

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080420\
 Data File : VX017784.D
 Acq On : 04 Aug 2020 20:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 05 01:53:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	540238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	798006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	760379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	411453	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	371742	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	
35) Dibromofluoromethane	5.47	113	279987	52.46	ug/l	0.00
Spiked Amount			Recovery	=	104.92%	
50) Toluene-d8	8.70	98	1061211	55.12	ug/l	0.00
Spiked Amount			Recovery	=	110.24%	
62) 4-Bromofluorobenzene	11.12	95	405261	52.60	ug/l	0.00
Spiked Amount			Recovery	=	105.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	222105	44.195	ug/l	99
3) Chloromethane	1.31	50	274706	41.202	ug/l	100
4) Vinyl Chloride	1.39	62	279865	41.167	ug/l	97
5) Bromomethane	1.62	94	162994	44.257	ug/l	99
6) Chloroethane	1.70	64	172023	45.824	ug/l	99
7) Trichlorofluoromethane	1.91	101	466030	43.583	ug/l	99
8) Diethyl Ether	2.17	74	167022	48.128	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	245711	41.874	ug/l	95
10) Methyl Iodide	2.49	142	295168	39.319	ug/l	95
11) Tert butyl alcohol	3.03	59	383170	261.982	ug/l	100
12) 1,1-Dichloroethene	2.36	96	235635	42.228	ug/l	99
13) Acrolein	2.28	56	258737	232.010	ug/l	100
14) Allyl chloride	2.71	41	472365	46.360	ug/l	98
15) Acrylonitrile	3.12	53	861427	272.690	ug/l	100
16) Acetone	2.42	43	781556	255.882	ug/l	95
17) Carbon Disulfide	2.55	76	636896	37.551	ug/l	99
18) Methyl Acetate	2.75	43	409032	56.862	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	931171	48.213	ug/l	98
20) Methylene Chloride	2.84	84	284429	49.430	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	272908	45.653	ug/l	98
22) Diisopropyl ether	3.83	45	879107	47.187	ug/l	97
23) Vinyl Acetate	3.79	43	3952051	237.914	ug/l	100
24) 1,1-Dichloroethane	3.67	63	495737	46.192	ug/l	99
25) 2-Butanone	4.64	43	1225303	282.391	ug/l	98
26) 2,2-Dichloropropane	4.55	77	347522	36.175	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	307038	47.288	ug/l	97
28) Bromochloromethane	4.98	49	233621	48.037	ug/l	99
29) Tetrahydrofuran	5.09	42	738501	274.770	ug/l	99
30) Chloroform	5.18	83	528985	48.239	ug/l	98
31) Cyclohexane	5.55	56	377690	44.131	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	489222	47.311	ug/l	100
36) 1,1-Dichloropropene	5.77	75	389350	50.872	ug/l	100
37) Ethyl Acetate	4.80	43	462540	55.234	ug/l	100
38) Carbon Tetrachloride	5.76	117	467080	50.255	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	373169	41.767	ug/l	98
40) Benzene	6.12	78	1116055	50.863	ug/l	100
41) Methacrylonitrile	5.01	41	252378	52.579	ug/l	98
42) 1,2-Dichloroethane	6.17	62	470454	52.408	ug/l	99
43) Isopropyl Acetate	6.42	43	748524	54.174	ug/l	99
44) Trichloroethene	7.19	130	310193	48.373	ug/l	97
45) 1,2-Dichloropropane	7.49	63	287802	47.314	ug/l	94
46) Dibromomethane	7.64	93	206832	48.114	ug/l	98
47) Bromodichloromethane	7.88	83	446807	51.656	ug/l	98
48) Methyl methacrylate	7.75	41	380893	55.613	ug/l	99
49) 1,4-Dioxane	7.72	88	127212	968.788	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	2313124	280.581	ug/l	99
52) Toluene	8.77	92	702274	49.905	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	460427	47.552	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	518963	52.546	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	292802	49.948	ug/l	98
56) Ethyl methacrylate	9.16	69	456841	51.727	ug/l	99
57) 1,3-Dichloropropane	9.35	76	481673	49.900	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	1111173	238.810	ug/l	100
59) 2-Hexanone	9.48	43	1828117	294.533	ug/l	99
60) Dibromochloromethane	9.57	129	402388	54.006	ug/l	98
61) 1,2-Dibromoethane	9.65	107	340675	54.586	ug/l	100
64) Tetrachloroethene	9.32	164	293163	42.957	ug/l	96
65) Chlorobenzene	10.12	112	766196	46.553	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	328642	49.476	ug/l	100
67) Ethyl Benzene	10.24	91	1366407	49.735	ug/l	98
68) m/p-Xylenes	10.34	106	1008690	94.773	ug/l	99
69) o-Xylene	10.68	106	503341	49.171	ug/l	98
70) Styrene	10.70	104	867636	49.817	ug/l	100
71) Bromoform	10.84	173	292739	50.868	ug/l #	99
73) Isopropylbenzene	11.01	105	1445171	51.199	ug/l	98
74) N-amyl acetate	10.88	43	655262	52.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	454995	51.643	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	551008	65.102	ug/l	82
77) Bromobenzene	11.24	156	369604	46.773	ug/l	97
78) n-propylbenzene	11.34	91	1606785	50.472	ug/l	98
79) 2-Chlorotoluene	11.40	91	953950	48.374	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1184047	49.131	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	156801	46.682	ug/l	100
82) 4-Chlorotoluene	11.49	91	1130763	48.609	ug/l	99
83) tert-Butylbenzene	11.76	119	1158165	50.223	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1205542	50.293	ug/l	99
85) sec-Butylbenzene	11.93	105	1308664	48.715	ug/l	99
86) p-Isopropyltoluene	12.05	119	1237971	48.392	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	649853	47.890	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	660994	47.027	ug/l	99
89) n-Butylbenzene	12.37	91	1057216	46.379	ug/l	99
90) Hexachloroethane	12.58	117	237497	47.089	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	630256	47.257	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	120486	48.442	ug/l	99

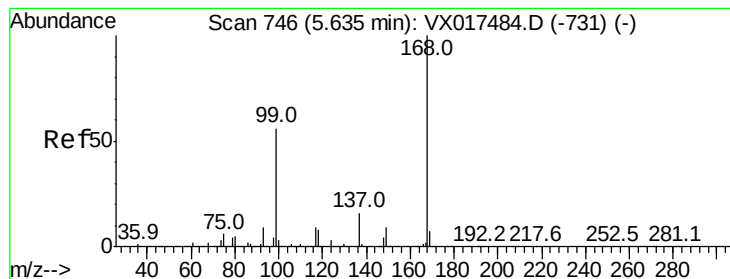
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	445379	48.931	ug/l	98
94) Hexachlorobutadiene	13.77	225	174558	41.662	ug/l	98
95) Naphthalene	13.82	128	1477155	54.364	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	452152	50.310	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

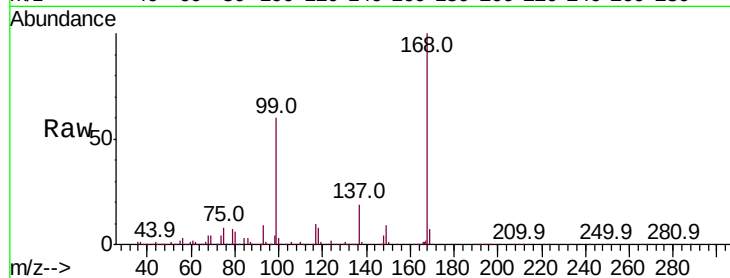
ClientSampleId :

Tot Ion:168 Resp: 540238

Ion Ratio Lower Upper

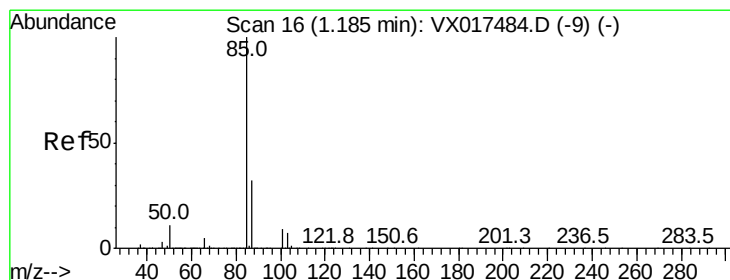
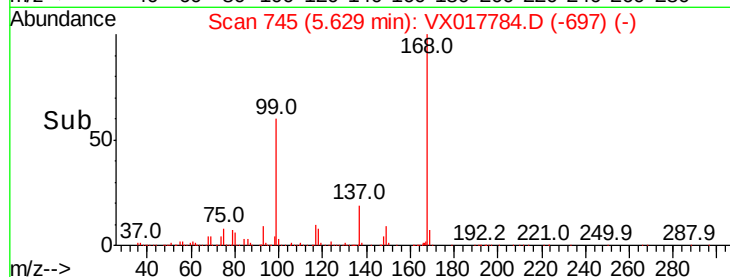
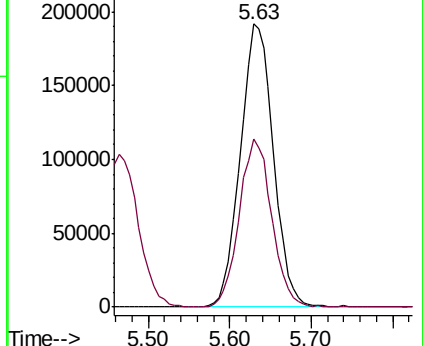
168 100

99 59.5 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.195 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017784.D

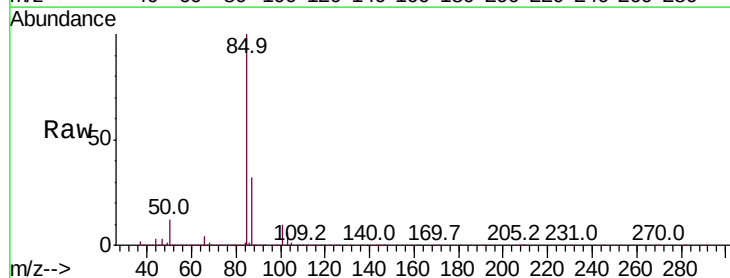
Acq: 04 Aug 2020 20:46

Tgt Ion: 85 Resp: 222105

Ion Ratio Lower Upper

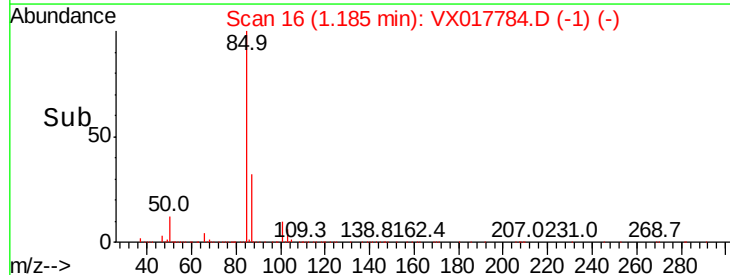
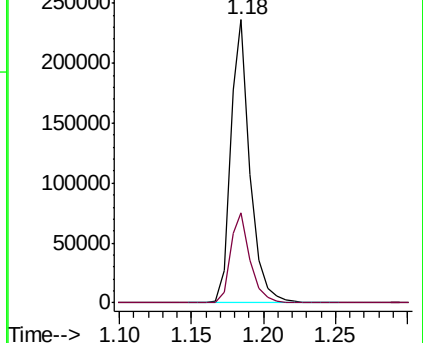
85 100

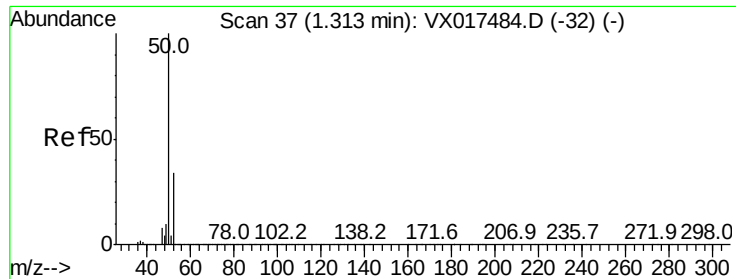
87 31.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.202 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

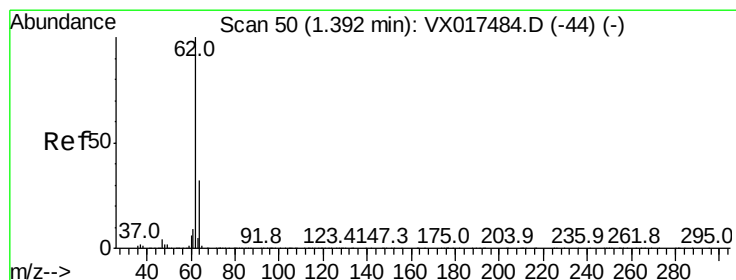
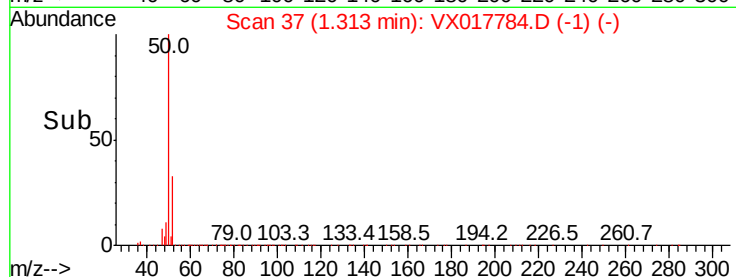
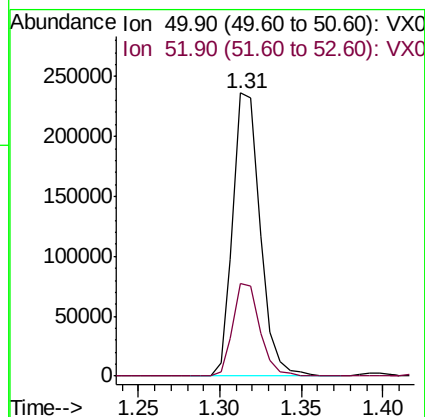
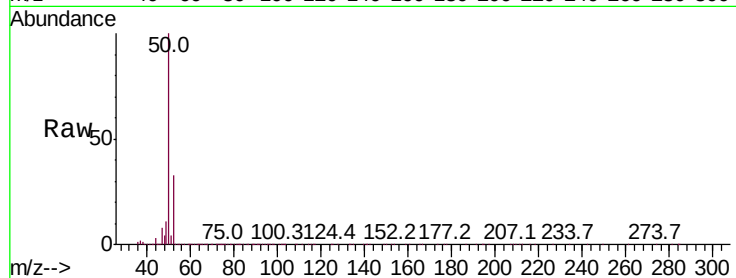
ClientSampleId :

Tot Ion: 50 Resp: 274706

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9



#4

Vinyl Chloride

Concen: 41.167 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017784.D

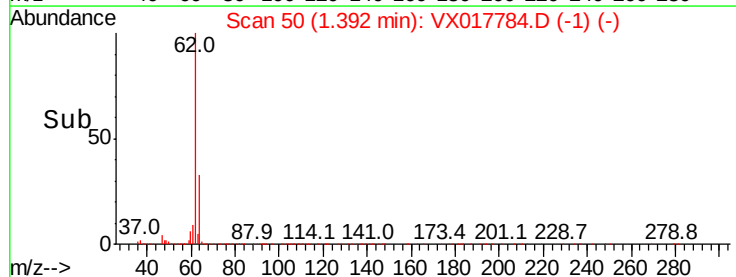
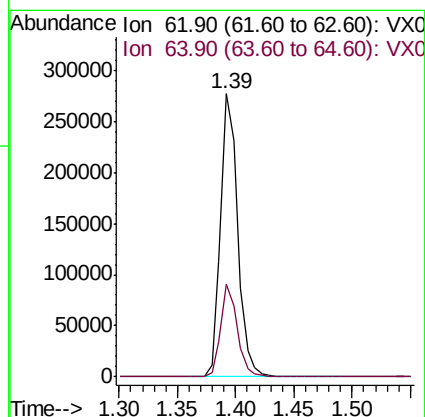
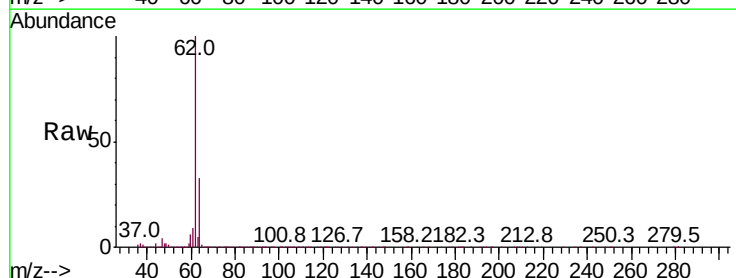
Acq: 04 Aug 2020 20:46

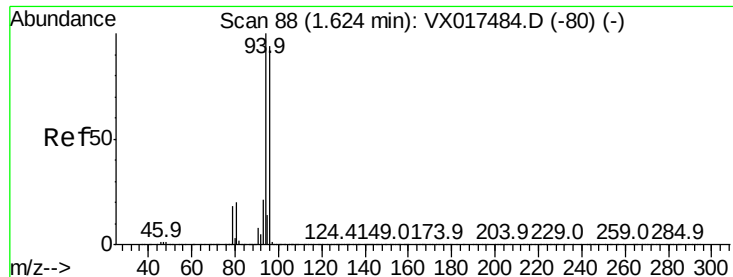
Tgt Ion: 62 Resp: 279865

Ion Ratio Lower Upper

62 100

64 32.9 25.2 37.8





#5

Bromomethane

Concen: 44.257 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

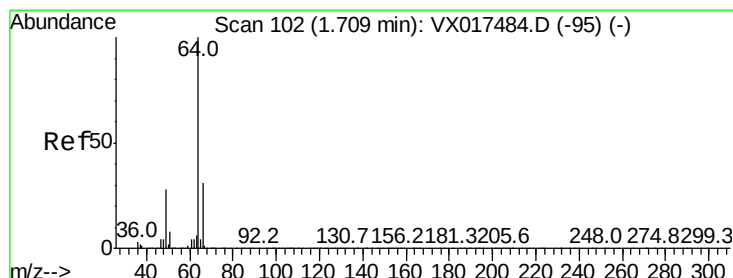
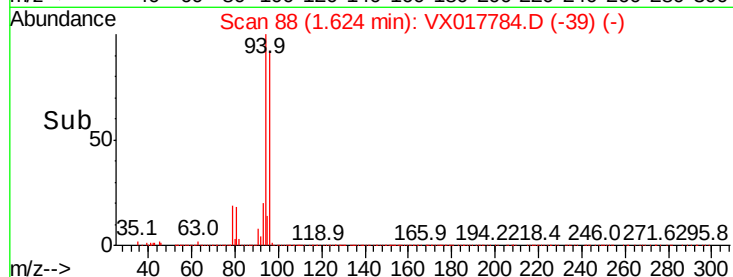
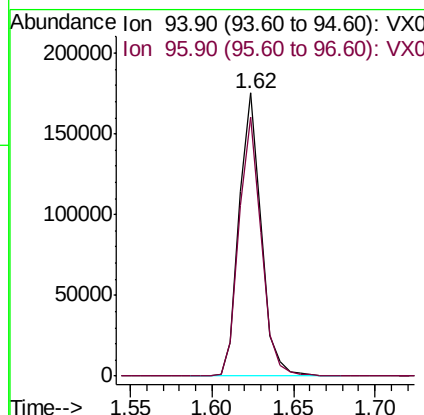
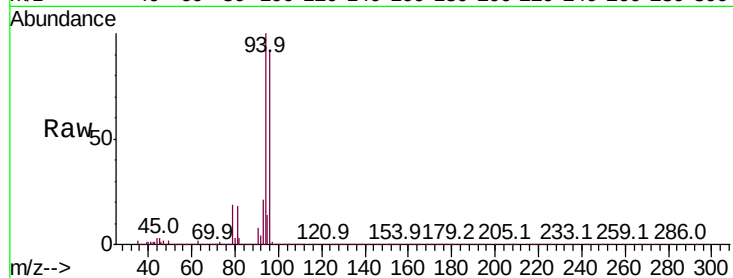
ClientSampleId :

Tot Ion: 94 Resp: 162994

Ion Ratio Lower Upper

94 100

96 91.5 74.1 111.1



#6

Chloroethane

Concen: 45.824 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017784.D

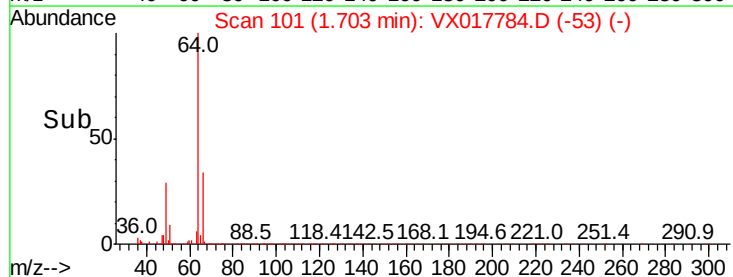
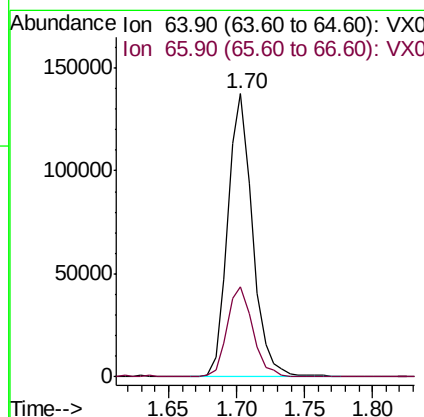
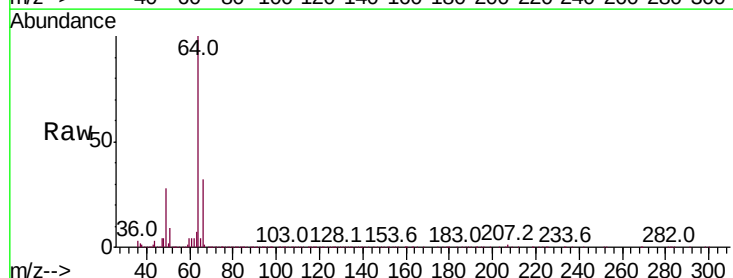
Acq: 04 Aug 2020 20:46

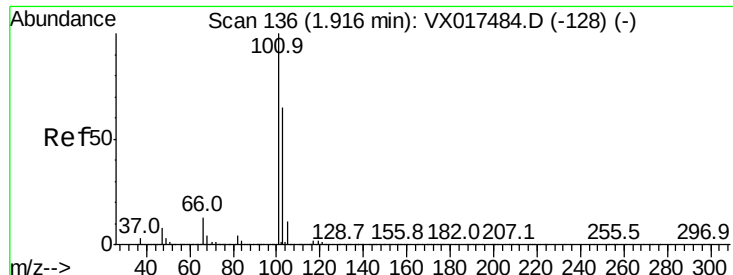
Tgt Ion: 64 Resp: 172023

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3



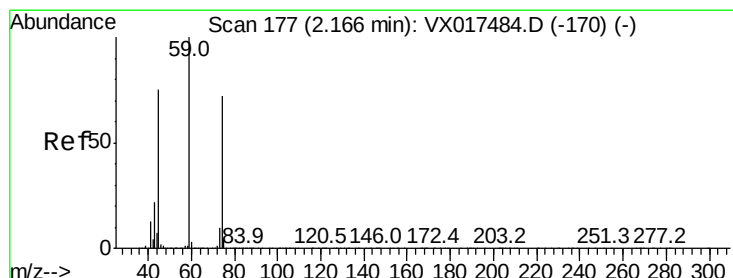
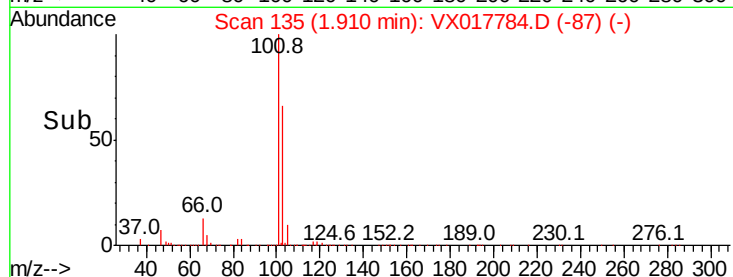
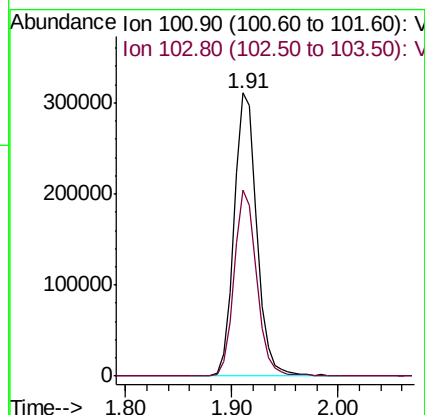
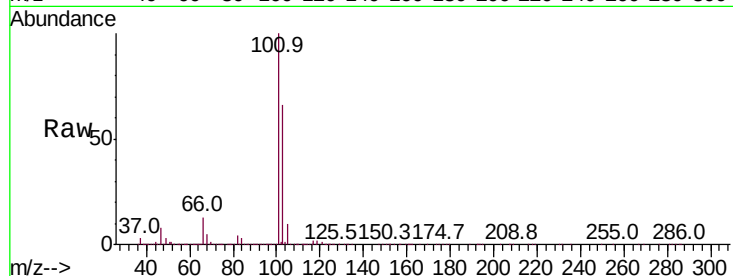


#7

Trichlorofluoromethane
Concen: 43.583 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :

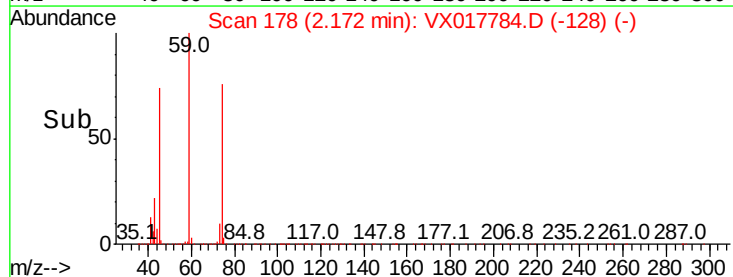
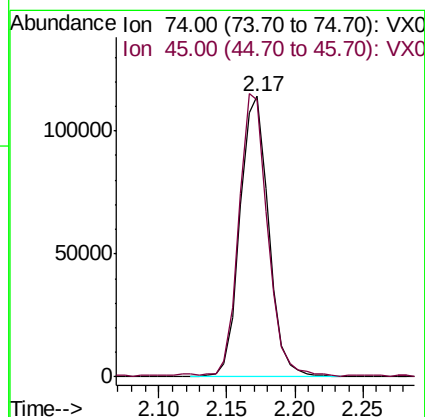
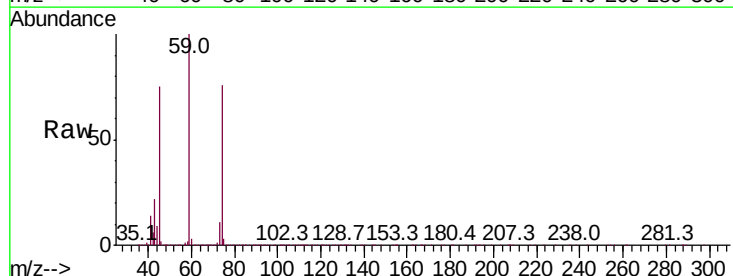
Tot Ion:101 Resp: 466030
Ion Ratio Lower Upper
101 100
103 65.8 51.8 77.8

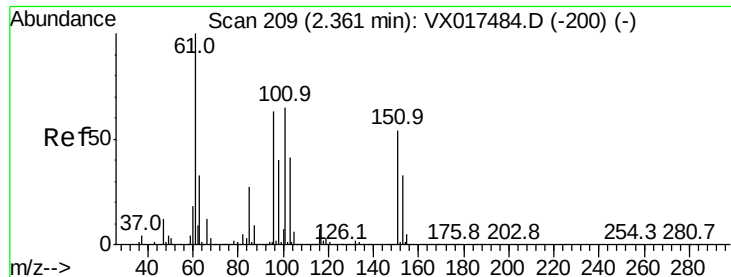


#8

Diethyl Ether
Concen: 48.128 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 74 Resp: 167022
Ion Ratio Lower Upper
74 100
45 100.5 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.874 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

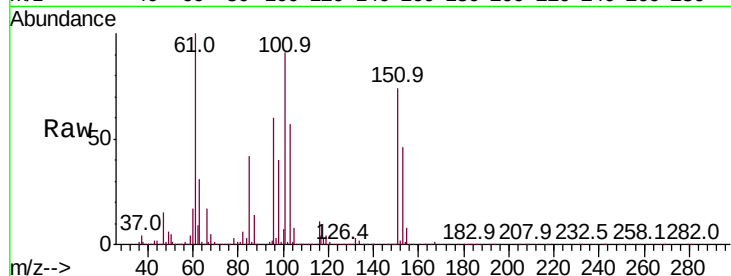
Tot Ion:101 Resp: 245711

Ion Ratio Lower Upper

101 100

85 45.4 34.8 52.2

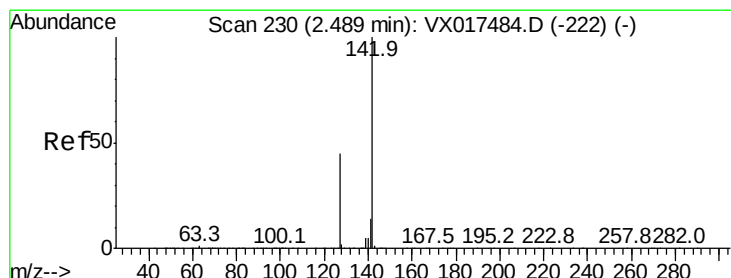
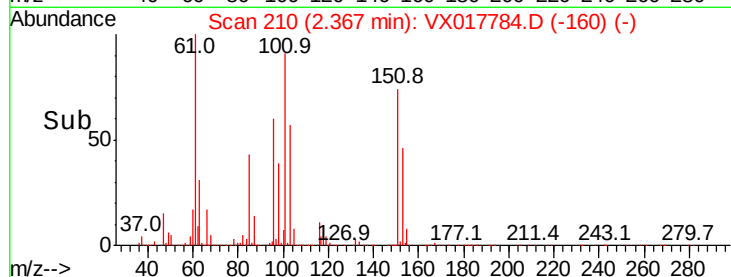
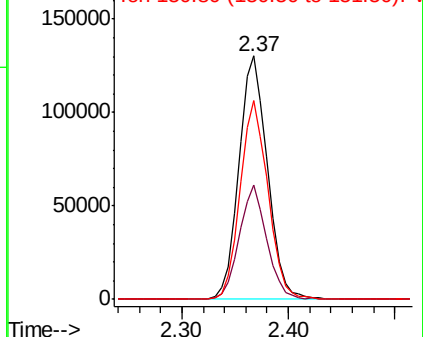
151 80.0 68.0 102.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.319 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

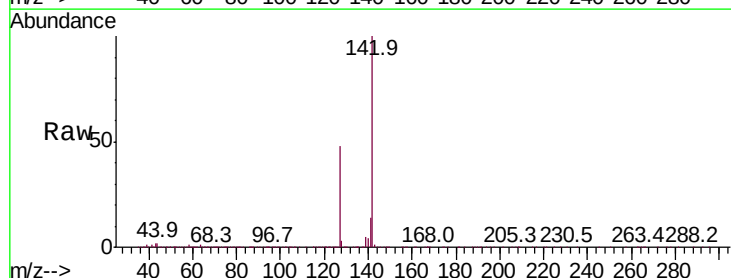
Tgt Ion:142 Resp: 295168

Ion Ratio Lower Upper

142 100

127 49.0 35.9 53.9

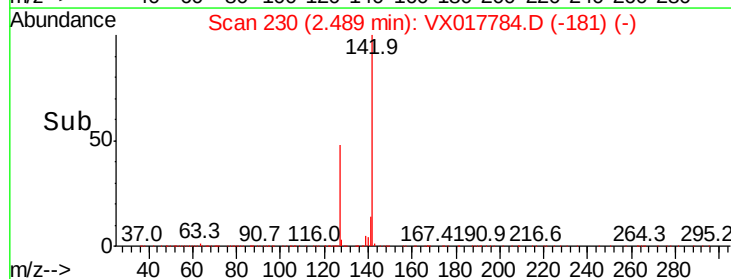
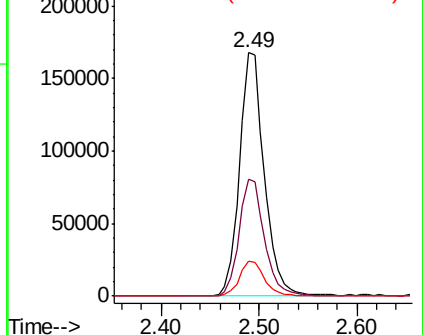
141 14.5 11.4 17.0

