

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
 Data File : VX017588.D
 Acq On : 25 Jul 2020 12:12
 Operator : JC/SP
 Sample : VX0724WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 01:12:01 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	517638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	813308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	784698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	393661	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	378466	56.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.84%	
35) Dibromofluoromethane	5.47	113	296997	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
50) Toluene-d8	8.70	98	967713	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.12	95	366220	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	102167	20.677	ug/l	98
3) Chloromethane	1.31	50	123711	19.559	ug/l	99
4) Vinyl Chloride	1.39	62	122516	18.809	ug/l	97
5) Bromomethane	1.63	94	90073	24.153	ug/l	99
6) Chloroethane	1.72	64	76857	20.954	ug/l	97
7) Trichlorofluoromethane	1.92	101	190958	18.638	ug/l	94
8) Diethyl Ether	2.17	74	69826	20.210	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	101352	18.026	ug/l	98
10) Methyl Iodide	2.49	142	111572	15.511	ug/l	97
11) Tert butyl alcohol	3.01	59	157739	112.559	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106369	19.895	ug/l	96
13) Acrolein	2.27	56	75566	73.603	ug/l	97
14) Allyl chloride	2.71	41	185429	18.993	ug/l	100
15) Acrylonitrile	3.12	53	317976	105.052	ug/l	99
16) Acetone	2.42	43	316589	108.177	ug/l	99
17) Carbon Disulfide	2.55	76	291515	17.938	ug/l	98
18) Methyl Acetate	2.75	43	147244	21.363	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	376182	20.328	ug/l	99
20) Methylene Chloride	2.84	84	124003	21.773	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	111910	19.538	ug/l	95
22) Diisopropyl ether	3.82	45	368594	20.648	ug/l #	85
23) Vinyl Acetate	3.79	43	1646633	103.455	ug/l	99
24) 1,1-Dichloroethane	3.67	63	211019	20.521	ug/l	98
25) 2-Butanone	4.64	43	469845	113.011	ug/l	100
26) 2,2-Dichloropropane	4.55	77	100332	10.900	ug/l	93
27) cis-1,2-Dichloroethene	4.57	96	126640	20.356	ug/l	93
28) Bromochloromethane	4.98	49	91382	19.610	ug/l	97
29) Tetrahydrofuran	5.09	42	305390	118.585	ug/l	99
30) Chloroform	5.18	83	215504	20.510	ug/l	92
31) Cyclohexane	5.55	56	164496	20.060	ug/l	93
32) 1,1,1-Trichloroethane	5.47	97	201249	20.312	ug/l	99
36) 1,1-Dichloropropene	5.77	75	148084	18.984	ug/l	99
37) Ethyl Acetate	4.80	43	176149	20.639	ug/l	98
38) Carbon Tetrachloride	5.76	117	177930	18.784	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 27 01:12:01 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)
39) Methylcyclohexane	7.44	83	161600	17.747	ug/l	98
40) Benzene	6.12	78	423571	18.940	ug/l	99
41) Methacrylonitrile	5.00	41	98666	20.169	ug/l	98
42) 1,2-Dichloroethane	6.17	62	184958	20.216	ug/l	98
43) Isopropyl Acetate	6.42	43	272327	19.339	ug/l	99
44) Trichloroethene	7.19	130	129614	19.832	ug/l	98
45) 1,2-Dichloropropane	7.49	63	124831	20.136	ug/l	97
46) Dibromomethane	7.64	93	89342	20.392	ug/l	100
47) Bromodichloromethane	7.87	83	179780	20.393	ug/l	97
48) Methyl methacrylate	7.74	41	145250	20.809	ug/l	96
49) 1,4-Dioxane	7.71	88	65453	489.081	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	862678	102.674	ug/l	99
52) Toluene	8.77	92	264126	18.416	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173640	17.596	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	182981	18.179	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	117798	19.717	ug/l	99
56) Ethyl methacrylate	9.16	69	173251	19.248	ug/l	98
57) 1,3-Dichloropropane	9.35	76	190625	19.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	412200	86.922	ug/l	100
59) 2-Hexanone	9.48	43	664705	105.077	ug/l	99
60) Dibromochloromethane	9.57	129	143795	18.936	ug/l	99
61) 1,2-Dibromoethane	9.65	107	127255	20.006	ug/l	99
64) Tetrachloroethene	9.32	164	131022	18.603	ug/l	96
65) Chlorobenzene	10.12	112	313843	18.478	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	129337	18.868	ug/l	99
67) Ethyl Benzene	10.24	91	530612	18.715	ug/l	99
68) m/p-Xylenes	10.34	106	405278	36.898	ug/l	98
69) o-Xylene	10.68	106	190996	18.080	ug/l	98
70) Styrene	10.70	104	331336	18.435	ug/l	99
71) Bromoform	10.84	173	106479	17.929	ug/l #	98
73) Isopropylbenzene	11.00	105	473710	17.541	ug/l	98
74) N-amyl acetate	10.88	43	229367	19.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	154638	18.345	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	187674	23.176	ug/l	81
77) Bromobenzene	11.24	156	134436	17.782	ug/l	98
78) n-propylbenzene	11.34	91	519802	17.066	ug/l	99
79) 2-Chlorotoluene	11.40	91	324793	17.214	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	402550	17.458	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	47429	14.758	ug/l	93
82) 4-Chlorotoluene	11.49	91	388936	17.475	ug/l	99
83) tert-Butylbenzene	11.76	119	430318	19.504	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	442782	19.307	ug/l	100
85) sec-Butylbenzene	11.93	105	461290	17.948	ug/l	99
86) p-Isopropyltoluene	12.05	119	445654	18.208	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	250286	19.278	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	247448	18.400	ug/l	97
89) n-Butylbenzene	12.37	91	386460	17.720	ug/l	99
90) Hexachloroethane	12.58	117	95144	19.717	ug/l	95
91) 1,2-Dichlorobenzene	12.37	146	241073	18.893	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44778	20.392	ug/l	100

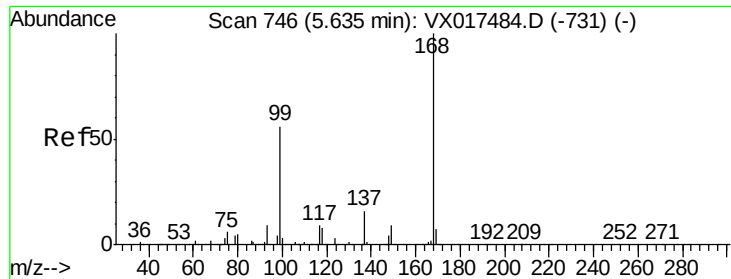
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072420\
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Instrument :
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ClientSampleId :

