
 ClientSampleId :

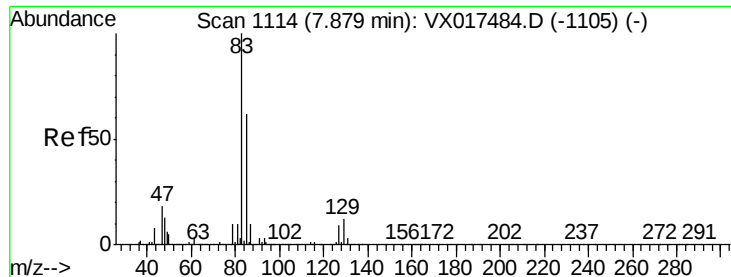
Tot Ion: 63 Resp: 310096
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.5 36.7



#46
 Dibromomethane
 Concen: 48.096 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion: 93 Resp: 221958
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 99.8
 174 110.9 87.0 130.6





#47

Bromodichloromethane

Concen: 50.144 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

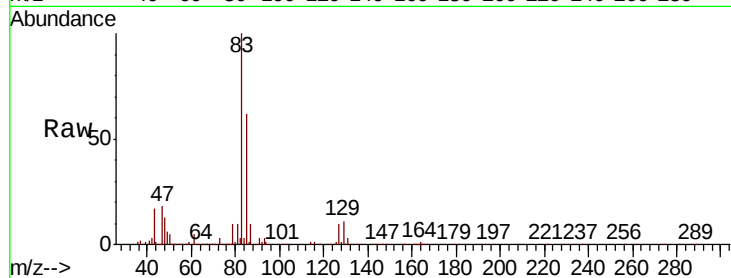
Tot Ion: 83 Resp: 465628

Ion Ratio Lower Upper

83 100

85 62.3 51.8 77.8

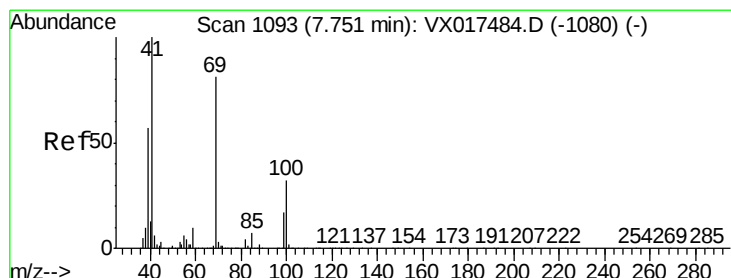
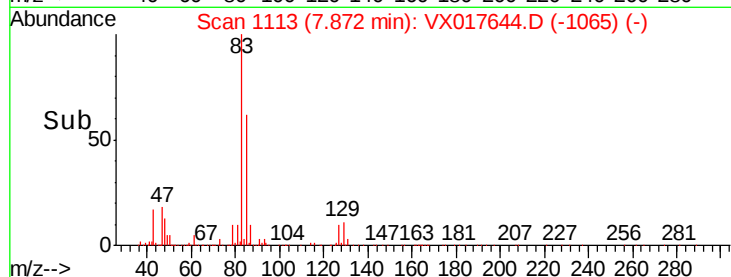
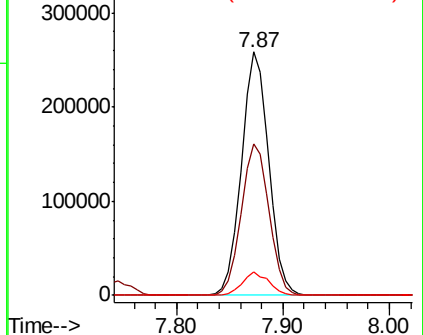
127 9.8 7.4 11.2



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: 48.425 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

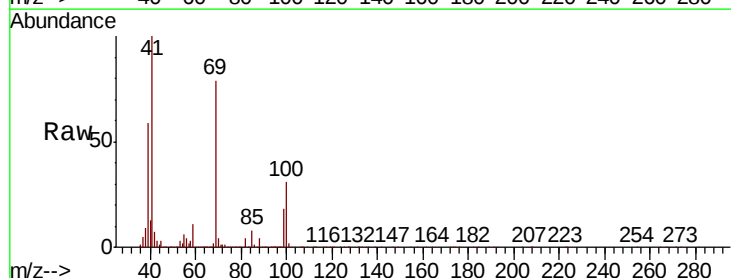
Tgt Ion: 41 Resp: 356046

Ion Ratio Lower Upper

41 100

69 80.4 63.1 94.7

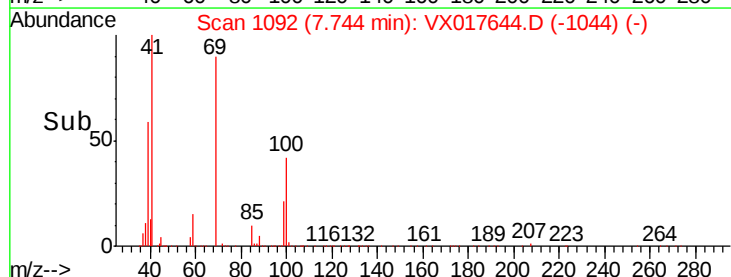
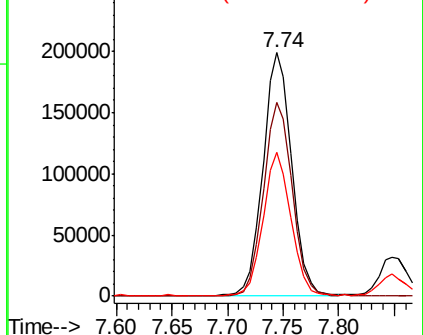
39 57.4 45.1 67.7

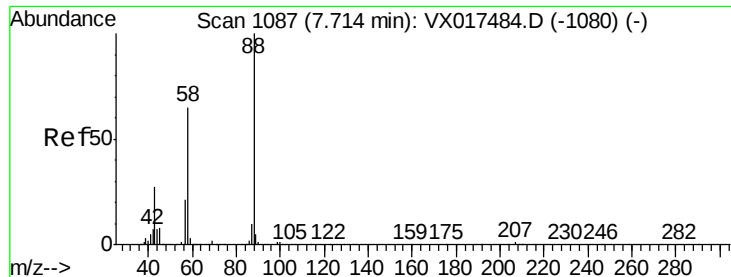


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

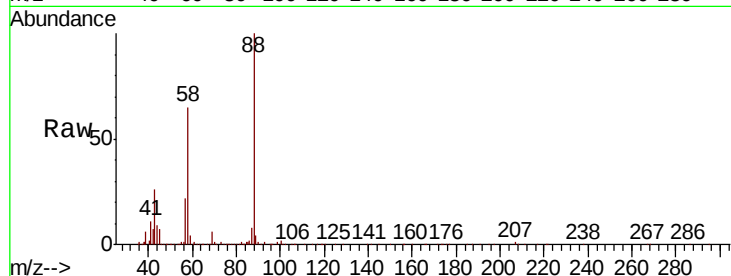




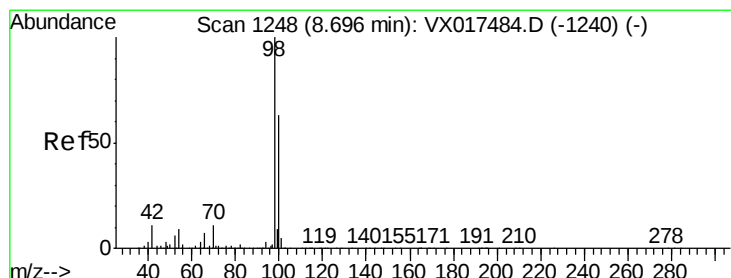
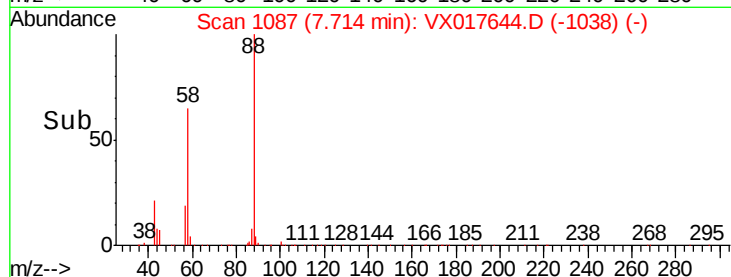
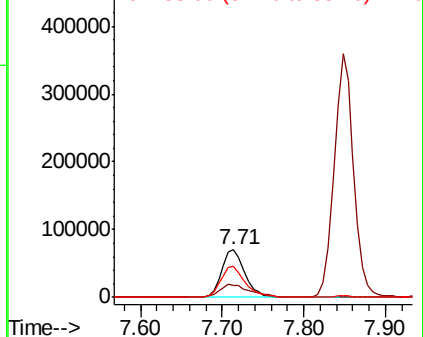
#49
1,4-Dioxane
Concen: 989.243 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 139450
Ion Ratio Lower Upper
88 100
43 34.1 27.8 41.6
58 68.0 58.3 87.5

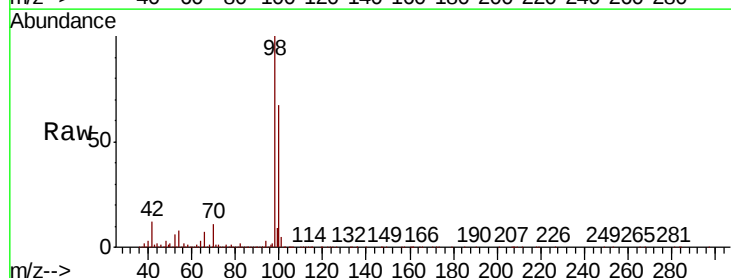


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

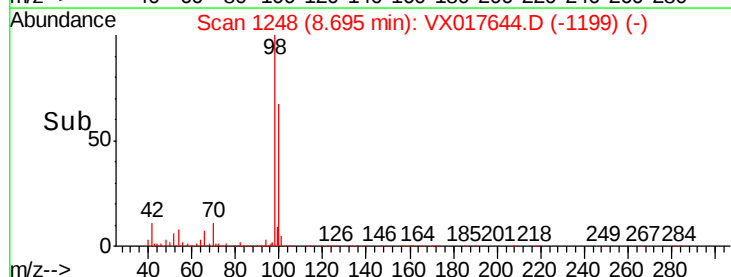
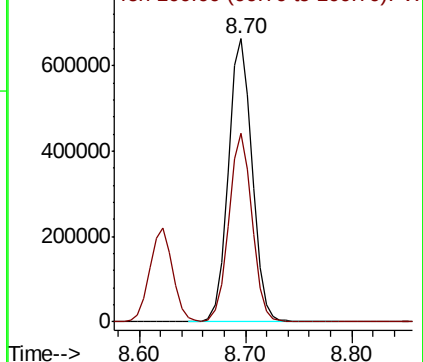


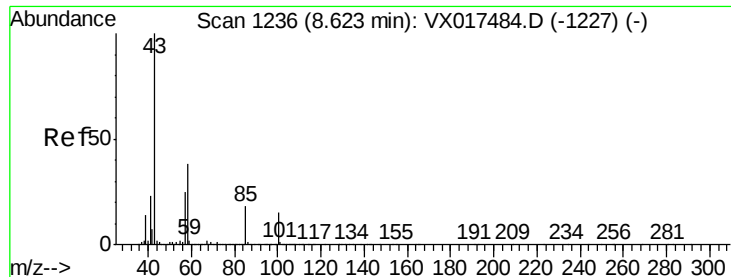
#50
Toluene-d8
Concen: 50.307 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 98 Resp: 1039805
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 250.887 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

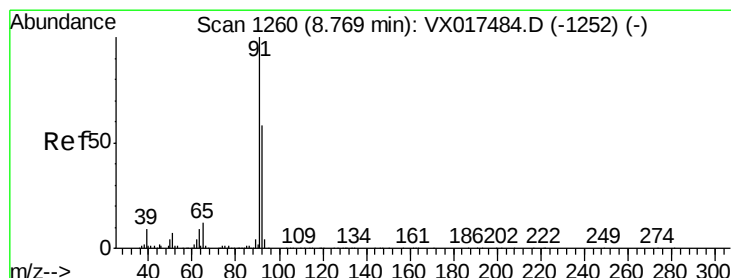
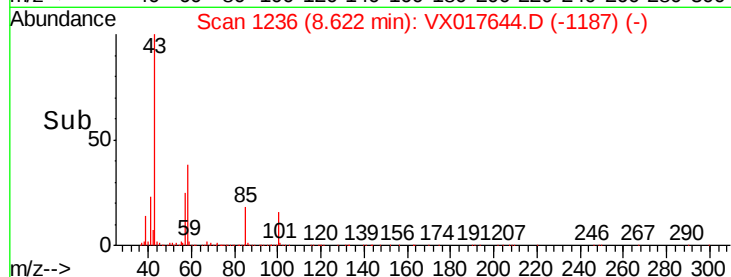
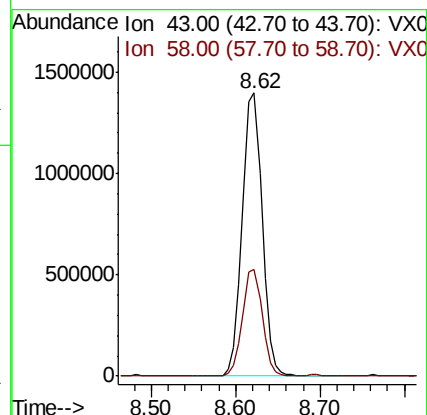
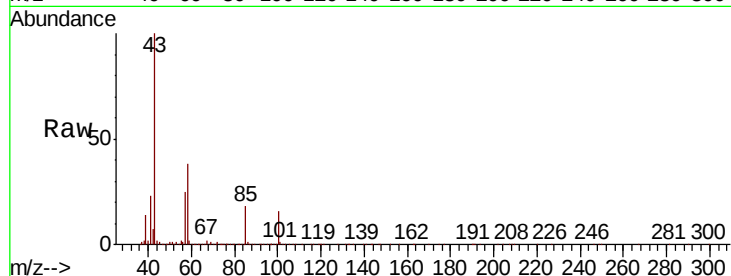
ClientSampleId :

Tot Ion: 43 Resp: 2220422

Ion Ratio Lower Upper

43 100

58 37.6 31.0 46.4



#52

Toluene

Concen: 49.672 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX017644.D

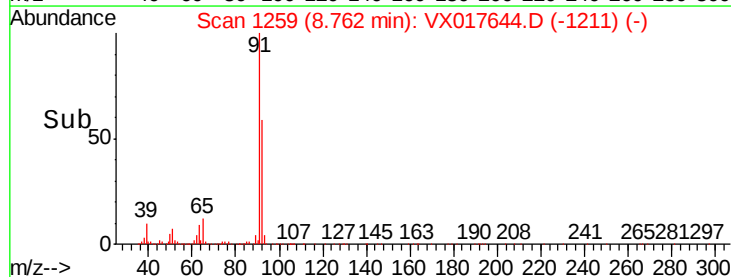
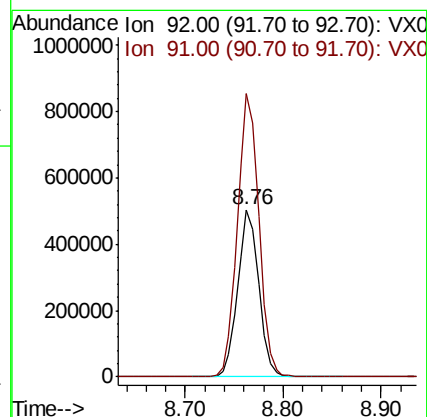
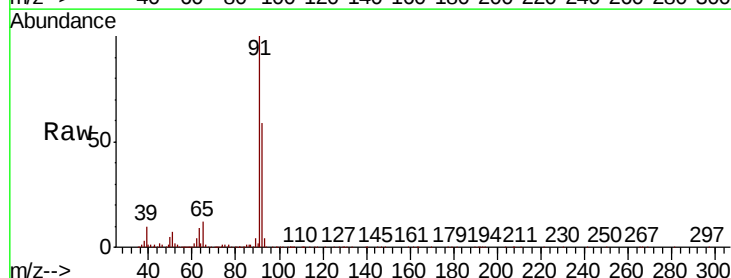
Acq: 28 Jul 2020 11:13

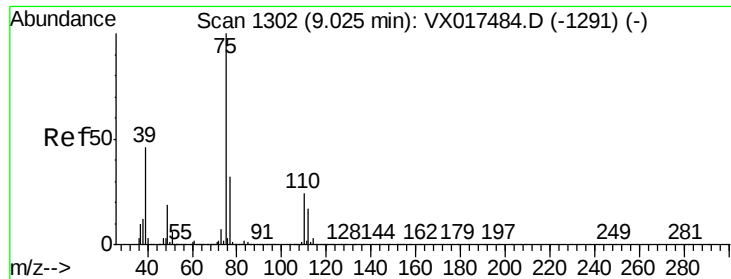
Tgt Ion: 92 Resp: 750394

Ion Ratio Lower Upper

92 100

91 173.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.042 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