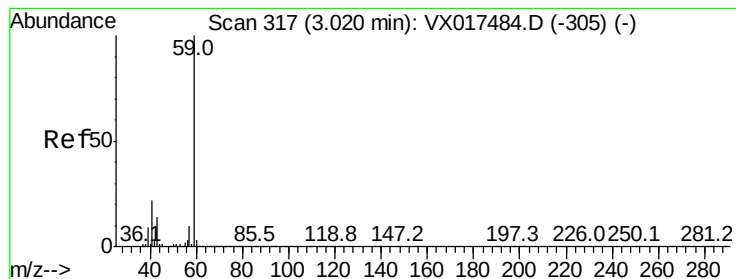


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



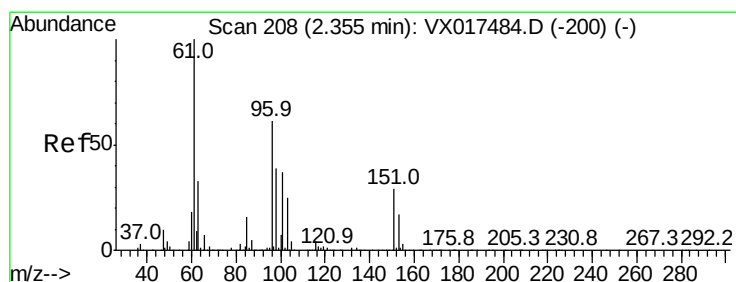
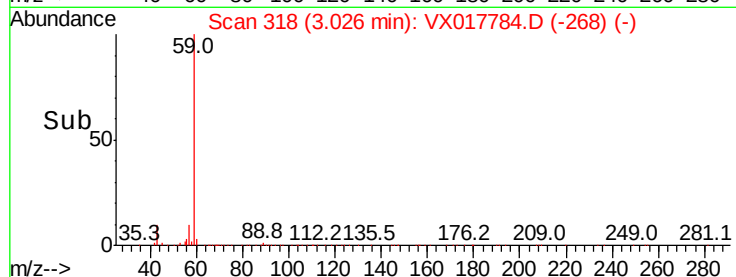
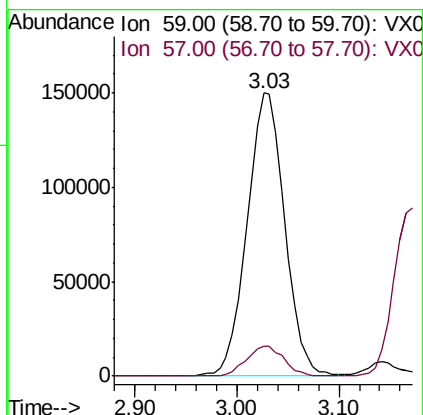
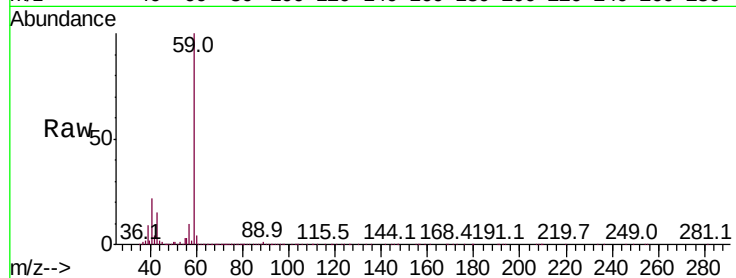


#11

Tert butyl alcohol
Concen: 261.982 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :

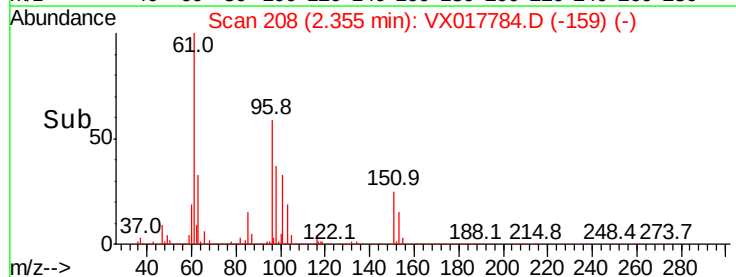
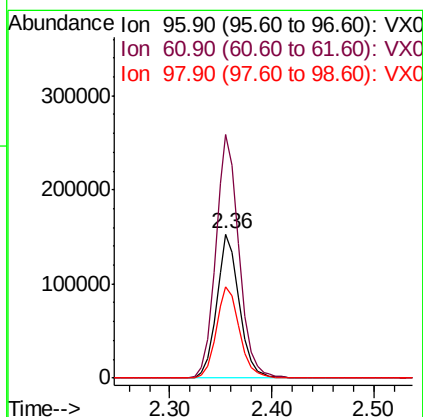
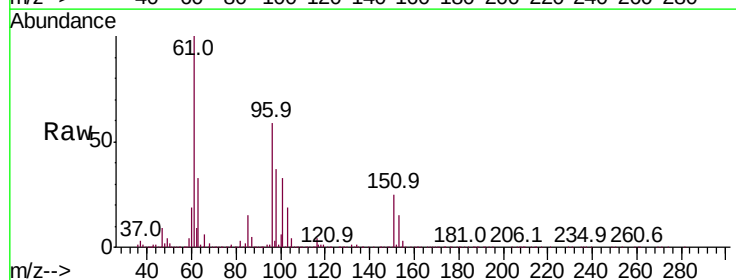
Tot Ion: 59 Resp: 383170
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

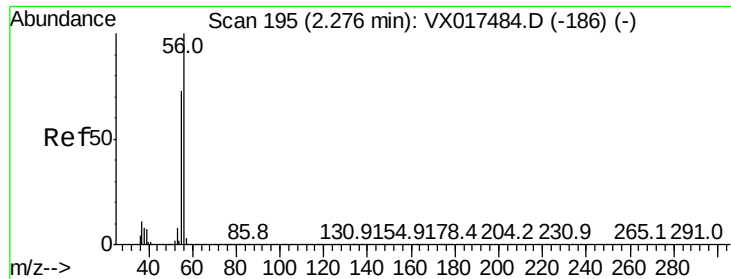


#12

1,1-Dichloroethene
Concen: 42.228 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 96 Resp: 235635
Ion Ratio Lower Upper
96 100
61 169.1 134.0 201.0
98 63.1 51.0 76.4

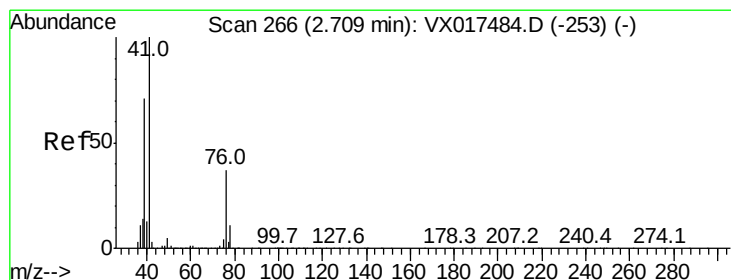
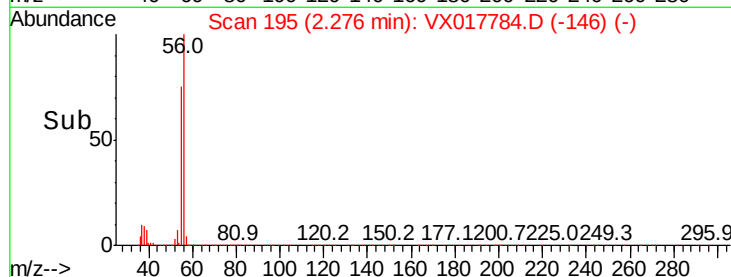
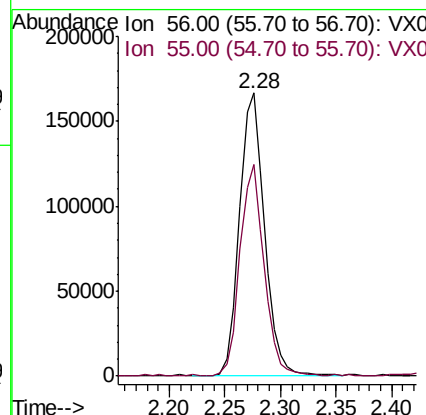
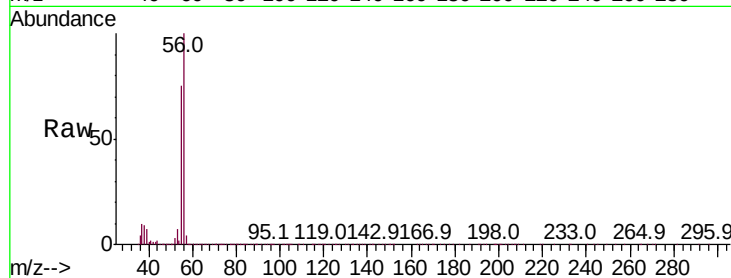




#13
Acrolein
Concen: 232.010 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

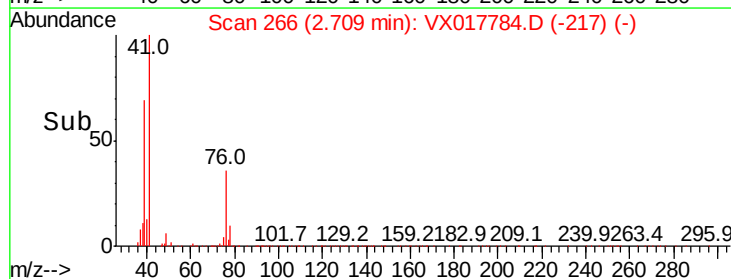
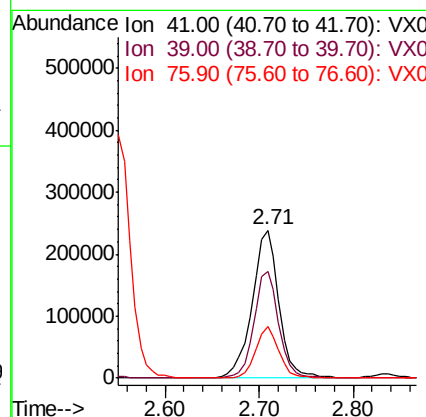
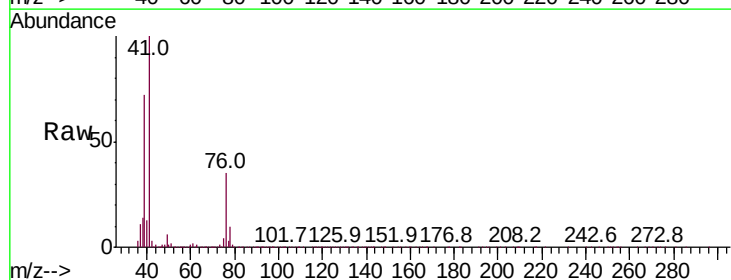
Instrument :
MSVOA_X
ClientSampleId :

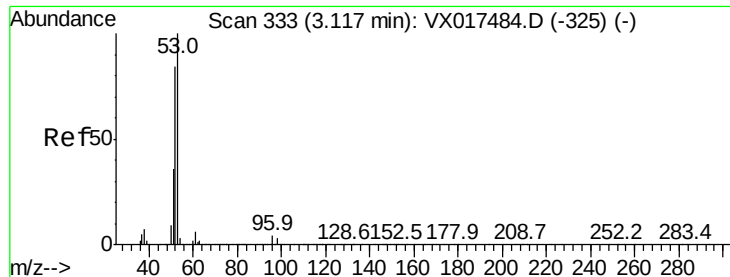
Tot Ion: 56 Resp: 258737
Ion Ratio Lower Upper
56 100
55 71.6 57.4 86.2



#14
Allyl chloride
Concen: 46.360 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 41 Resp: 472365
Ion Ratio Lower Upper
41 100
39 66.6 51.9 77.9
76 30.2 25.5 38.3

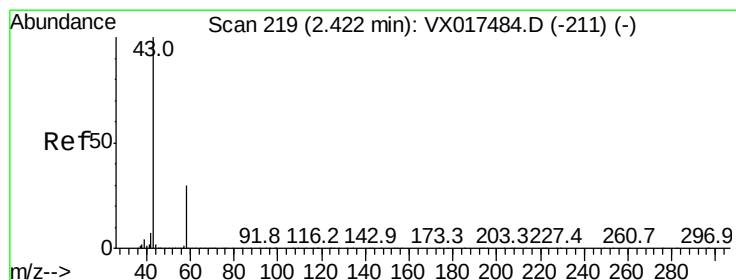
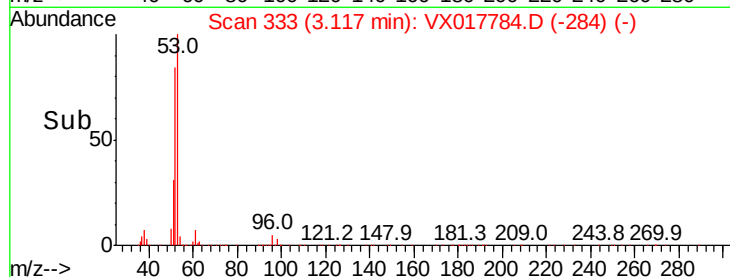
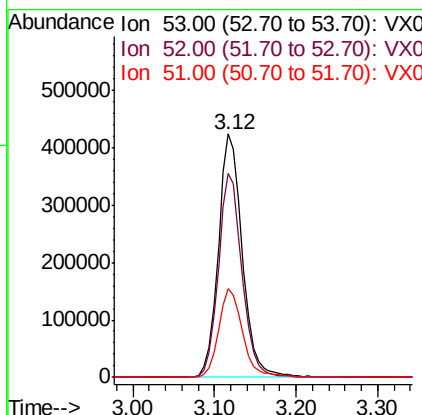
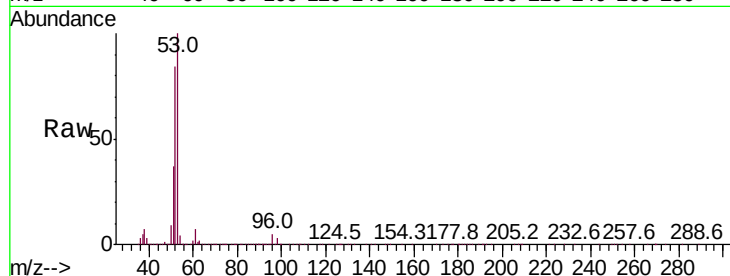




#15
 Acrylonitrile
 Concen: 272.690 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

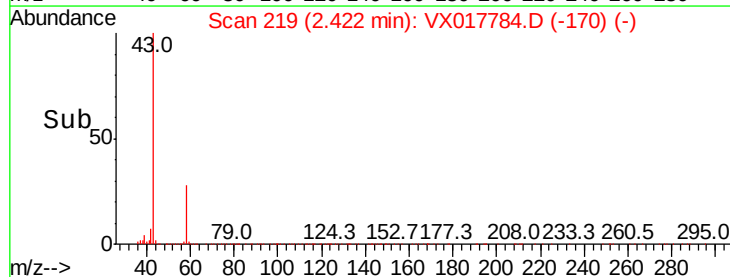
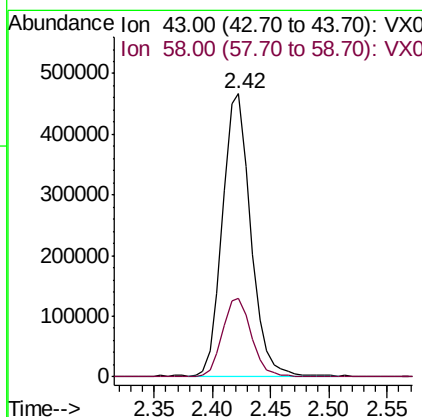
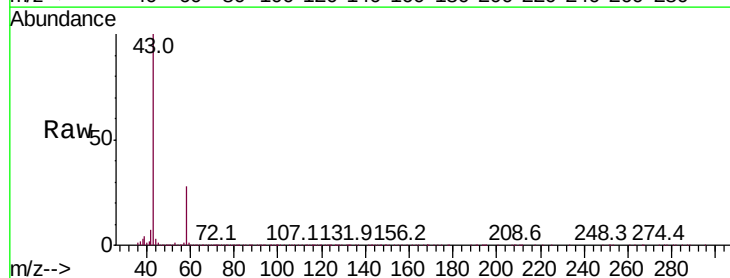
Instrument :
 MSVOA_X
 ClientSampleId :

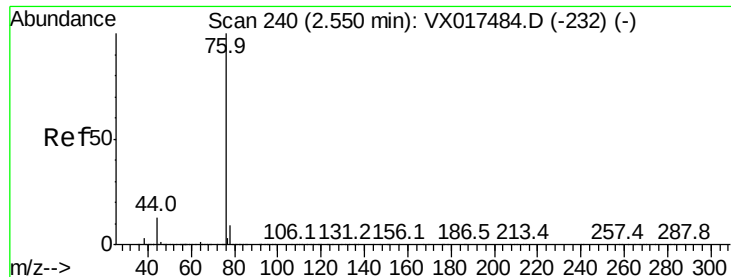
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.6	99.8
51	36.8	29.4	44.2



#16
 Acetone
 Concen: 255.882 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.8	24.2	36.4

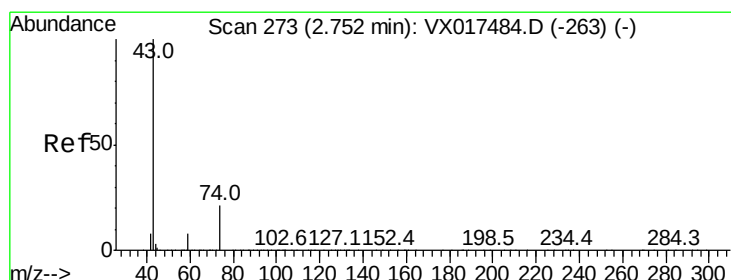
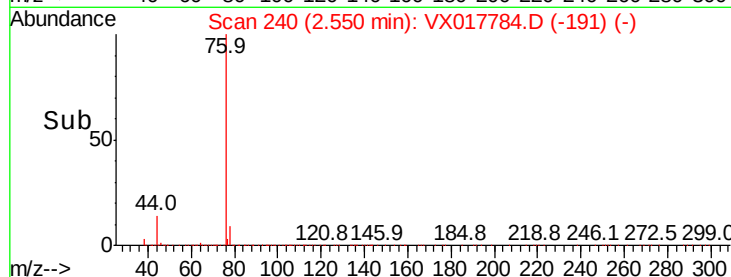
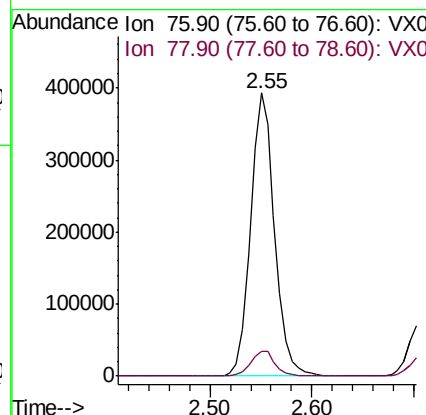
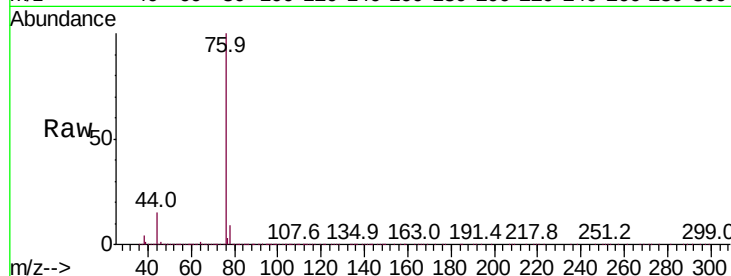




#17
Carbon Disulfide
Concen: 37.551 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

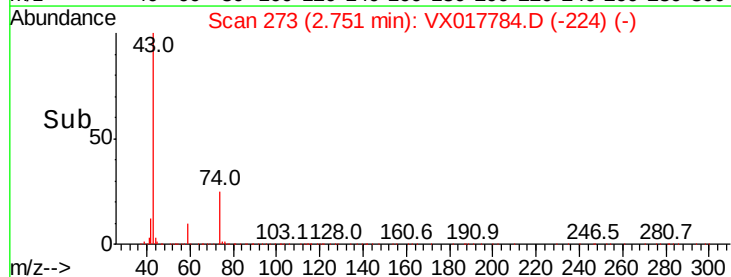
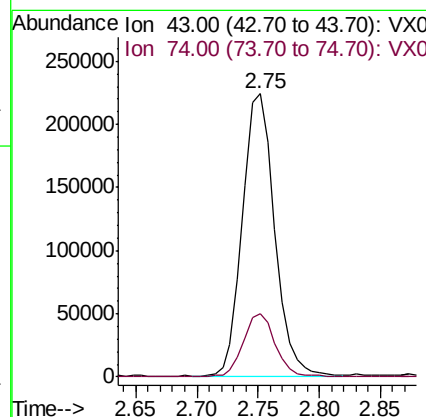
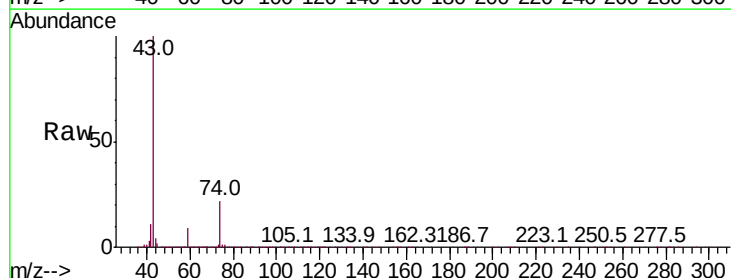
Instrument :
MSVOA_X
ClientSampled :

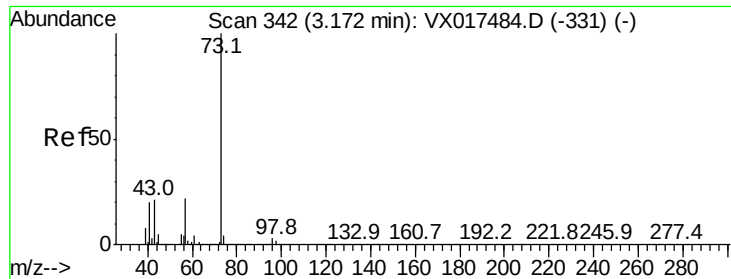
Tot Ion: 76 Resp: 636896
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 56.862 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 43 Resp: 409032
Ion Ratio Lower Upper
43 100
74 22.3 17.5 26.3

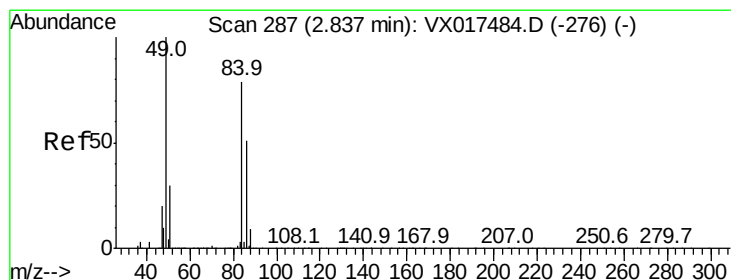
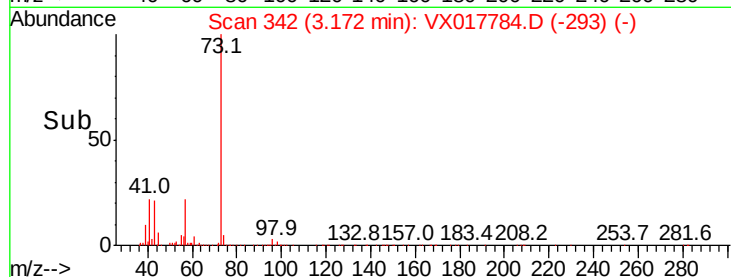
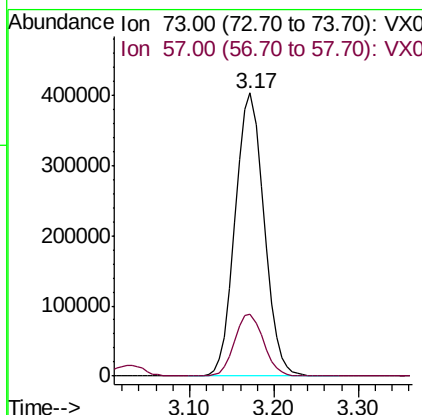
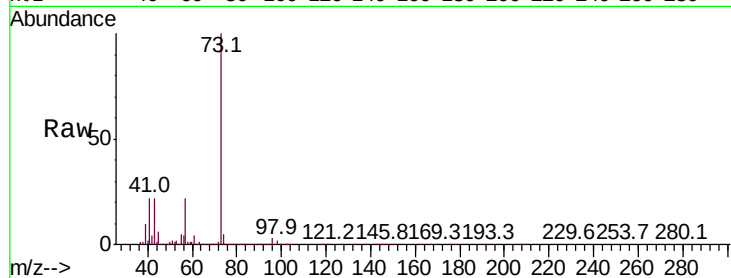




#19
Methyl tert-butyl Ether
Concen: 48.213 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

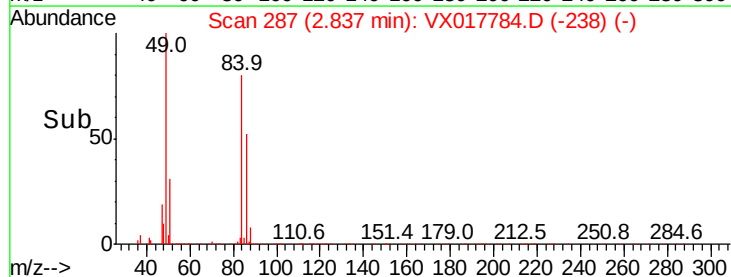
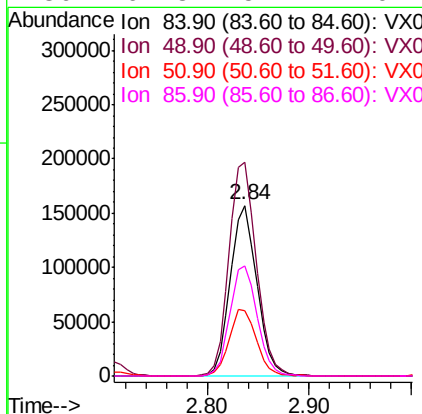
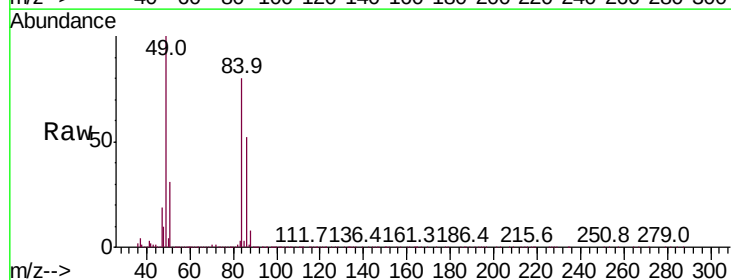
Instrument :
MSVOA_X
ClientSampleId :

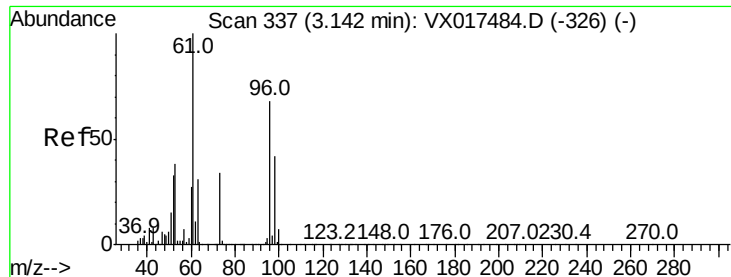
Tot Ion: 73 Resp: 931171
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.4



#20
Methylene Chloride
Concen: 49.430 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 84 Resp: 284429
Ion Ratio Lower Upper
84 100
49 125.2 100.3 150.5
51 38.3 30.5 45.7
86 64.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 45.653 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

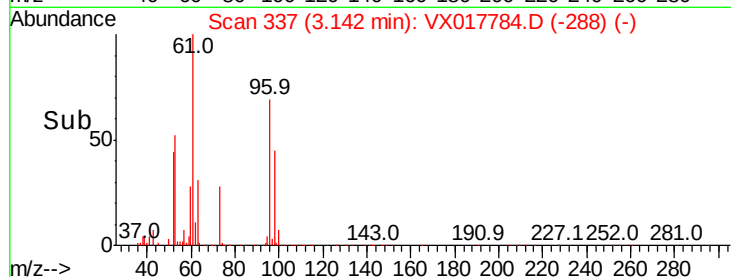
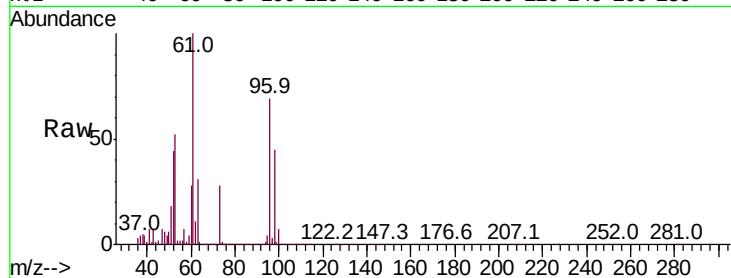
Tot Ion: 96 Resp: 272908

Ion Ratio Lower Upper

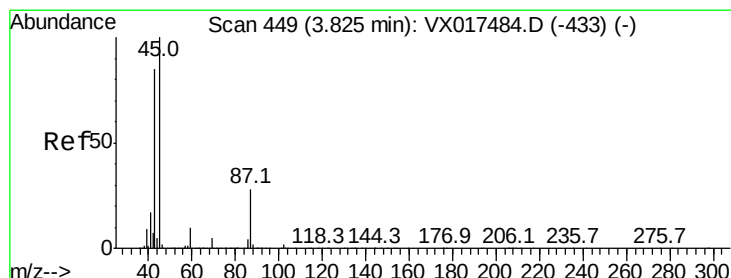
96 100

61 145.0 113.0 169.4

98 65.4 51.8 77.8



Time-->



#22

Diisopropyl ether

Concen: 47.187 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Tgt Ion: 45 Resp: 879107

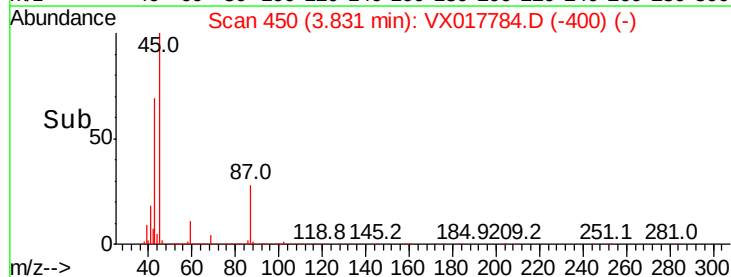
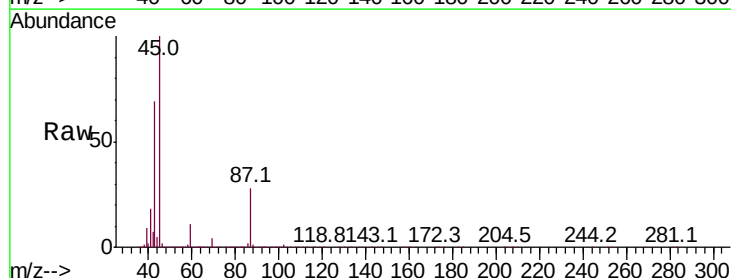
Ion Ratio Lower Upper