Quant Time: Jul 27 01:12:01 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)
93) 1,2,4-Trichlorobenzene	13.63	180	170924	19.627	ug/l	99
94) Hexachlorobutadiene	13.76	225	72036	17.970	ug/l	98
95) Naphthalene	13.82	128	537437	20.673	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	167929	19.530	ug/l	100

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

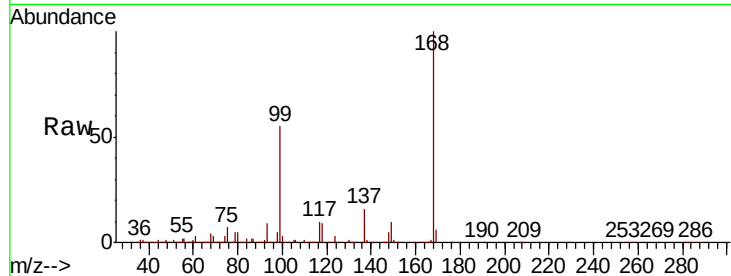


#1

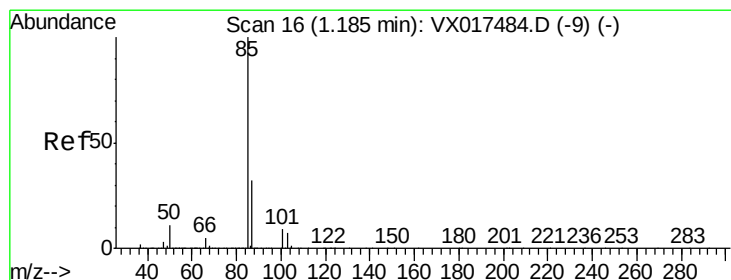
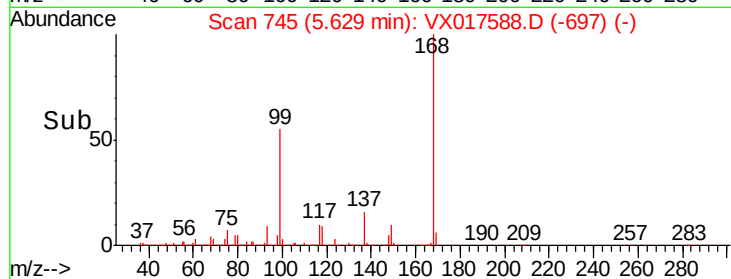
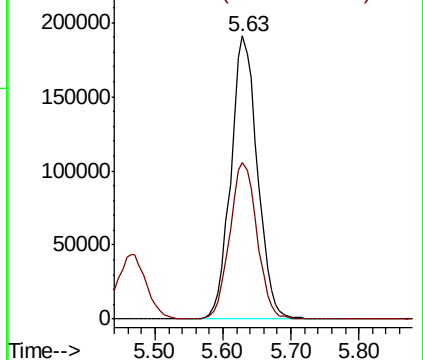
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:168 Resp: 517638
 Ion Ratio Lower Upper
 168 100
 99 55.3 43.4 65.2



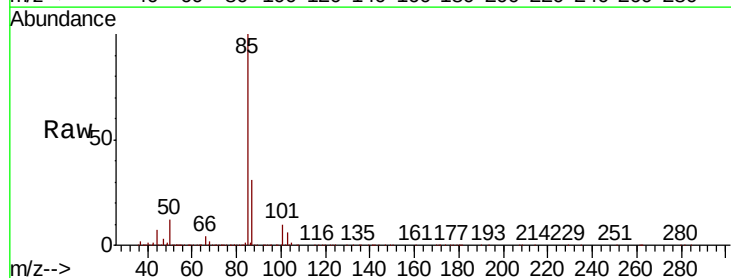
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



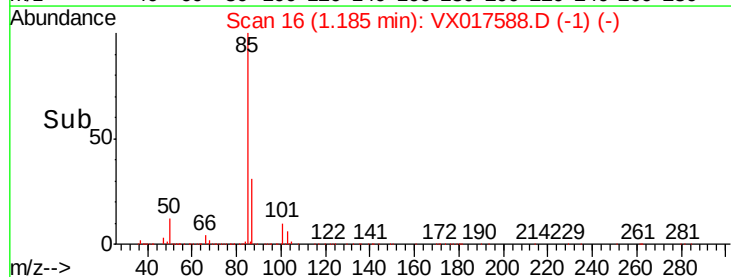
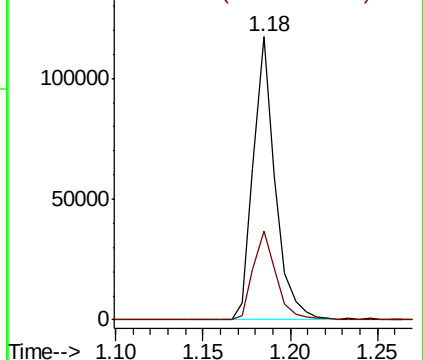
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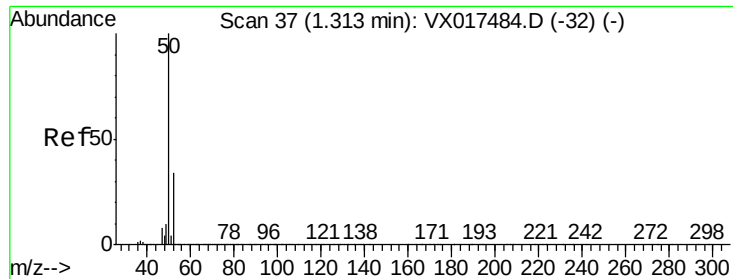
Dichlorodifluoromethane
 Concen: 20.677 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion: 85 Resp: 102167
 Ion Ratio Lower Upper
 85 100
 87 31.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