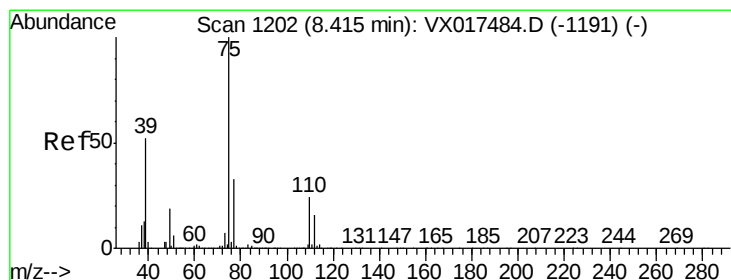
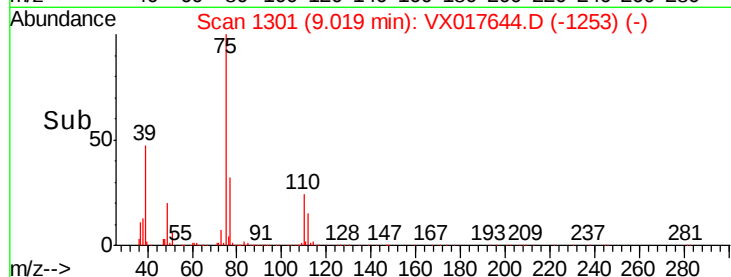
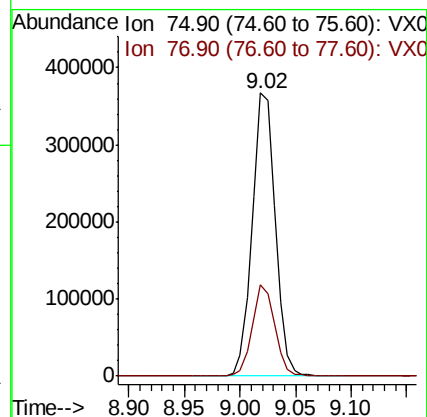
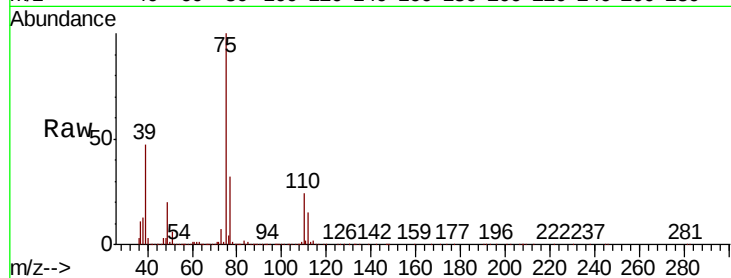
ClientSampleId :

Tot Ion: 75 Resp: 530564

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 51.174 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

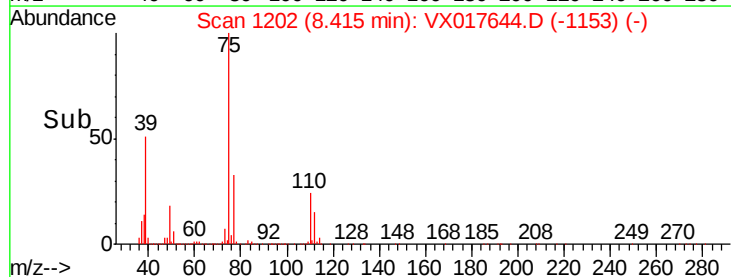
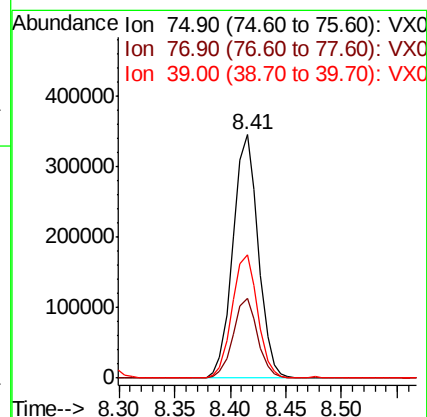
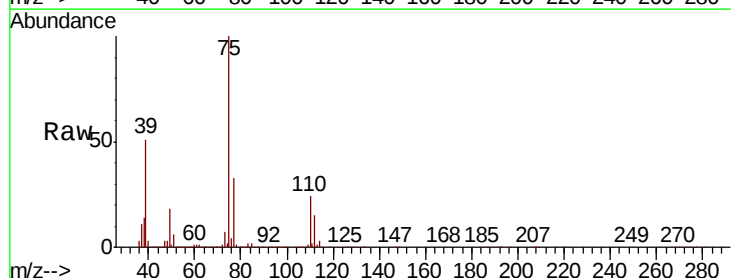
Tgt Ion: 75 Resp: 542568

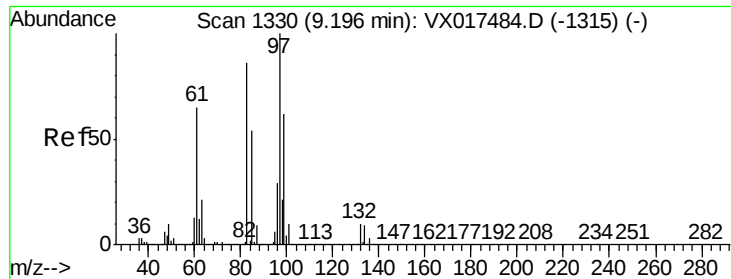
Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

39 50.6 41.8 62.8

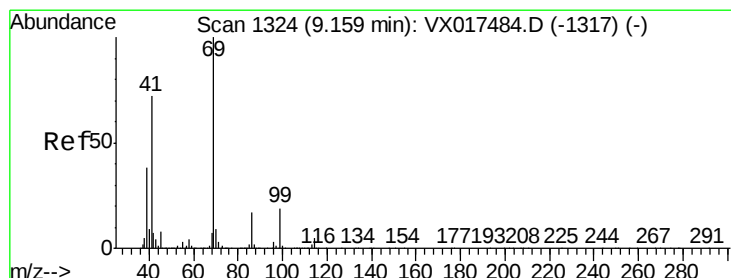
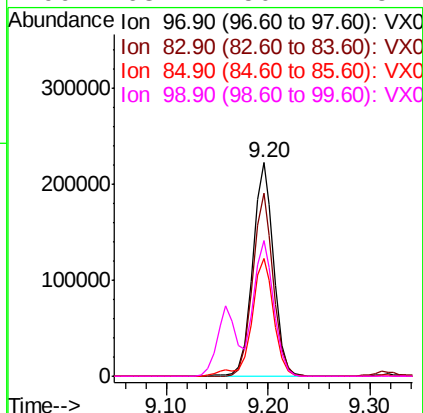
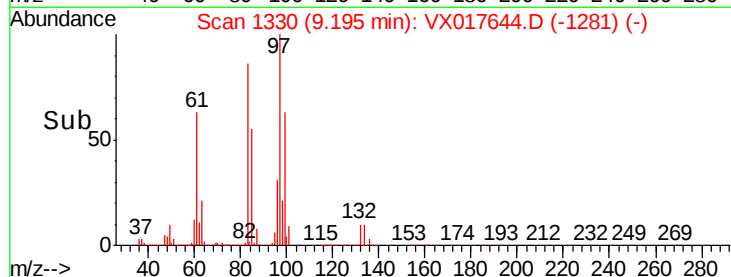
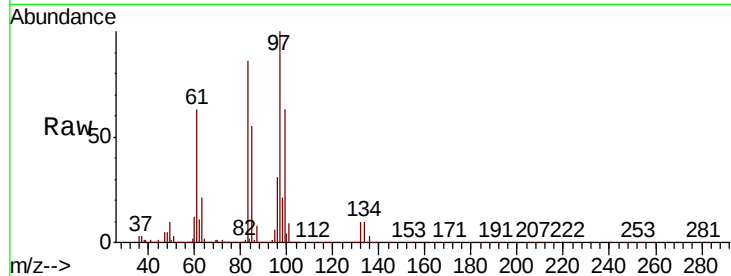




#55
1,1,2-Trichloroethane
Concen: 50.771 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

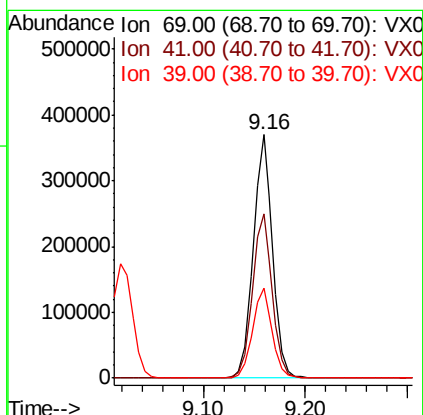
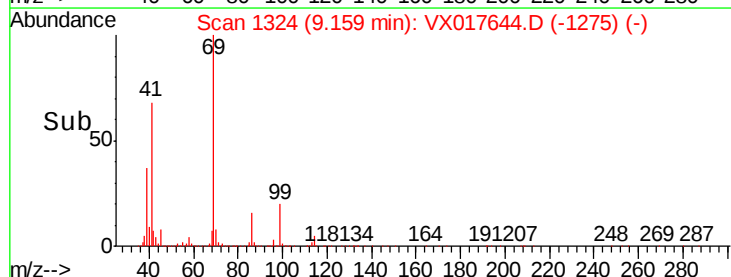
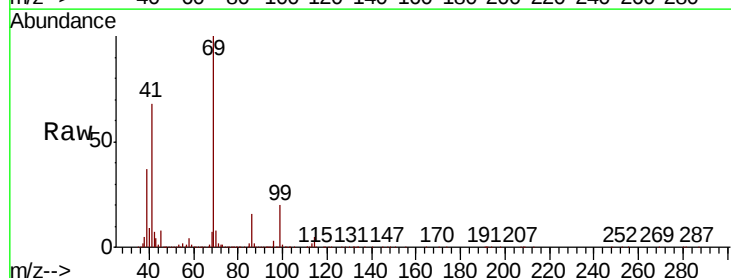
Instrument :
MSVOA_X
ClientSampleId :

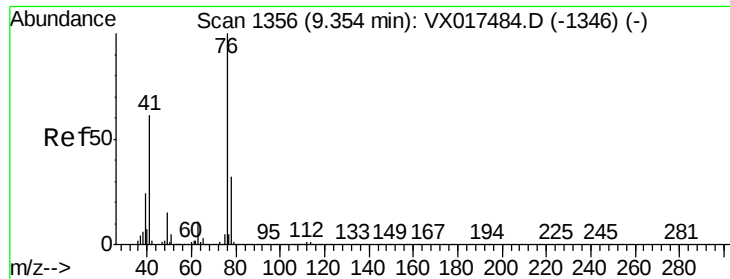
Tot Ion:	97	Resp:	319512
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.6	101.4
85	55.0	44.6	67.0
99	63.4	50.2	75.4



#56
Ethyl methacrylate
Concen: 51.574 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion:	69	Resp:	488985
Ion	Ratio	Lower	Upper
69	100		
41	68.8	55.0	82.6
39	37.5	30.0	45.0

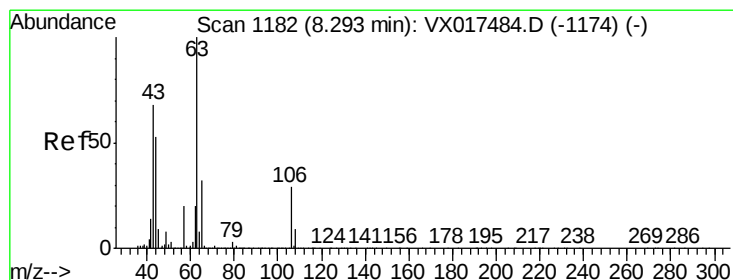
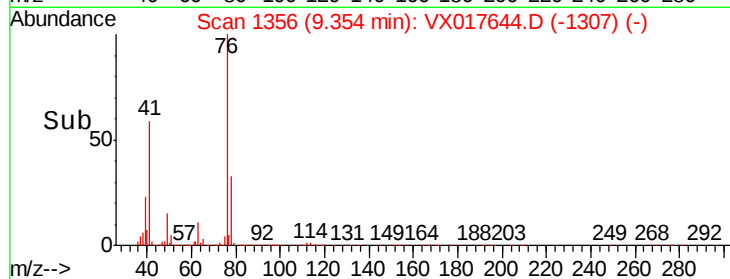
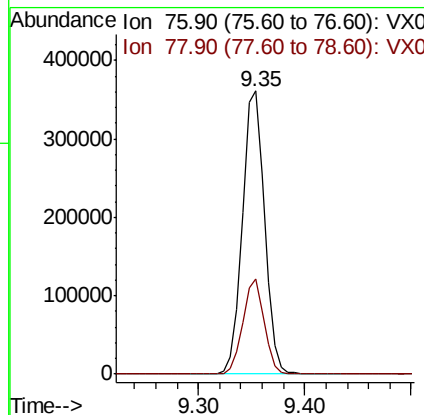
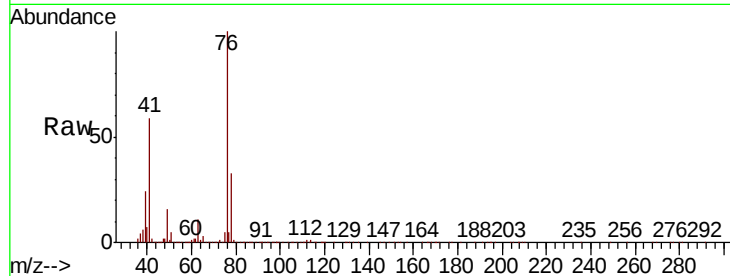




#57
 1,3-Dichloropropane
 Concen: 51.101 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

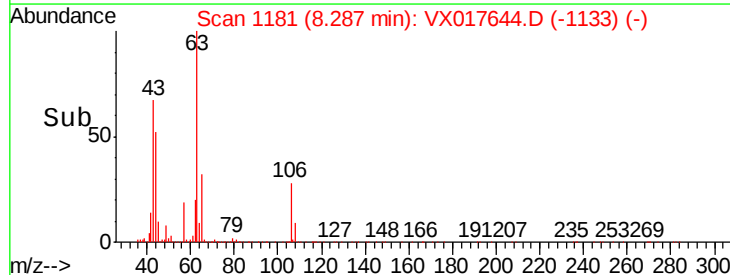
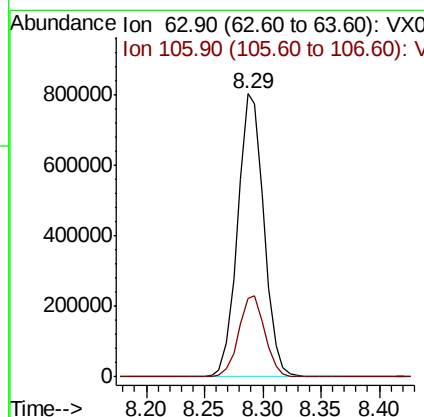
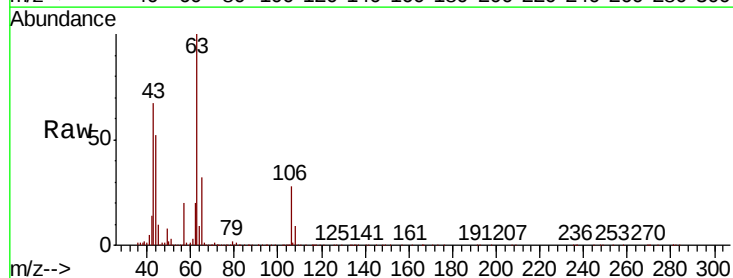
Instrument :
 MSVOA_X
 ClientSampleId :

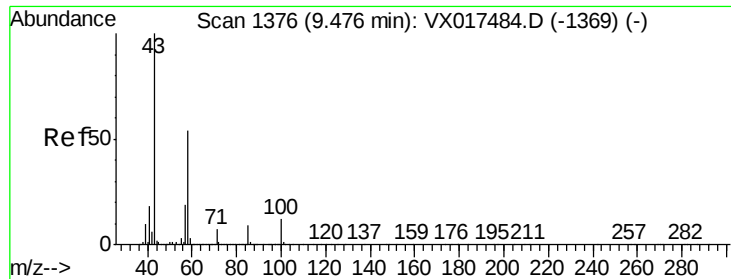
Tot Ion: 76 Resp: 529528
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.732 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion: 63 Resp: 1257428
 Ion Ratio Lower Upper
 63 100
 106 28.6 22.6 34.0