45 100

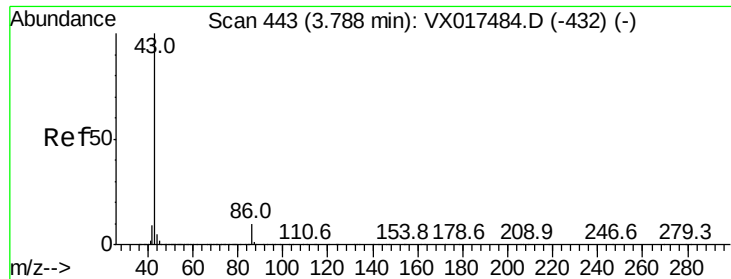
43 69.2 52.0 78.0

87 27.7 22.2 33.4

59 11.2 8.9 13.3



Time-->



#23

Vinyl Acetate

Concen: 237.914 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

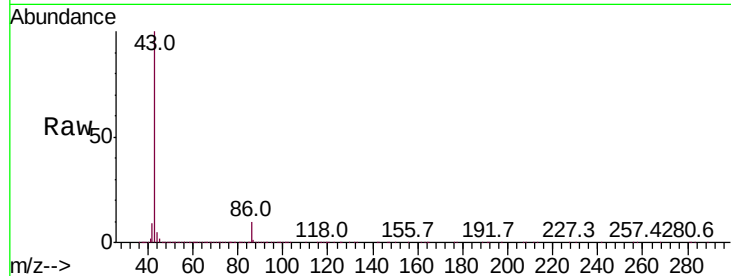
ClientSampleId :

Tot Ion: 43 Resp: 3952051

Ion Ratio Lower Upper

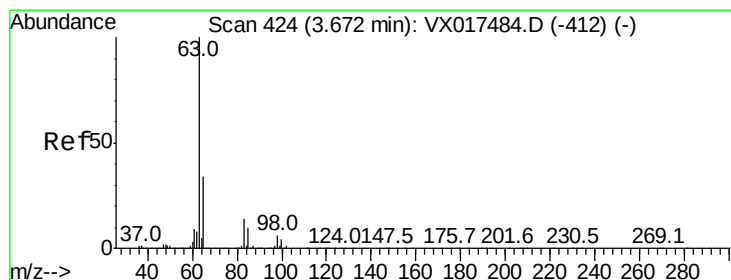
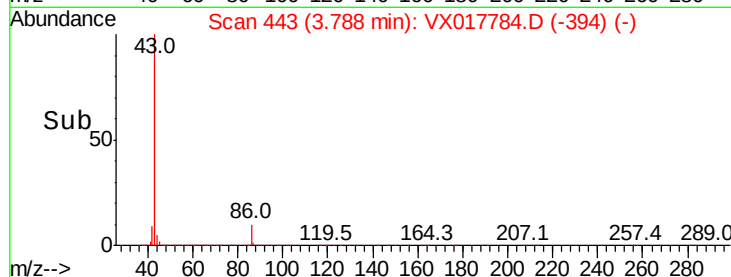
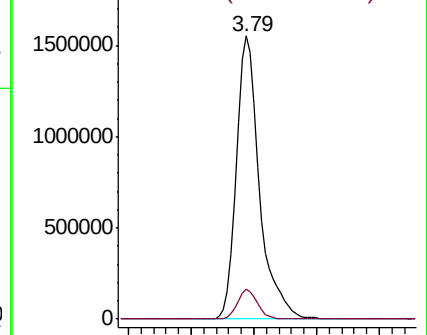
43 100

86 10.4 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.192 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

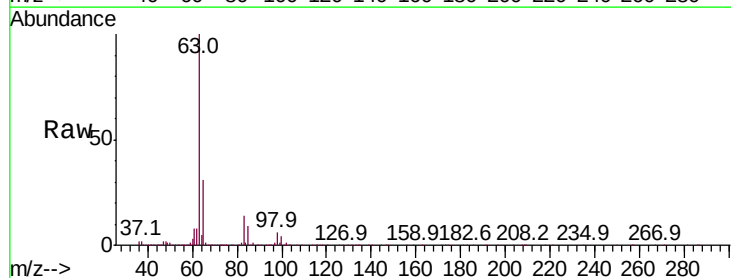
Tgt Ion: 63 Resp: 495737

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.1

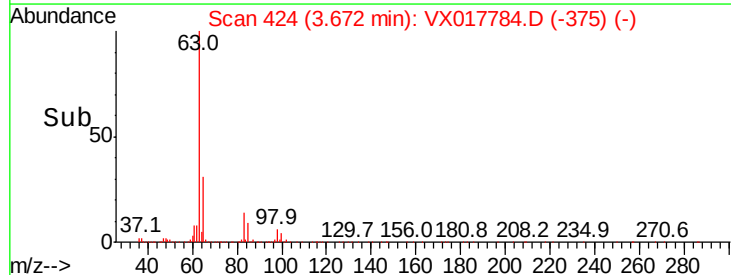
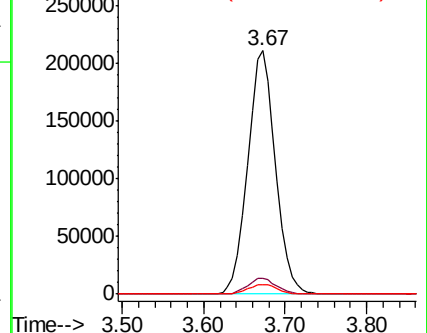
100 3.8 1.9 5.7

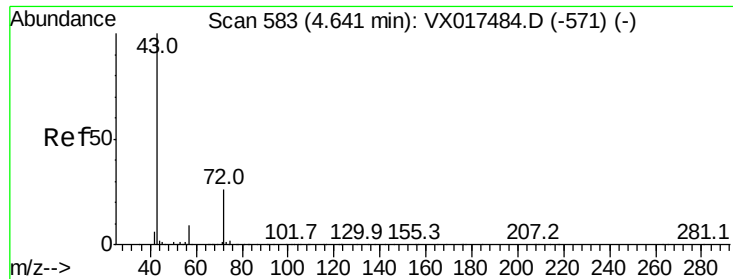


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 282.391 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

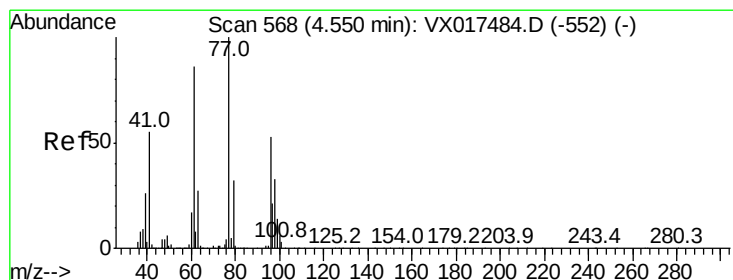
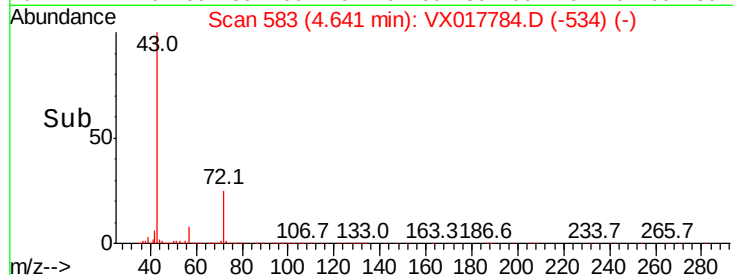
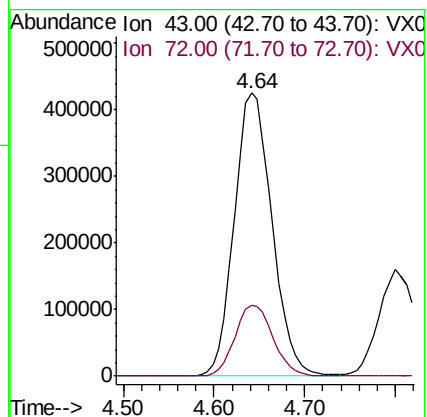
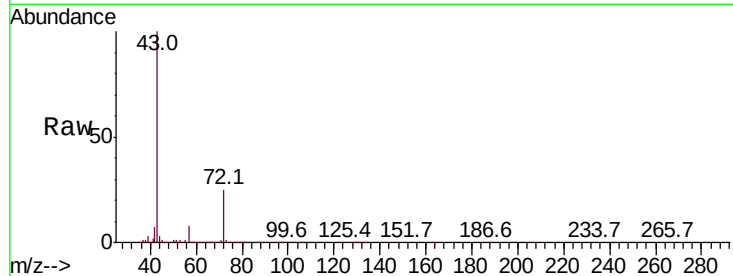
ClientSampleId :

Tot Ion: 43 Resp: 1225303

Ion Ratio Lower Upper

43 100

72 24.9 19.0 28.4



#26

2,2-Dichloropropane

Concen: 36.175 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017784.D

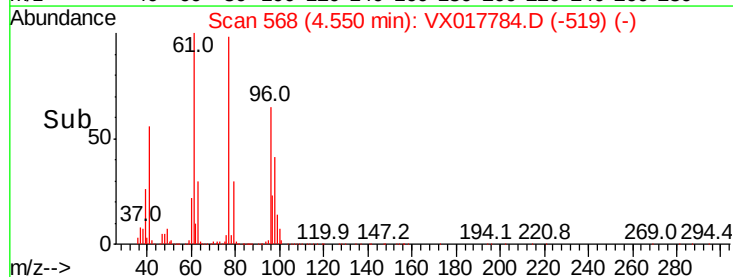
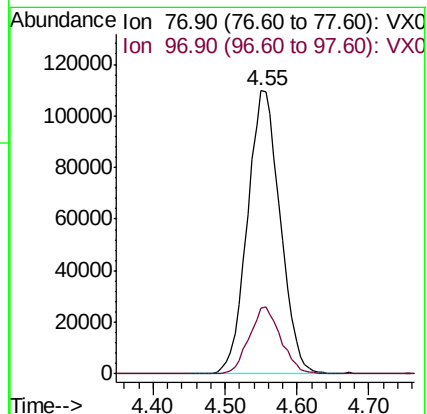
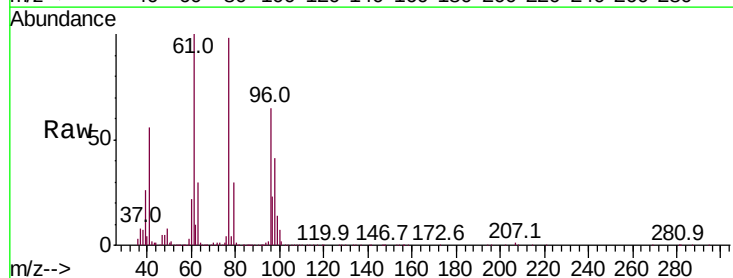
Acq: 04 Aug 2020 20:46

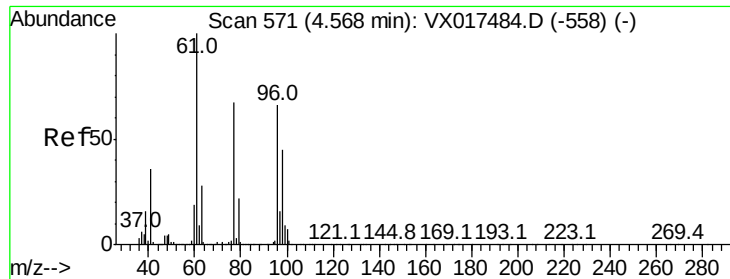
Tgt Ion: 77 Resp: 347522

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9



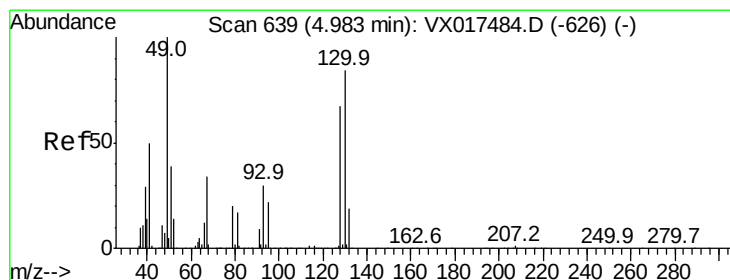
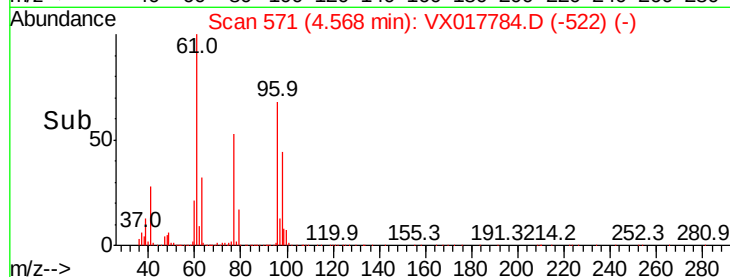
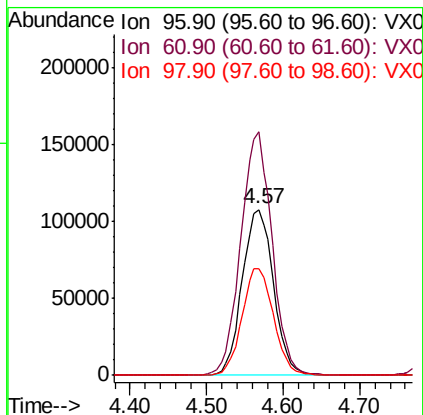
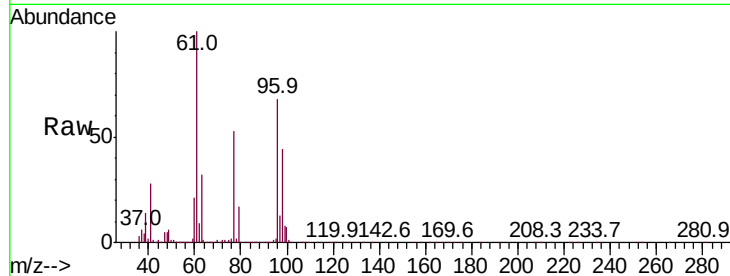


#27

cis-1,2-Dichloroethene
 Concen: 47.288 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampleId :

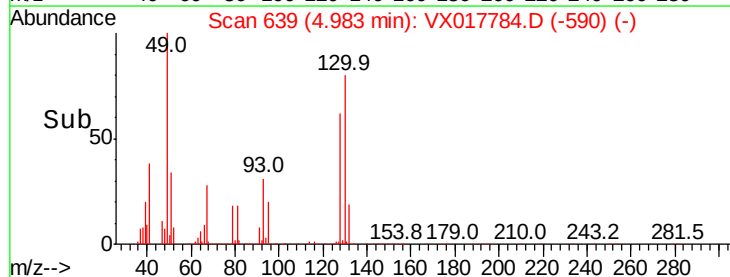
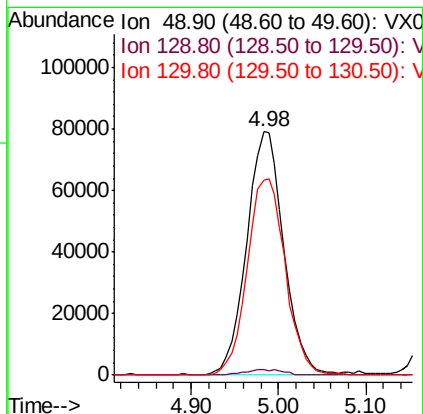
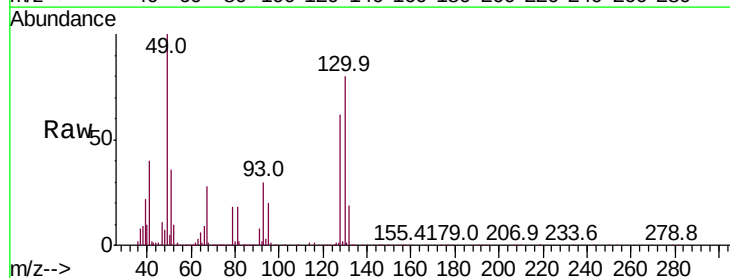
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	301.2
98	65.1	0.0	130.0

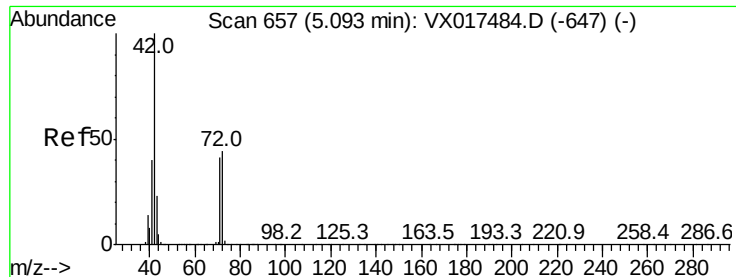


#28

Bromochloromethane
 Concen: 48.037 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	82.7	66.7	100.1





#29

Tetrahydrofuran

Concen: 274.770 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

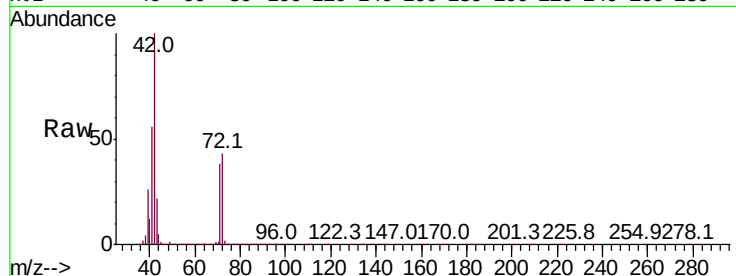
Tot Ion: 42 Resp: 738501

Ion Ratio Lower Upper

42 100

72 43.6 35.5 53.3

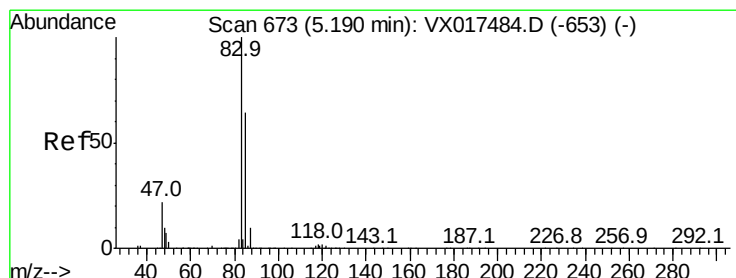
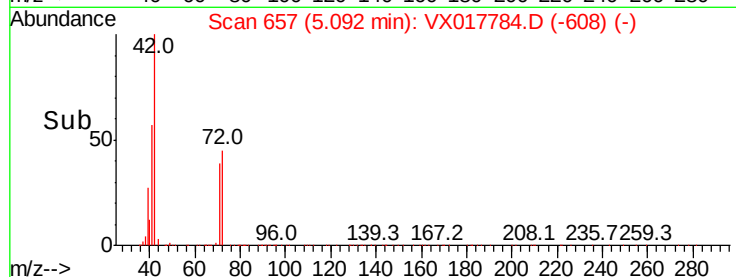
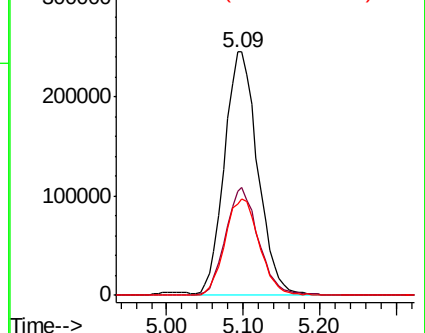
71 40.9 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.239 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017784.D

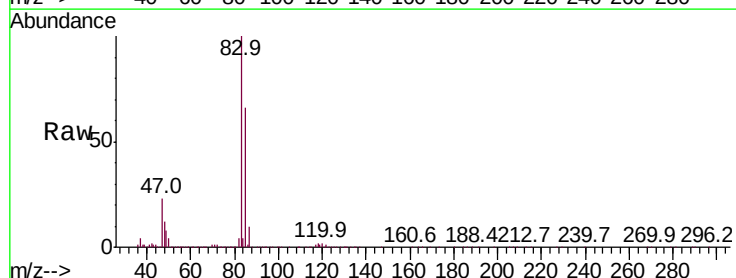
Acq: 04 Aug 2020 20:46

Tgt Ion: 83 Resp: 528985

Ion Ratio Lower Upper

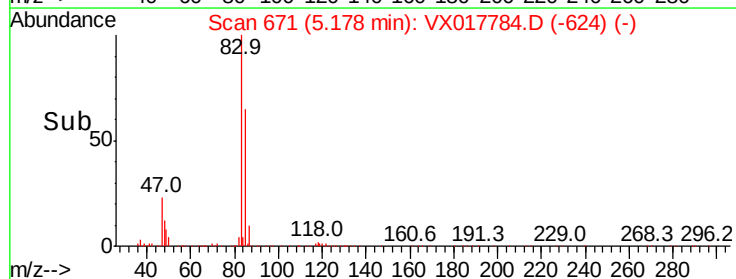
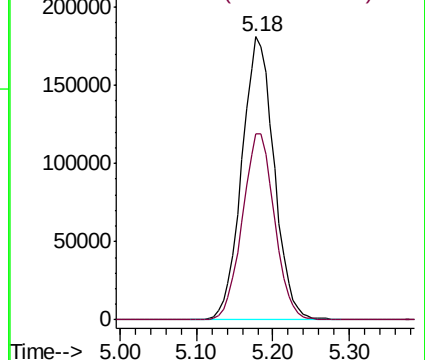
83 100

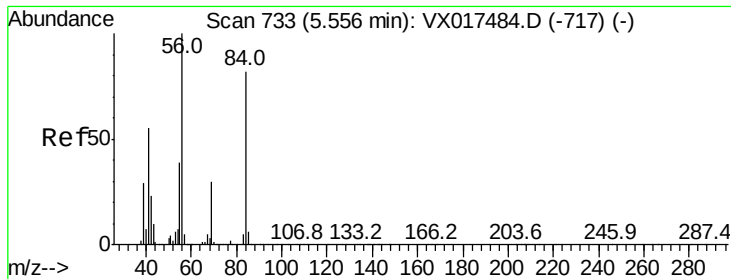
85 65.9 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

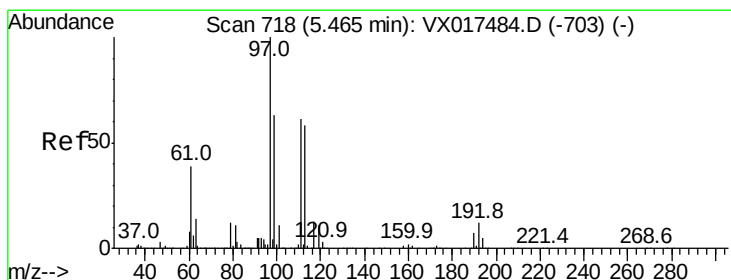
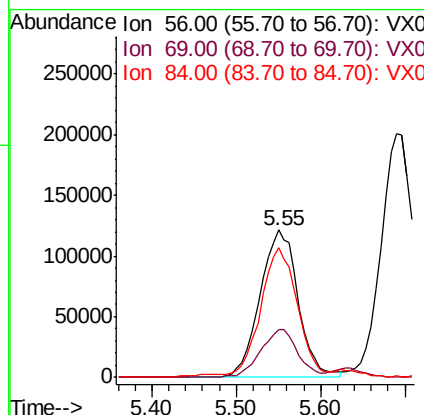
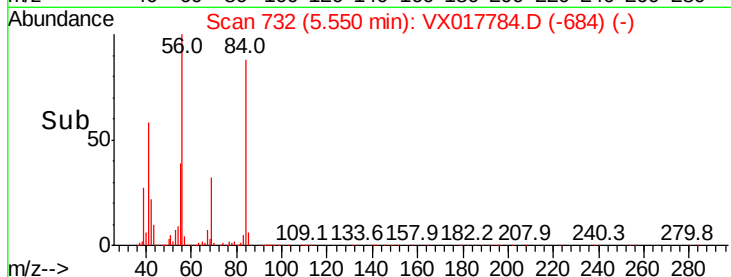
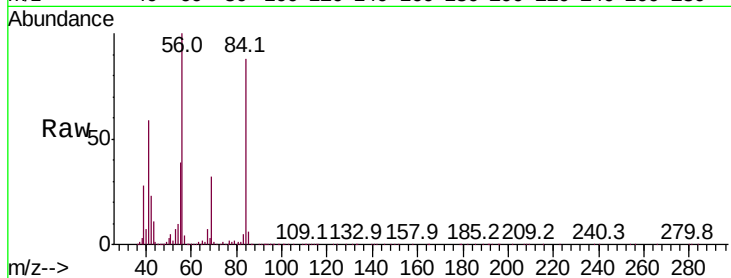




#31
Cyclohexane
Concen: 44.131 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

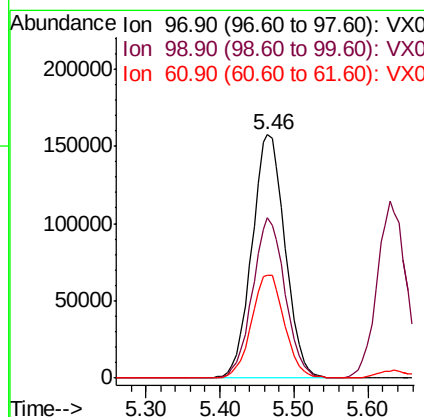
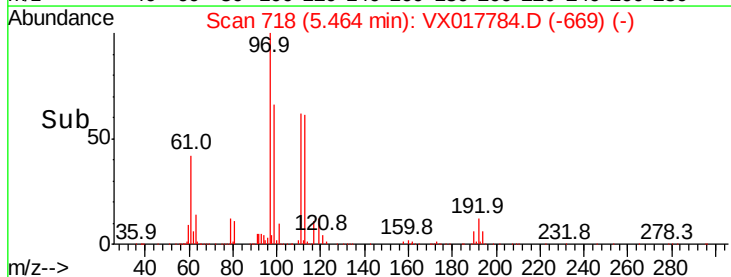
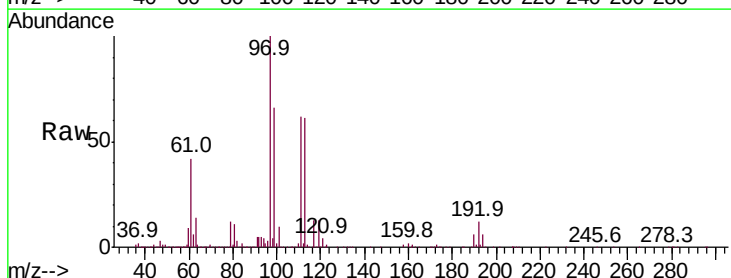
Instrument :
MSVOA_X
ClientSampled :

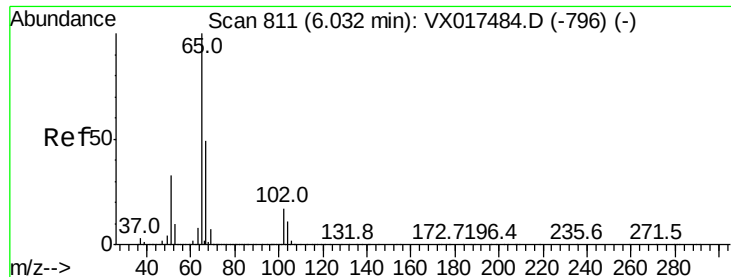
Tot Ion: 56 Resp: 377690
Ion Ratio Lower Upper
56 100
69 31.8 24.2 36.4
84 86.9 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 47.311 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 97 Resp: 489222
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 42.3 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 53.568 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

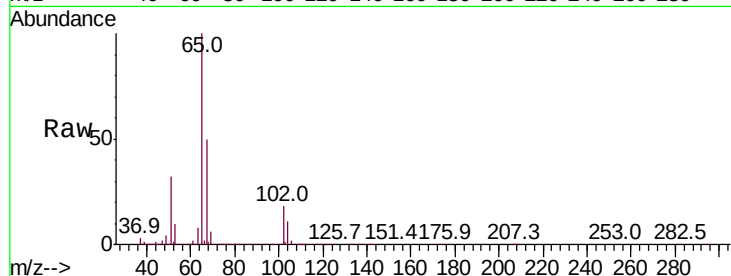
ClientSampleId :

Tot Ion: 65 Resp: 371742

Ion Ratio Lower Upper

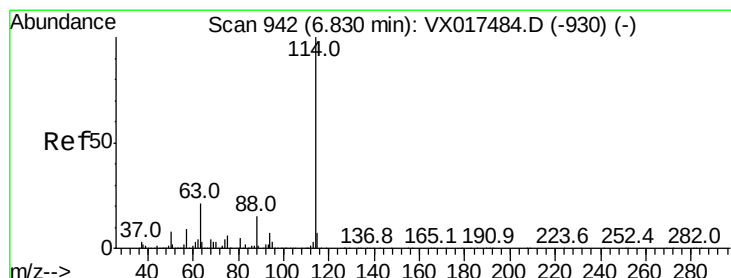
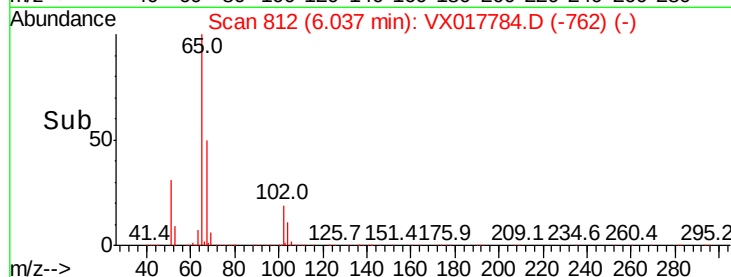
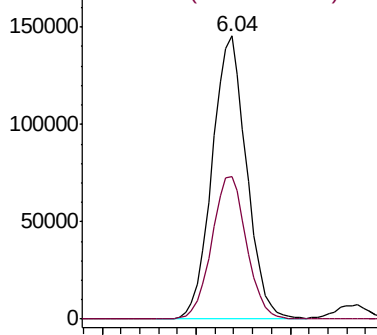
65 100

67 51.0 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

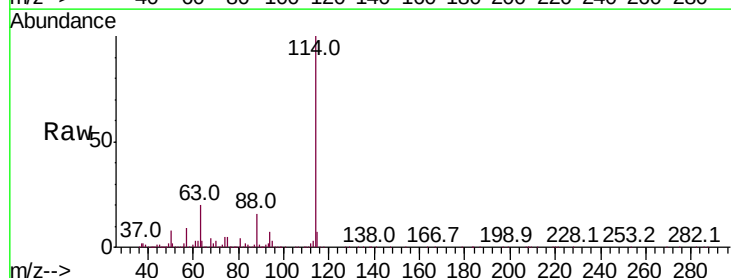
Tgt Ion: 114 Resp: 798006

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

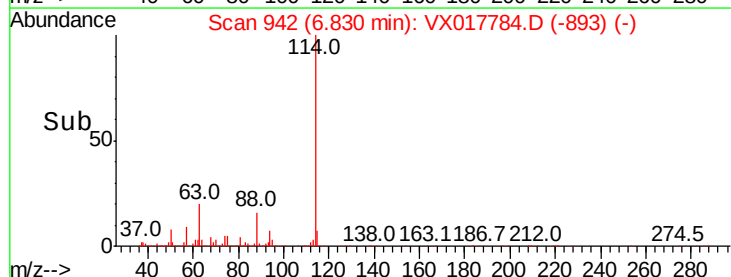
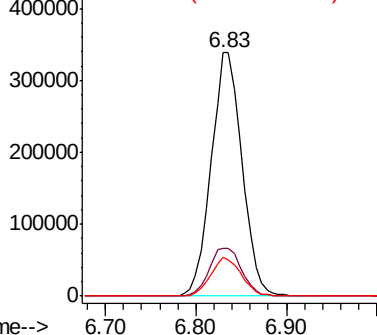
88 15.7 0.0 33.4

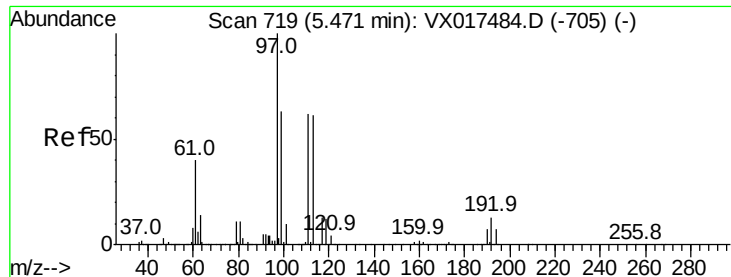


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

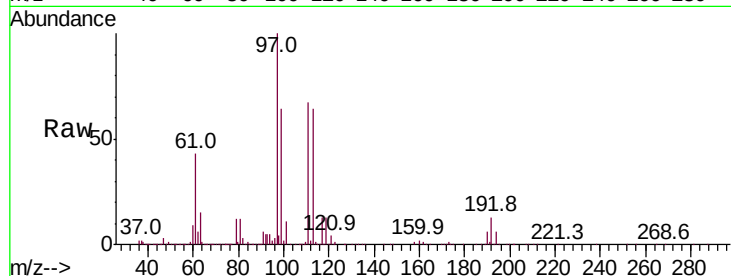




#35
 Dibromofluoromethane
 Concen: 52.460 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.7	121.1
192	20.5	16.9	25.3