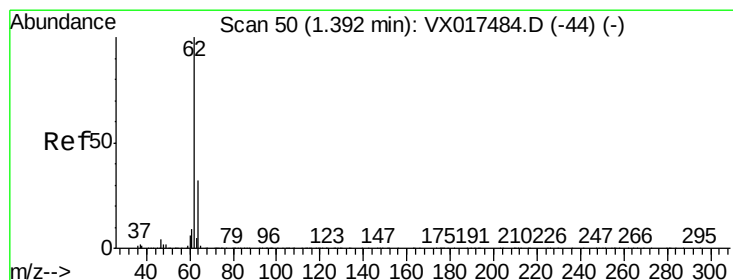
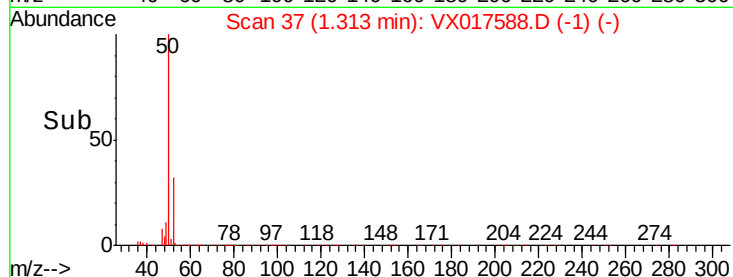
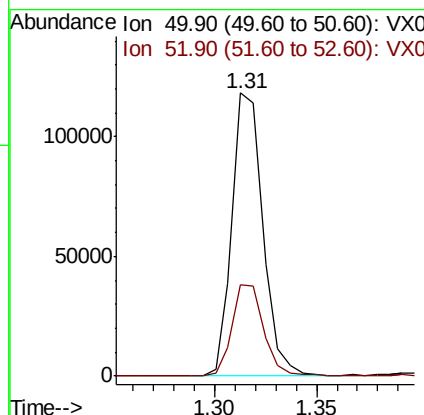
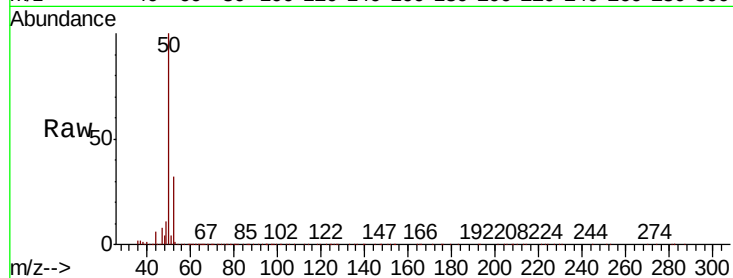




#3
Chloromethane
Concen: 19.559 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

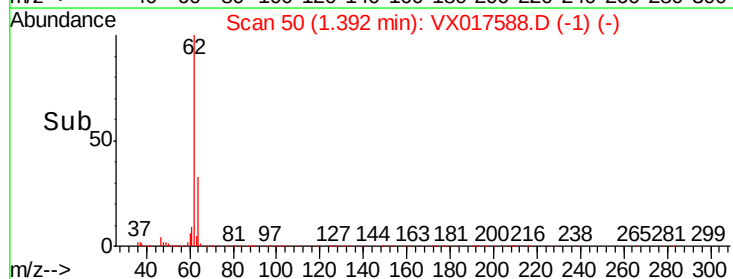
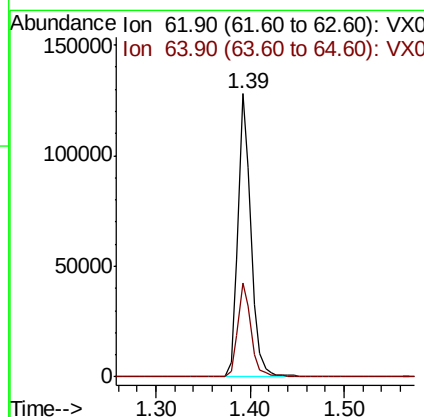
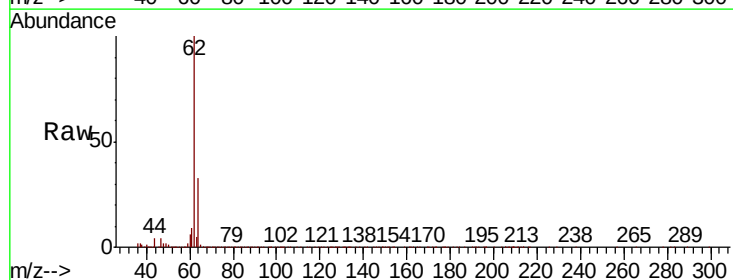
Instrument :
MSVOA_X
ClientSampleId :

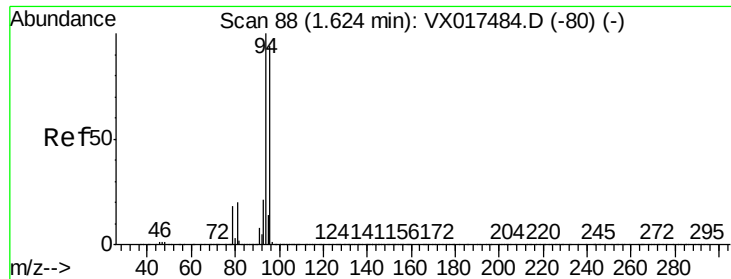
Tot Ion: 50 Resp: 123711
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9



#4
Vinyl Chloride
Concen: 18.809 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 62 Resp: 122516
Ion Ratio Lower Upper
62 100
64 32.9 25.2 37.8