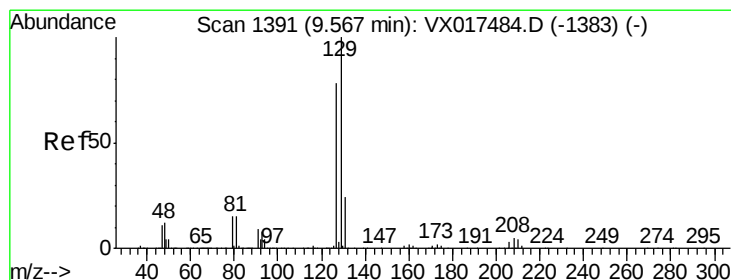
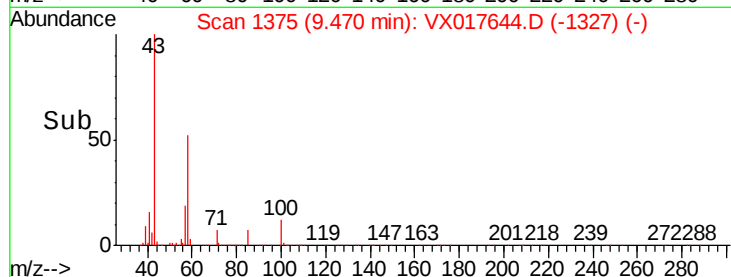
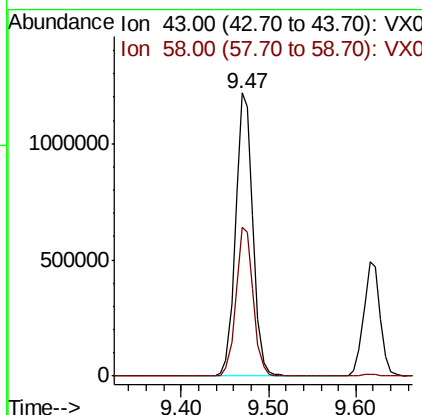
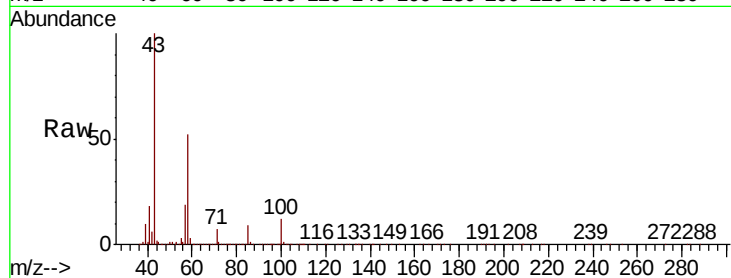




#59
2-Hexanone
Concen: 252.782 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

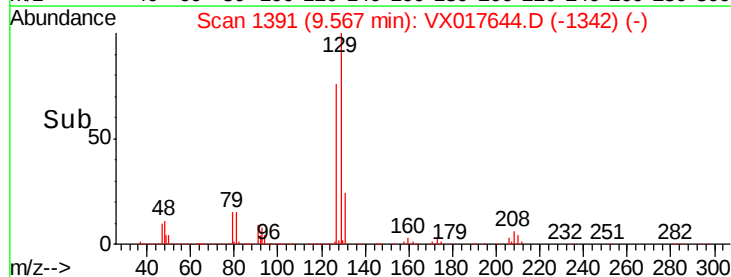
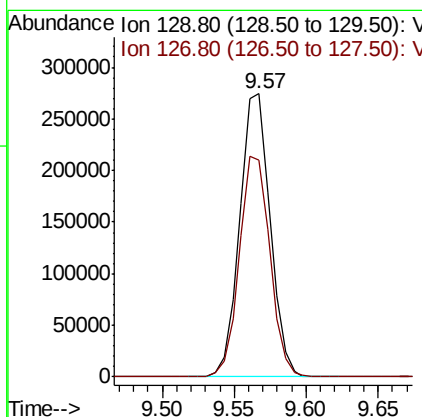
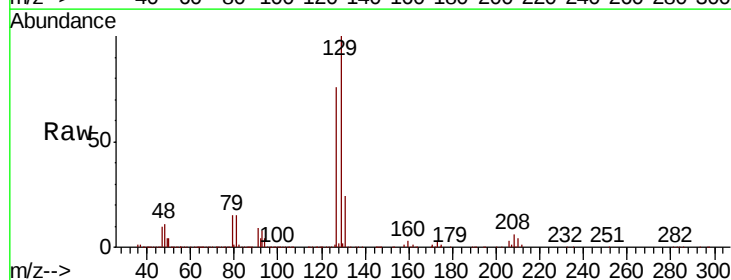
Instrument :
MSVOA_X
ClientSampleId :

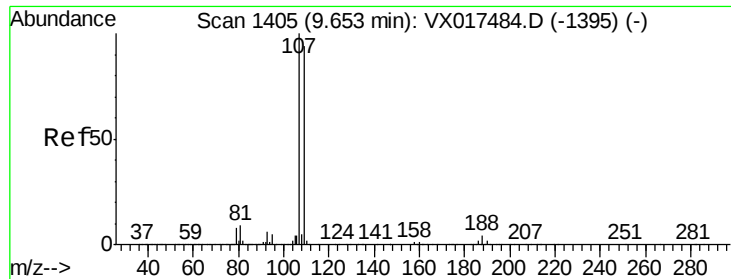
Tot Ion: 43 Resp: 1684351
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.8



#60
Dibromochloromethane
Concen: 50.268 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion:129 Resp: 402078
Ion Ratio Lower Upper
129 100
127 78.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 53.238 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

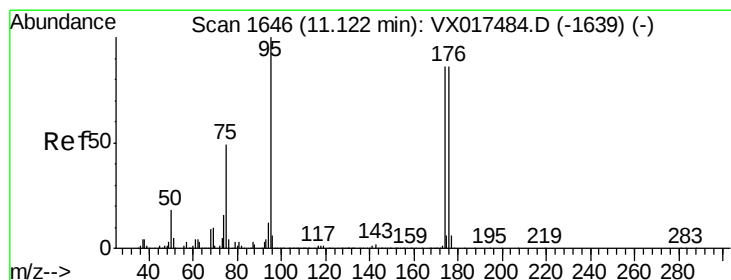
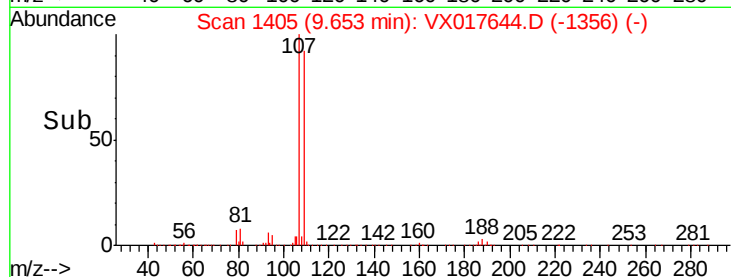
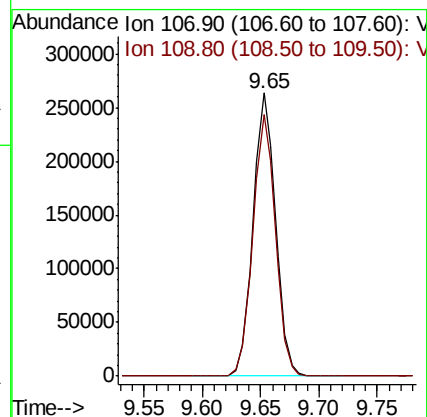
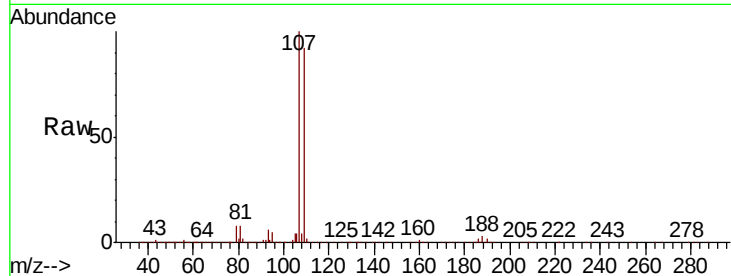
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:107 Resp: 356697

Ion Ratio Lower Upper

107 100

109 92.7 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 50.035 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

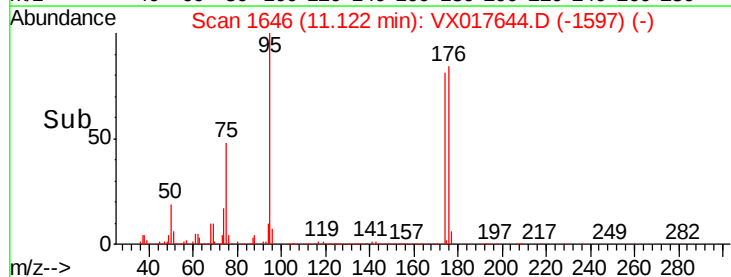
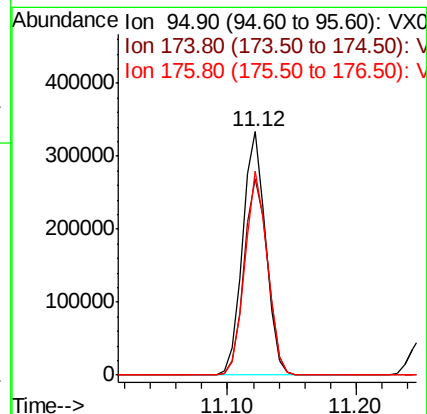
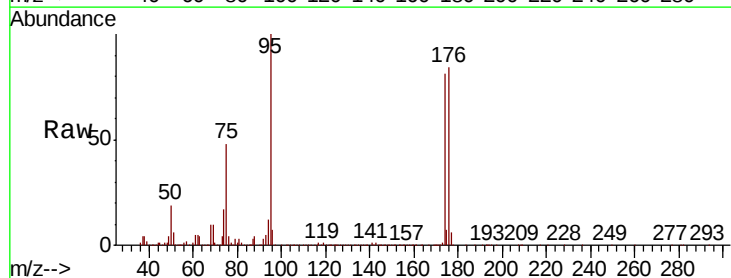
Tgt Ion: 95 Resp: 413886

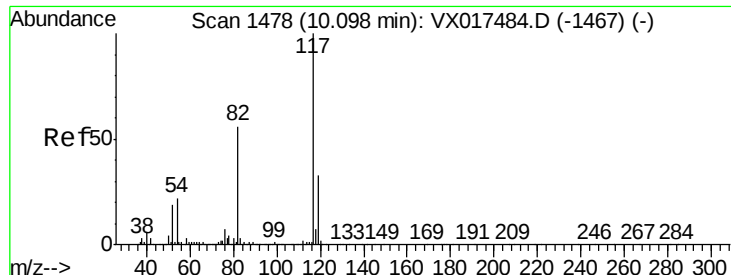
Ion Ratio Lower Upper

95 100

174 82.6 0.0 169.0

176 82.0 0.0 161.0

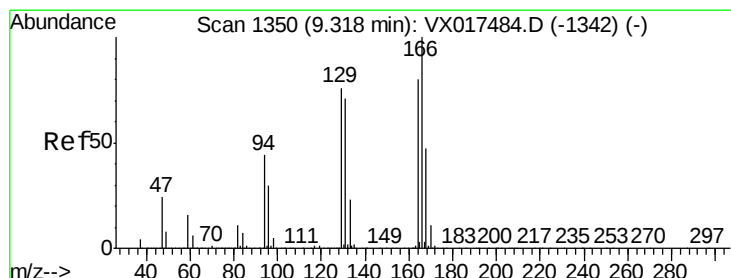
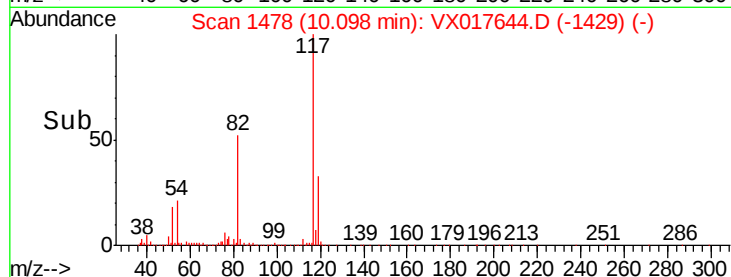
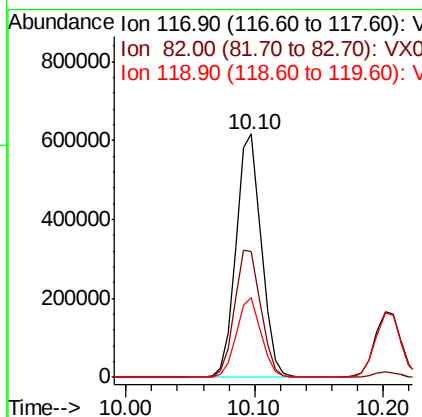
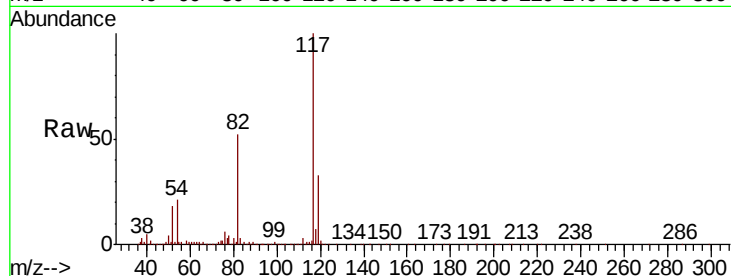




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

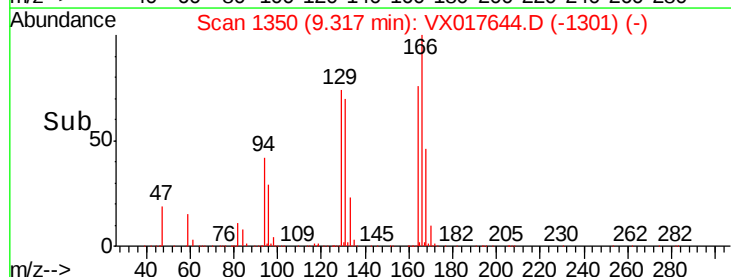
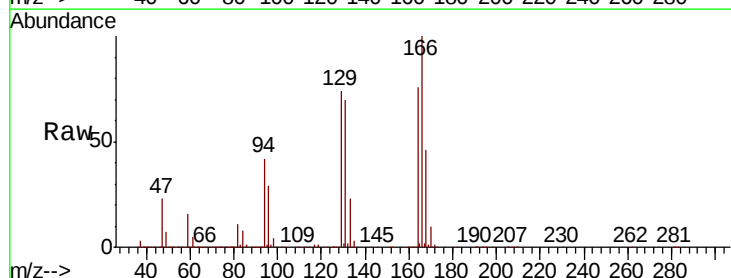
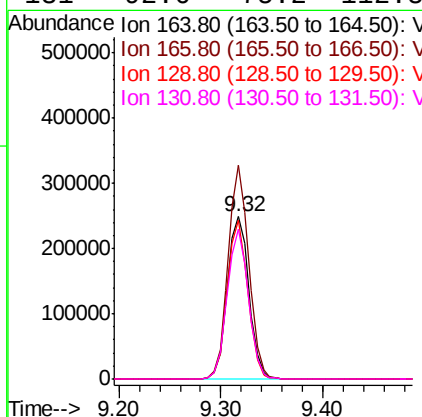
Instrument :
MSVOA_X
ClientSampleId :

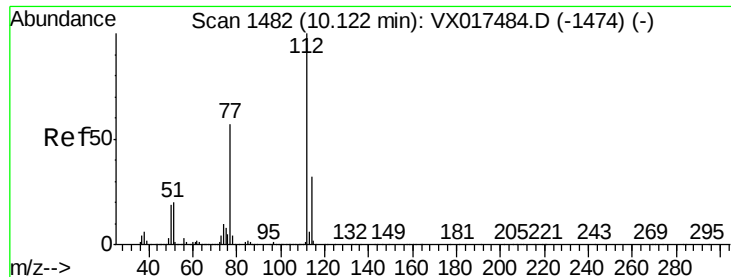
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.0	66.0
119	32.6	25.4	38.0



#64
Tetrachloroethene
Concen: 47.835 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.8	100.6	150.8
129	98.0	75.0	112.6
131	92.6	75.2	112.8