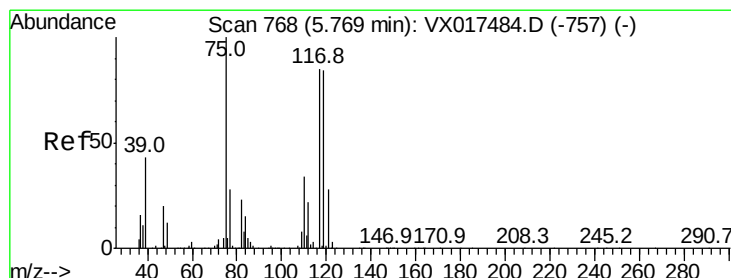
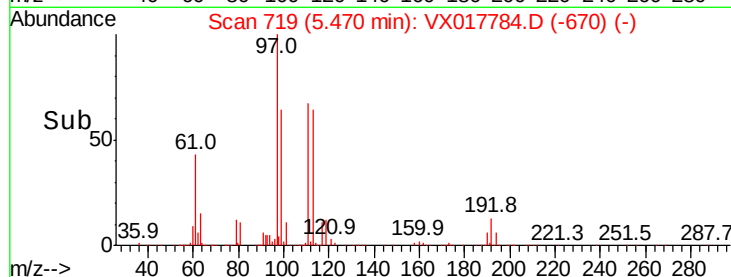
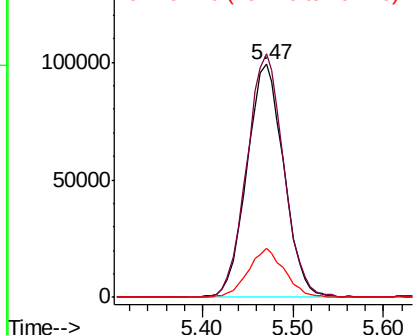


Abundance

Ion 112.80 (112.50 to 113.50): V

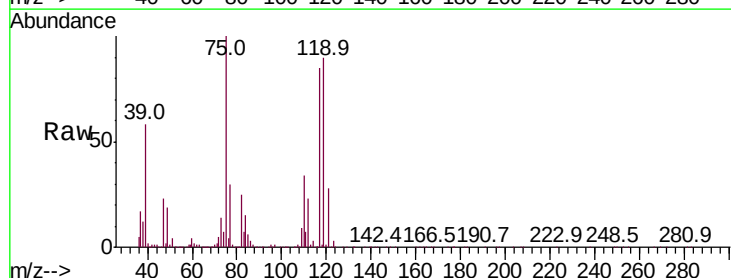
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 50.872 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.3
77	30.8	24.6	37.0

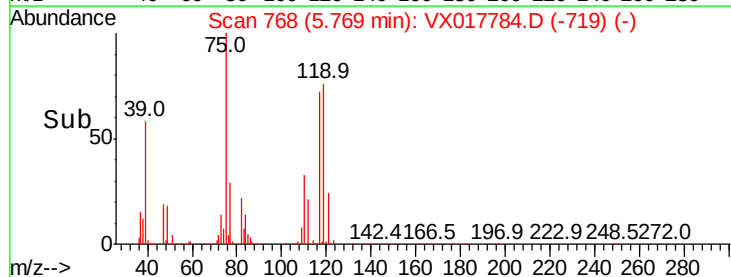
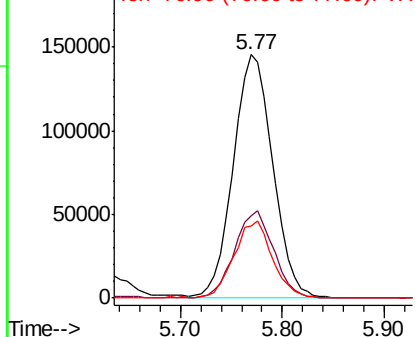


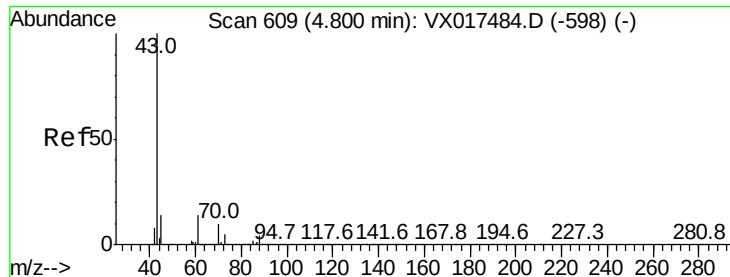
Abundance

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

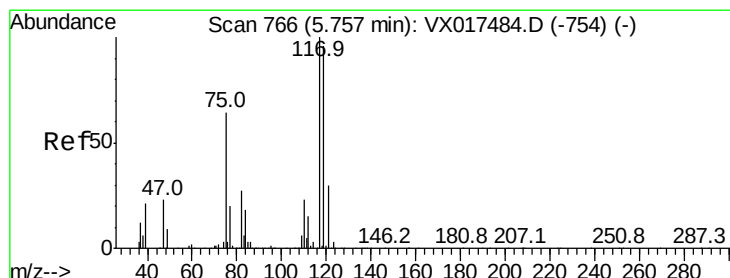
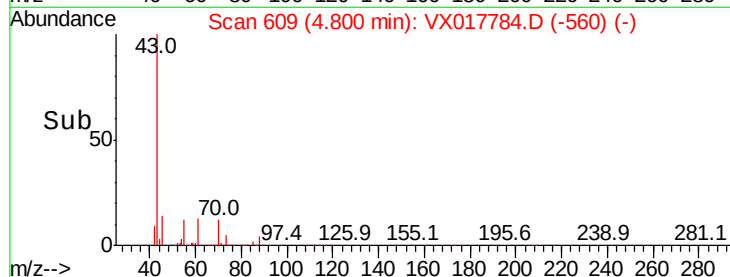
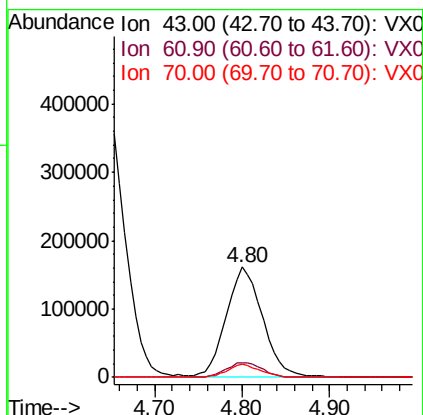
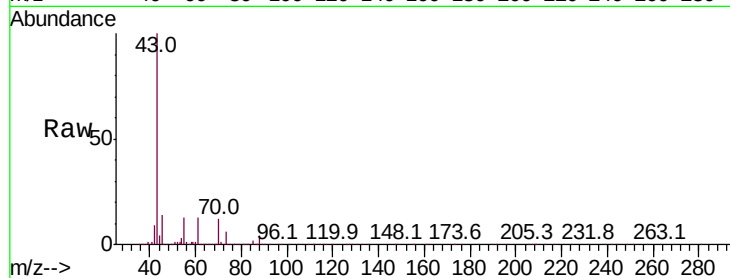




#37
Ethyl Acetate
Concen: 55.234 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

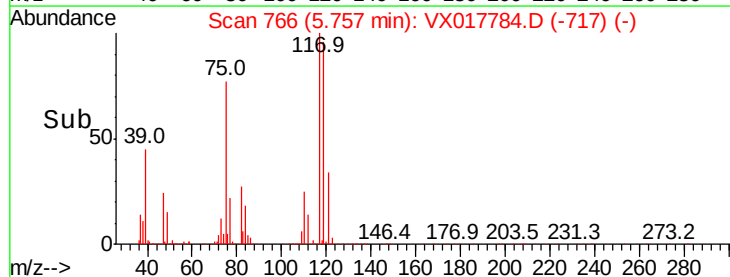
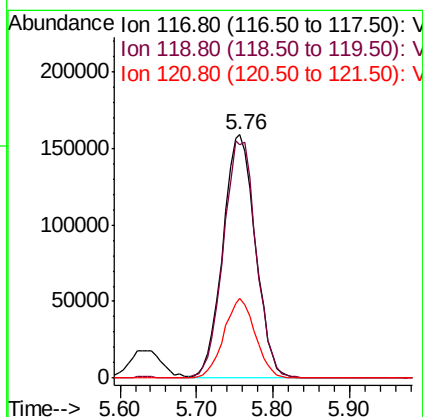
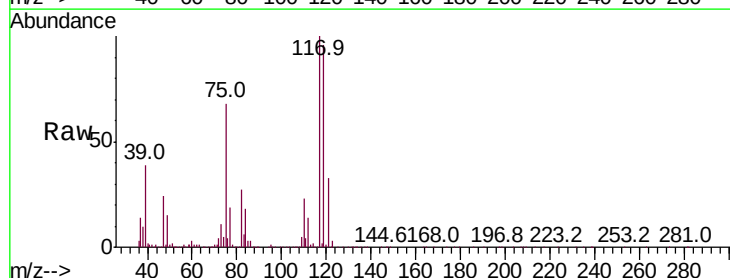
Instrument :
MSVOA_X
ClientSampled :

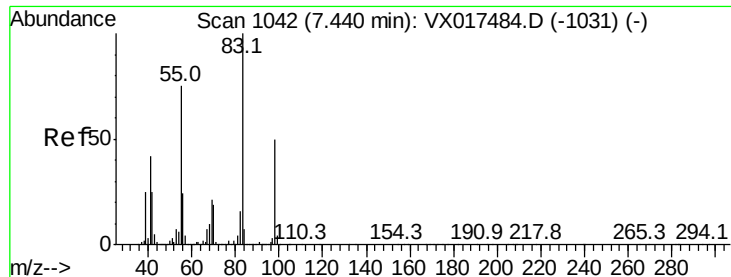
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.8	8.5	12.7



#38
Carbon Tetrachloride
Concen: 50.255 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.4	113.0
121	32.7	24.3	36.5

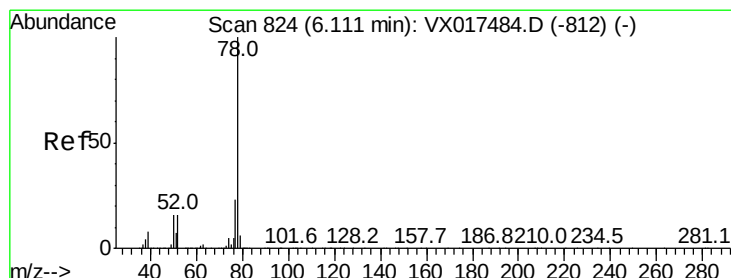
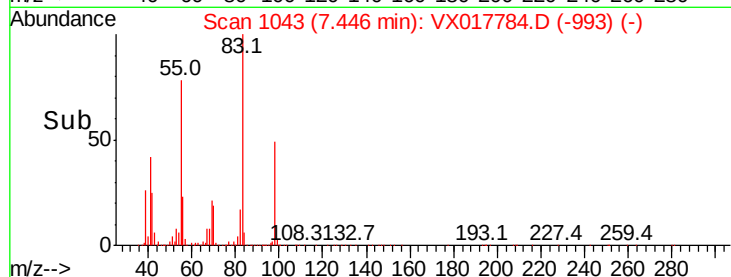
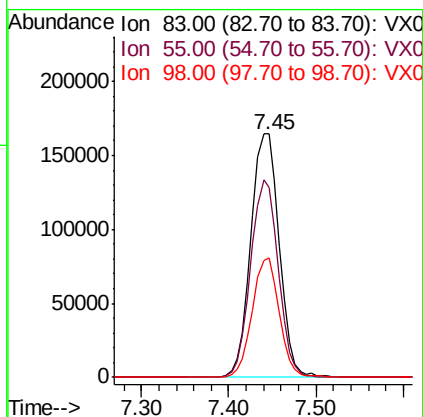
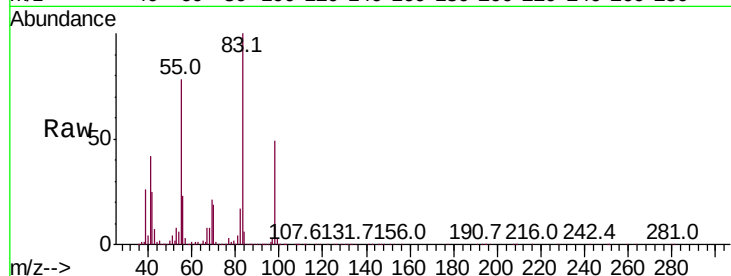




#39
Methylvlcyclohexane
Concen: 41.767 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

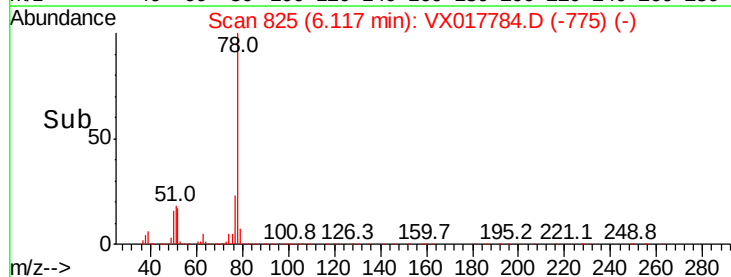
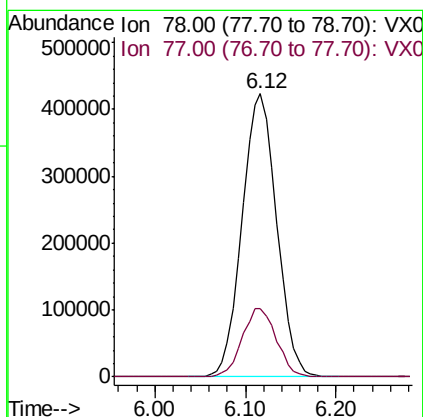
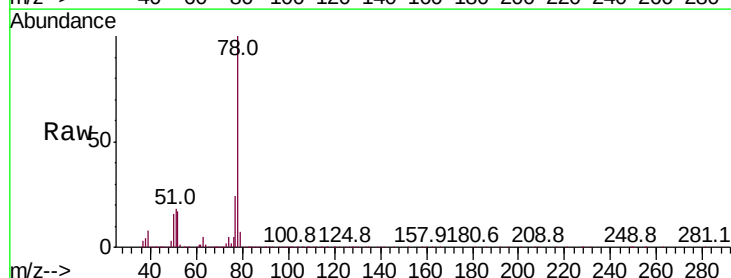
Instrument :
MSVOA_X
ClientSampleId :

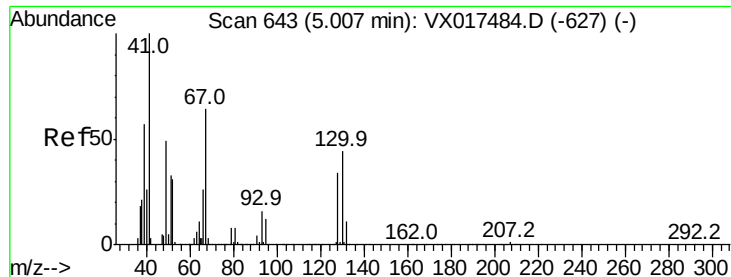
Tot Ion: 83 Resp: 373169
Ion Ratio Lower Upper
83 100
55 77.5 61.8 92.8
98 49.1 36.9 55.3



#40
Benzene
Concen: 50.863 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 78 Resp: 1116055
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.2

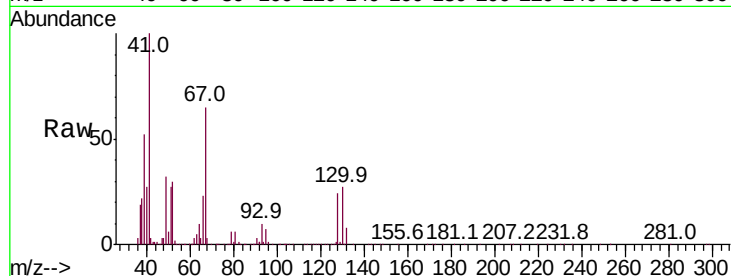




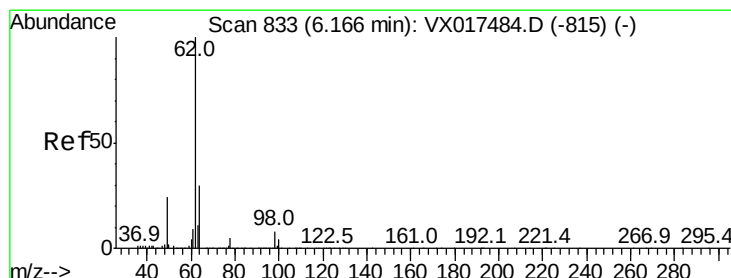
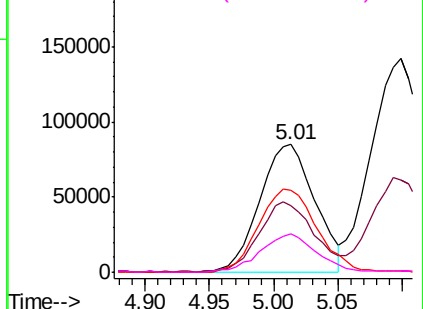
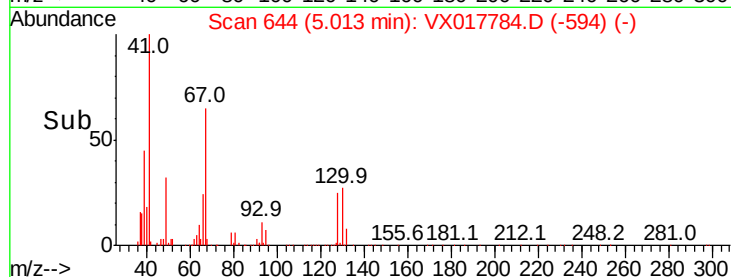
#41
Methacrylonitrile
Concen: 52.579 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	252378
Ion	Ratio	Lower	Upper
41	100		
39	55.4	43.9	65.9
67	69.0	54.0	81.0
52	29.9	23.0	34.6

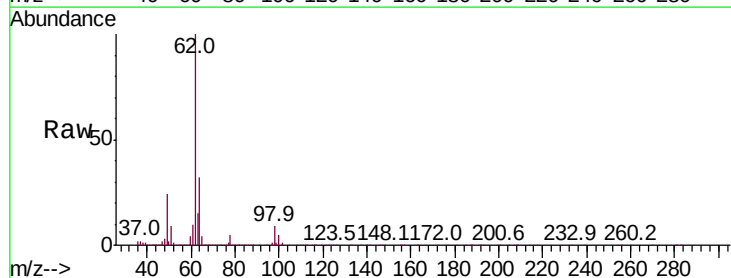


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

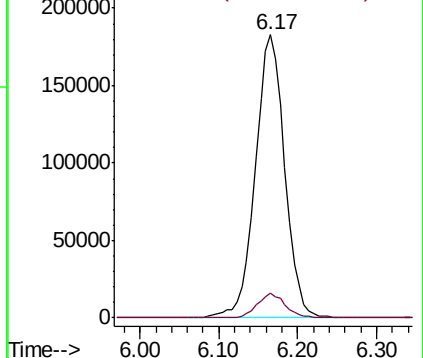
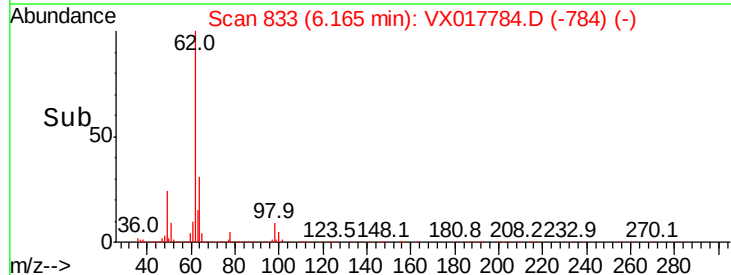


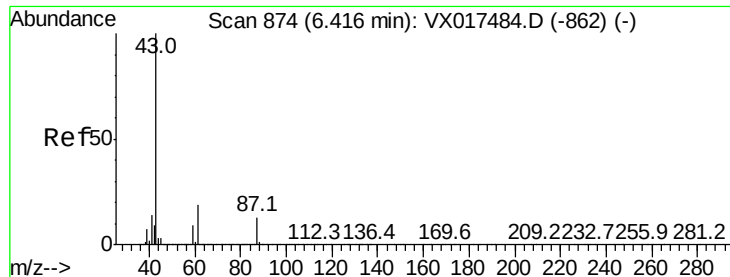
#42
1,2-Dichloroethane
Concen: 52.408 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion:	62	Resp:	470454
Ion	Ratio	Lower	Upper
62	100		
98	8.3	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: 54.174 ug/l

RT: 6.42 min Scan# 875

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

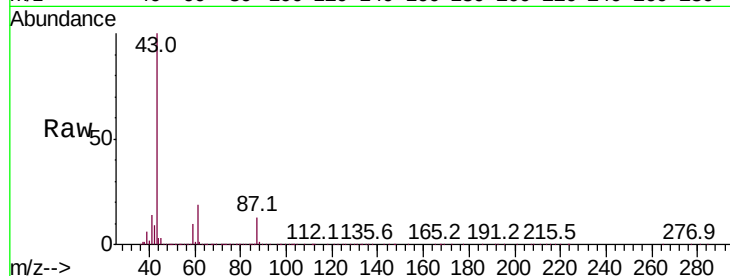
Tot Ion: 43 Resp: 748524

Ion Ratio Lower Upper

43 100

61 19.6 15.5 23.3

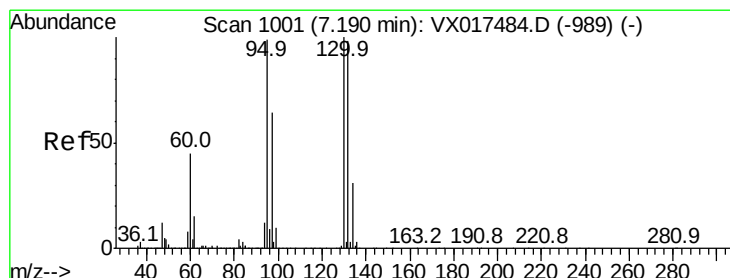
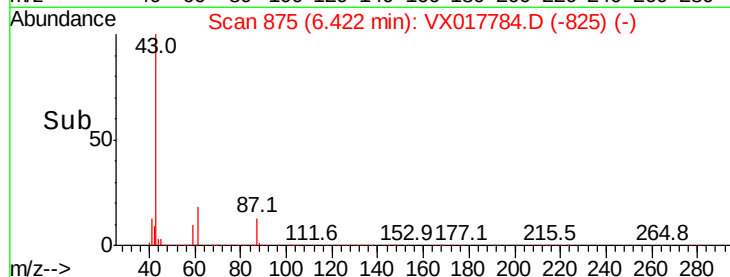
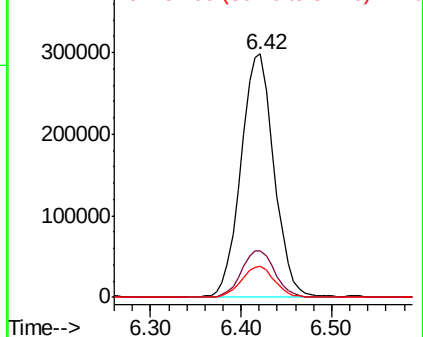
87 12.8 10.5 15.7



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: 48.373 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017784.D

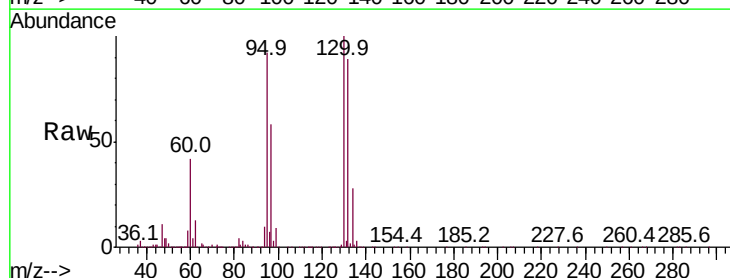
Acq: 04 Aug 2020 20:46

Tgt Ion: 130 Resp: 310193

Ion Ratio Lower Upper

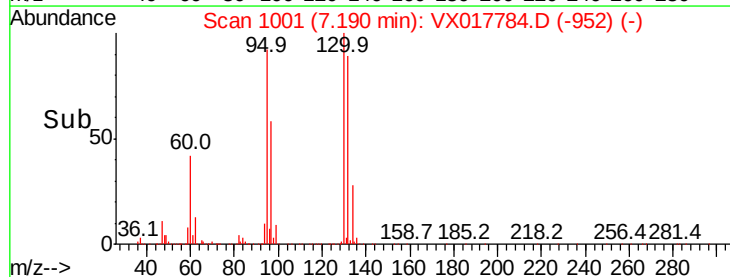
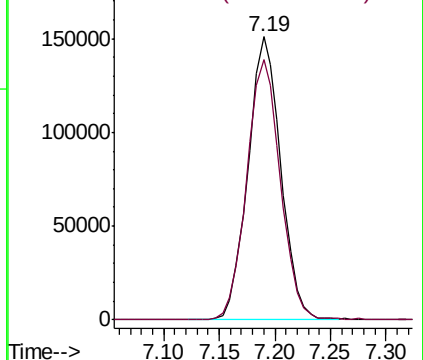
130 100

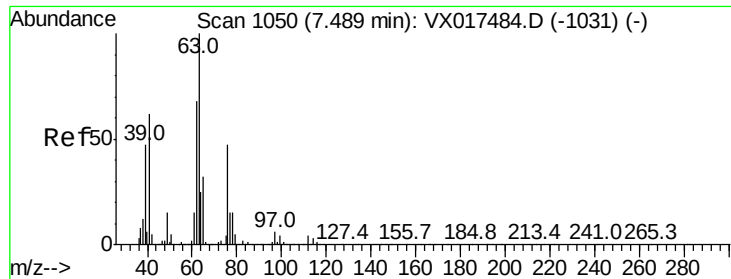
95 91.8 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 47.314 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

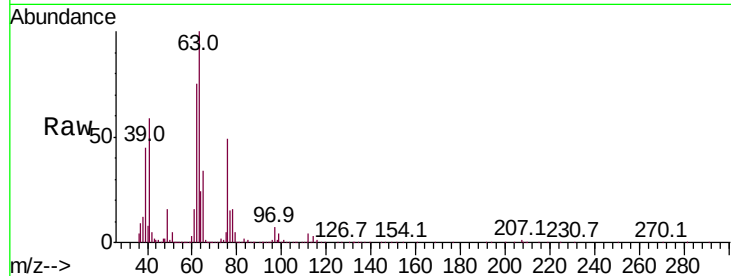
ClientSampleId :

Tot Ion: 63 Resp: 287802

Ion Ratio Lower Upper

63 100

65 33.6 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

150000

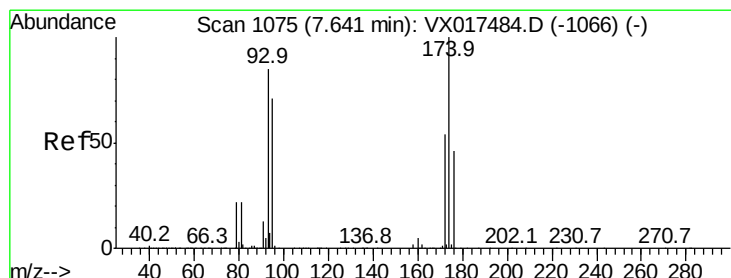
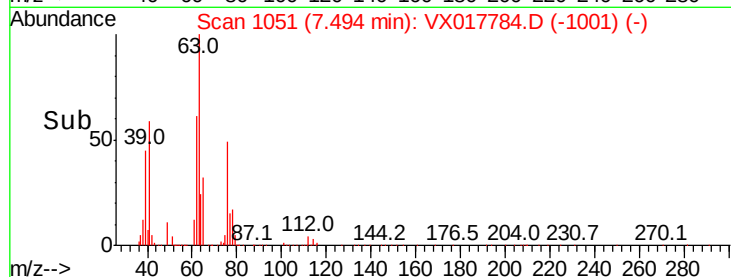
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 48.114 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

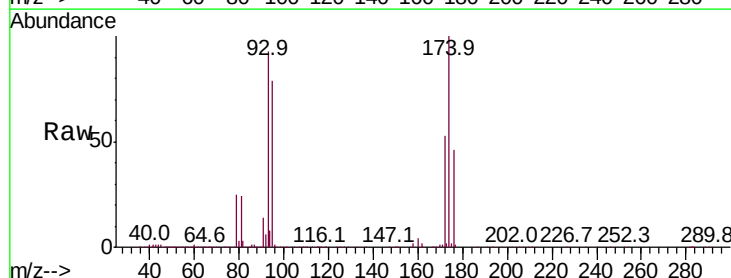
Tgt Ion: 93 Resp: 206832

Ion Ratio Lower Upper

93 100

95 84.3 66.6 99.8

174 106.1 87.0 130.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

150000

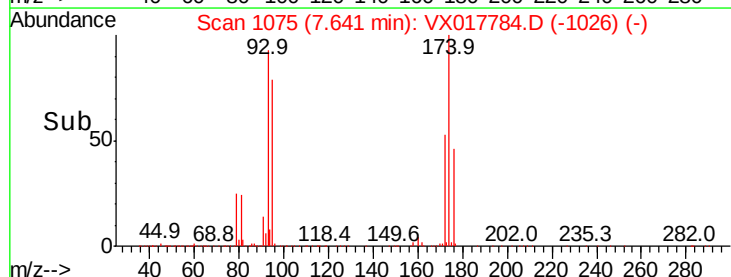
100000

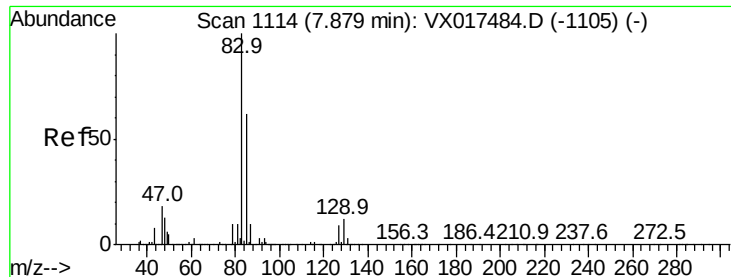
50000

0

7.50 7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 51.656 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :

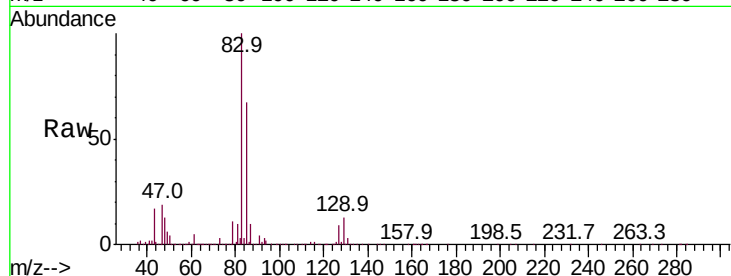
Tot Ion: 83 Resp: 446807

Ion Ratio Lower Upper

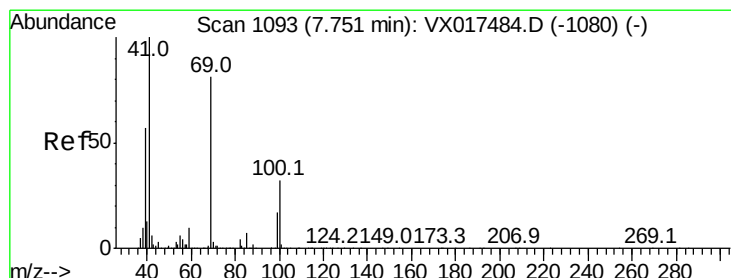
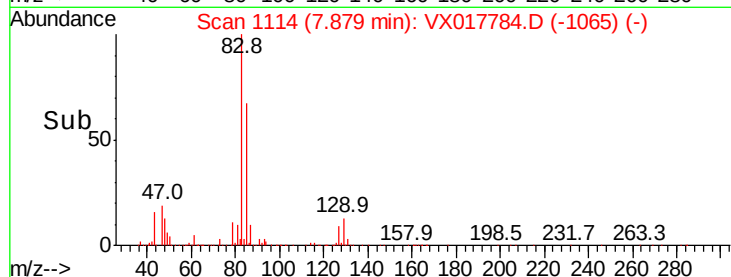
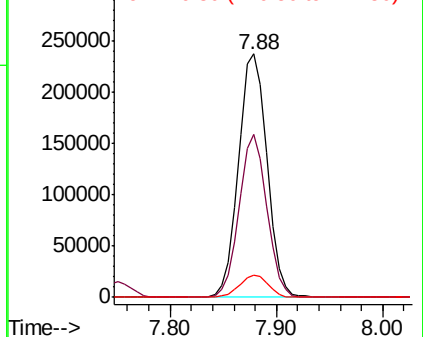
83 100