#5

Bromomethane

Concen: 24.153 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

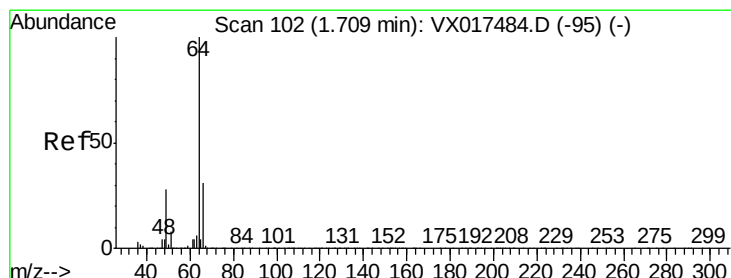
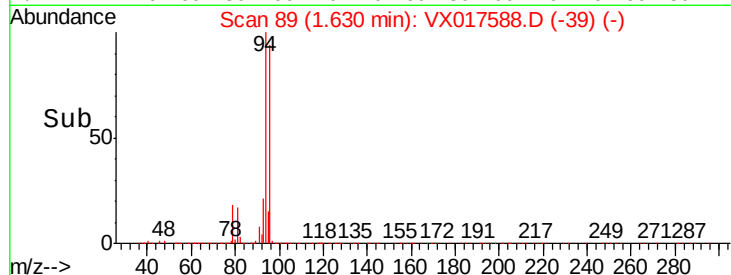
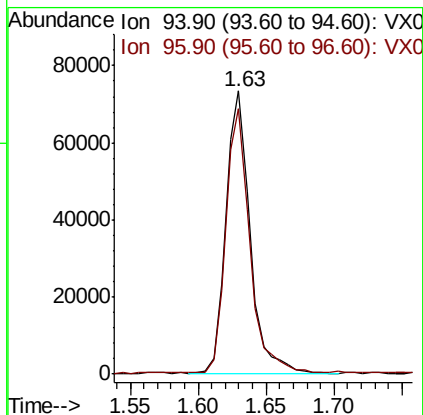
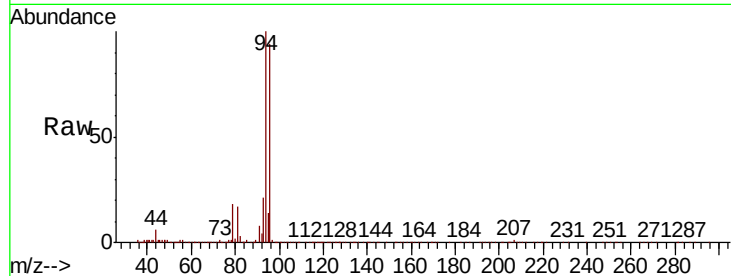
ClientSampleId :

Tot Ion: 94 Resp: 90073

Ion Ratio Lower Upper

94 100

96 93.8 74.1 111.1



#6

Chloroethane

Concen: 20.954 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017588.D

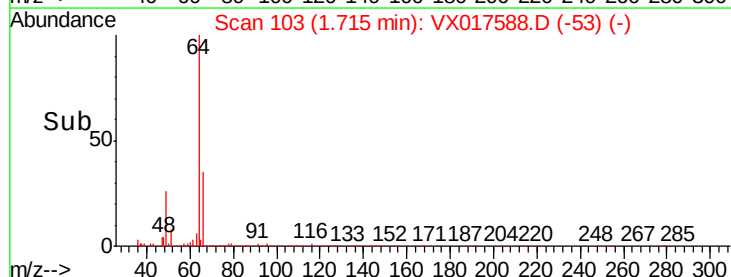
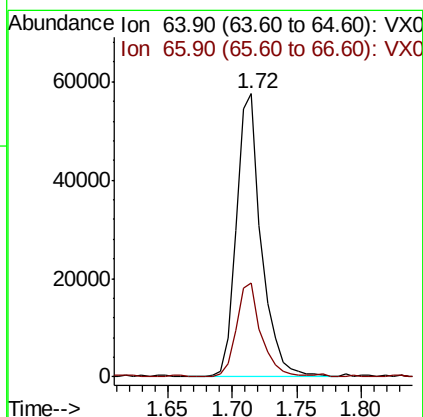
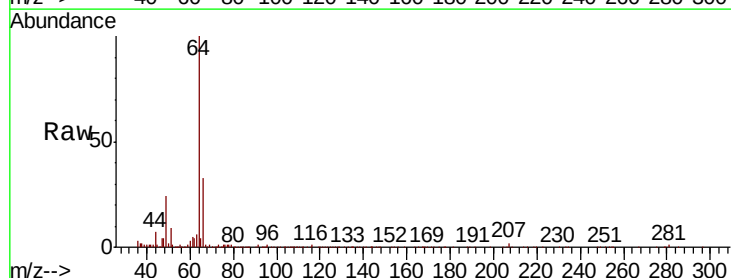
Acq: 25 Jul 2020 12:12

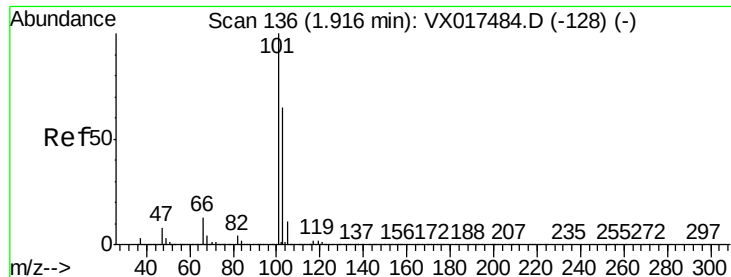
Tgt Ion: 64 Resp: 76857

Ion Ratio Lower Upper

64 100

66 32.8 24.9 37.3



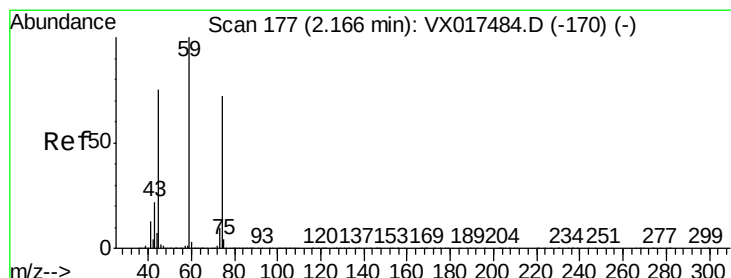
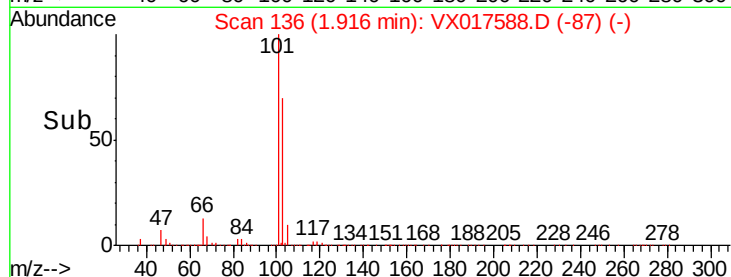
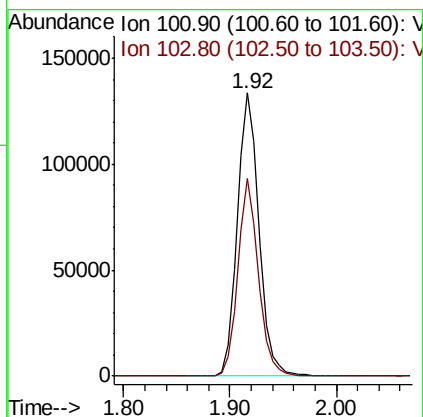
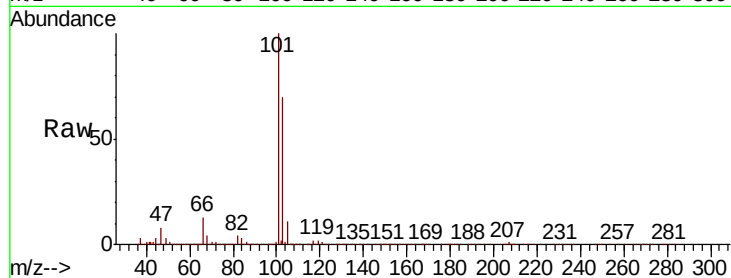