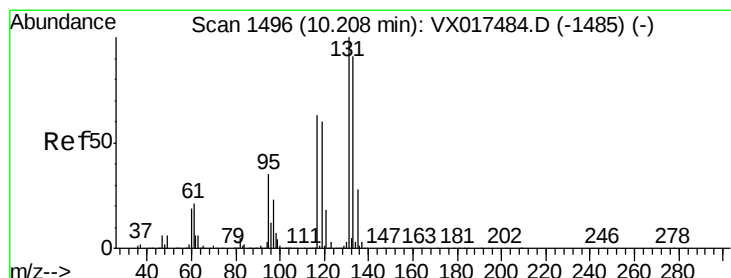
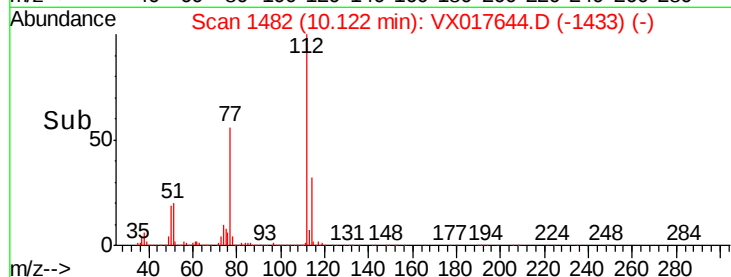
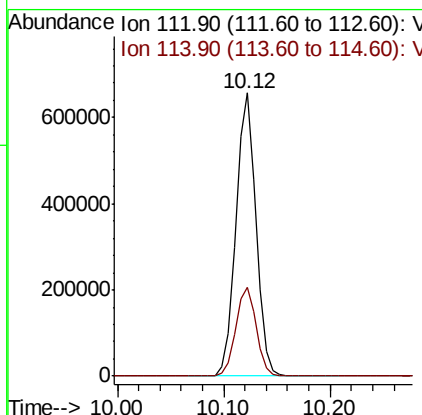
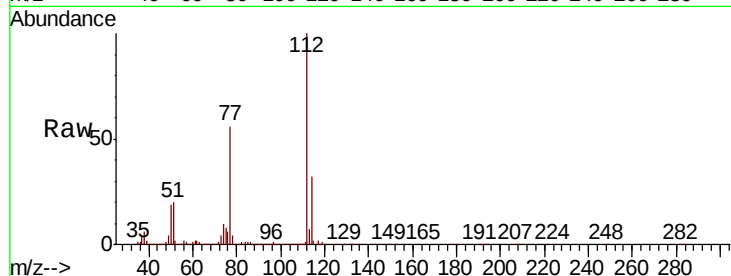




#65
Chlorobenzene
Concen: 47.635 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

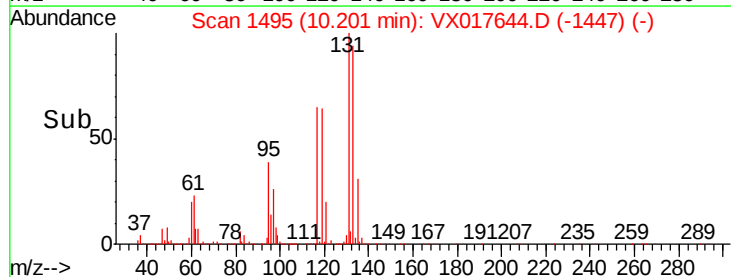
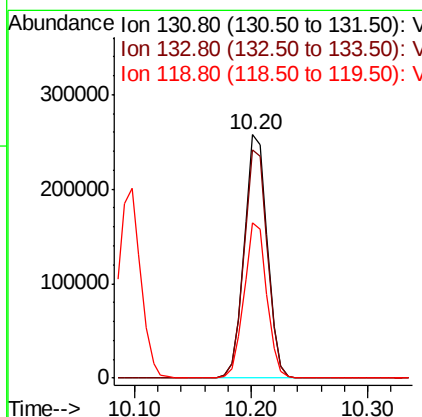
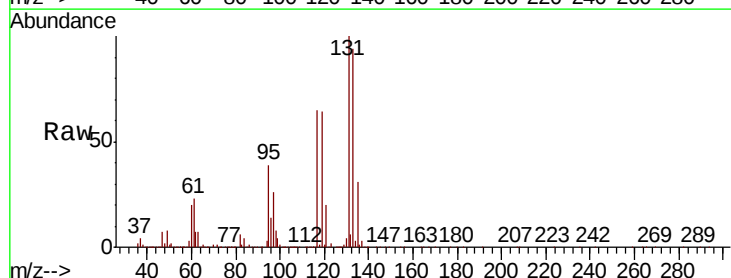
Instrument :
MSVOA_X
ClientSampleId :

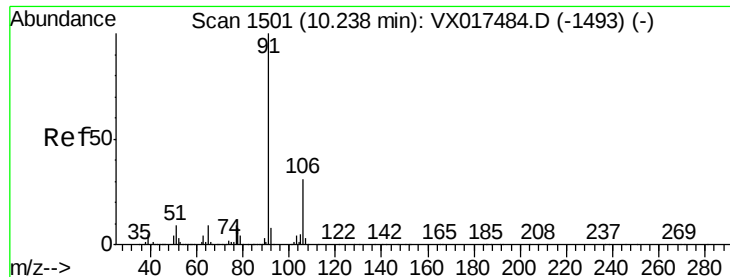
Tot Ion:112 Resp: 868831
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 48.429 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion:131 Resp: 356495
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 62.5 31.1 93.3

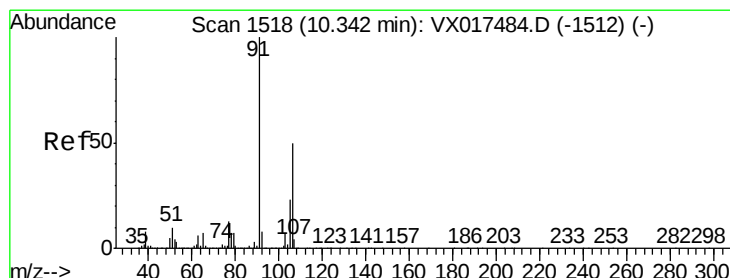
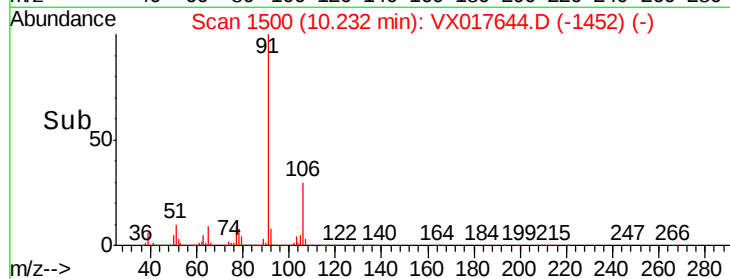
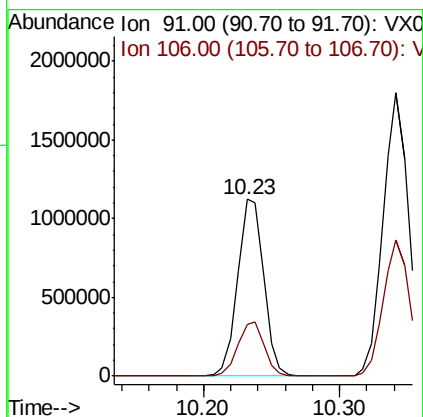
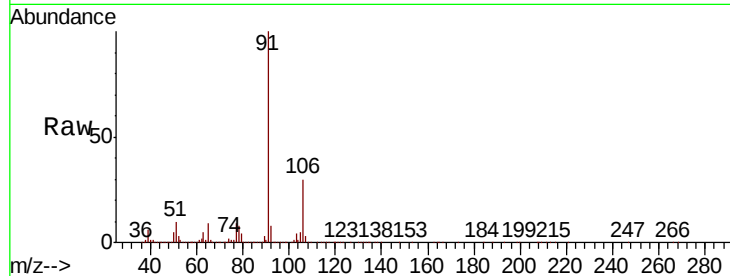




#67
Ethyl Benzene
Concen: 49.297 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

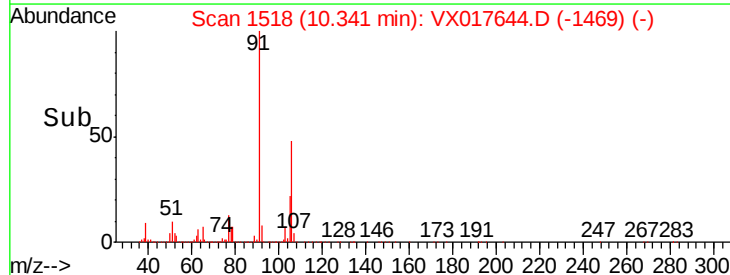
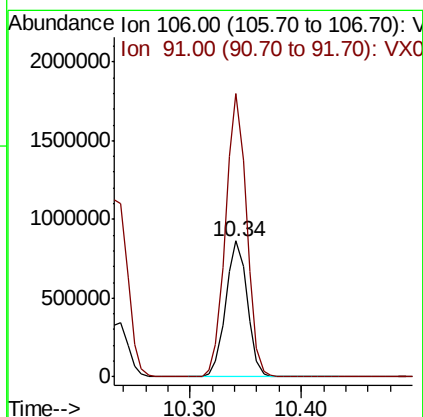
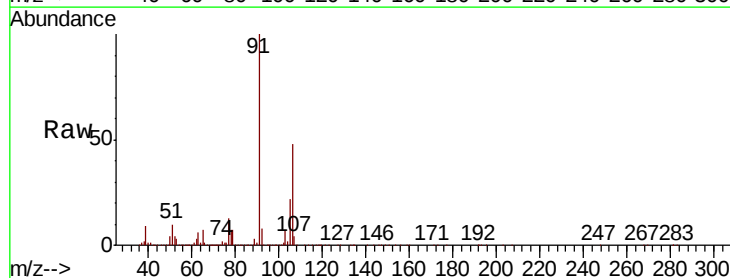
Instrument :
MSVOA_X
ClientSampled :

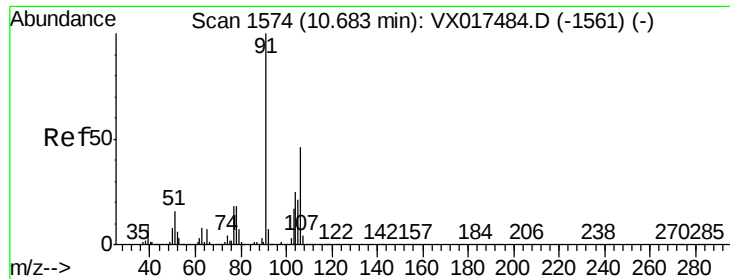
Tot Ion: 91 Resp: 1500904
Ion Ratio Lower Upper
91 100
106 29.5 25.8 38.6



#68
m/p-Xylenes
Concen: 97.879 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 106 Resp: 1154468
Ion Ratio Lower Upper
106 100
91 204.0 160.9 241.3

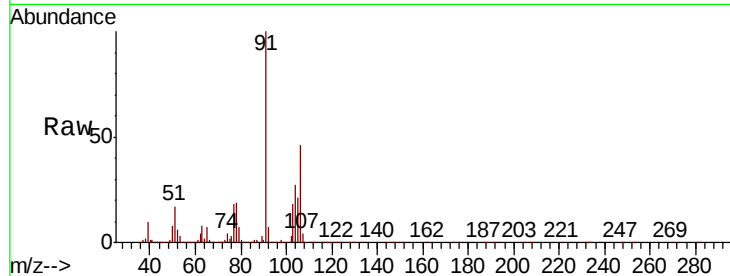




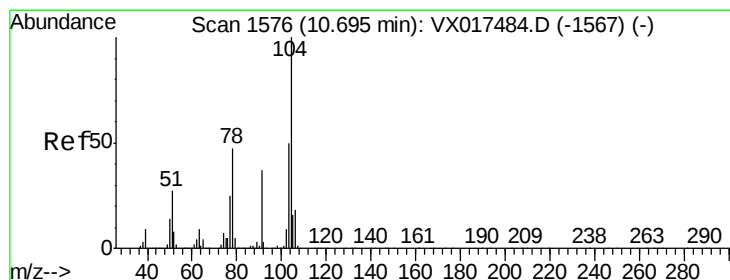
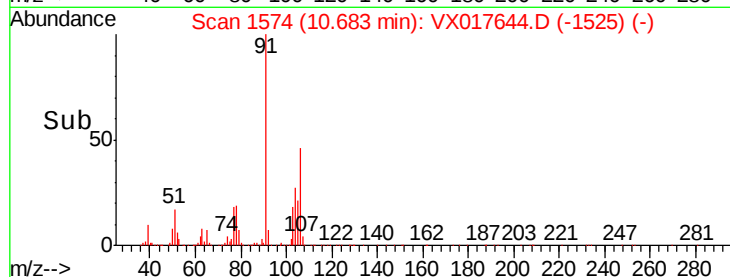
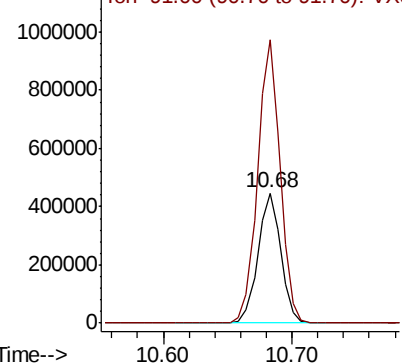
#69
o-Xylene
Concen: 48.870 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 554378
Ion Ratio Lower Upper
106 100
91 214.4 108.2 324.6

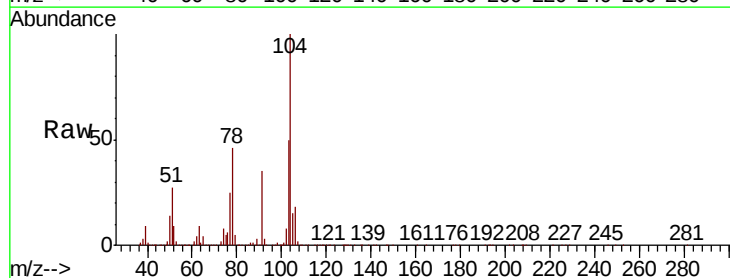


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

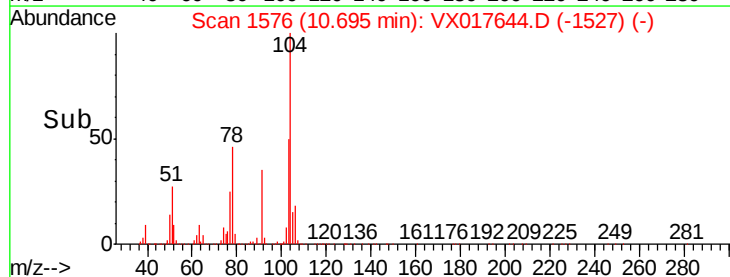
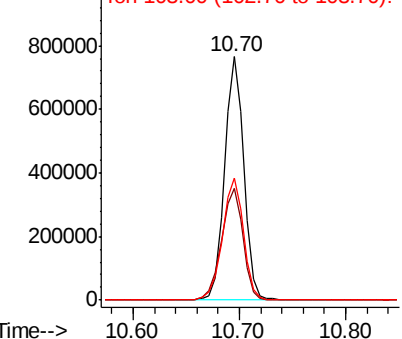


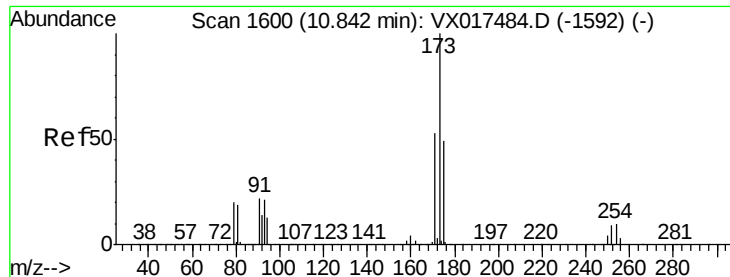
#70
Styrene
Concen: 50.173 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion:104 Resp: 968387
Ion Ratio Lower Upper
104 100
78 51.5 42.5 63.7
103 54.7 44.3 66.5