85 66.7 51.8 77.8

127 8.9 7.4 11.2



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



#48

Methyl methacrylate

Concen: 55.613 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

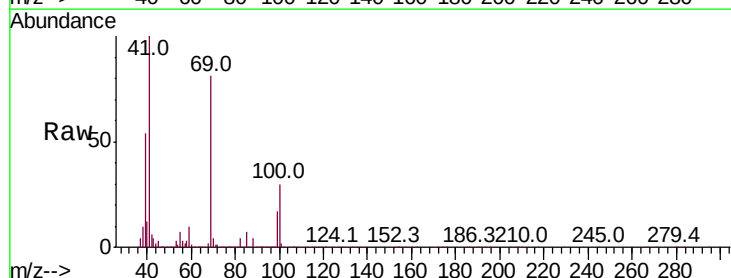
Tgt Ion: 41 Resp: 380893

Ion Ratio Lower Upper

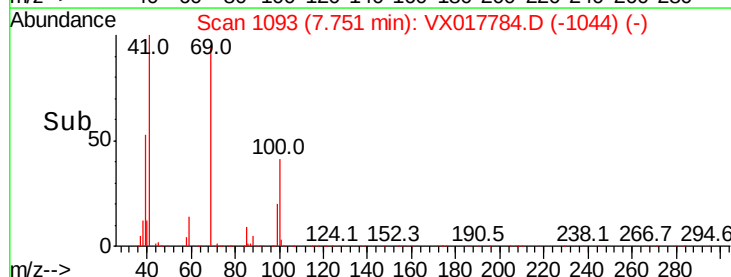
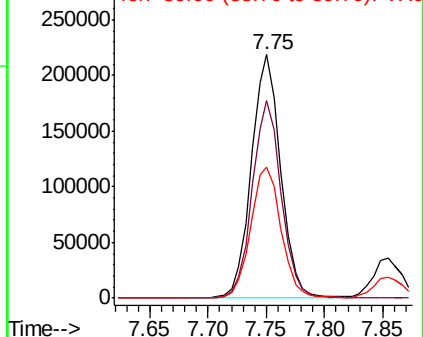
41 100

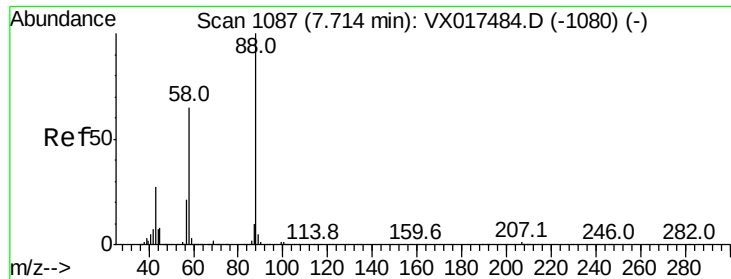
69 80.0 63.1 94.7

39 55.7 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: 968.788 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

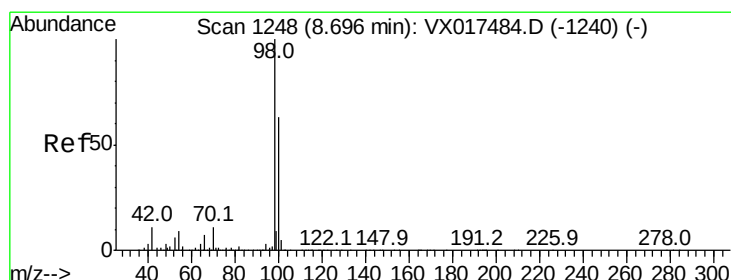
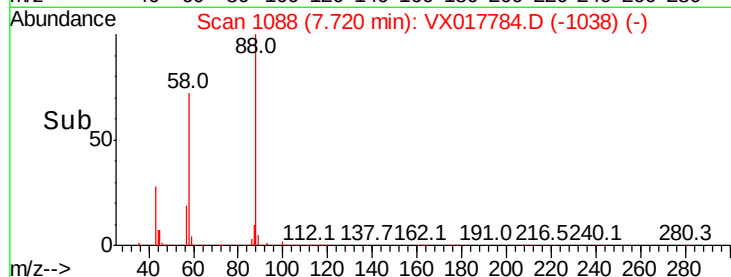
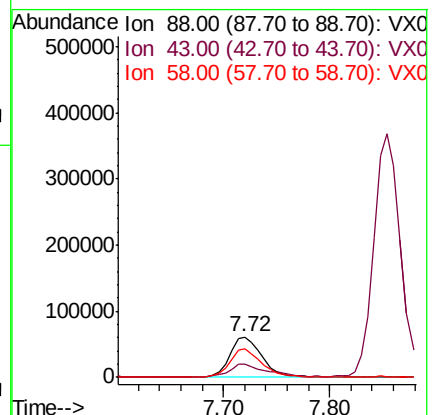
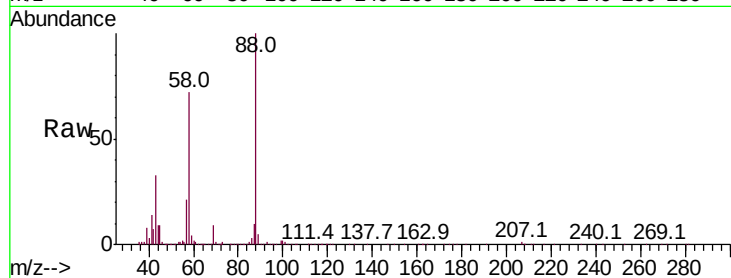
Tot Ion: 88 Resp: 127212

Ion Ratio Lower Upper

88 100

43 35.3 27.8 41.6

58 72.3 58.3 87.5



#50

Toluene-d8

Concen: 55.118 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017784.D

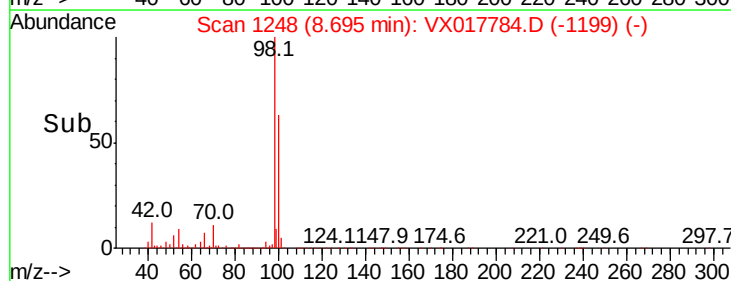
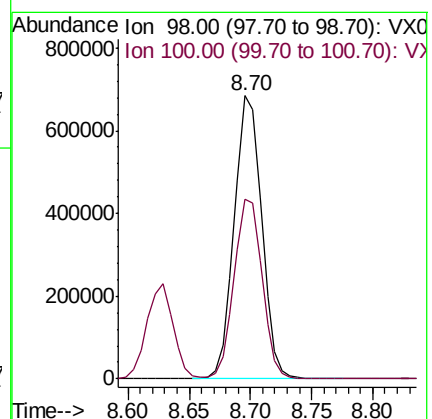
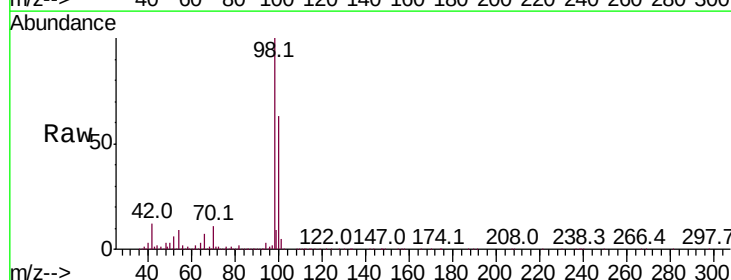
Acq: 04 Aug 2020 20:46

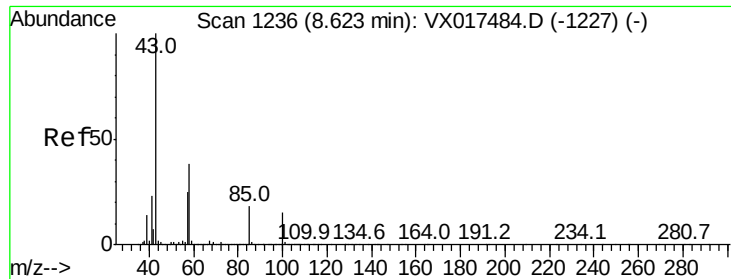
Tgt Ion: 98 Resp: 1061211

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5

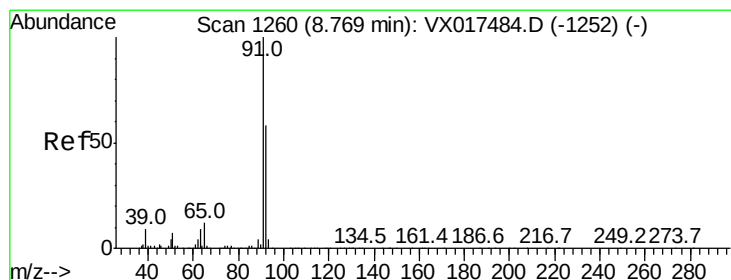
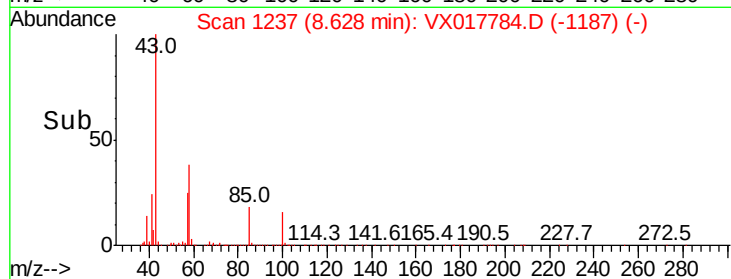
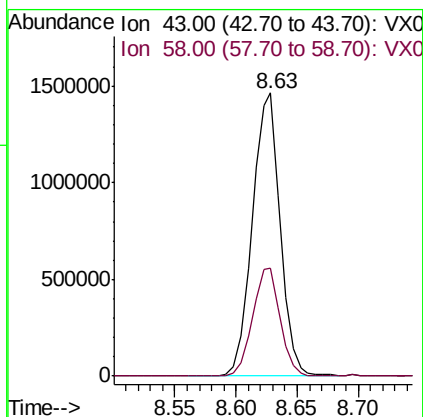
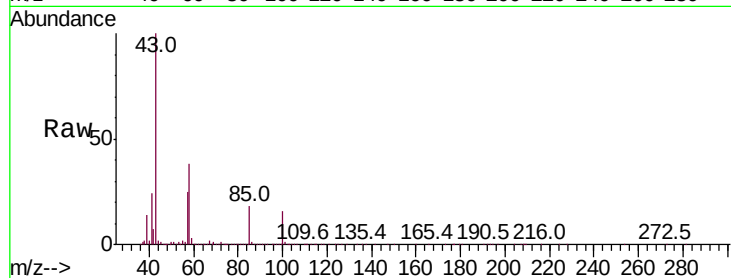




#51
4-Methyl-2-Pentanone
Concen: 280.581 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

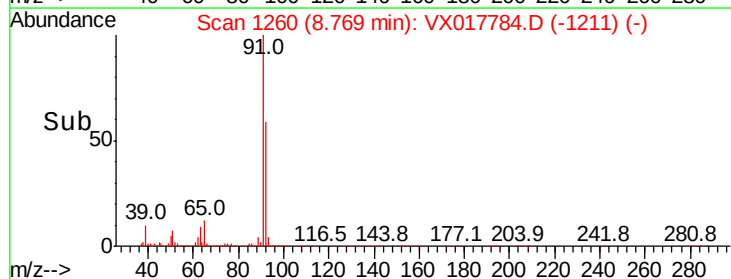
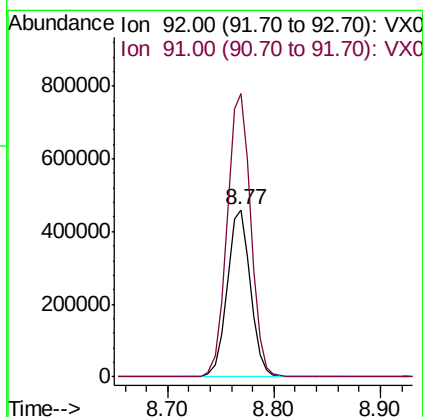
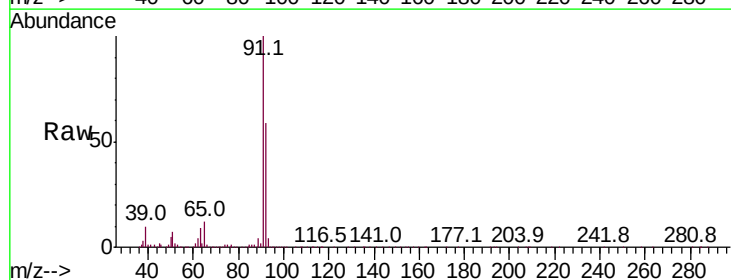
Instrument :
MSVOA_X
ClientSampleId :

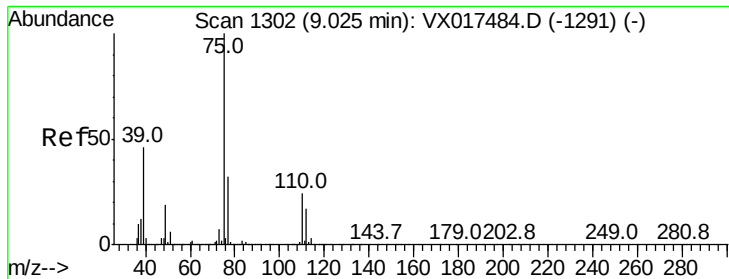
Tot Ion: 43 Resp: 2313124
Ion Ratio Lower Upper
43 100
58 37.9 31.0 46.4



#52
Toluene
Concen: 49.905 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 92 Resp: 702274
Ion Ratio Lower Upper
92 100
91 172.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 47.552 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

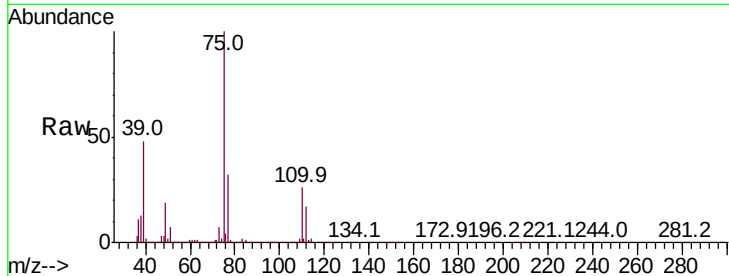
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 460427

Ion Ratio Lower Upper

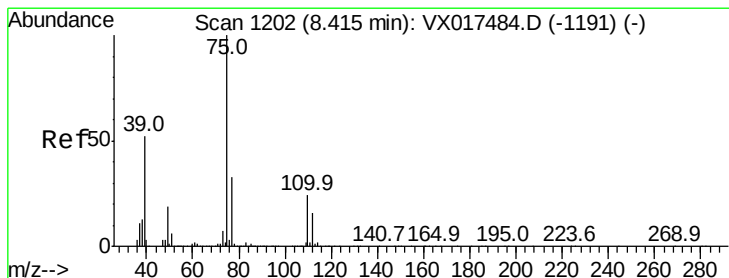
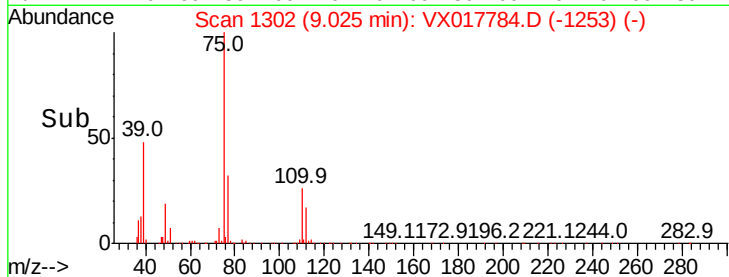
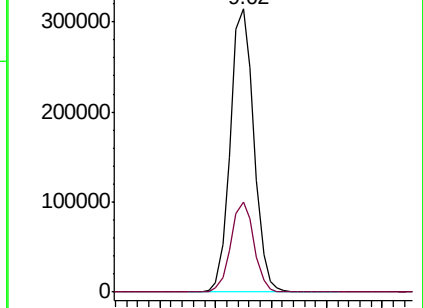
75 100

77 31.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 52.546 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

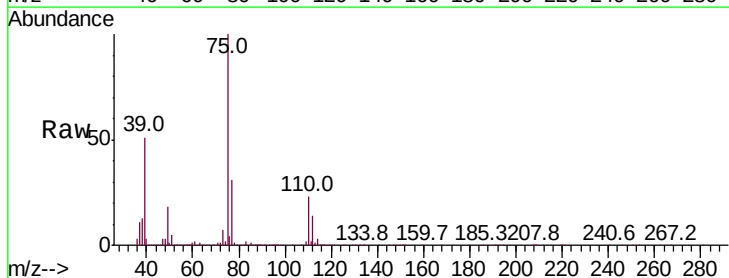
Tgt Ion: 75 Resp: 518963

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

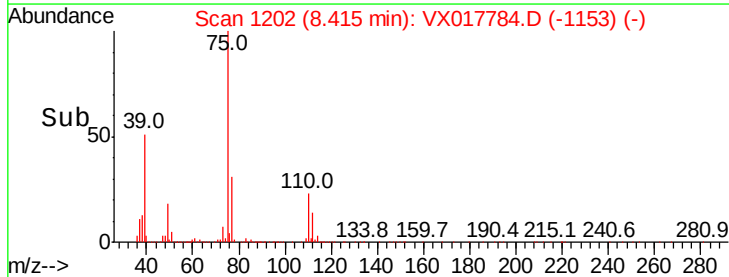
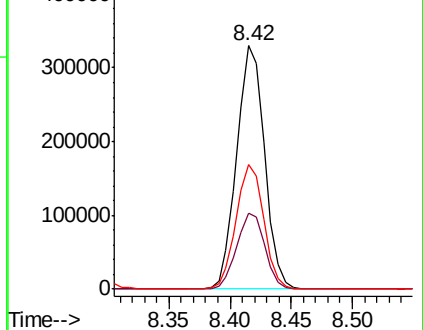
39 51.2 41.8 62.8

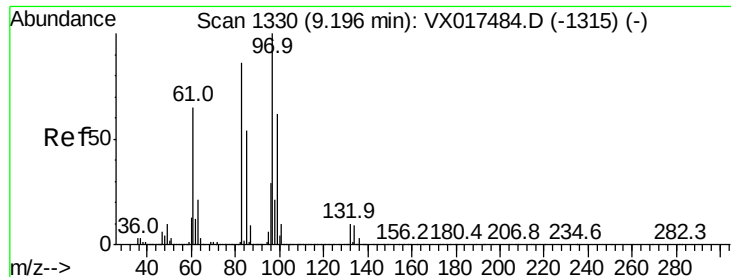


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 49.948 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 292802

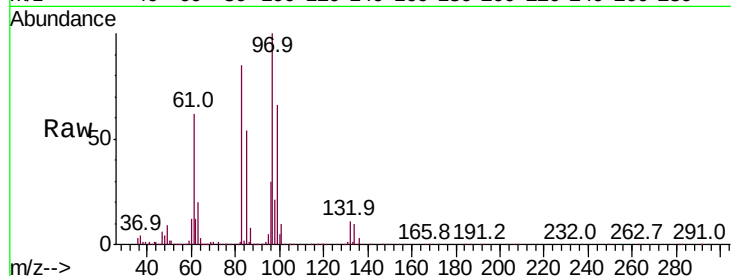
Ion Ratio Lower Upper

97 100

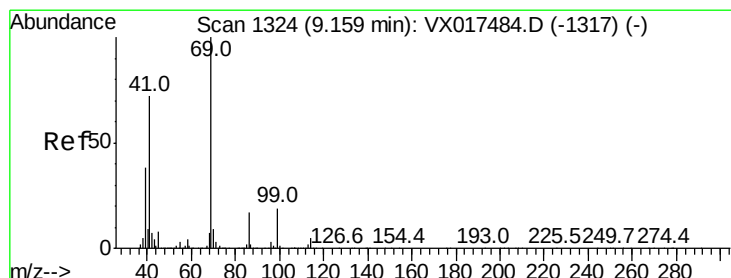
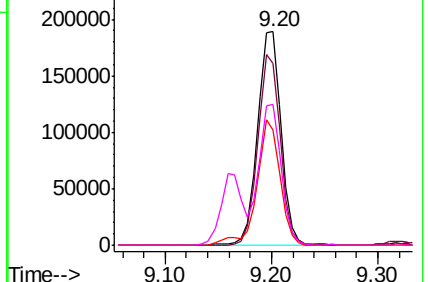
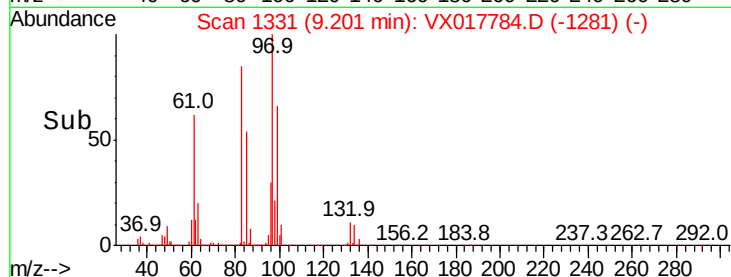
83 85.3 67.6 101.4

85 53.7 44.6 67.0

99 65.7 50.2 75.4



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



#56

Ethyl methacrylate

Concen: 51.727 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

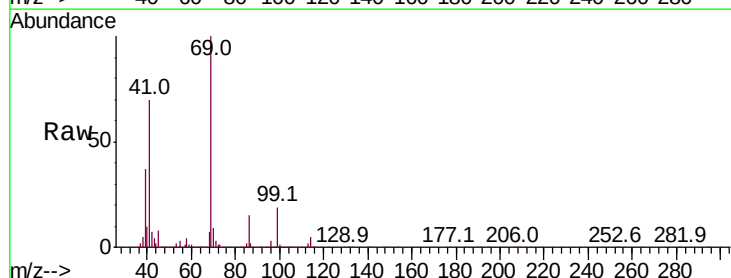
Tgt Ion: 69 Resp: 456841

Ion Ratio Lower Upper

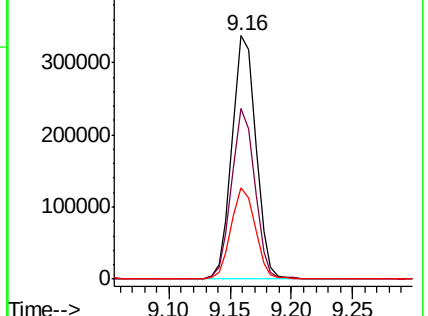
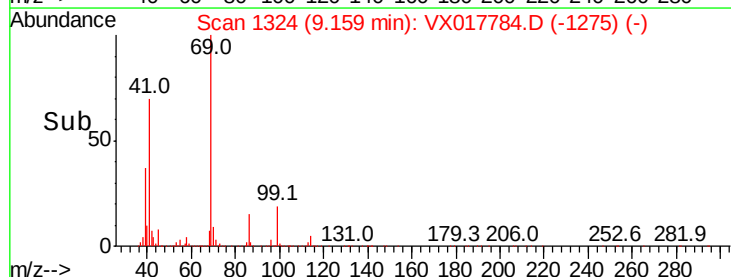
69 100

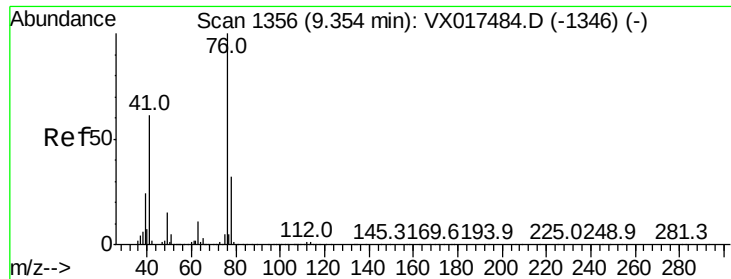
41 68.1 55.0 82.6

39 37.5 30.0 45.0



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





#57

1,3-Dichloropropane

Concen: 49.900 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

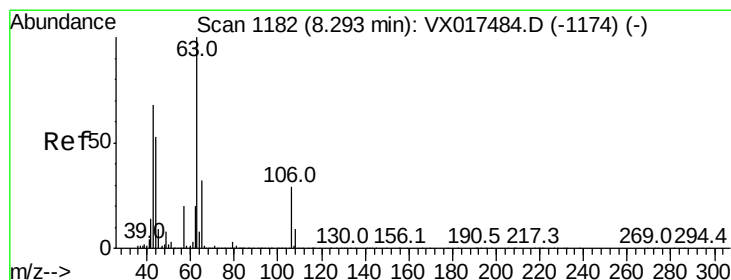
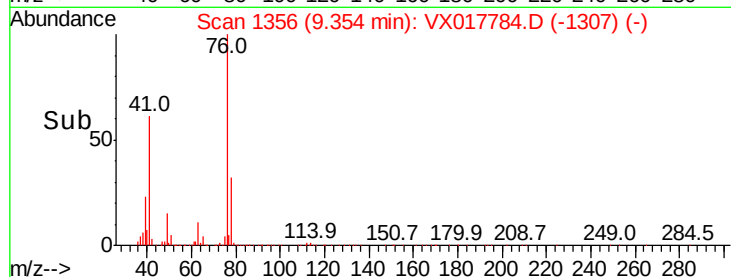
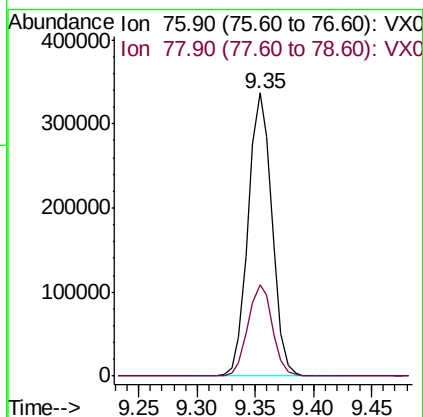
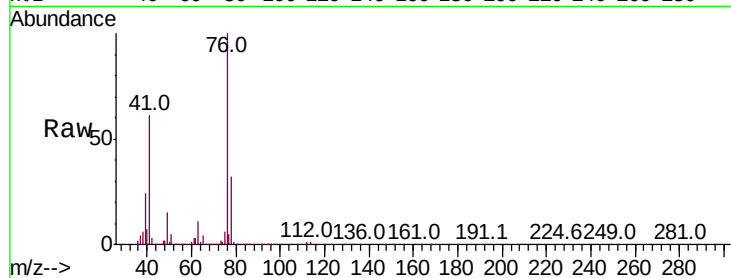
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 481673

Ion Ratio Lower Upper

76 100

78 33.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 238.810 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017784.D

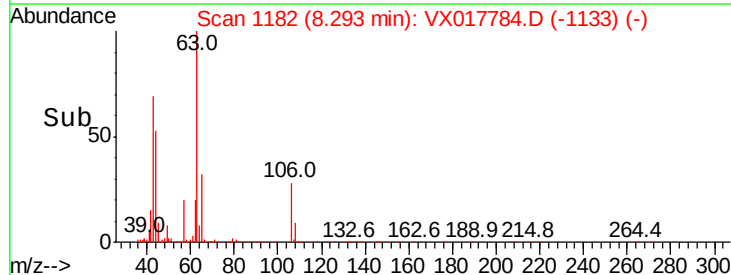
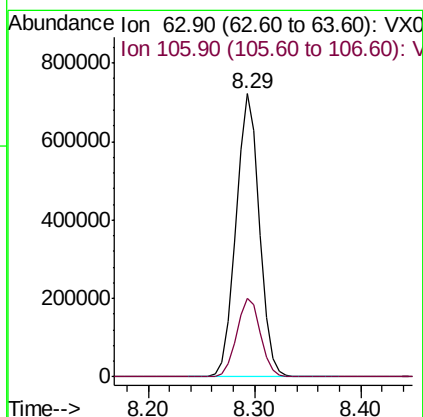
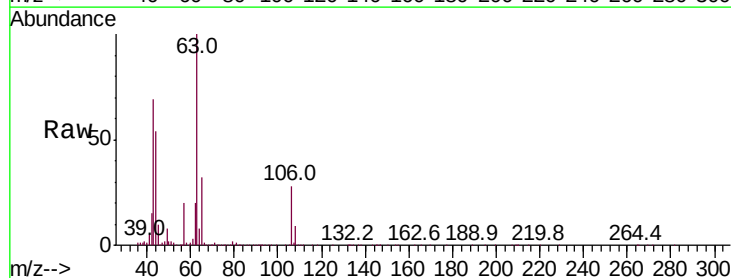
Acq: 04 Aug 2020 20:46

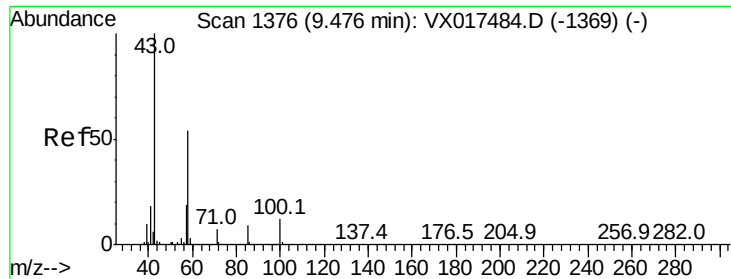
Tgt Ion: 63 Resp: 1111173

Ion Ratio Lower Upper

63 100

106 28.5 22.6 34.0

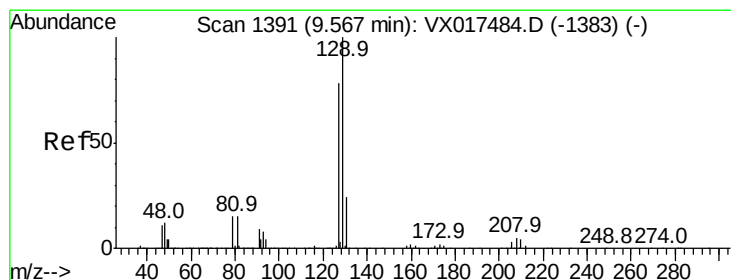
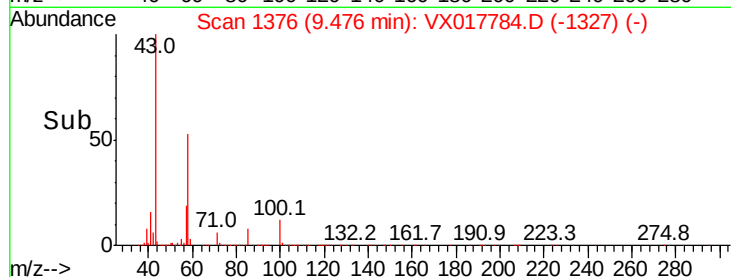
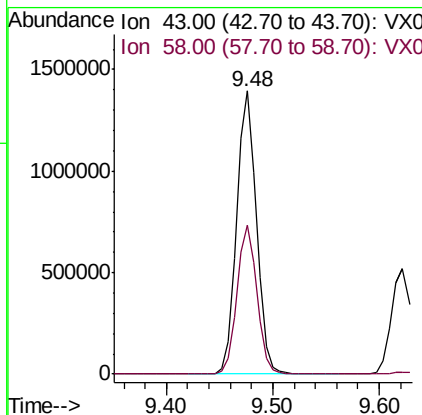
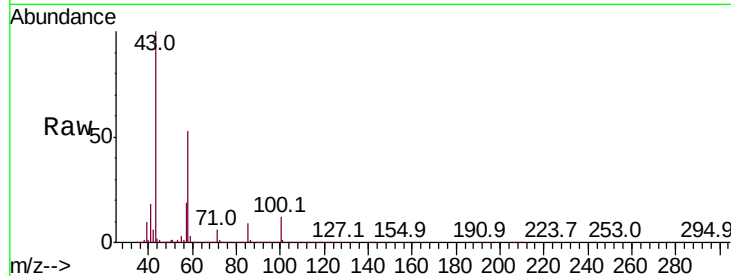