#7

Trichlorofluoromethane
 Concen: 18.638 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Instrument :
 MSVOA_X
 ClientSampleId :

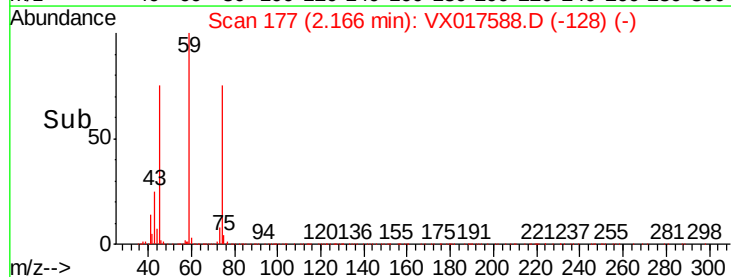
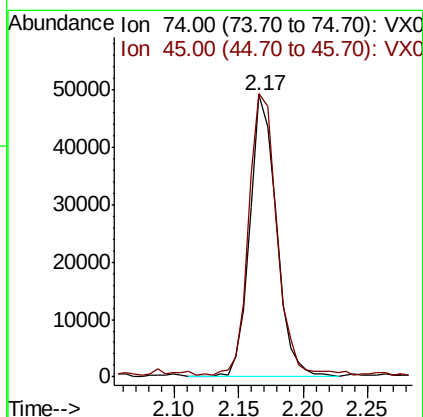
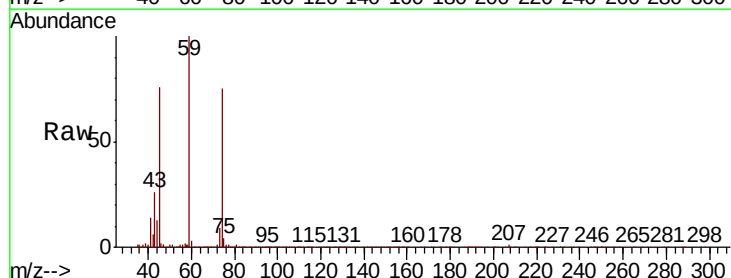
Tot Ion:101 Resp: 190958
 Ion Ratio Lower Upper
 101 100
 103 69.6 51.8 77.8

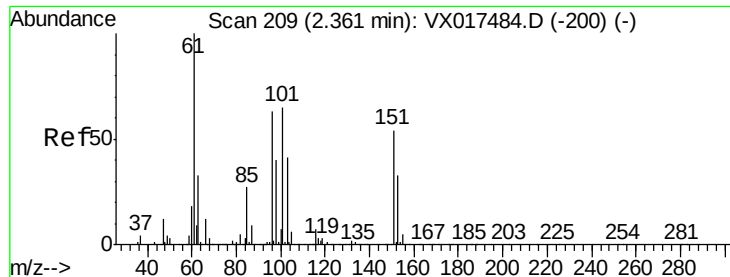


#8

Diethyl Ether
 Concen: 20.210 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion: 74 Resp: 69826
 Ion Ratio Lower Upper
 74 100
 45 104.0 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.026 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

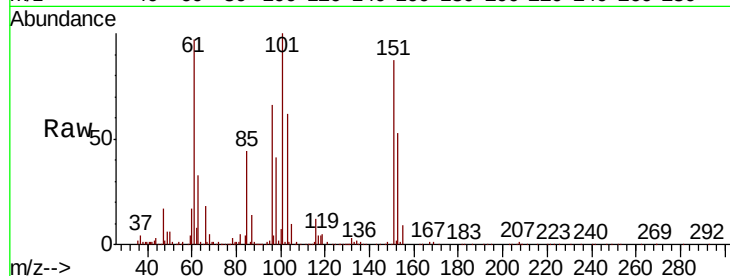
Tot Ion:101 Resp: 101352

Ion Ratio Lower Upper

101 100

85 44.1 34.8 52.2

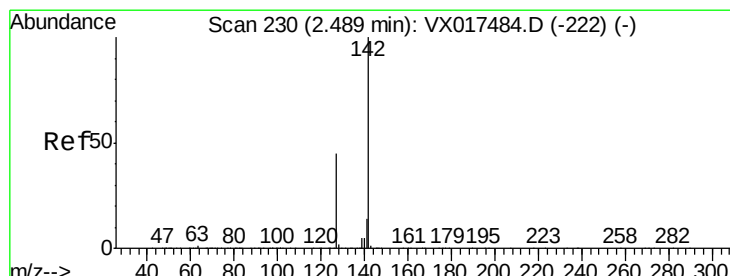
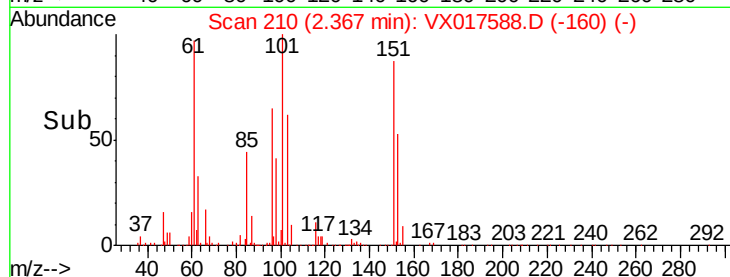
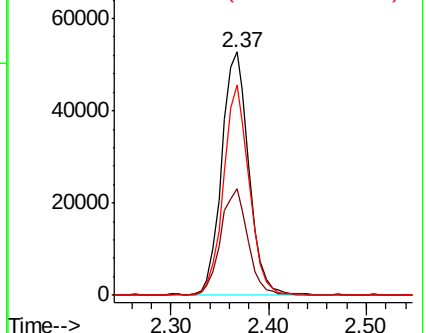
151 82.0 68.0 102.0