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





#71

Bromoform

Concen: 46.936 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

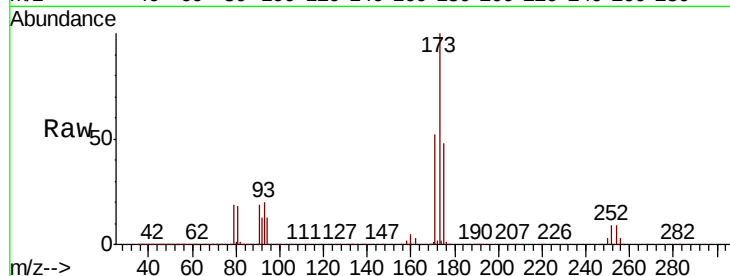
Tot Ion:173 Resp: 299340

Ion Ratio Lower Upper

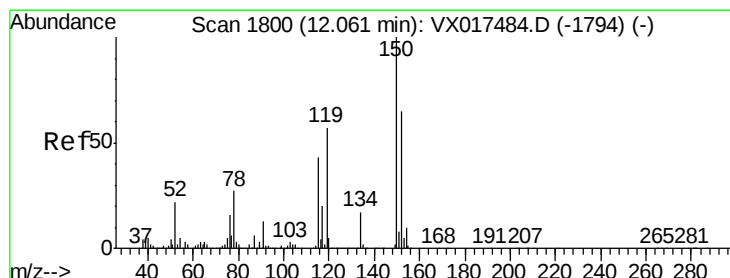
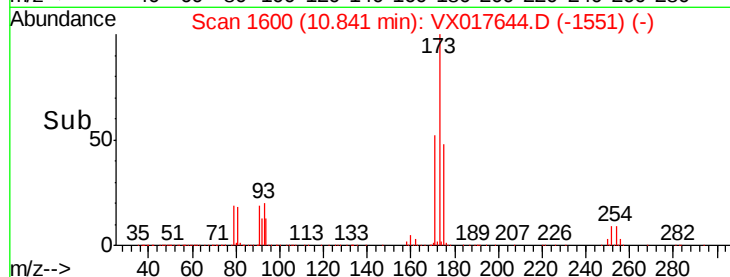
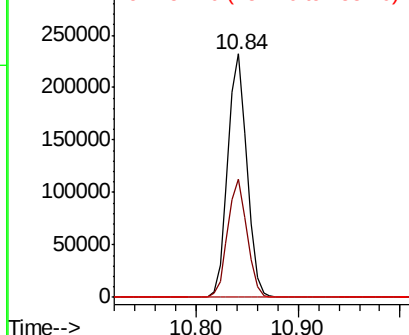
173 100

175 49.2 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: VX017644.D

Acq: 28 Jul 2020 11:13

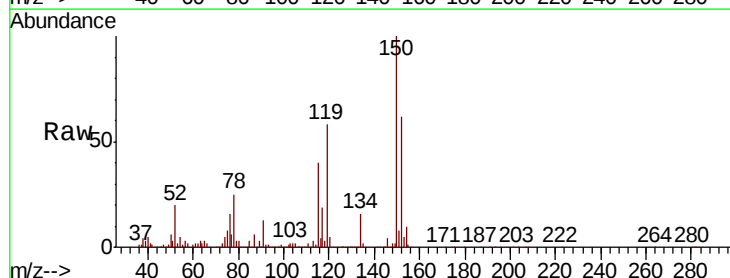
Tgt Ion:152 Resp: 437535

Ion Ratio Lower Upper

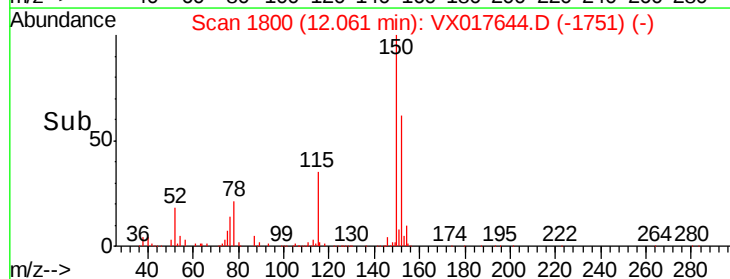
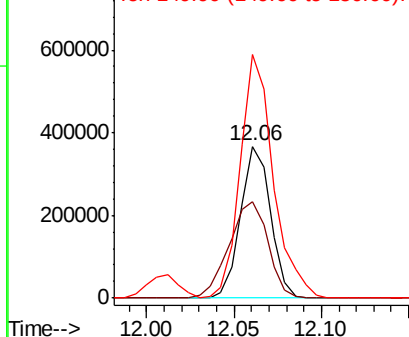
152 100

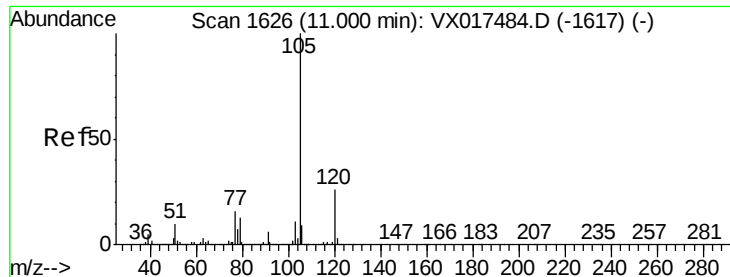
115 81.7 65.5 196.6

150 176.8 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: 50.644 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

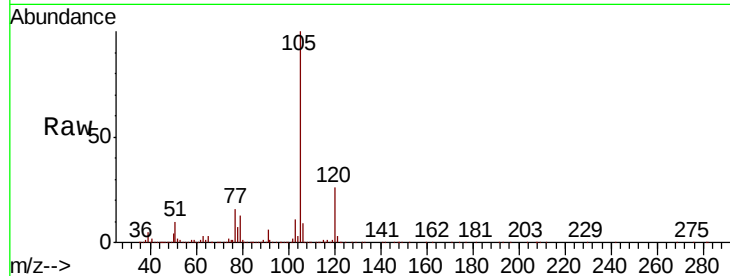
ClientSampleId :

Tot Ion: 105 Resp: 1520118

Ion Ratio Lower Upper

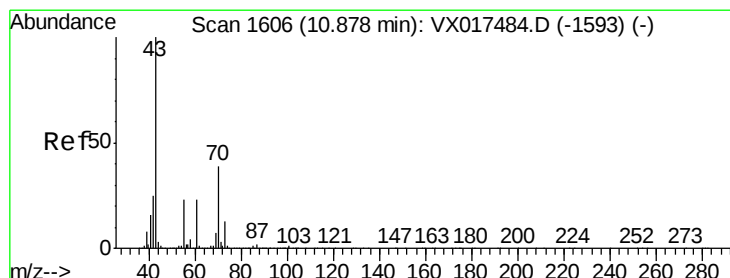
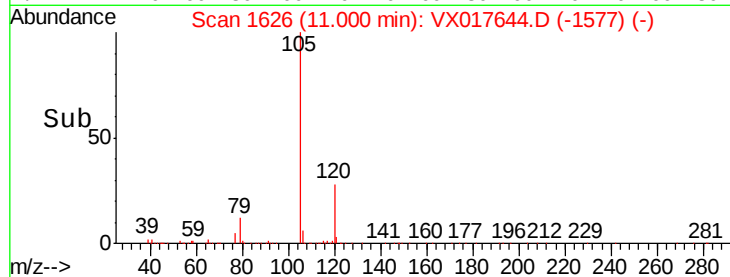
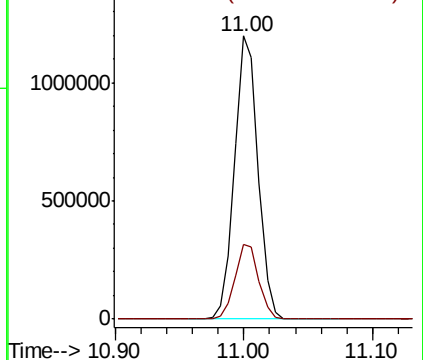
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.610 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Tgt Ion: 43 Resp: 661608

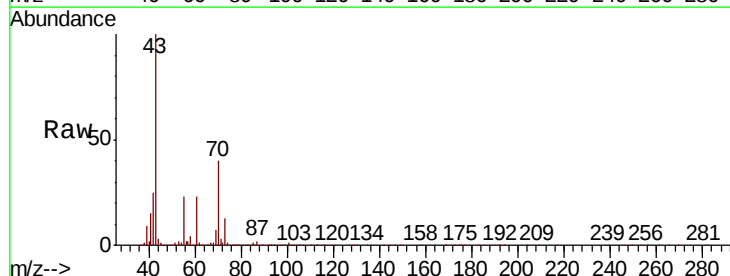
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 23.9 18.4 27.6

61 23.7 18.6 28.0

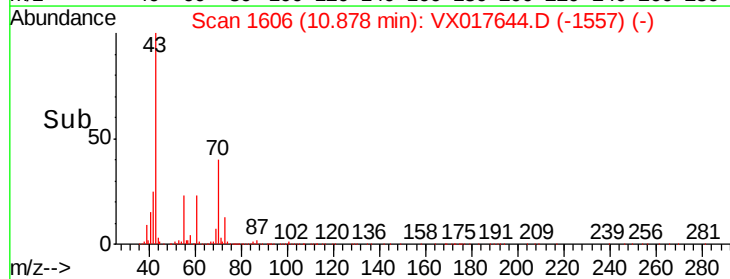
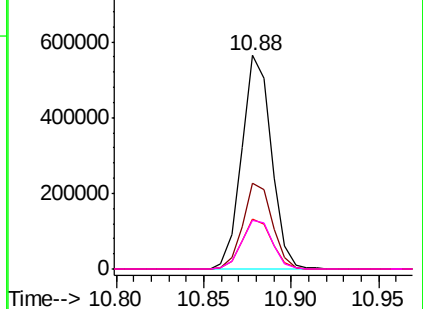


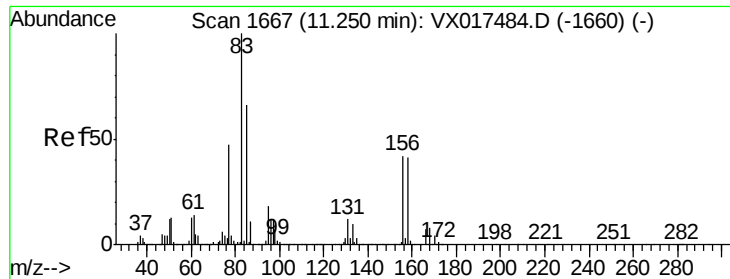
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 45.999 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

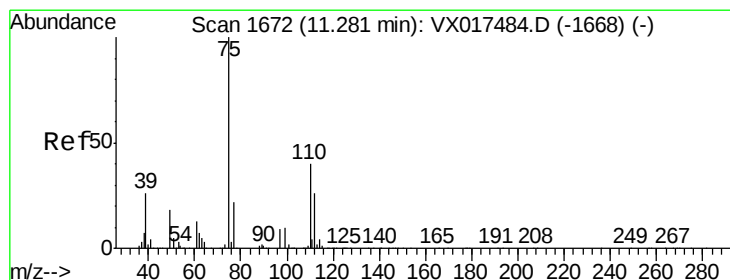
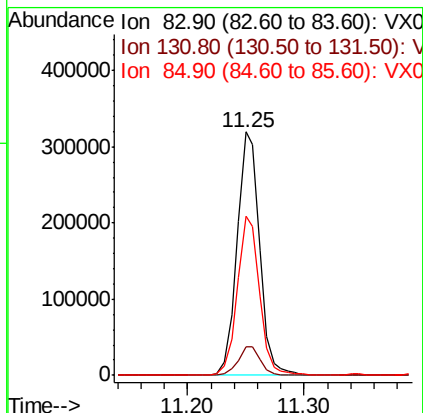
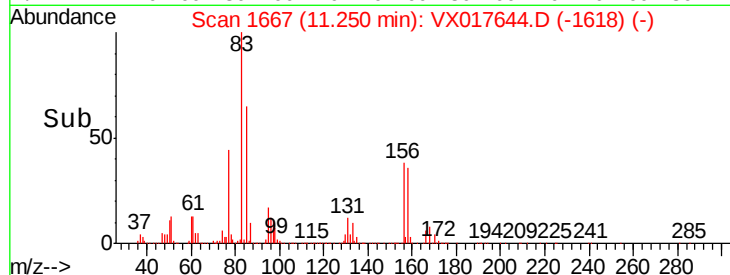
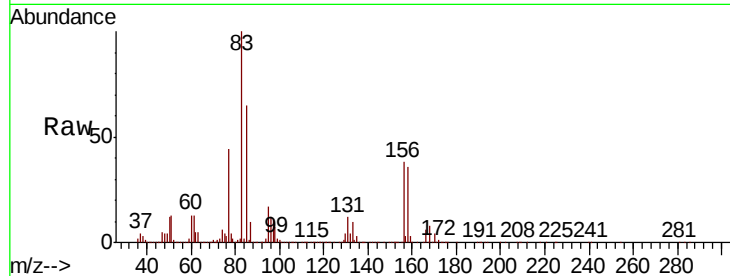
Tot Ion: 83 Resp: 430959

Ion Ratio Lower Upper

83 100

131 11.6 5.5 16.5

85 64.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 61.734 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017644.D

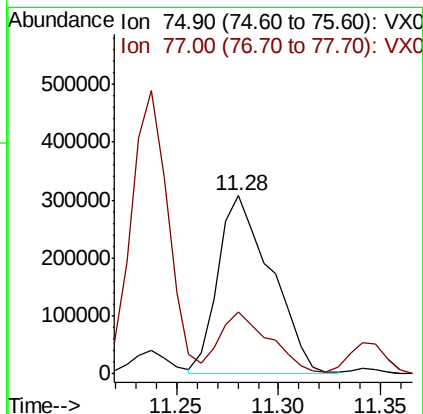
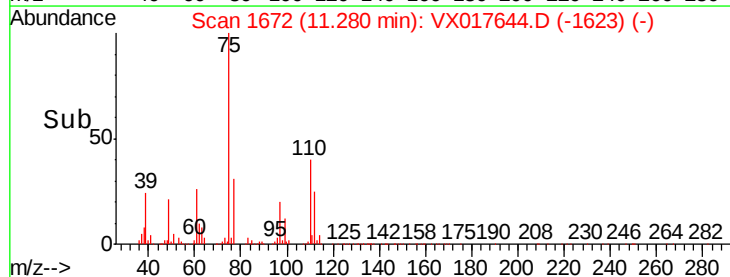
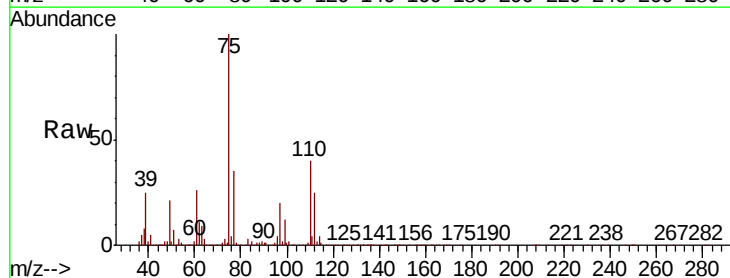
Acq: 28 Jul 2020 11:13

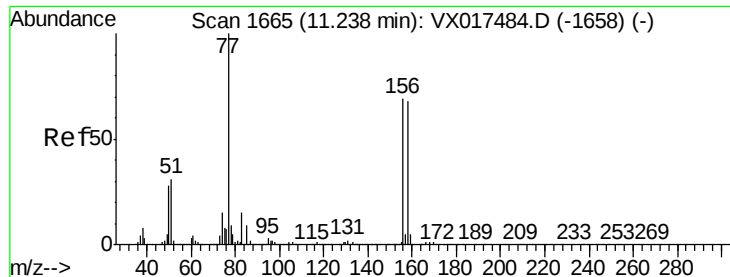
Tgt Ion: 75 Resp: 555620

Ion Ratio Lower Upper

75 100

77 32.5 21.8 65.3





#77

Bromobenzene

Concen: 48.995 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

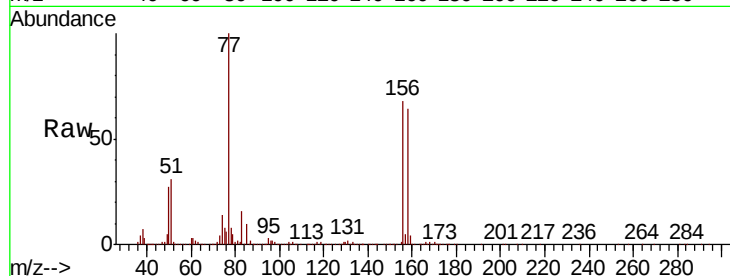
Tot Ion:156 Resp: 411704

Ion Ratio Lower Upper

156 100

77 149.4 75.0 225.0

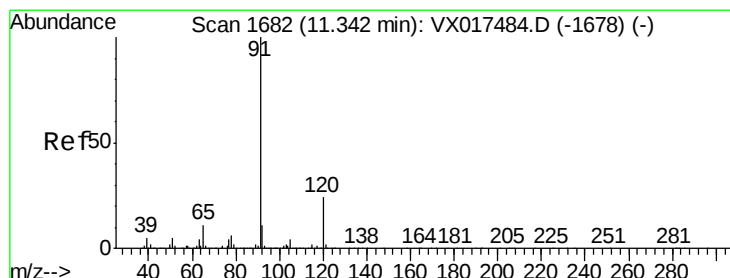
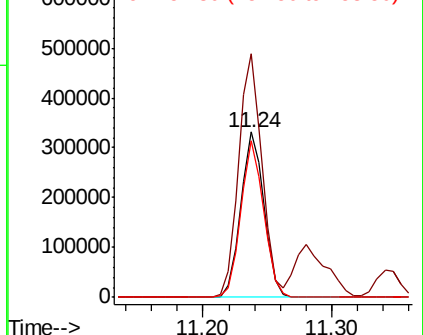
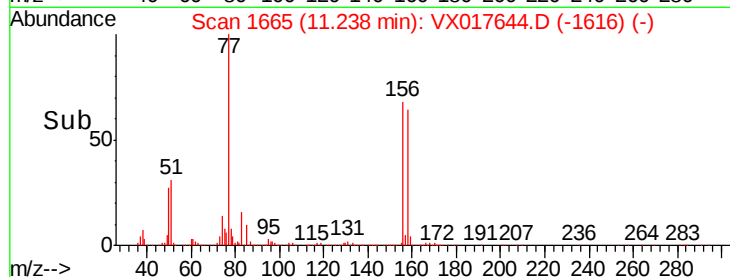
158 93.5 49.1 147.3