#59
2-Hexanone
Concen: 294.533 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

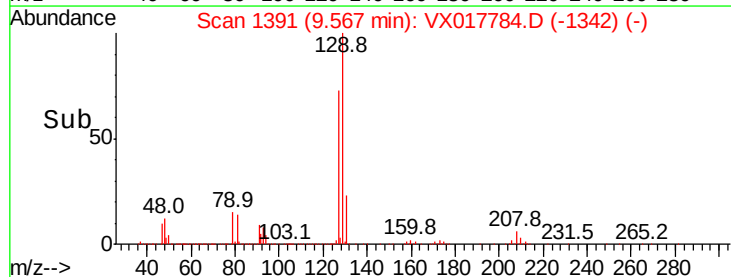
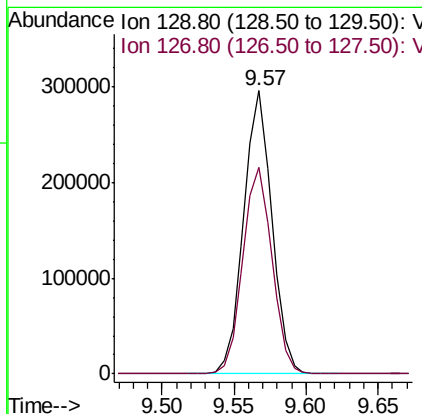
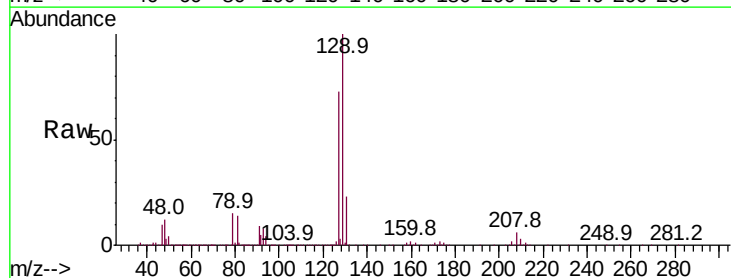
Instrument :
MSVOA_X
ClientSampleId :

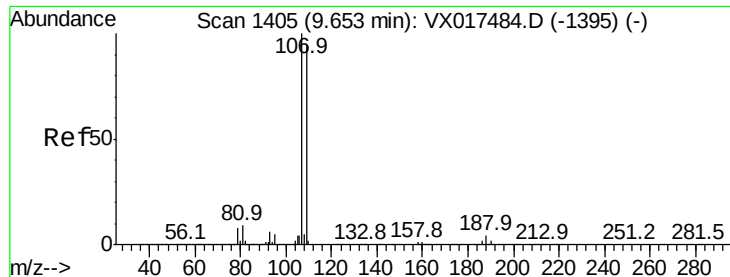
Tot Ion: 43 Resp: 1828117
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.8



#60
Dibromochloromethane
Concen: 54.006 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 129 Resp: 402388
Ion Ratio Lower Upper
129 100
127 75.0 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.586 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

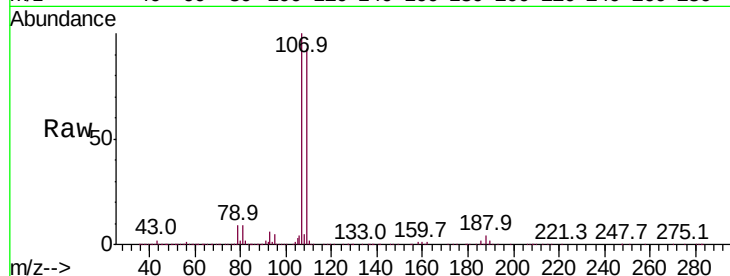
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:107 Resp: 340675

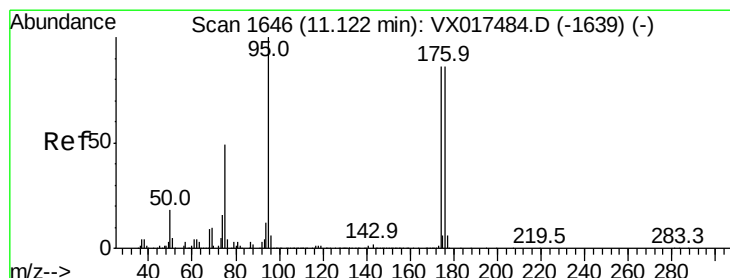
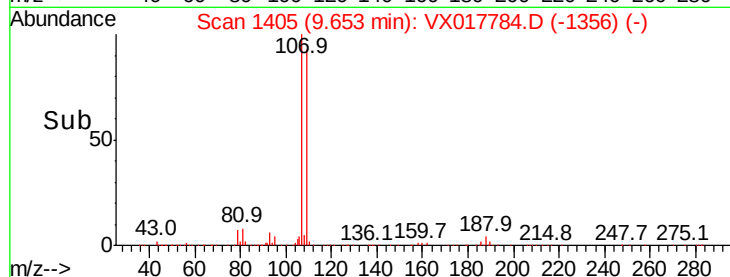
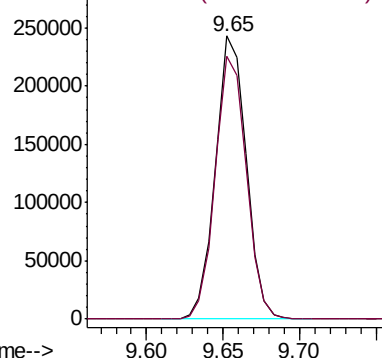
Ion Ratio Lower Upper

107 100

109 94.1 74.9 112.3



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



#62

4-Bromofluorobenzene

Concen: 52.595 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

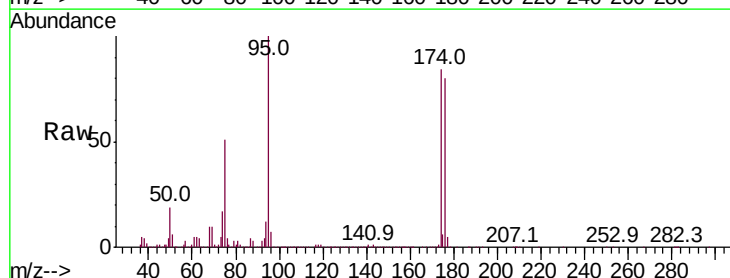
Tgt Ion: 95 Resp: 405261

Ion Ratio Lower Upper

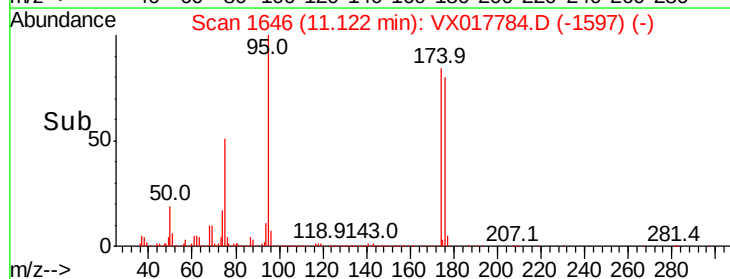
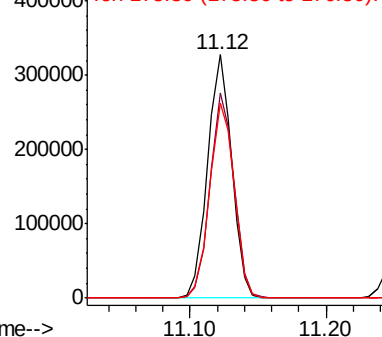
95 100

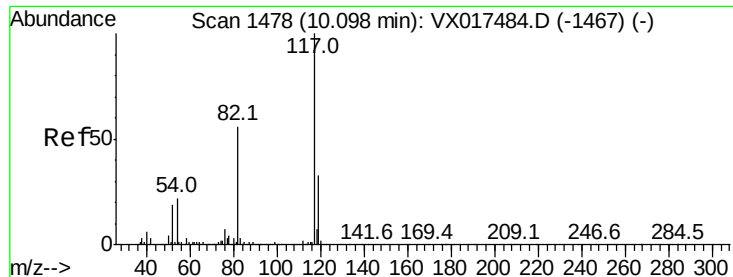
174 83.8 0.0 169.0

176 81.6 0.0 161.0



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

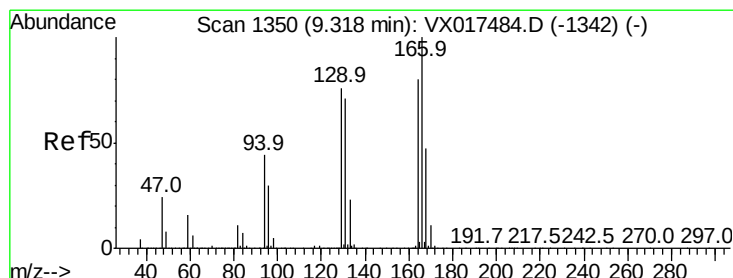
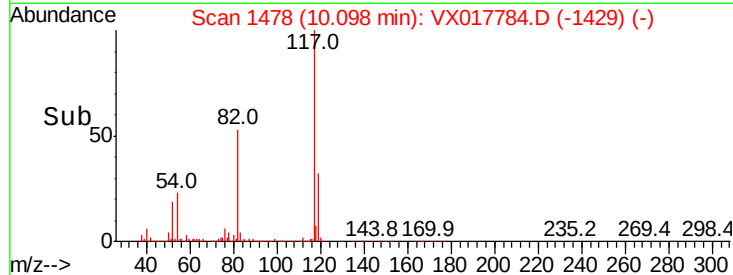
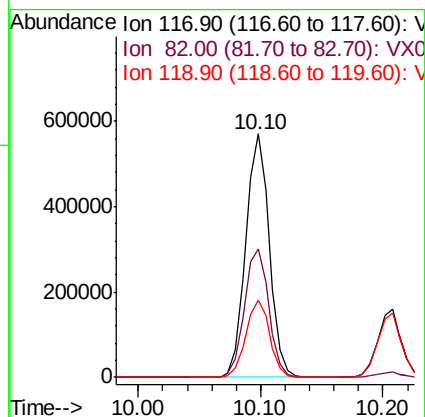
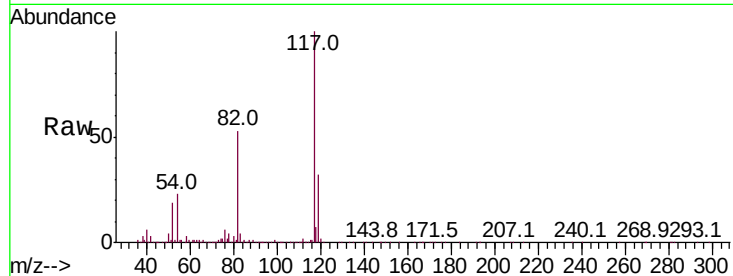




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

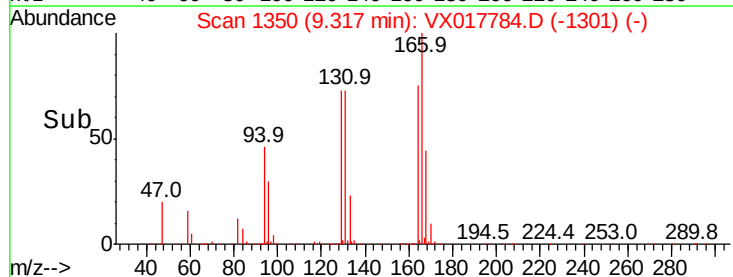
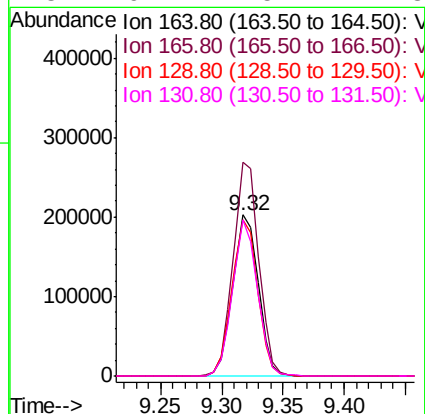
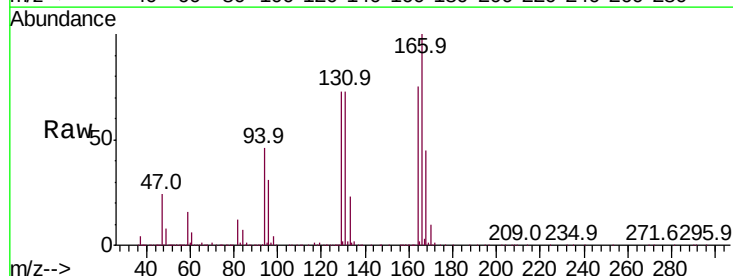
Instrument :
MSVOA_X
ClientSampleId :

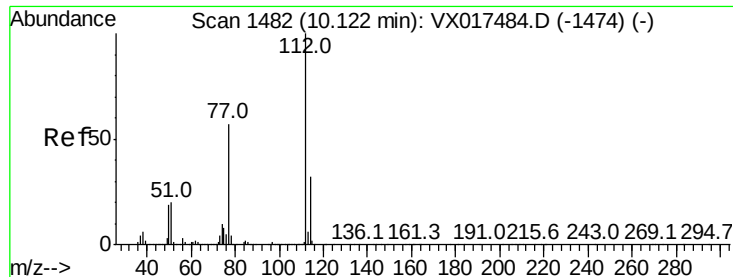
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.0	66.0
119	31.8	25.4	38.0



#64
Tetrachloroethene
Concen: 42.957 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.7	100.6	150.8
129	96.7	75.0	112.6
131	97.2	75.2	112.8

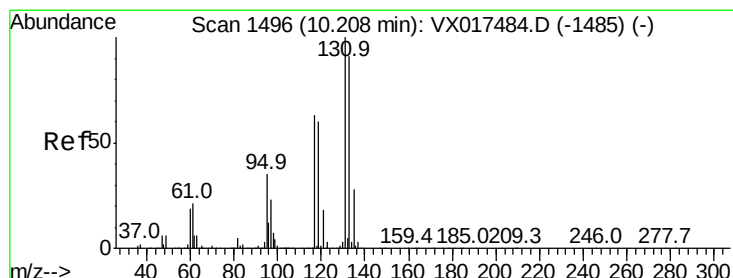
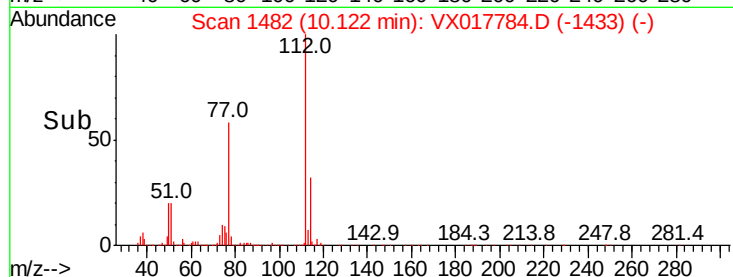
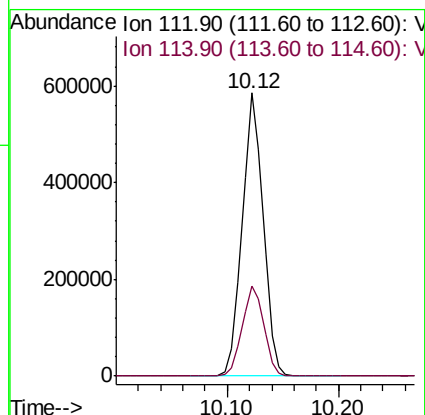
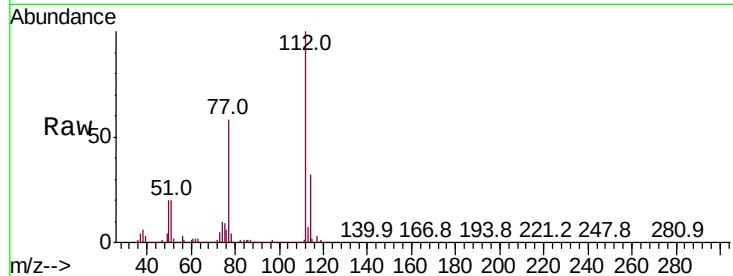




#65
Chlorobenzene
Concen: 46.553 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

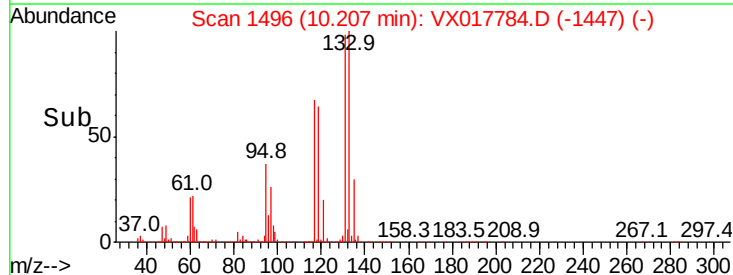
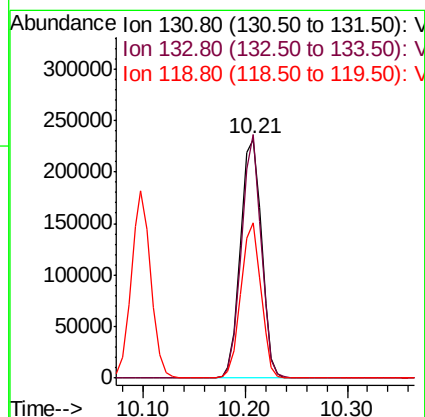
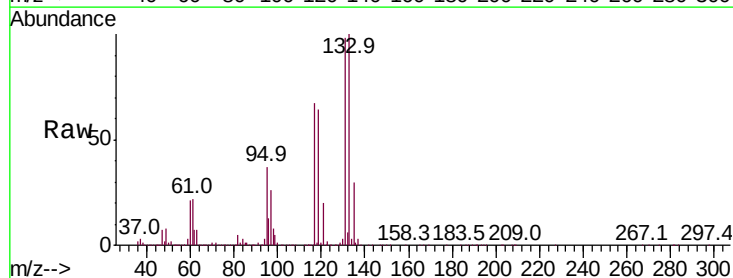
Instrument :
MSVOA_X
ClientSampleId :

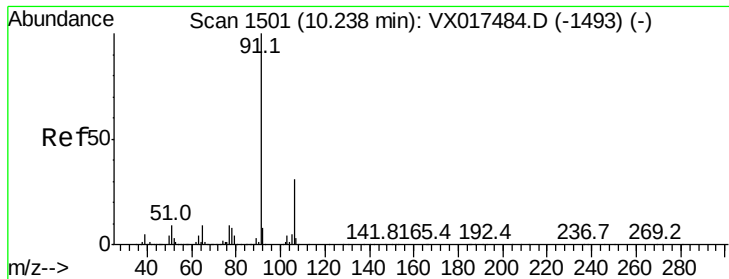
Tot Ion:112 Resp: 766196
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.476 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion:131 Resp: 328642
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.6
119 62.4 31.1 93.3

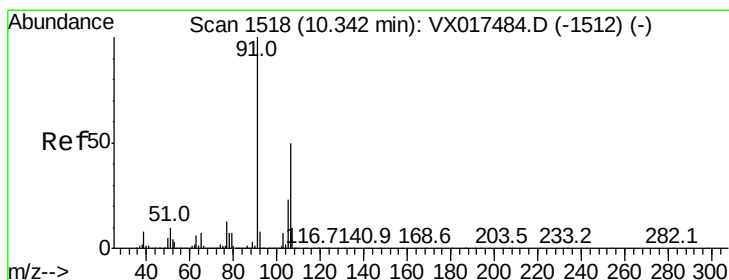
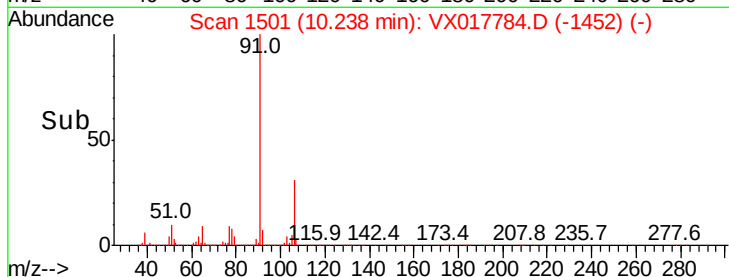
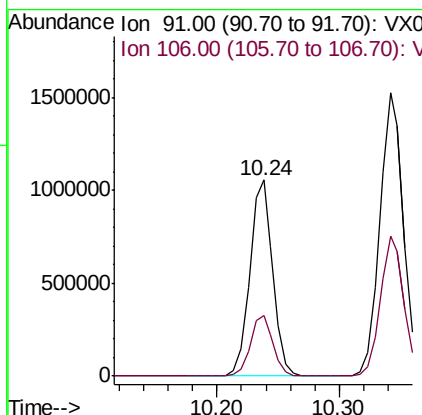
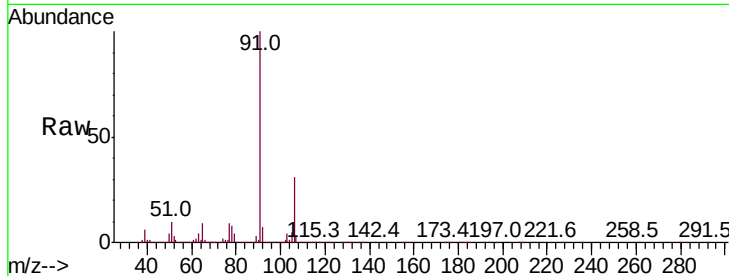




#67
Ethyl Benzene
Concen: 49.735 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

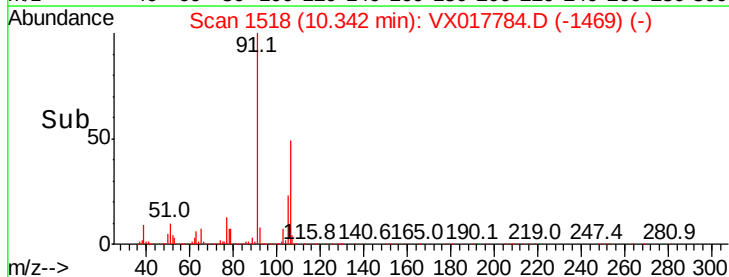
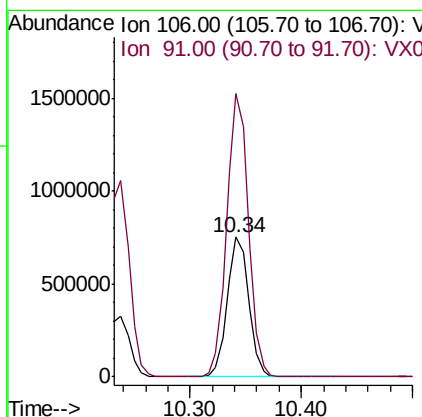
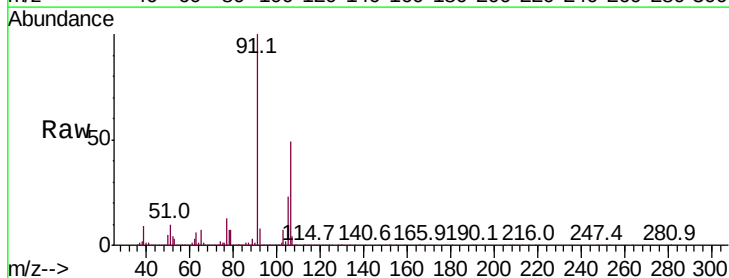
Instrument :
MSVOA_X
ClientSampleId :

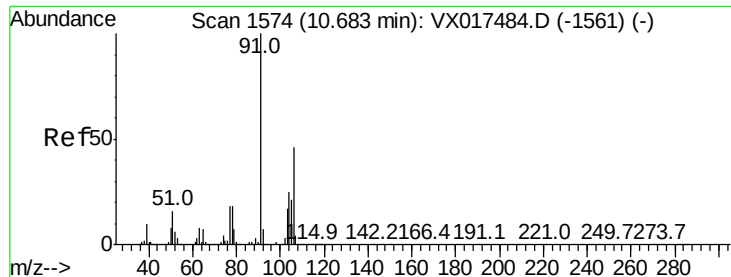
Tot Ion: 91 Resp: 1366407
Ion Ratio Lower Upper
91 100
106 31.0 25.8 38.6



#68
m/p-Xylenes
Concen: 94.773 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 106 Resp: 1008690
Ion Ratio Lower Upper
106 100
91 203.2 160.9 241.3

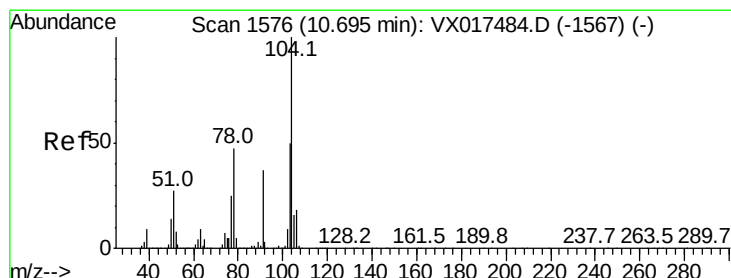
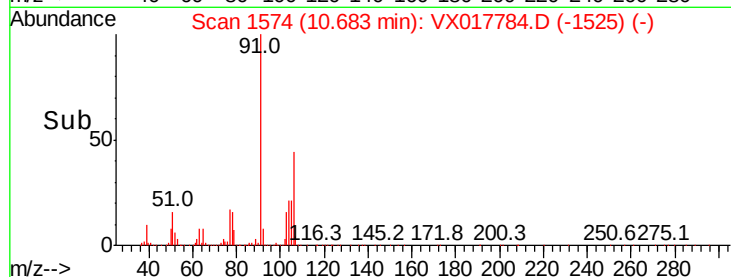
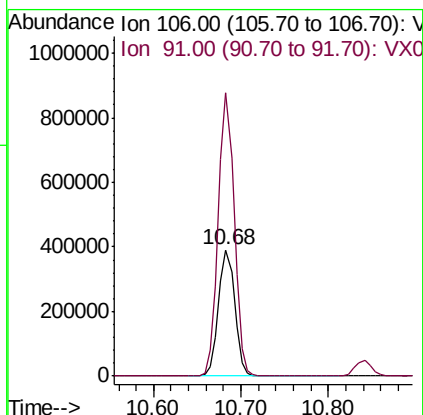
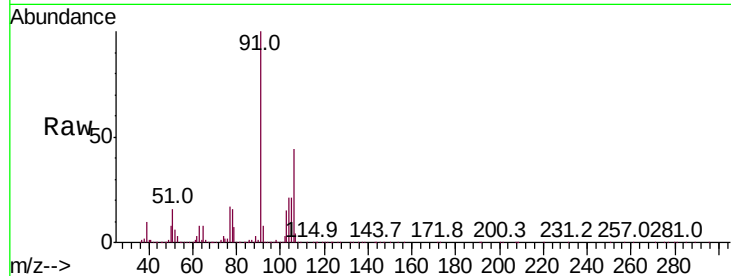




#69
o-Xylene
Concen: 49.171 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

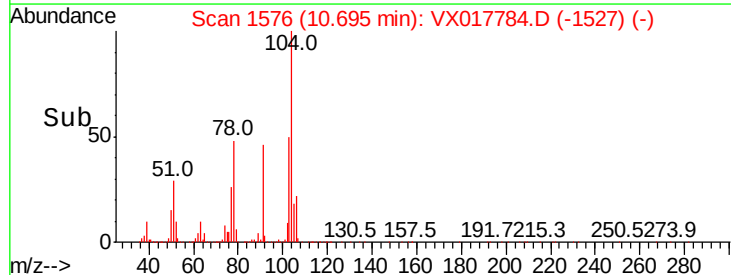
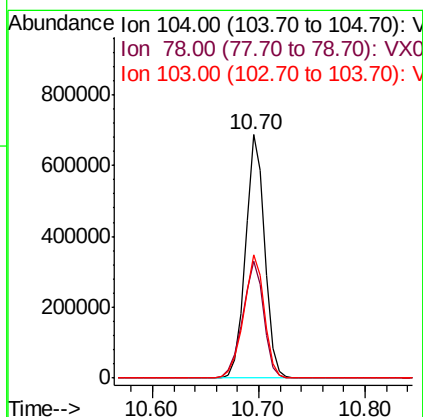
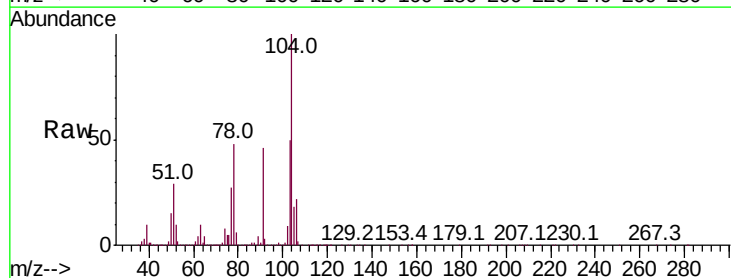
Instrument :
MSVOA_X
ClientSampleId :

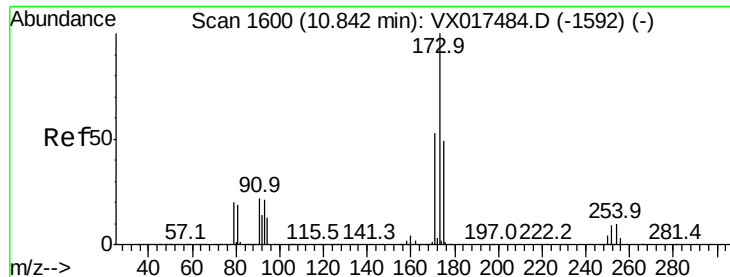
Tot Ion:106 Resp: 503341
Ion Ratio Lower Upper
106 100
91 219.5 108.2 324.6



#70
Styrene
Concen: 49.817 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion:104 Resp: 867636
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 55.0 44.3 66.5





#71

Bromoform

Concen: 50.868 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

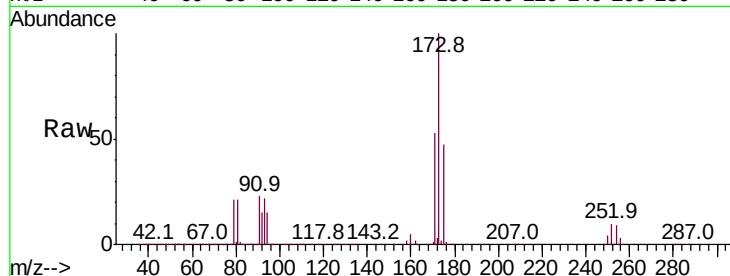
Tot Ion:173 Resp: 292739

Ion Ratio Lower Upper

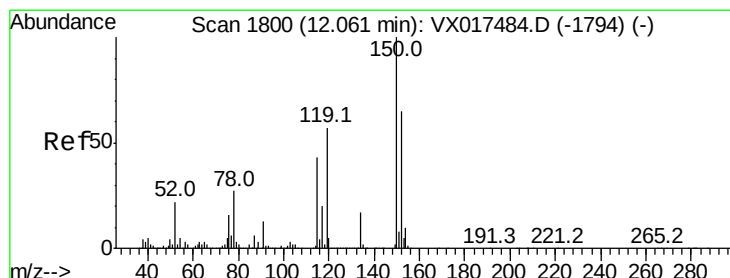
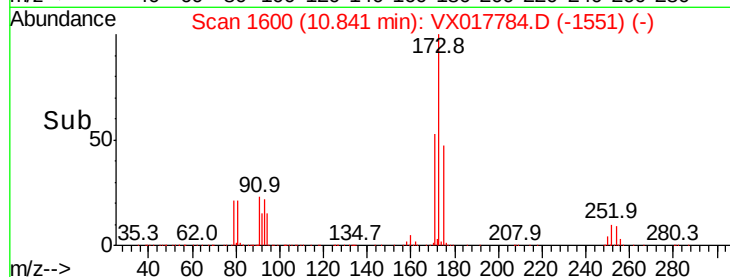
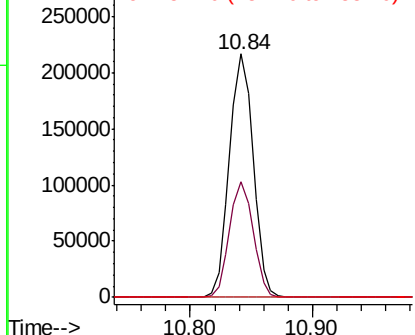
173 100