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: 15.511 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

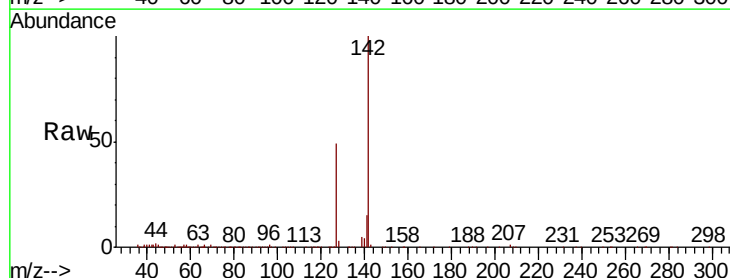
Tgt Ion:142 Resp: 111572

Ion Ratio Lower Upper

142 100

127 46.9 35.9 53.9

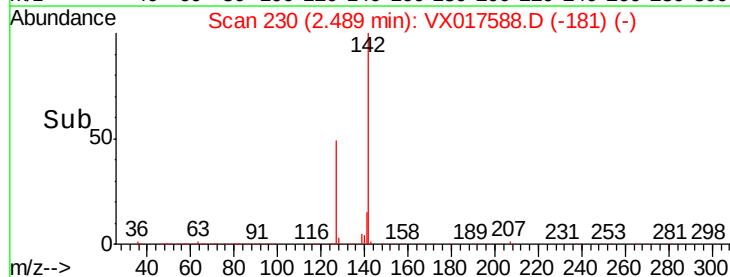
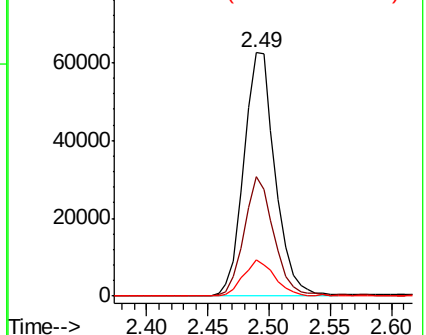
141 14.9 11.4 17.0

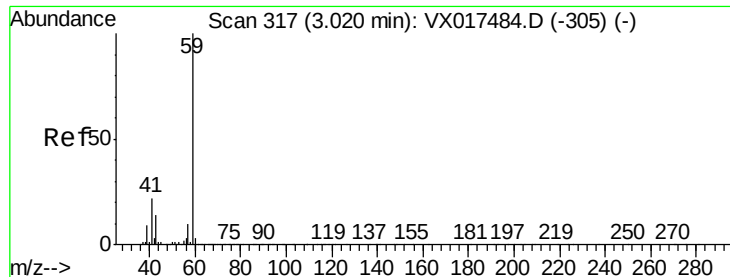


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

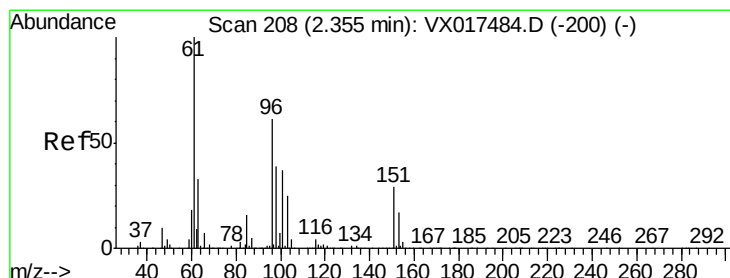
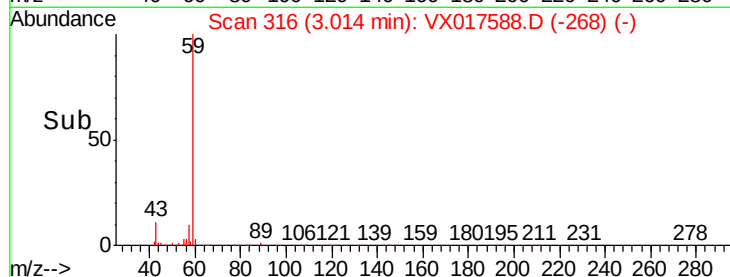
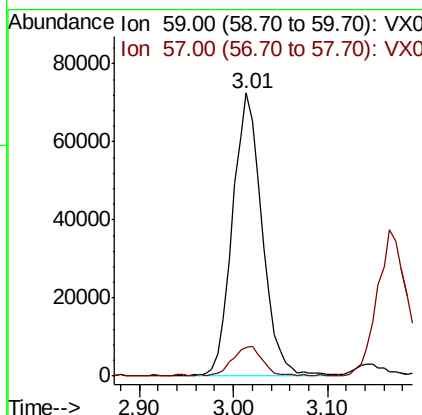
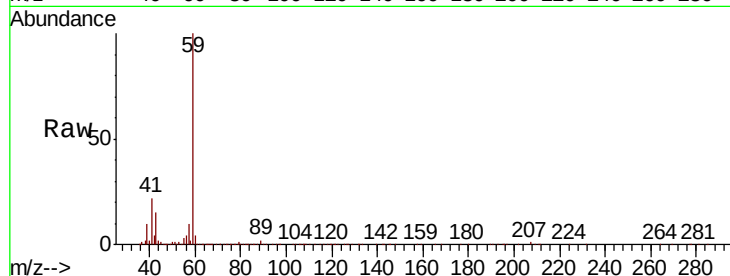




#11
Tert butyl alcohol
Concen: 112.559 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