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: 50.819 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017644.D

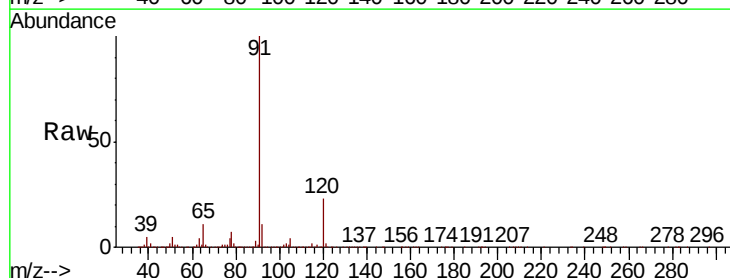
Acq: 28 Jul 2020 11:13

Tgt Ion: 91 Resp: 1720361

Ion Ratio Lower Upper

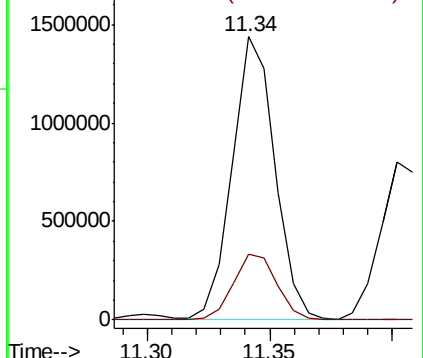
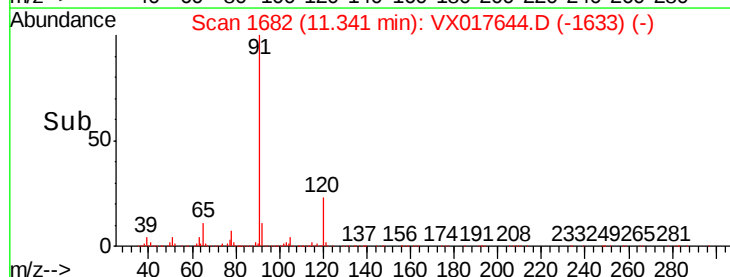
91 100

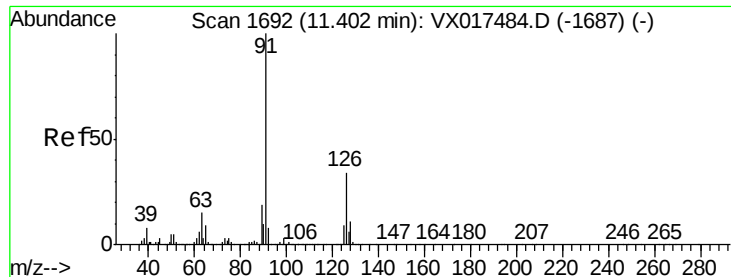
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.611 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

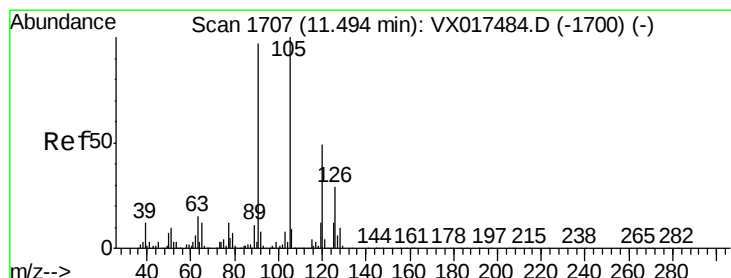
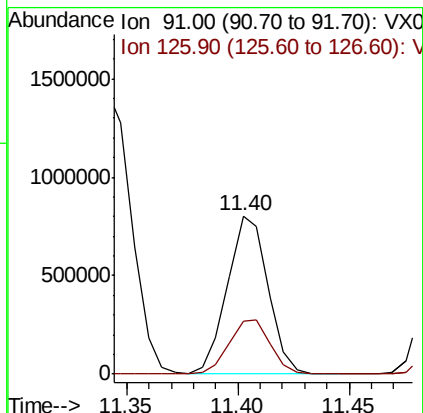
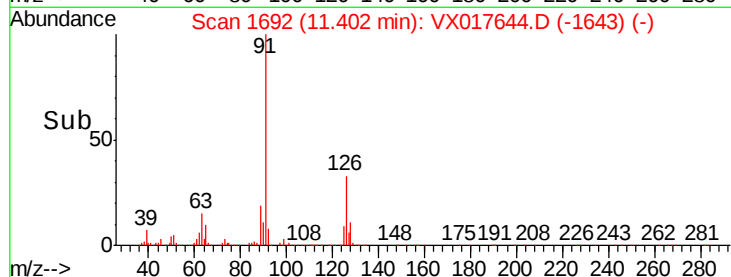
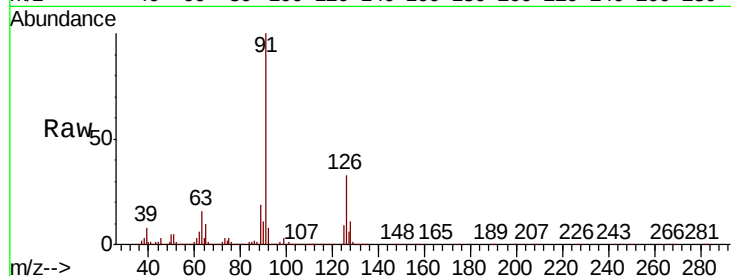
ClientSampleId :

Tot Ion: 91 Resp: 1019404

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 50.092 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017644.D

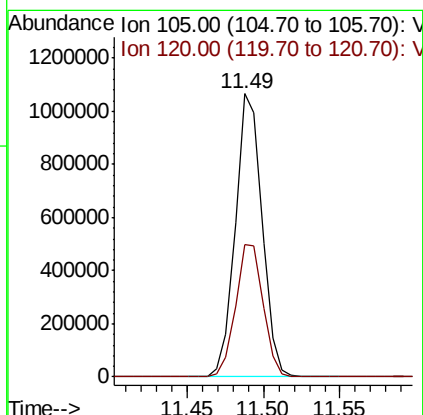
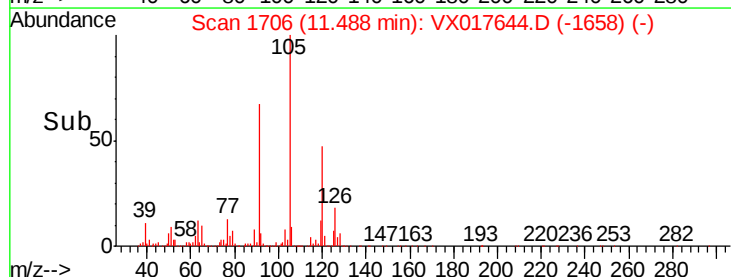
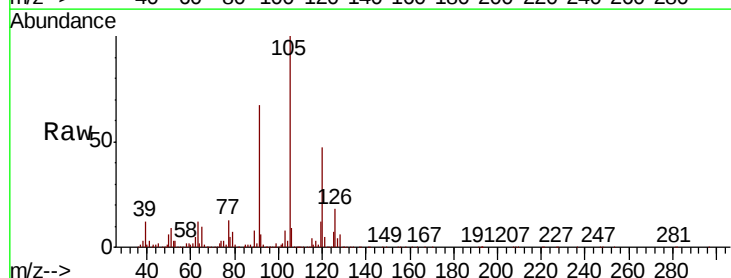
Acq: 28 Jul 2020 11:13

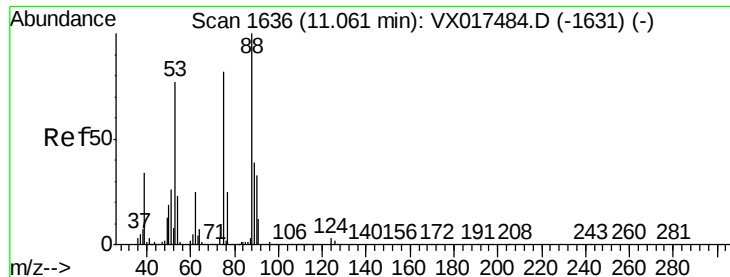
Tgt Ion: 105 Resp: 1283740

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.927 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

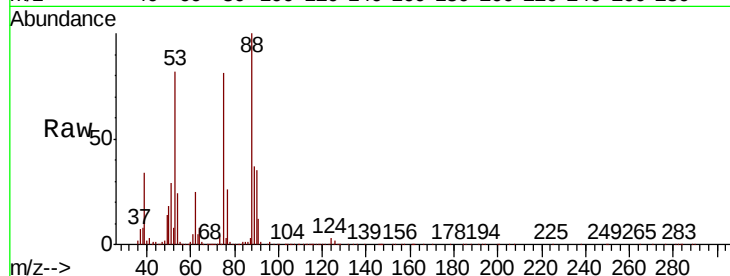
Tot Ion: 75 Resp: 167615

Ion Ratio Lower Upper

75 100

53 98.0 75.9 113.9

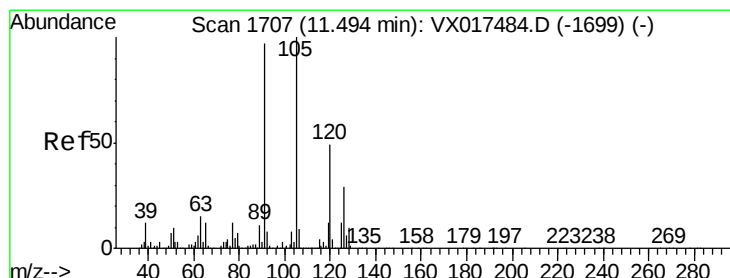
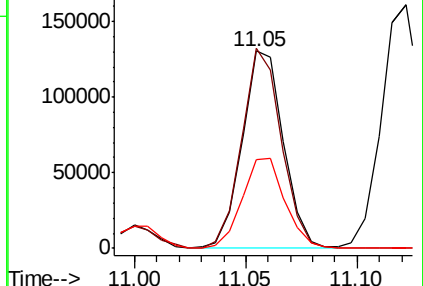
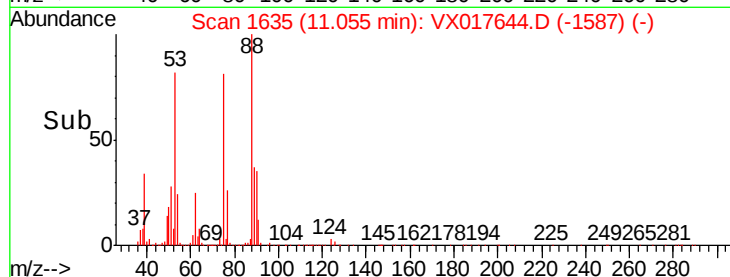
89 48.2 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.443 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017644.D

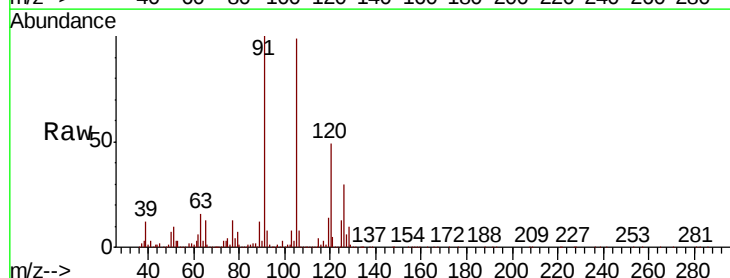
Acq: 28 Jul 2020 11:13

Tgt Ion: 91 Resp: 1223067

Ion Ratio Lower Upper

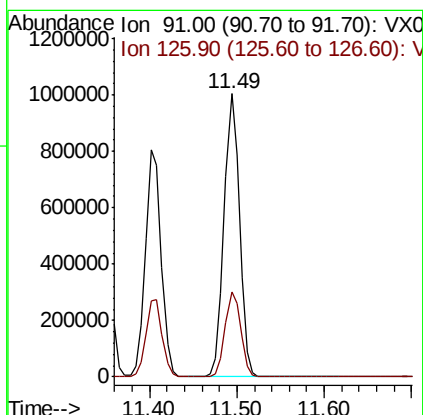
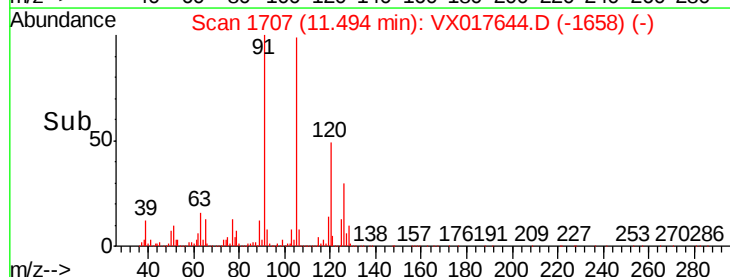
91 100

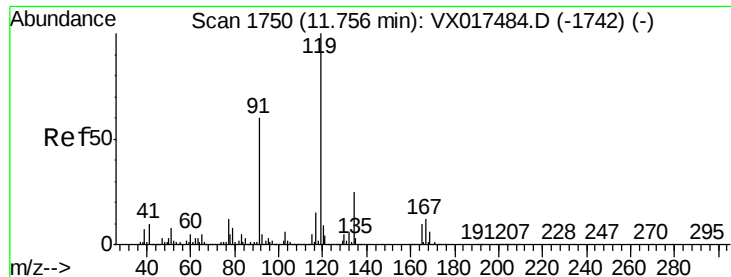
126 30.6 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

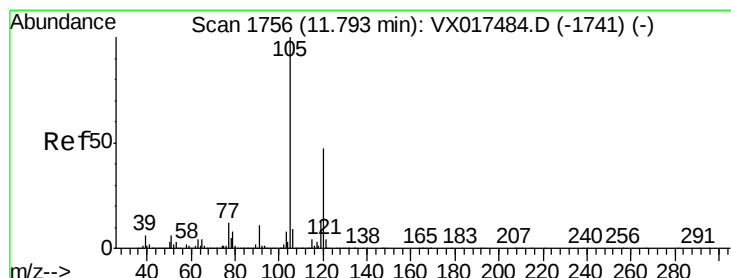
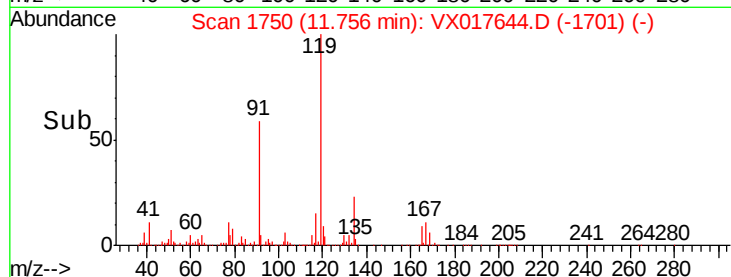
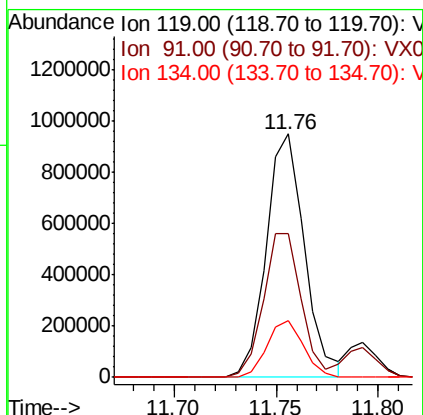
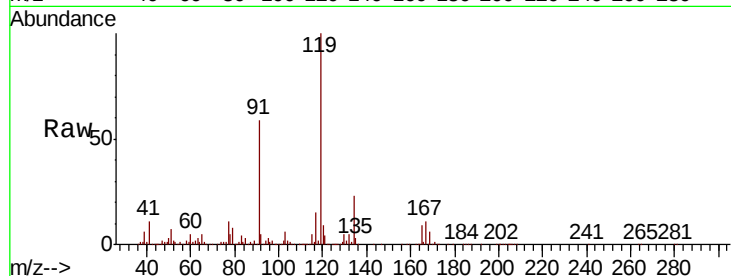