175 47.0 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: VX017784.D

Acq: 04 Aug 2020 20:46

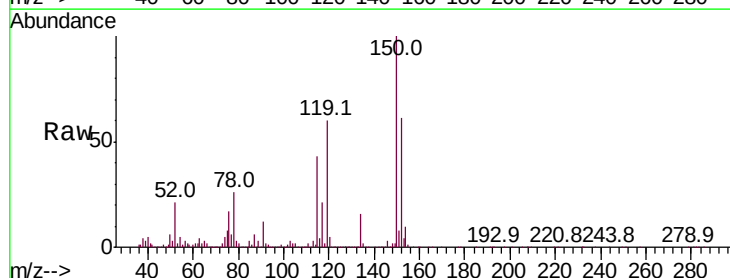
Tgt Ion:152 Resp: 411453

Ion Ratio Lower Upper

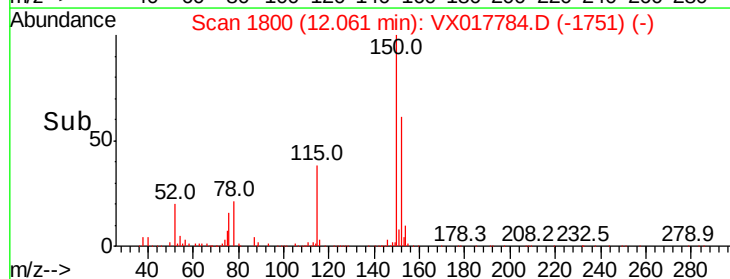
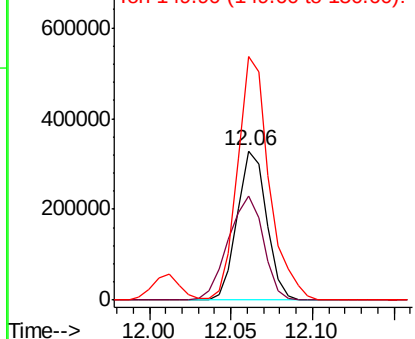
152 100

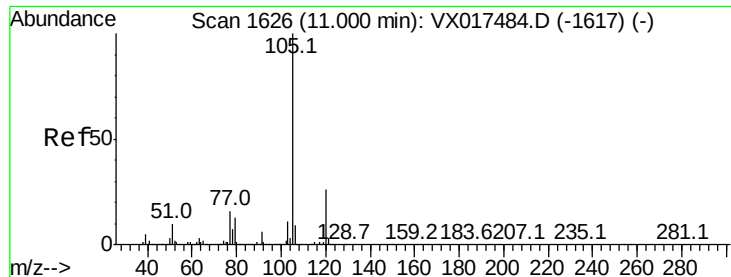
115 83.9 65.5 196.6

150 176.1 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: 51.199 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

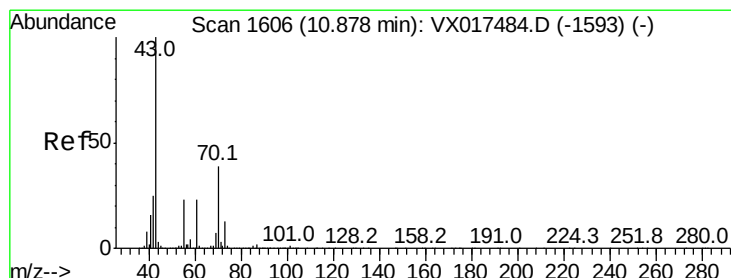
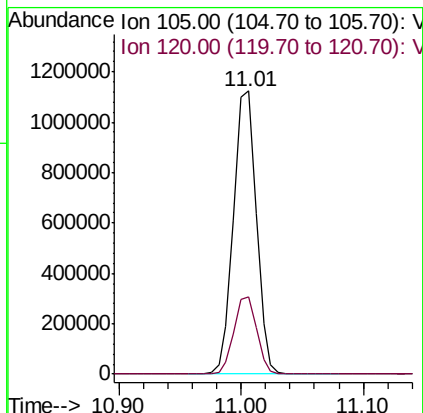
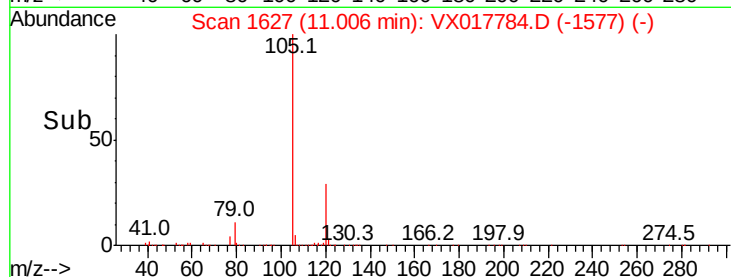
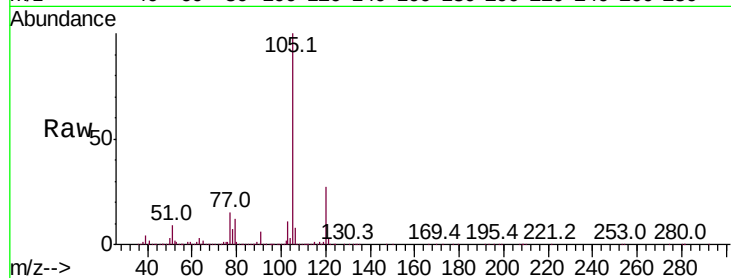
ClientSampleId :

Tot Ion:105 Resp: 1445171

Ion Ratio Lower Upper

105 100

120 27.4 13.3 39.8



#74

N-ethyl acetate

Concen: 52.249 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Tgt Ion: 43 Resp: 655262

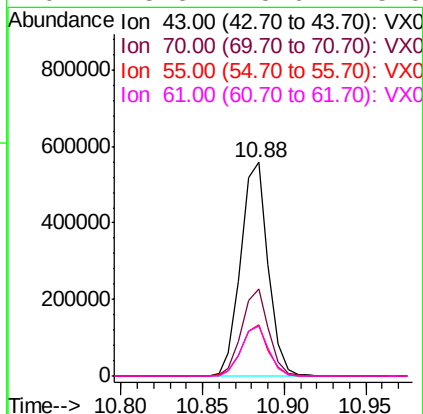
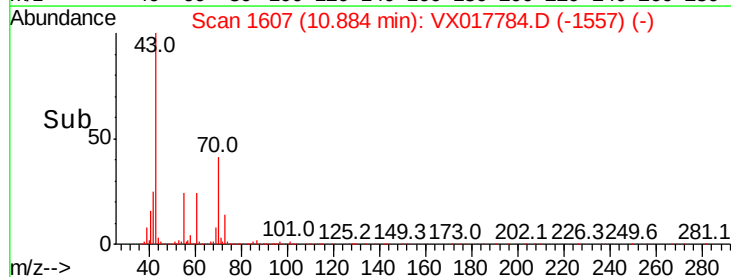
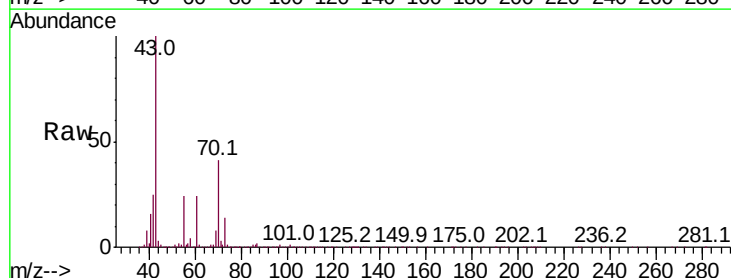
Ion Ratio Lower Upper

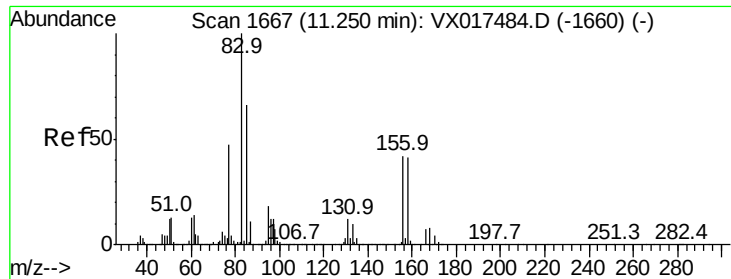
43 100

70 40.1 32.3 48.5

55 23.5 18.4 27.6

61 23.3 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.643 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

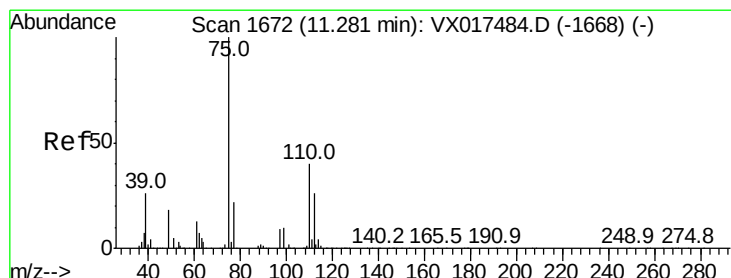
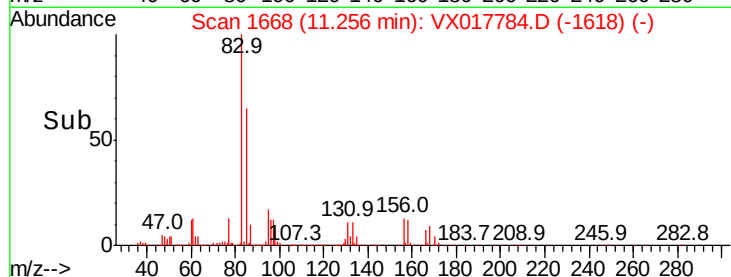
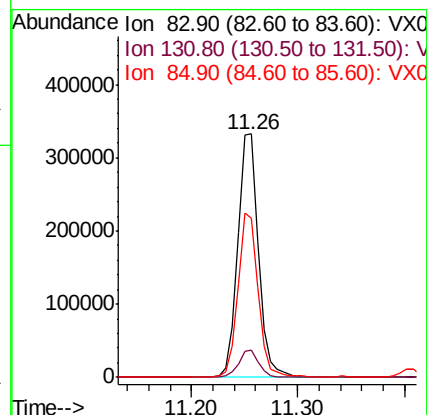
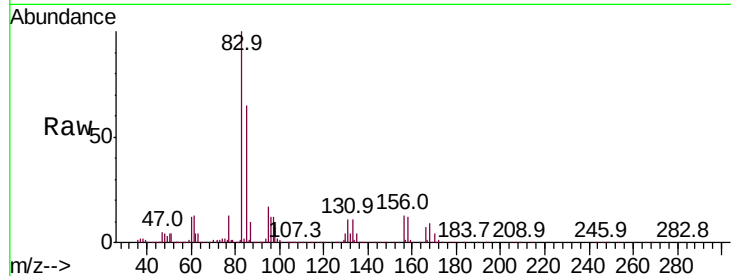
Tot Ion: 83 Resp: 454995

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.5

85 65.9 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 65.102 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017784.D

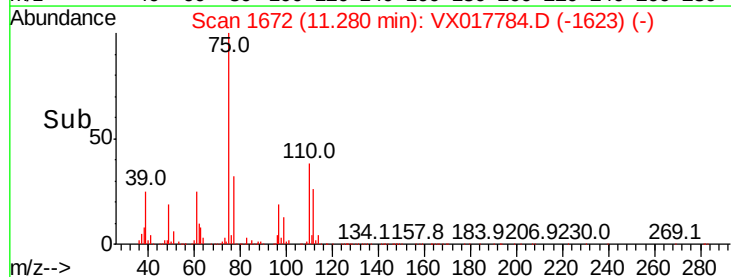
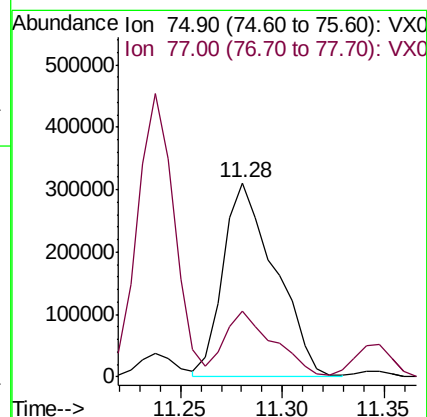
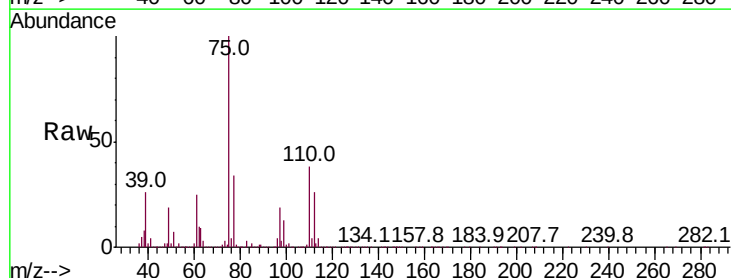
Acq: 04 Aug 2020 20:46

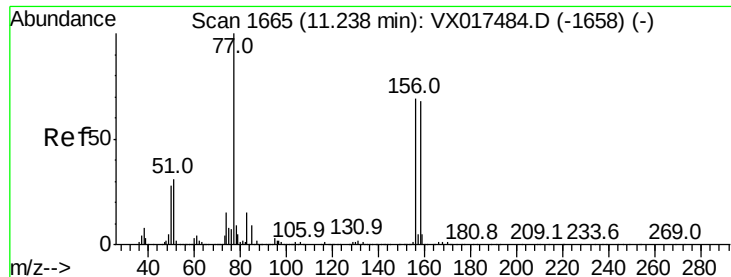
Tgt Ion: 75 Resp: 551008

Ion Ratio Lower Upper

75 100

77 32.1 21.8 65.3





#77

Bromobenzene

Concen: 46.773 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

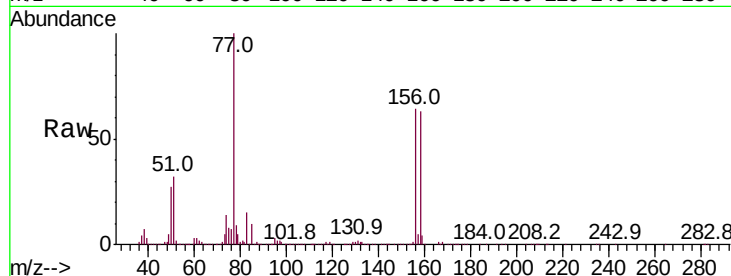
Tot Ion:156 Resp: 369604

Ion Ratio Lower Upper

156 100

77 154.0 75.0 225.0

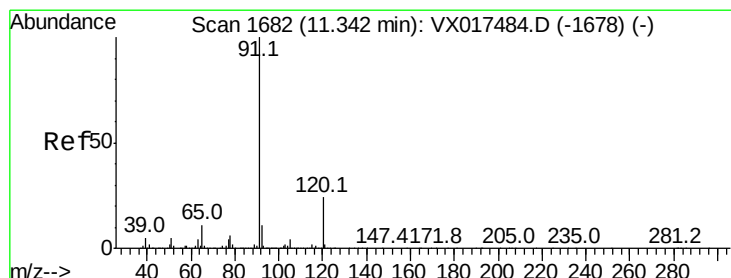
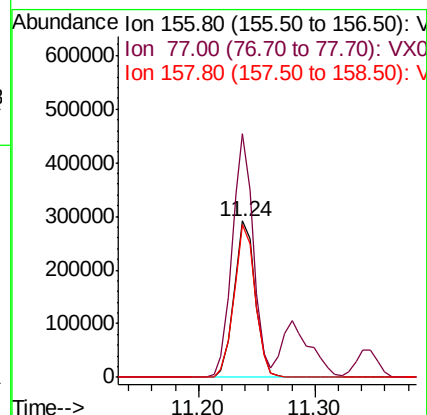
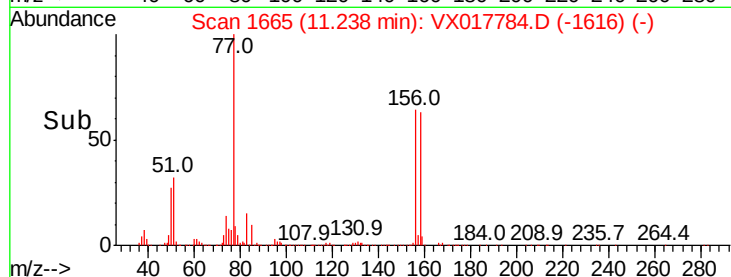
158 96.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.472 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017784.D

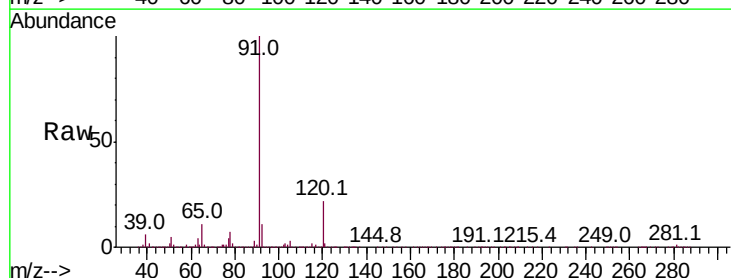
Acq: 04 Aug 2020 20:46

Tgt Ion: 91 Resp: 1606785

Ion Ratio Lower Upper

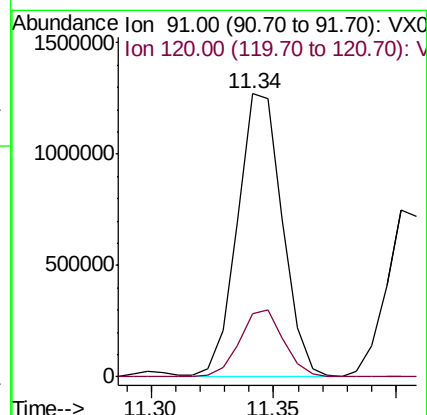
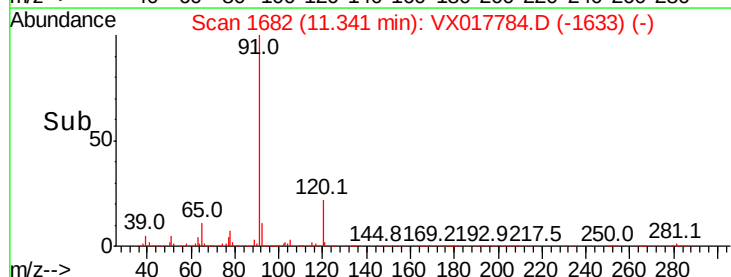
91 100

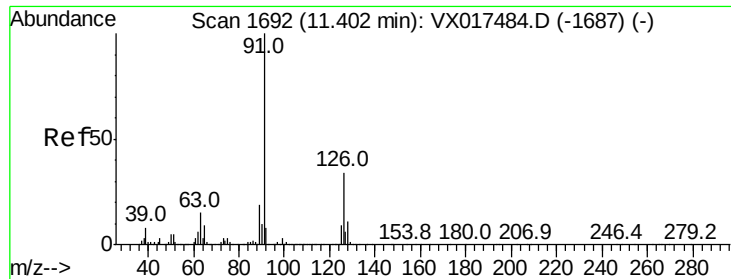
120 23.4 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

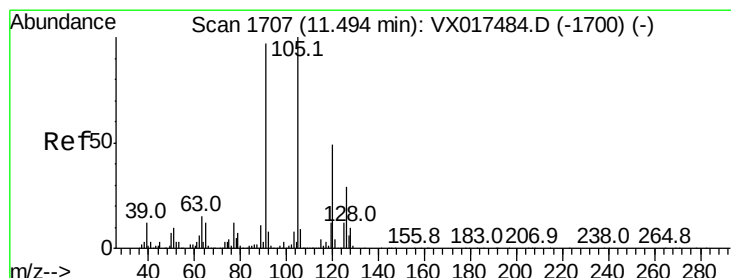
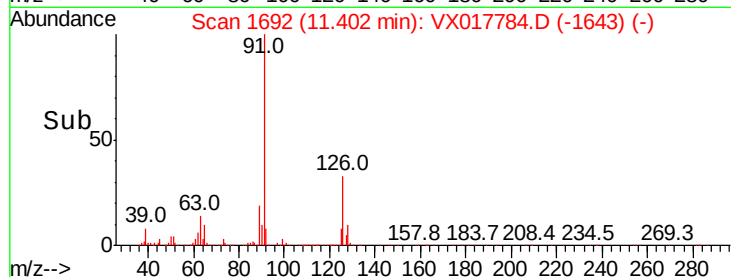
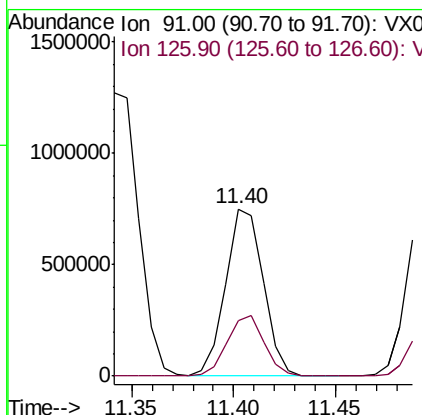
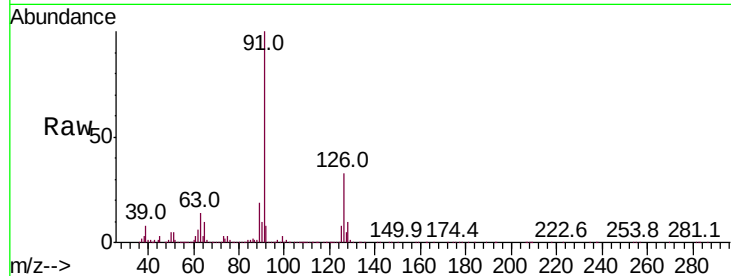




#79
2-Chlorotoluene
Concen: 48.374 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

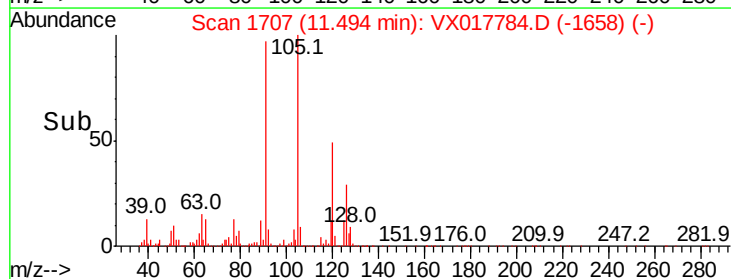
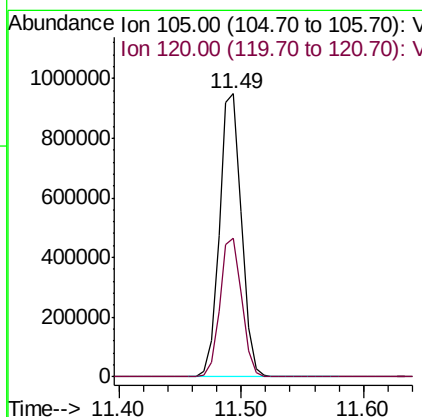
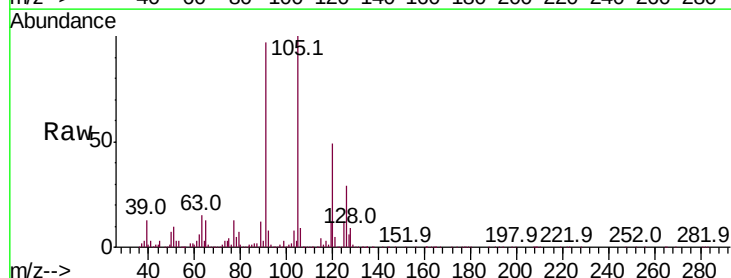
Instrument :
MSVOA_X
ClientSampled :

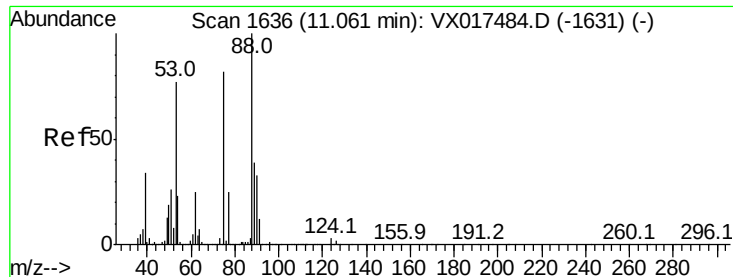
Tot Ion: 91 Resp: 953950
Ion Ratio Lower Upper
91 100
126 35.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 49.131 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 105 Resp: 1184047
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.682 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampleId :

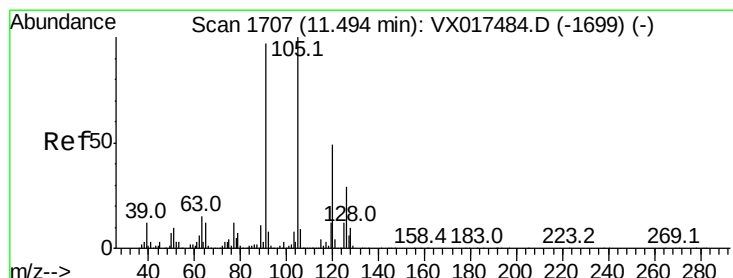
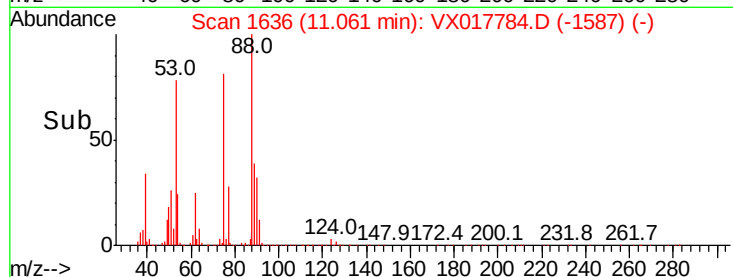
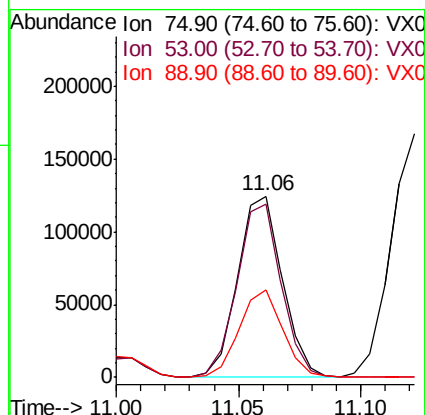
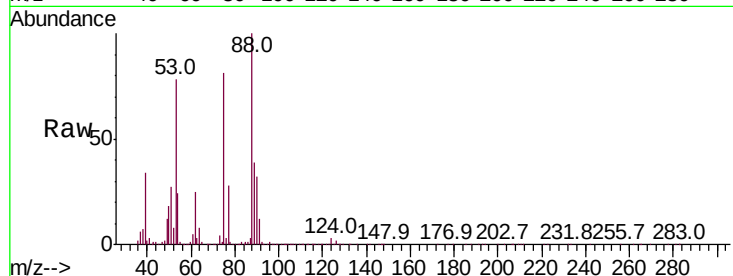
Tot Ion: 75 Resp: 156801

Ion Ratio Lower Upper

75 100

53 95.5 75.9 113.9

89 47.2 37.8 56.6



#82

4-Chlorotoluene

Concen: 48.609 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017784.D

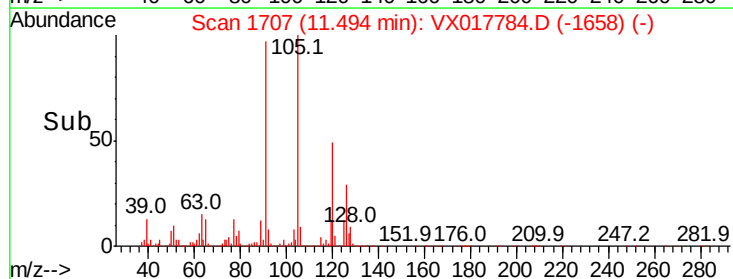
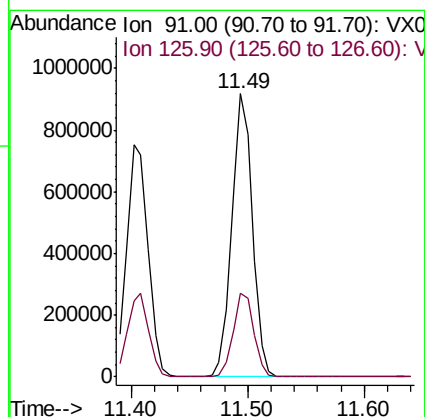
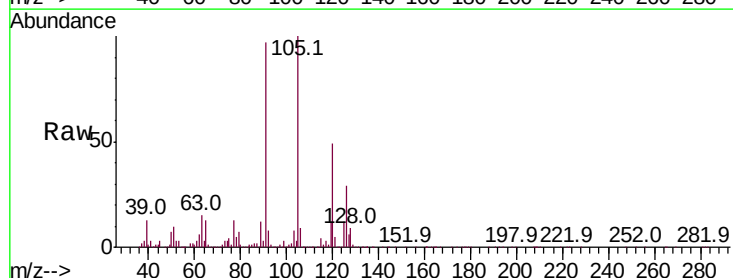
Acq: 04 Aug 2020 20:46

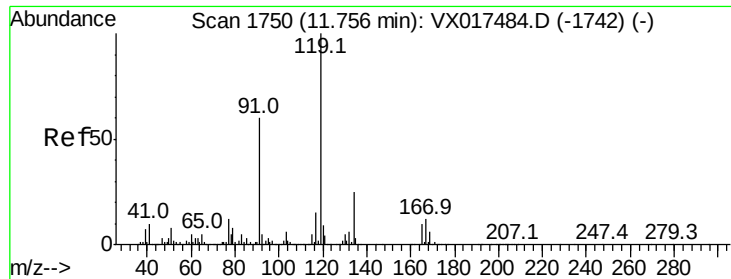
Tgt Ion: 91 Resp: 1130763

Ion Ratio Lower Upper

91 100

126 29.8 15.2 45.6



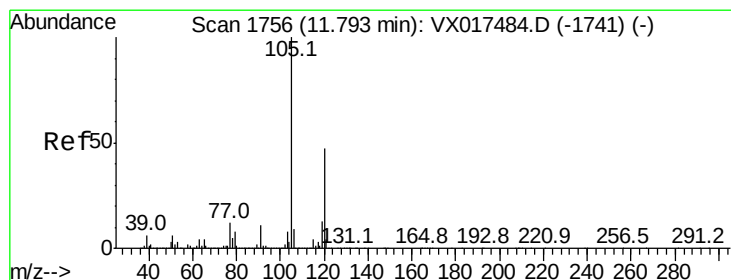
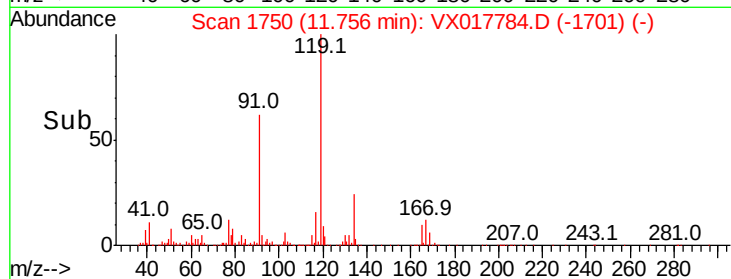
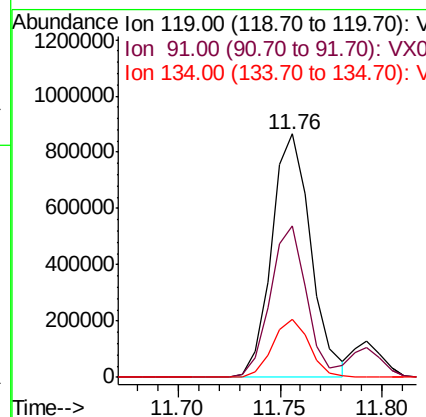
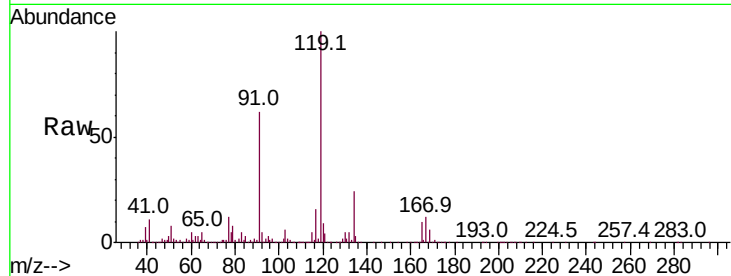


#83
 tert-Butylbenzene
 Concen: 50.223 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:119 Resp: 1158165