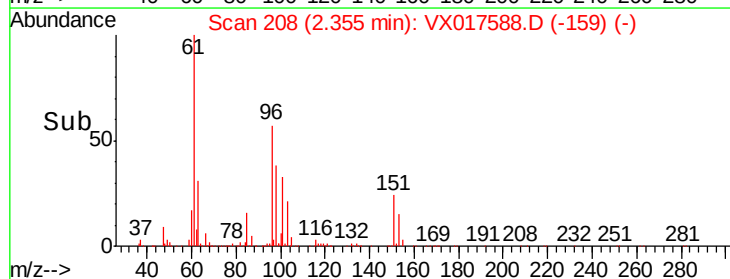
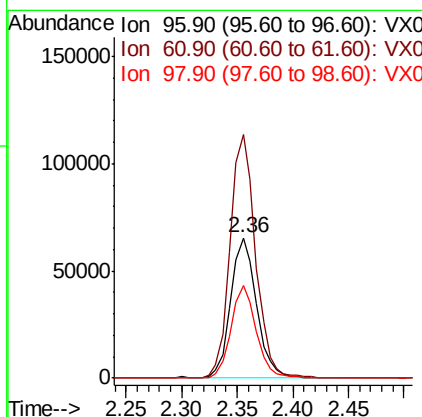
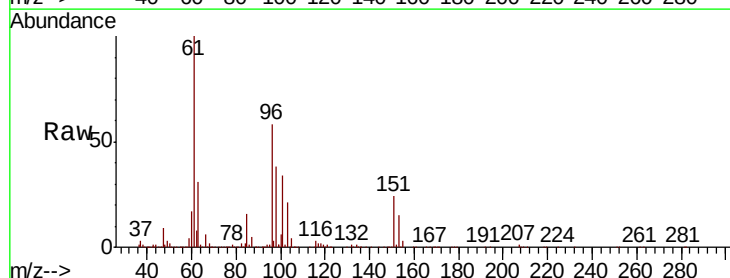
Instrument :
MSVOA_X
ClientSampleId :

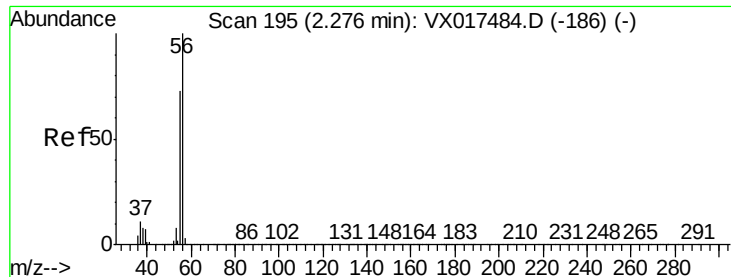
Tot Ion: 59 Resp: 157739
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.895 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 96 Resp: 106369
Ion Ratio Lower Upper
96 100
61 173.3 134.0 201.0
98 65.9 51.0 76.4





#13

Acrolein

Concen: 73.603 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

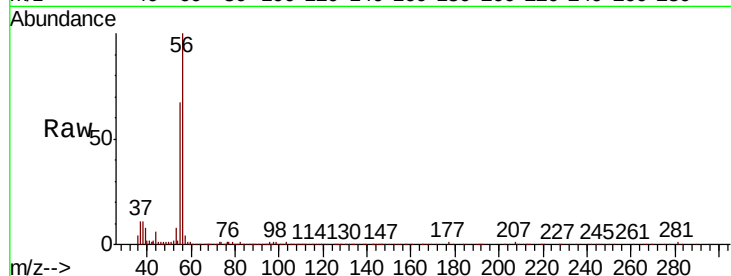
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 75566

Ion Ratio Lower Upper

56 100

55 69.3 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

50000

40000

30000

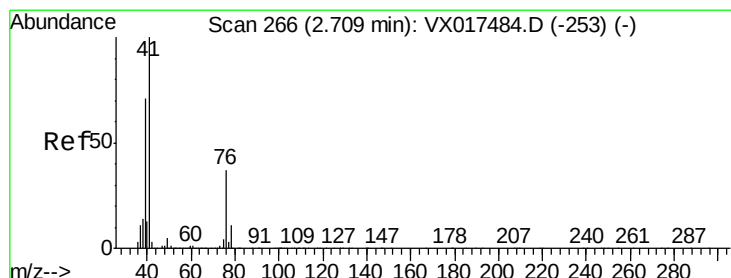
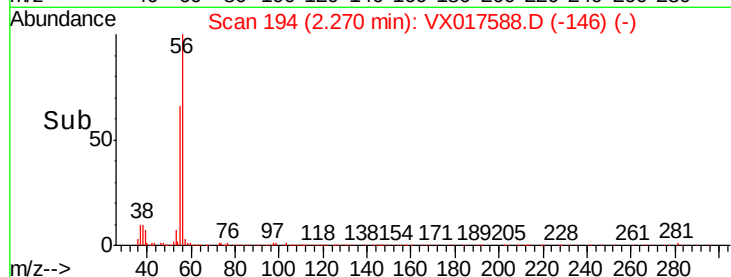
20000

10000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 18.993 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

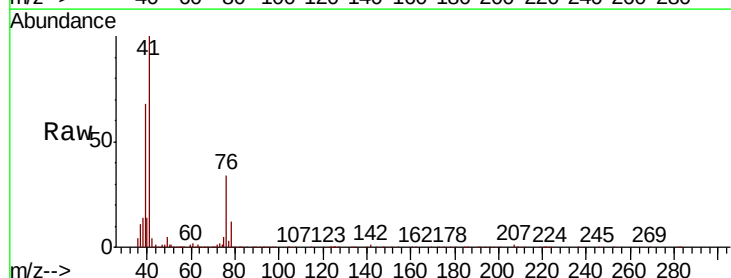
Tgt Ion: 41 Resp: 185429

Ion Ratio Lower Upper

41 100

39 64.8 51.9 77.9

76 31.9 25.5 38.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

60000

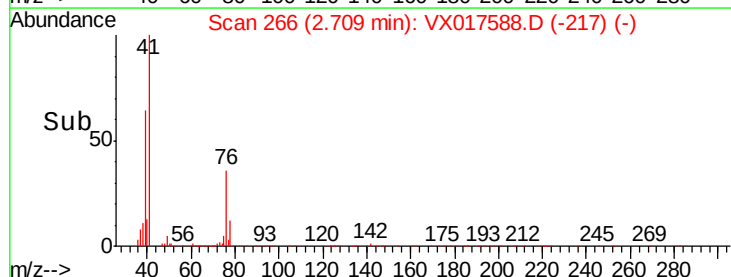
40000

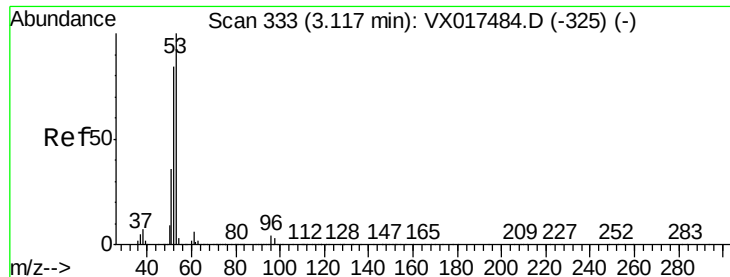
20000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 105.052 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