#83
tert-Butylbenzene
Concen: 50.523 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

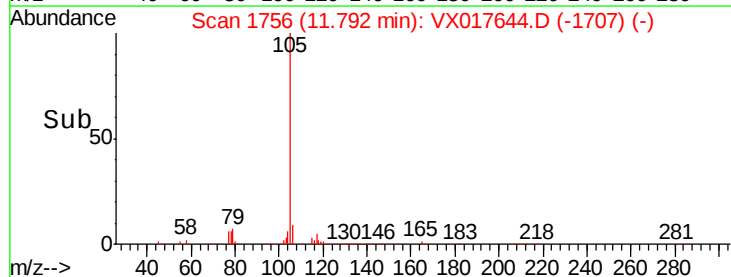
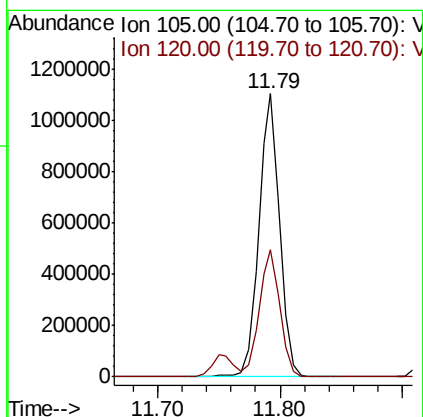
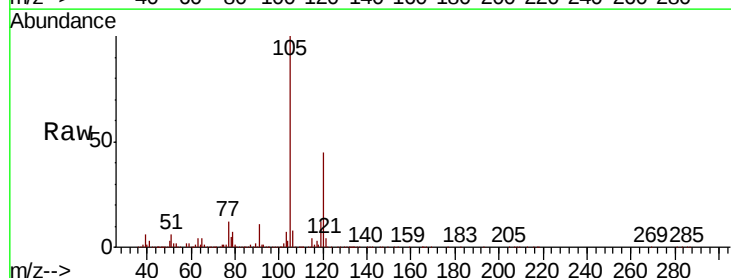
Instrument :
MSVOA_X
ClientSampleID :

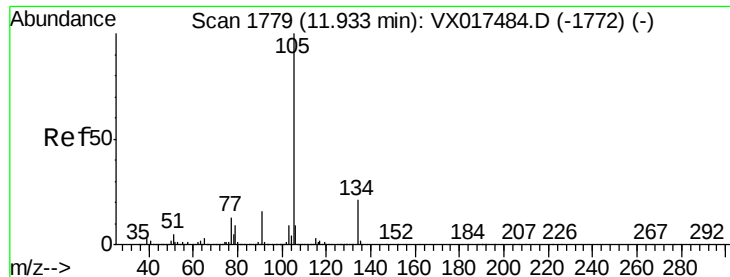
Tot Ion:119 Resp: 1238927
Ion Ratio Lower Upper
119 100
91 58.5 29.3 88.0
134 22.4 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 51.303 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion:105 Resp: 1307700
Ion Ratio Lower Upper
105 100
120 44.7 22.7 68.0

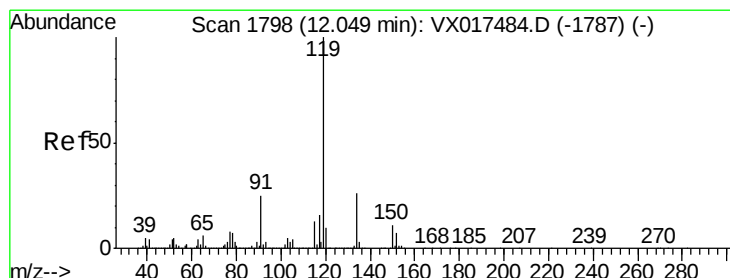
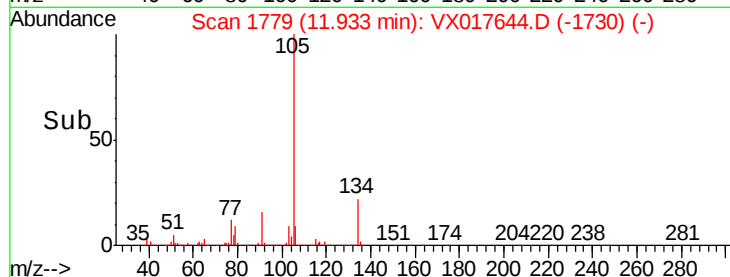
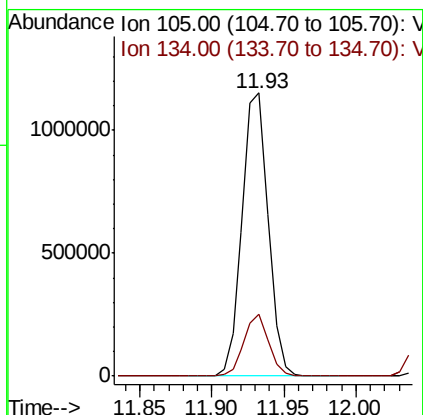
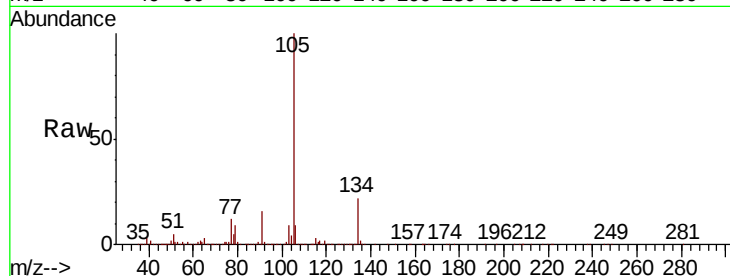




#85
 sec-Butylbenzene
 Concen: 50.691 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

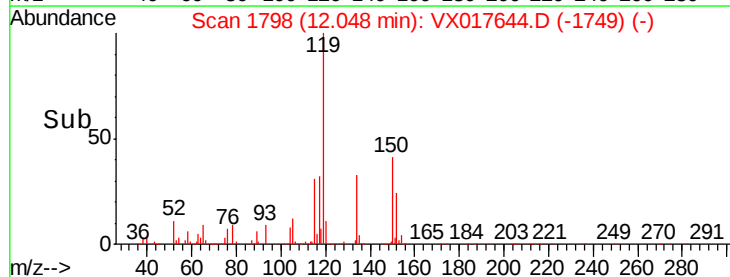
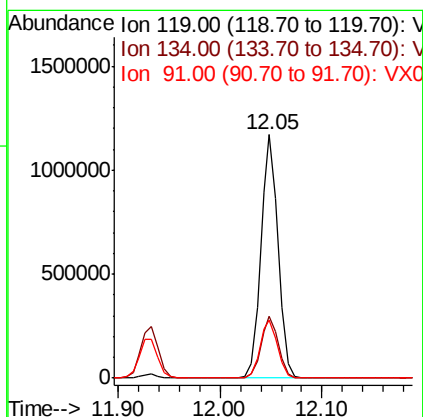
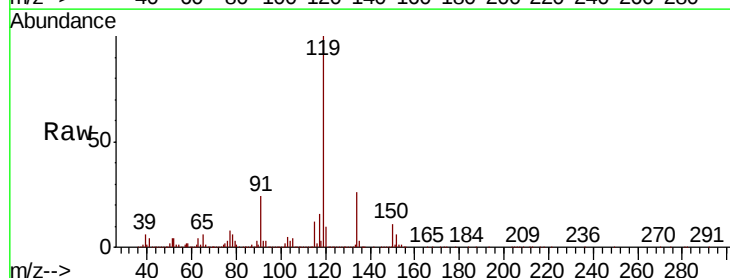
Instrument :
 MSVOA_X
 ClientSampleId :

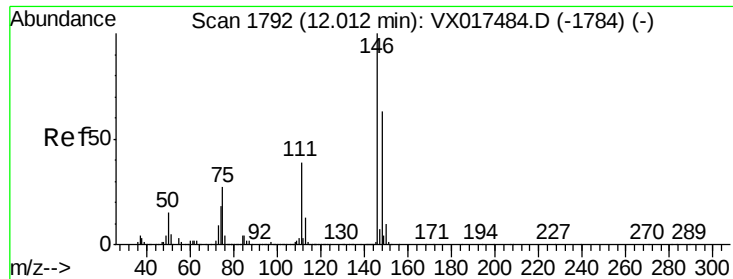
Tot Ion:105 Resp: 1448042
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 50.805 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion:119 Resp: 1382081
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 24.2 12.1 36.3

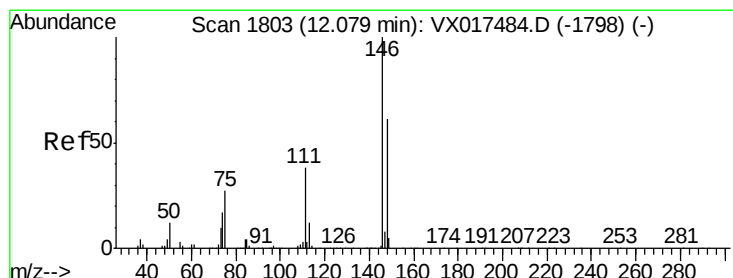
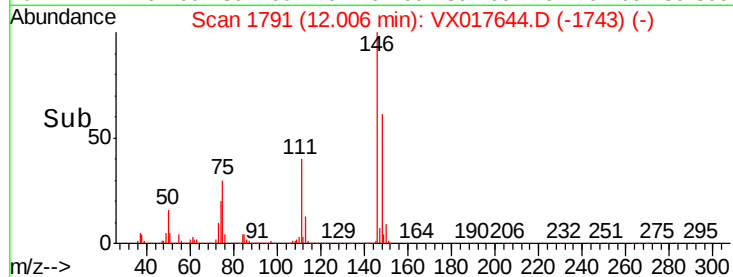
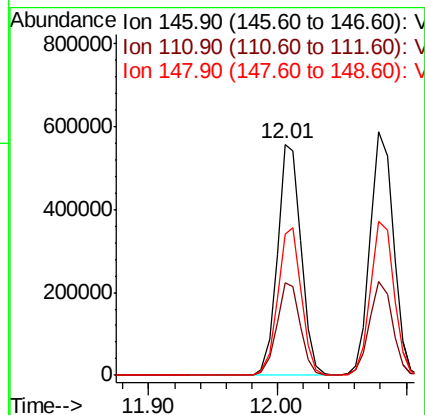
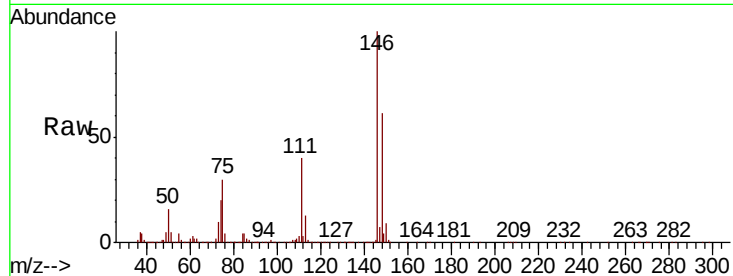




#87
 1,3-Dichlorobenzene
 Concen: 49.568 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

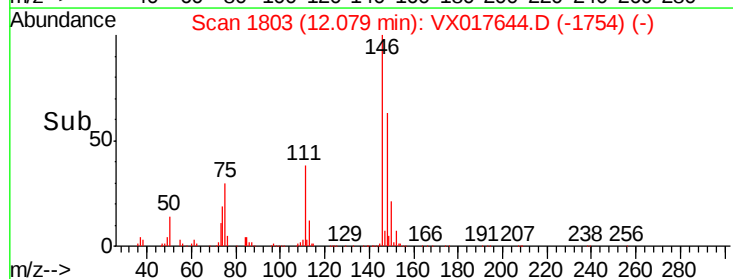
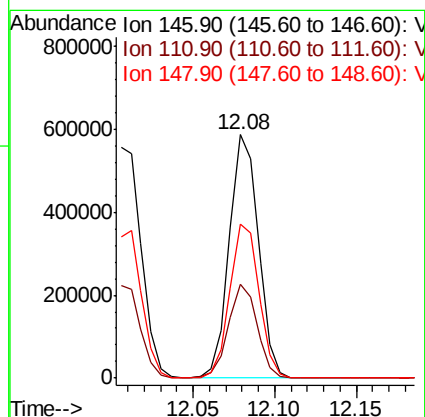
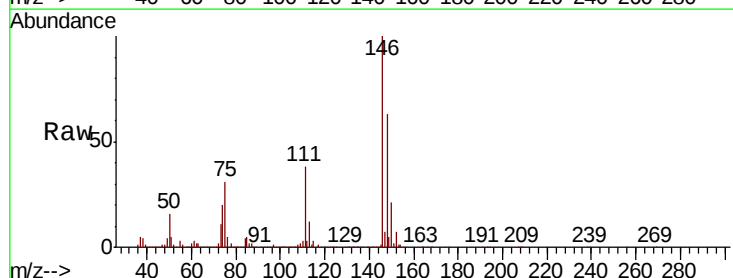
Instrument :
 MSVOA_X
 ClientSampleId :

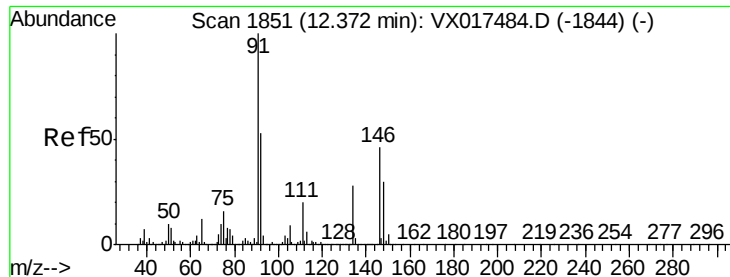
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	63.8	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.750 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	63.7	32.2	96.6

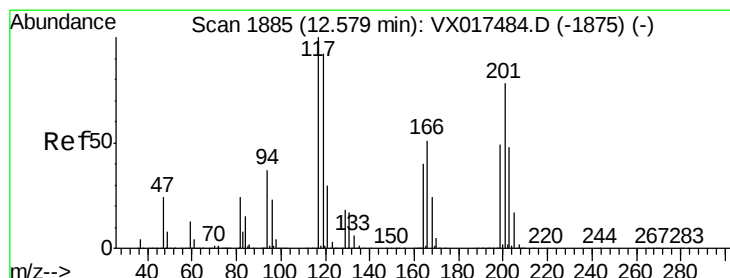
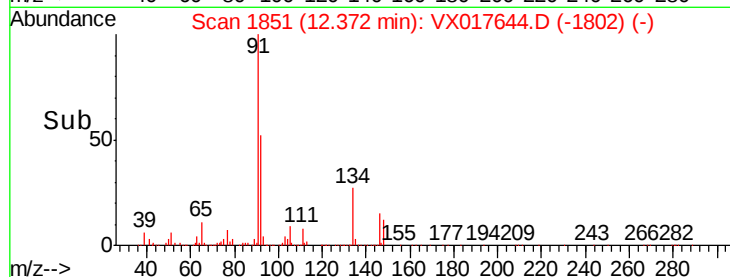
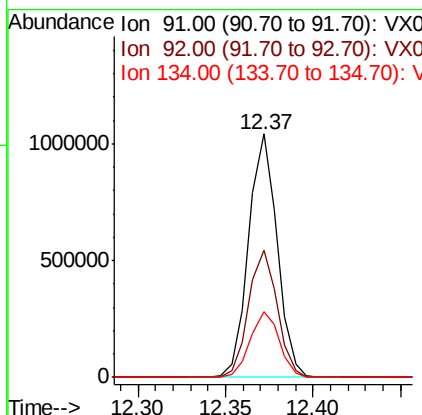
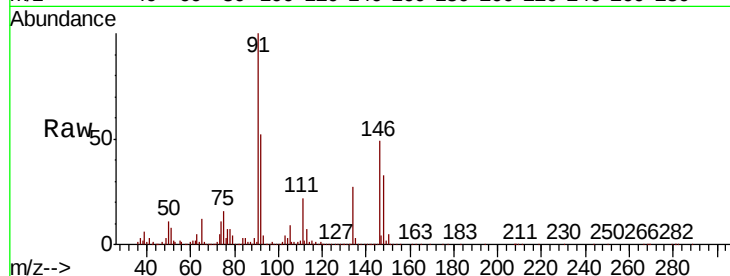