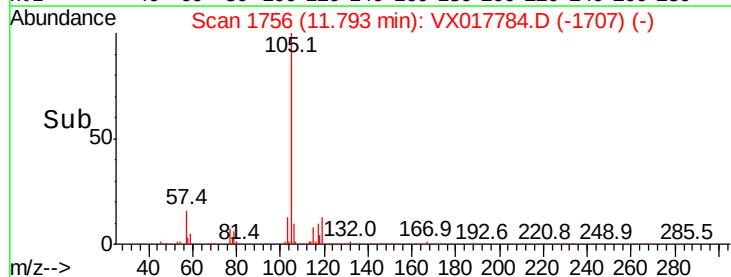
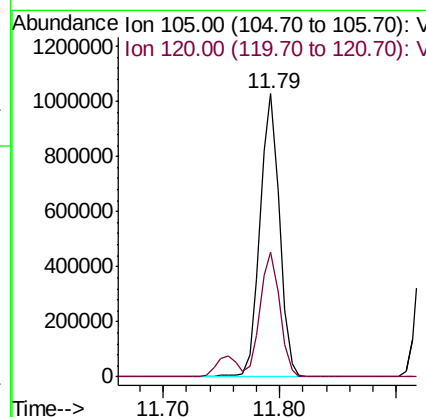
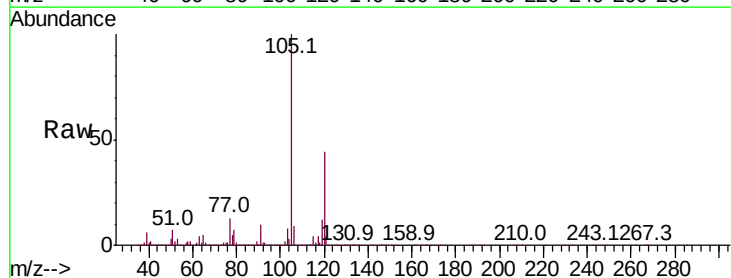
Ion	Ratio	Lower	Upper
119	100		
91	57.2	29.3	88.0
134	22.4	11.2	33.6

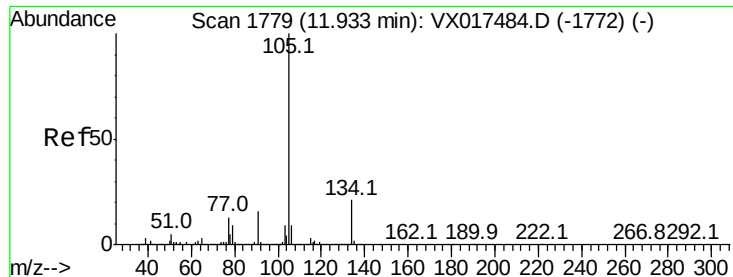


#84
 1,2,4-Trimethylbenzene
 Concen: 50.293 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Tgt Ion:105 Resp: 1205542

Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.7	68.0

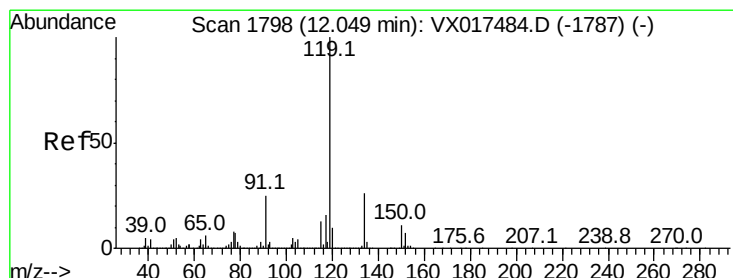
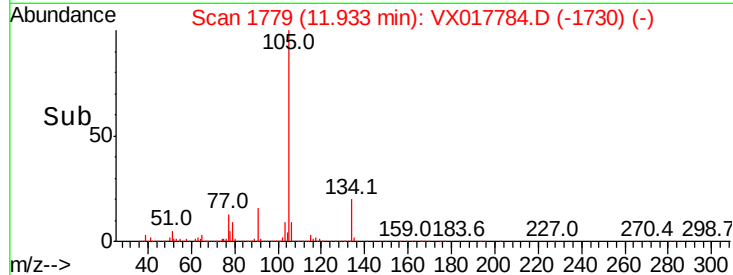
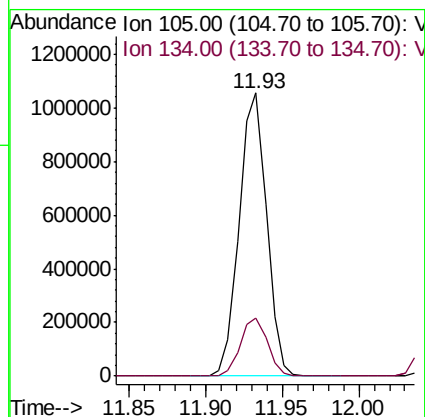
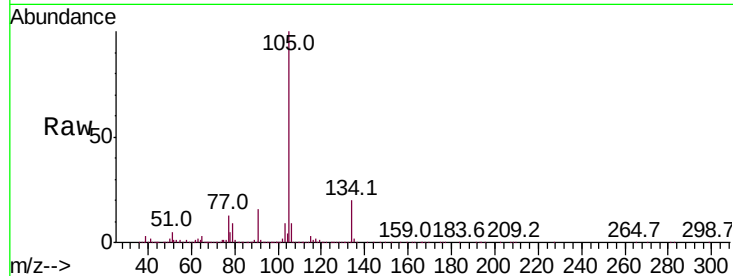




#85
 sec-Butylbenzene
 Concen: 48.715 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

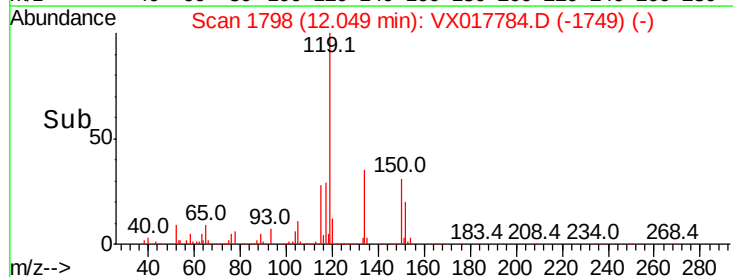
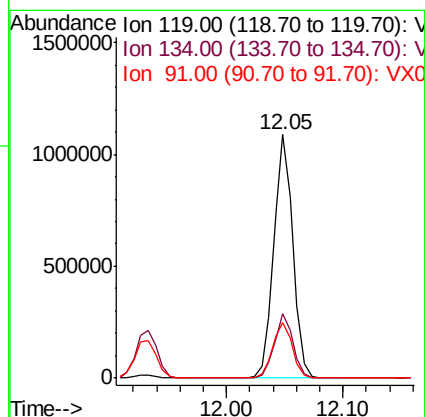
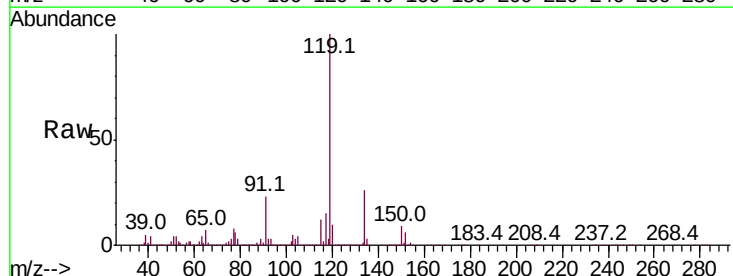
Instrument :
 MSVOA_X
 ClientSampled :

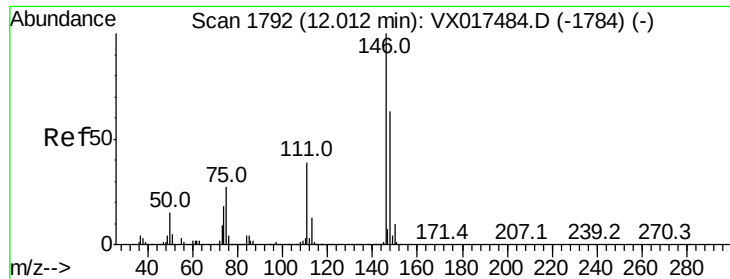
Tot Ion:105 Resp: 1308664
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 48.392 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Tgt Ion:119 Resp: 1237971
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.3
 91 23.6 12.1 36.3

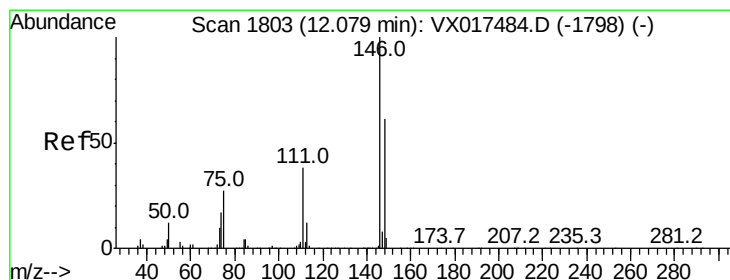
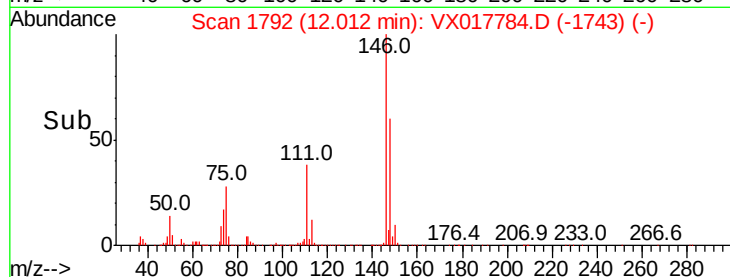
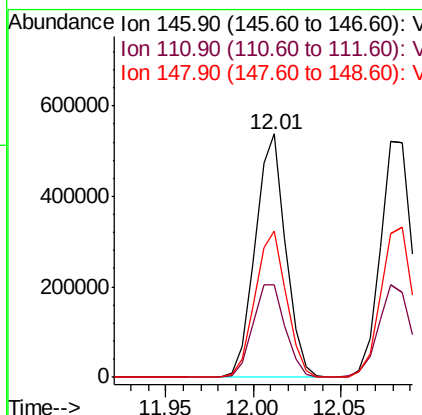
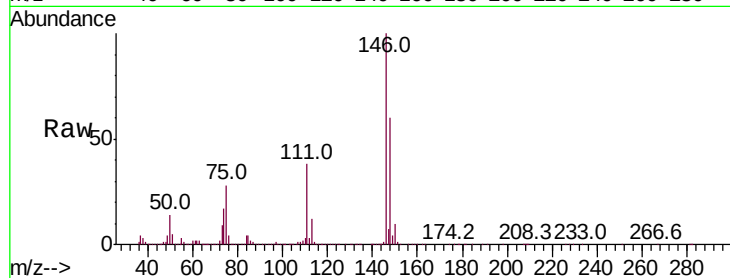




#87
 1,3-Dichlorobenzene
 Concen: 47.890 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

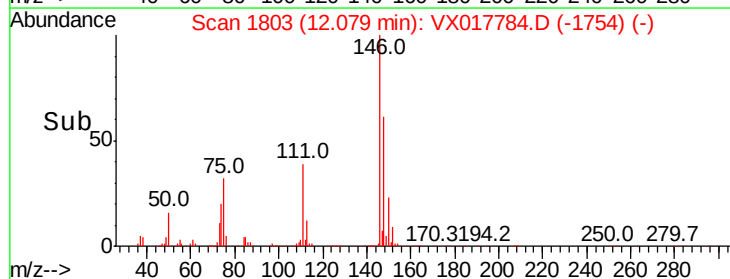
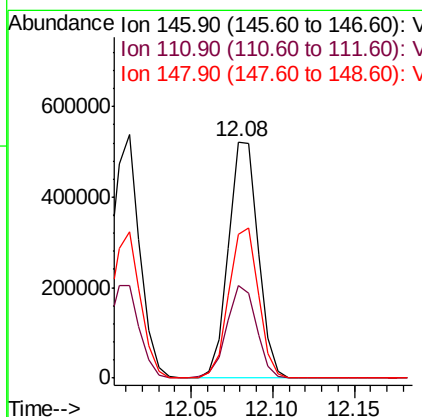
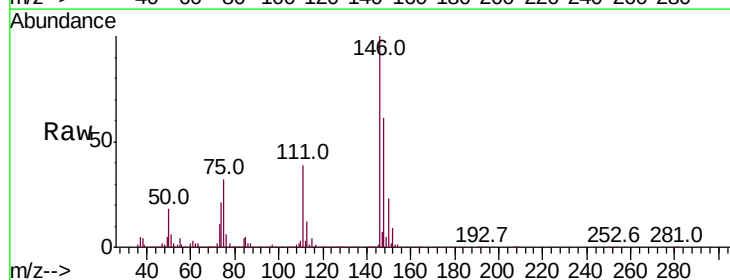
Instrument :
 MSVOA_X
 ClientSampleId :

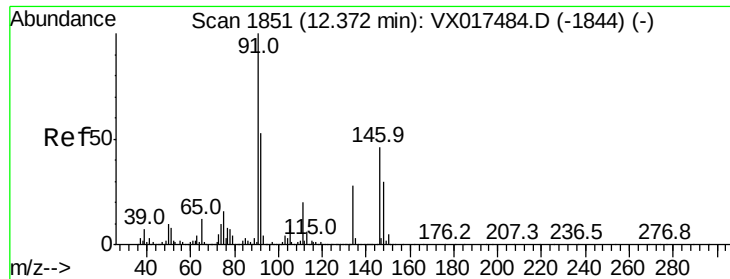
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.7
148	61.8	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 47.027 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	63.5	32.2	96.6

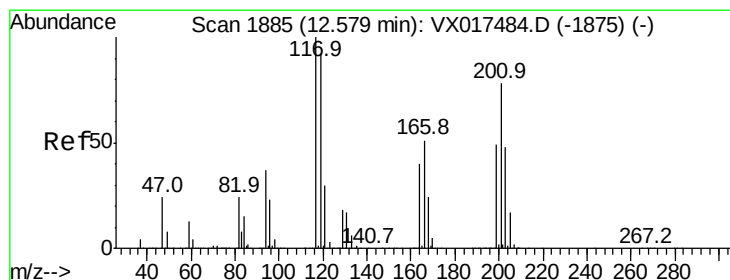
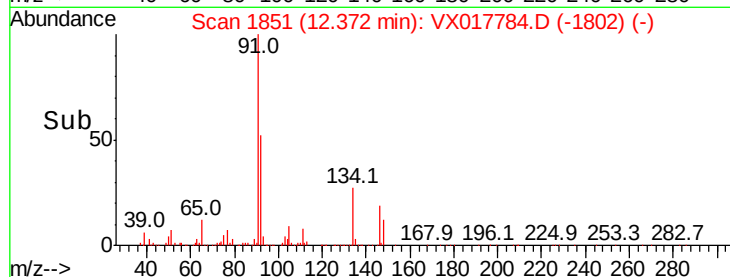
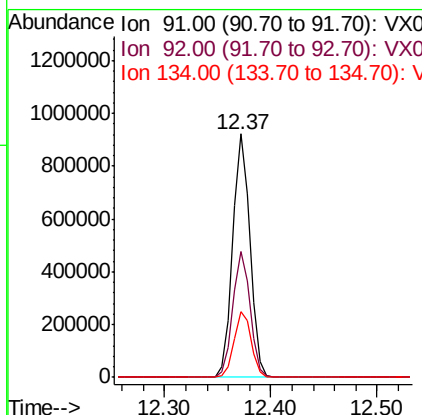
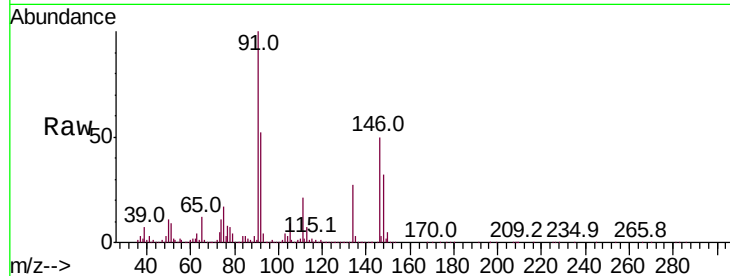




#89
n-Butylbenzene
Concen: 46.379 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

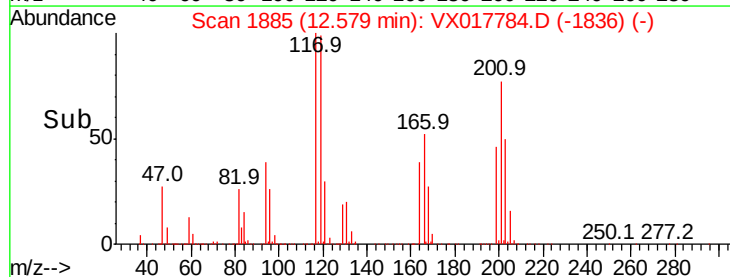
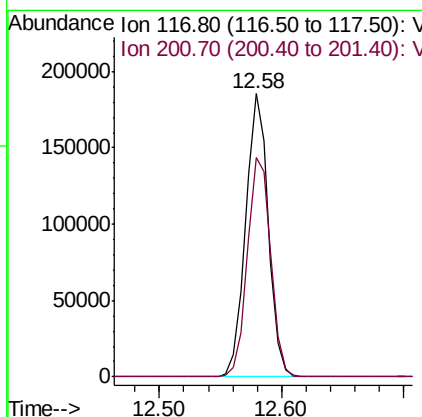
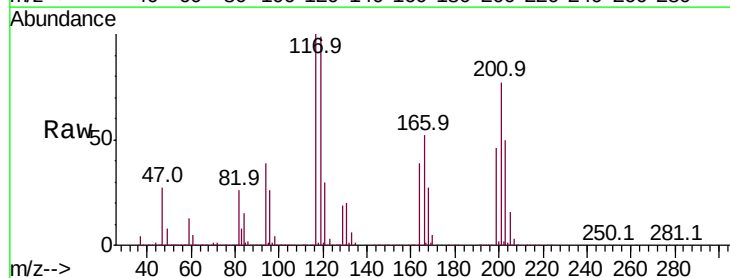
Instrument :
MSVOA_X
ClientSampleId :

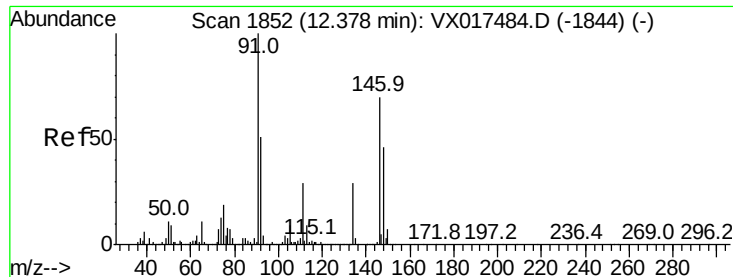
Tot Ion: 91 Resp: 1057216
Ion Ratio Lower Upper
91 100
92 52.1 26.7 80.1
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 47.089 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion: 117 Resp: 237497
Ion Ratio Lower Upper
117 100
201 80.4 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 47.257 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017784.D

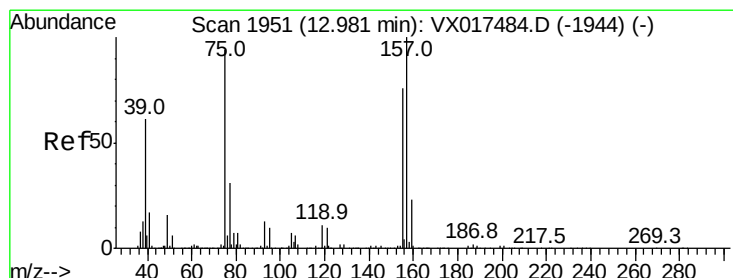
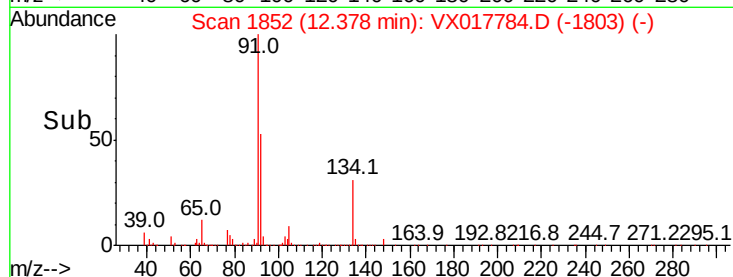
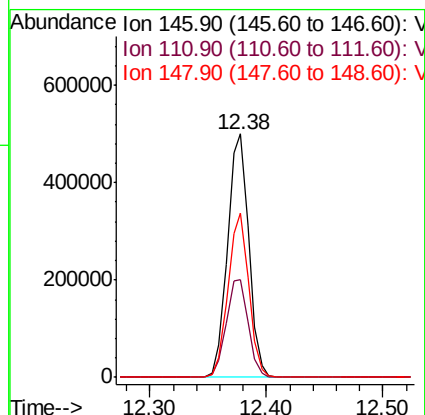
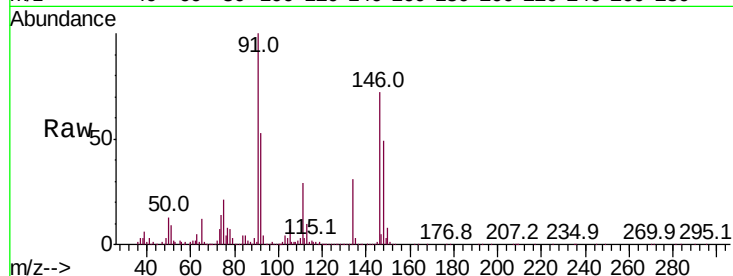
Acq: 04 Aug 2020 20:46

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	630256
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.9	62.8
148	65.5	32.8	98.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.442 ug/l

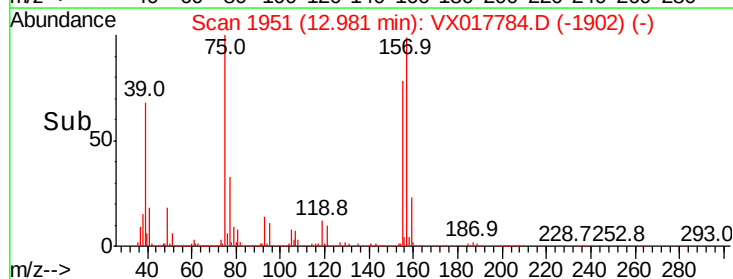
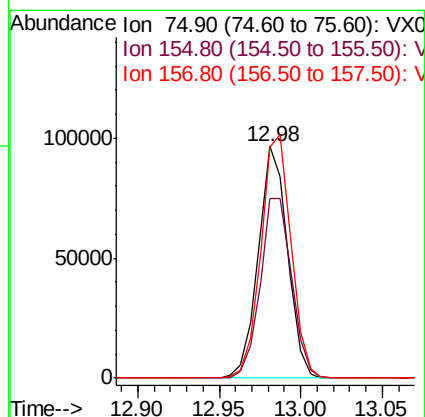
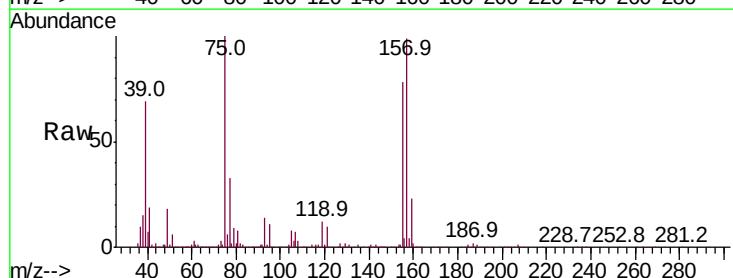
RT: 12.98 min Scan# 1951

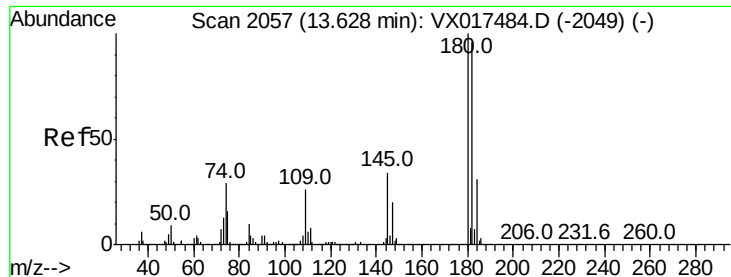
Delta R.T. 0.00 min

Lab File: VX017784.D

Acq: 04 Aug 2020 20:46

Tgt Ion:	75	Resp:	120486
Ion	Ratio	Lower	Upper
75	100		
155	83.2	42.3	126.8
157	107.4	54.3	162.9

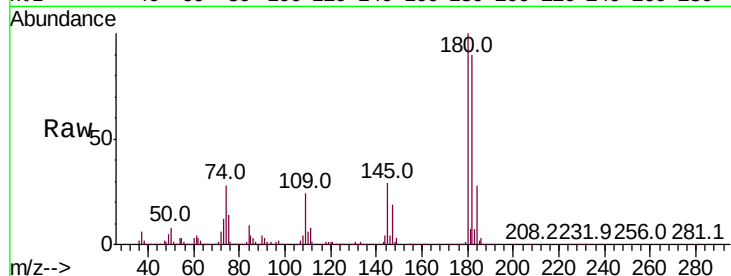




#93
 1,2,4-Trichlorobenzene
 Concen: 48.931 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.5	142.6
145	30.7	15.4	46.4

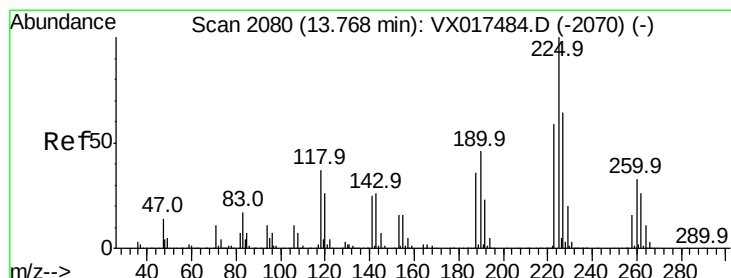
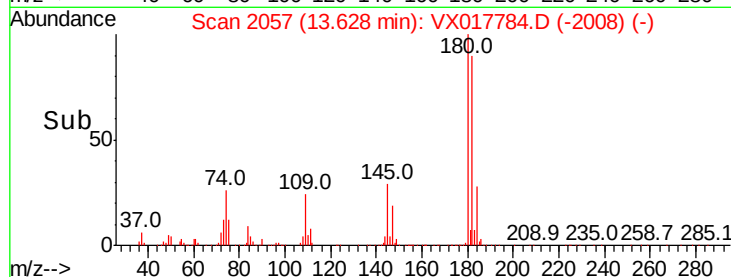
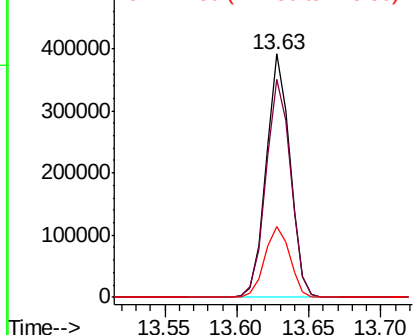


Abundance

Ion 179.80 (179.50 to 180.50): V

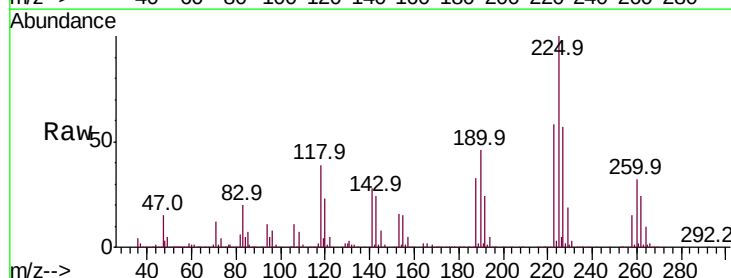
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 41.662 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX017784.D
 Acq: 04 Aug 2020 20:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	30.3	90.9
227	60.5	31.1	93.2

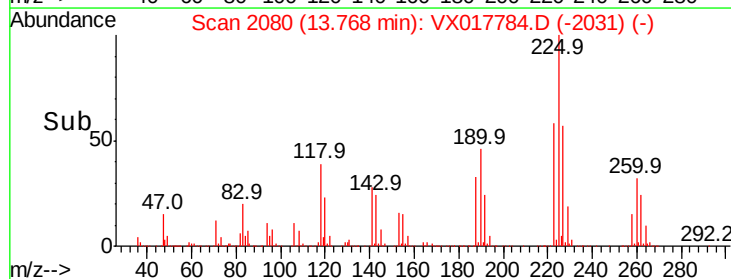
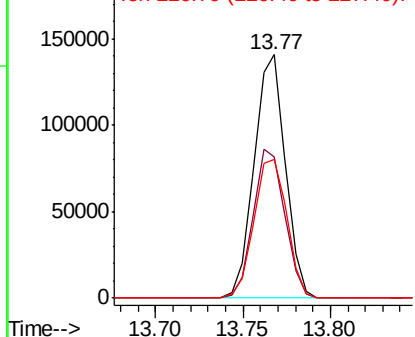


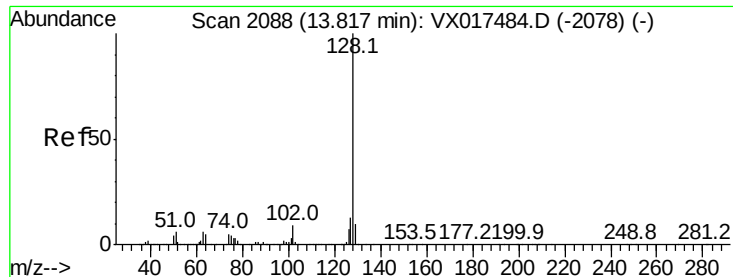
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

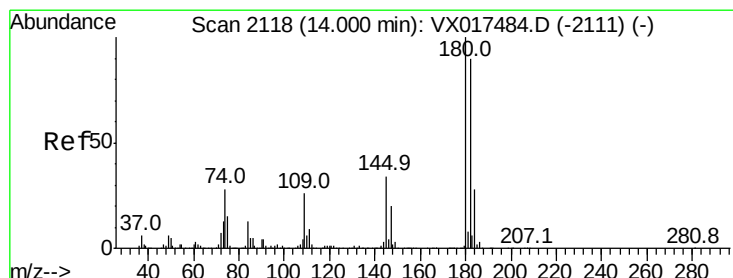
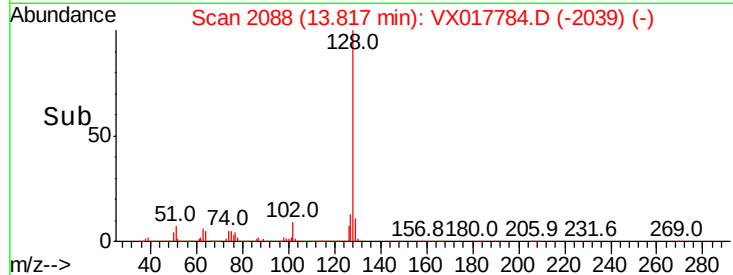
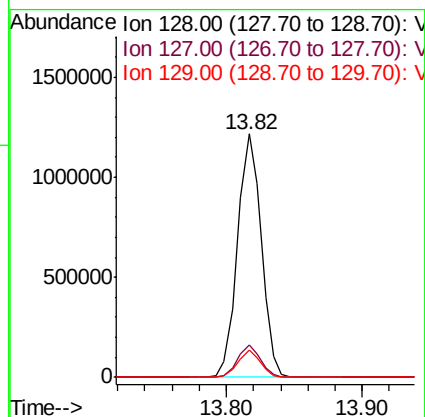
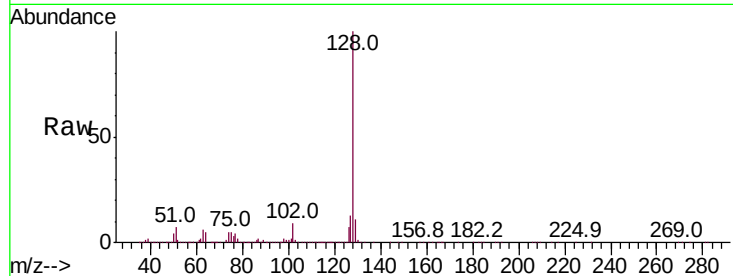




#95
Naphthalene
Concen: 54.364 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1477155
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.310 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017784.D
Acq: 04 Aug 2020 20:46

Tgt Ion:180 Resp: 452152
Ion Ratio Lower Upper
180 100
182 93.0 47.4 142.3
145 32.6 16.3 48.9