#89
n-Butylbenzene
Concen: 48.707 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

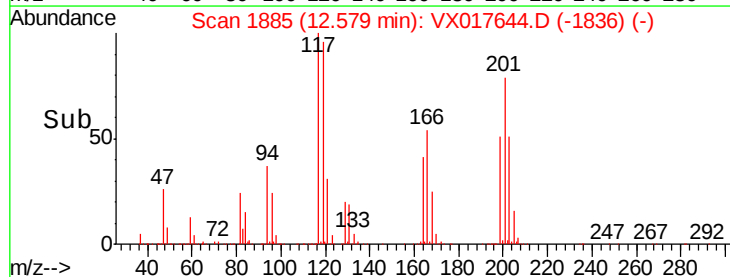
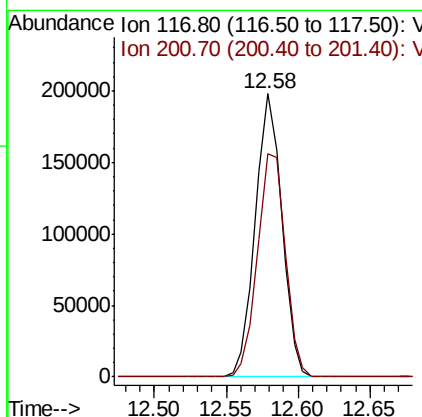
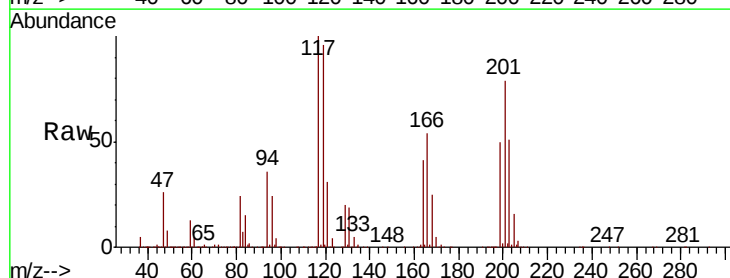
Instrument :
MSVOA_X
ClientSampled :

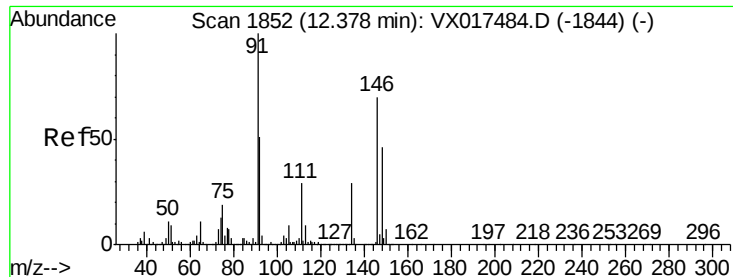
Tot Ion: 91 Resp: 1180683
Ion Ratio Lower Upper
91 100
92 52.5 26.7 80.1
134 27.4 13.6 40.7



#90
Hexachloroethane
Concen: 46.938 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion: 117 Resp: 251738
Ion Ratio Lower Upper
117 100
201 82.7 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 48.223 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

Instrument :

MSVOA_X

ClientSampleId :

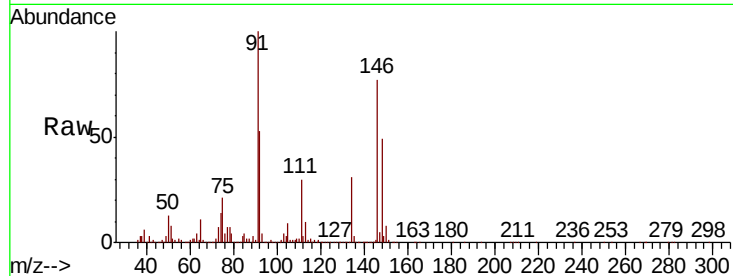
Tot Ion:146 Resp: 683910

Ion Ratio Lower Upper

146 100

111 40.8 20.9 62.8

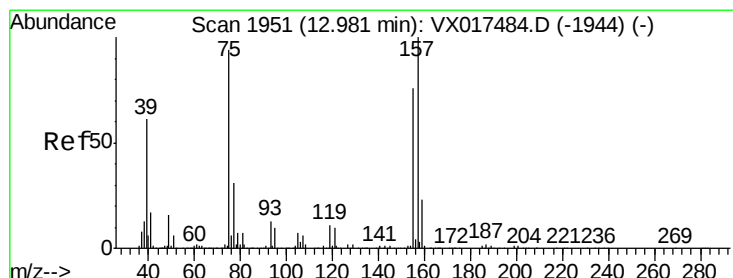
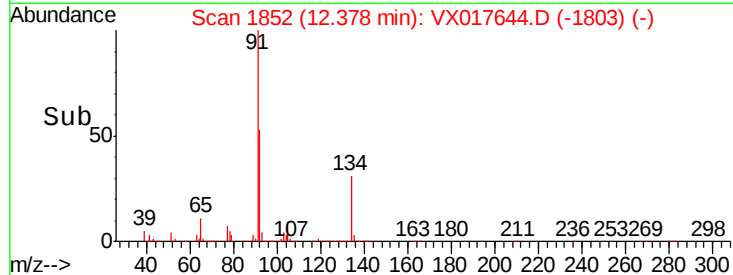
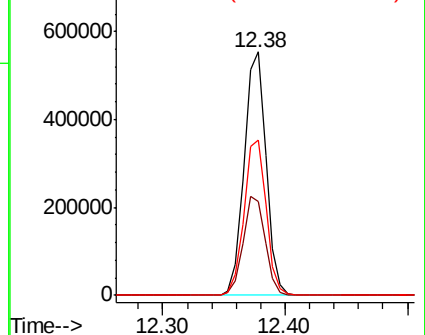
148 64.2 32.8 98.4



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: 42.734 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017644.D

Acq: 28 Jul 2020 11:13

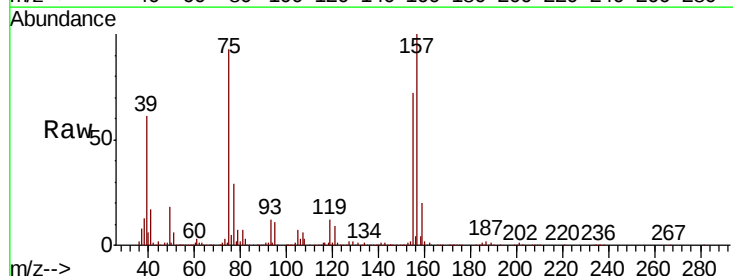
Tgt Ion: 75 Resp: 112180

Ion Ratio Lower Upper

75 100

155 85.0 42.3 126.8

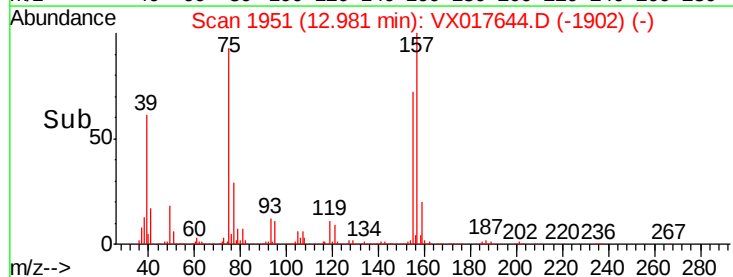
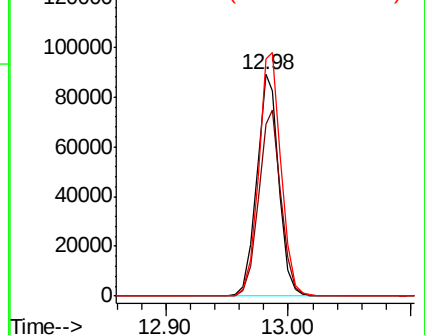
157 112.0 54.3 162.9

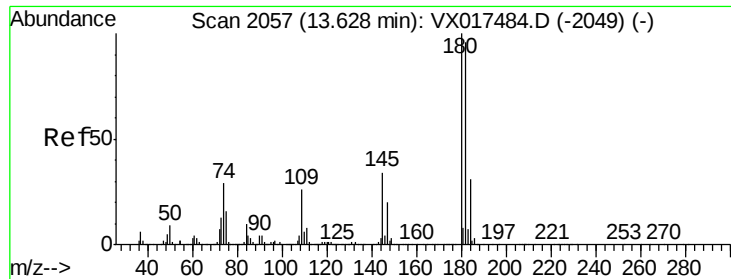


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

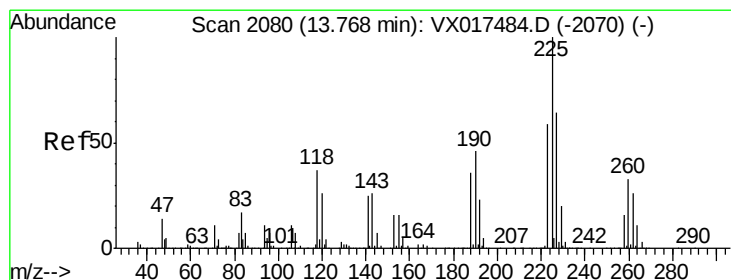
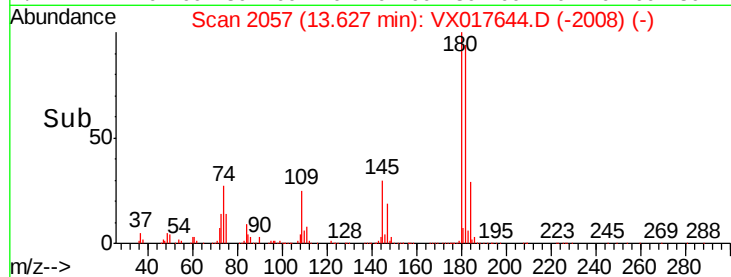
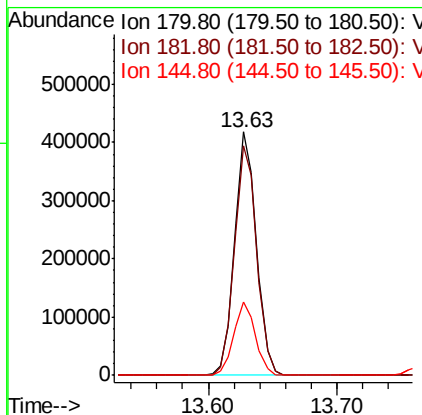
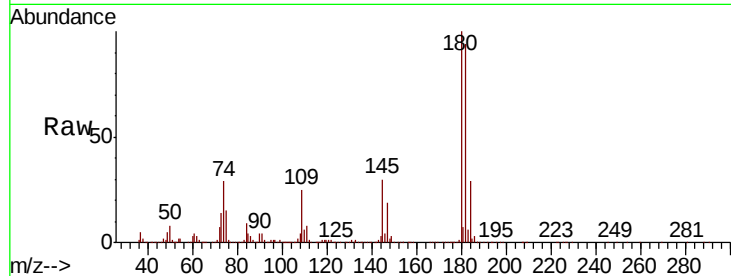




#93
 1,2,4-Trichlorobenzene
 Concen: 50.978 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

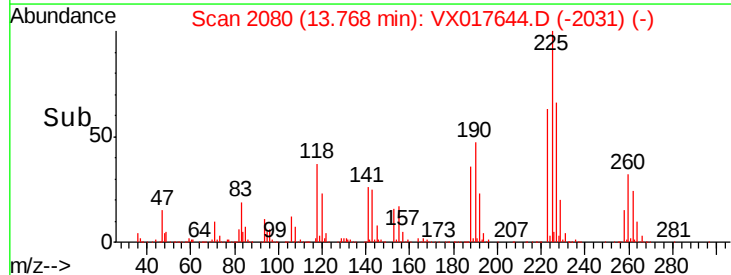
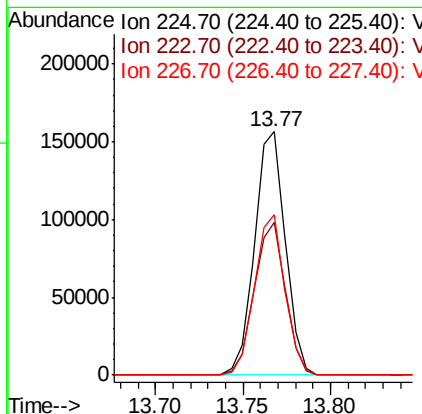
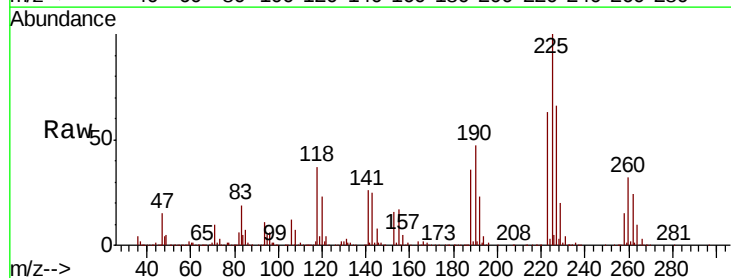
Instrument :
 MSVOA_X
 ClientSampled :

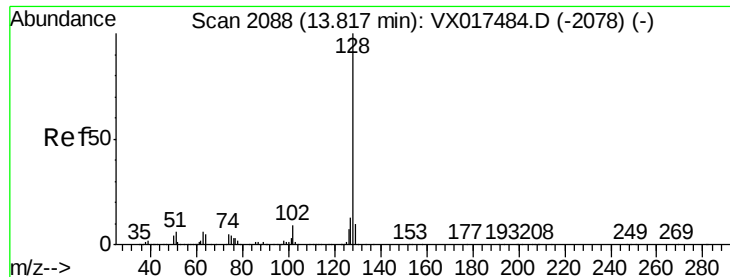
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.5	142.6
145	30.3	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 43.000 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017644.D
 Acq: 28 Jul 2020 11:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.3	90.9
227	64.8	31.1	93.2

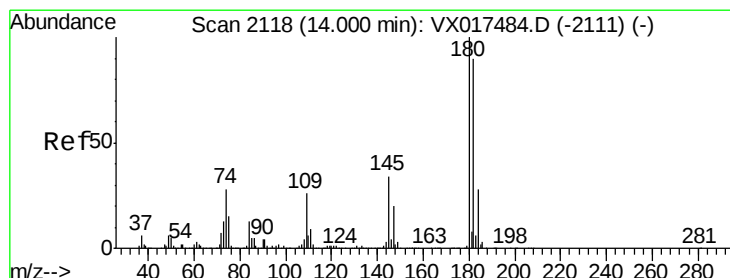
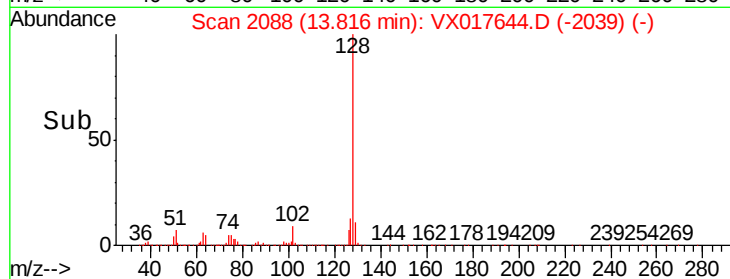
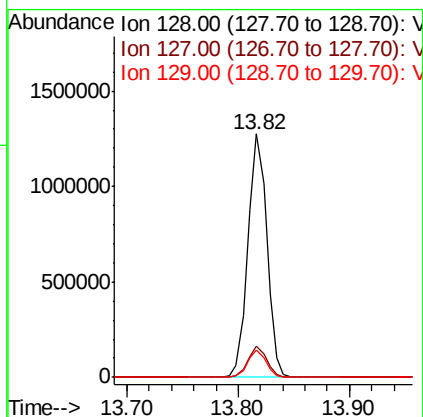
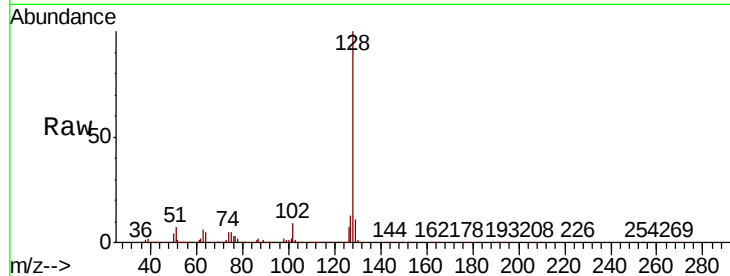




#95
Naphthalene
Concen: 52.304 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1511292
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.234 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017644.D
Acq: 28 Jul 2020 11:13

Tgt Ion:180 Resp: 480090
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.3
145 33.0 16.3 48.9