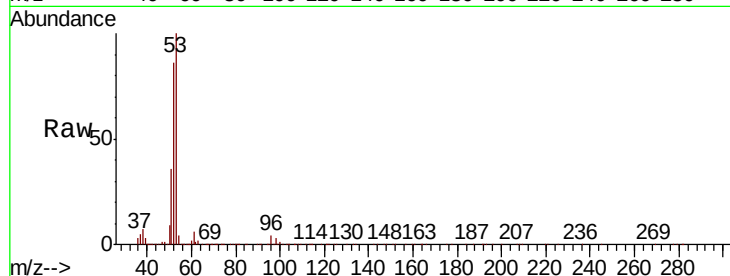
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 317976

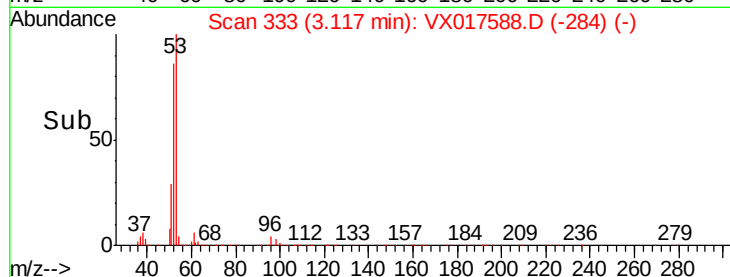
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.6	99.8
51	36.8	29.4	44.2



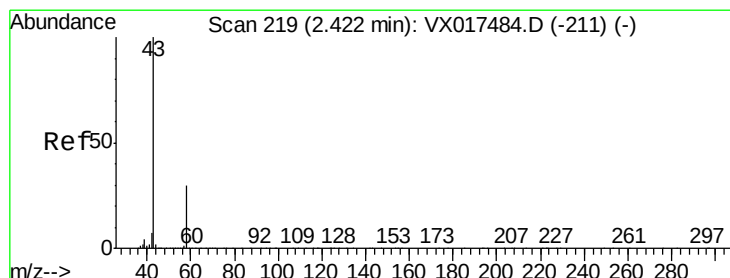
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 108.177 ug/l

RT: 2.42 min Scan# 219

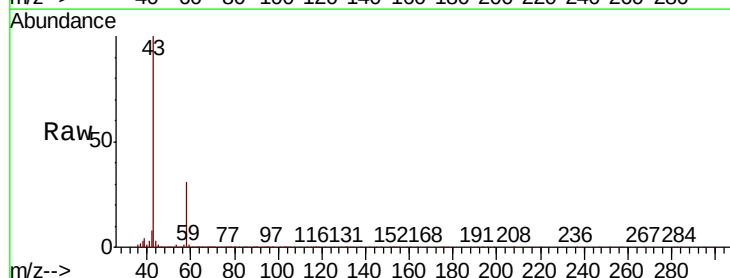
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

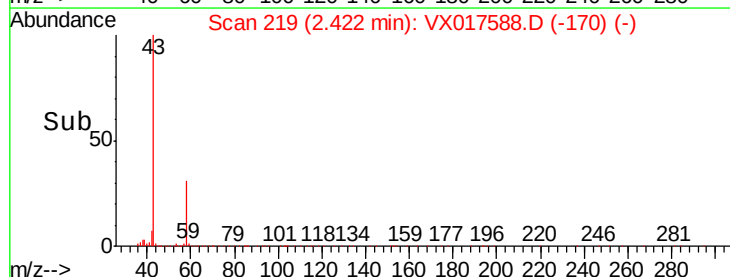
Tgt Ion: 43 Resp: 316589

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.2	36.4

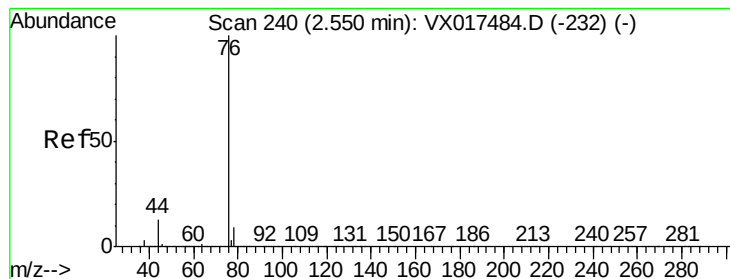


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 17.938 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

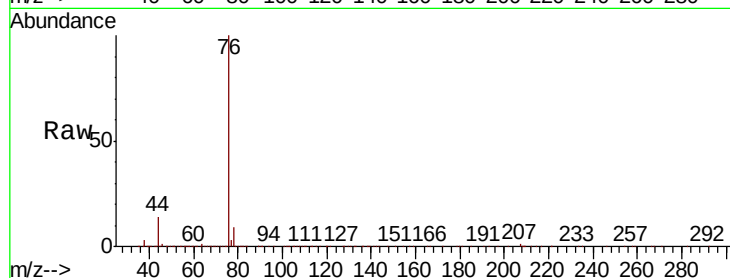
ClientSampleId :

Tot Ion: 76 Resp: 291515

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

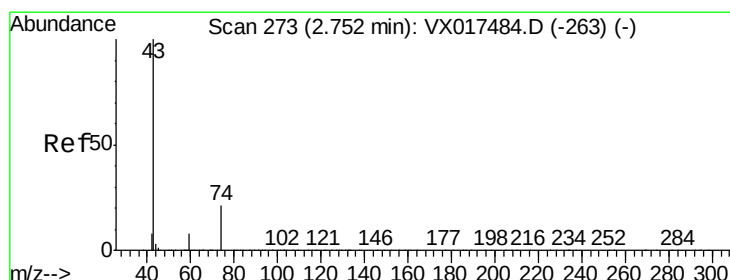
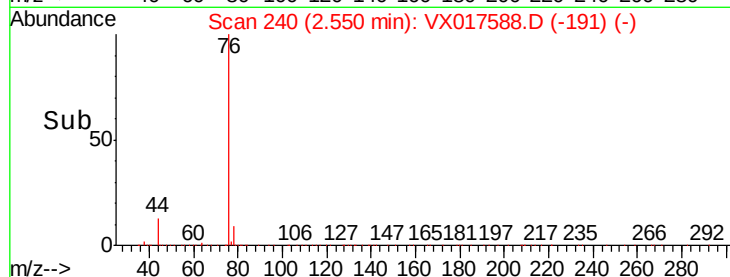
150000

100000

50000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 21.363 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX017588.D

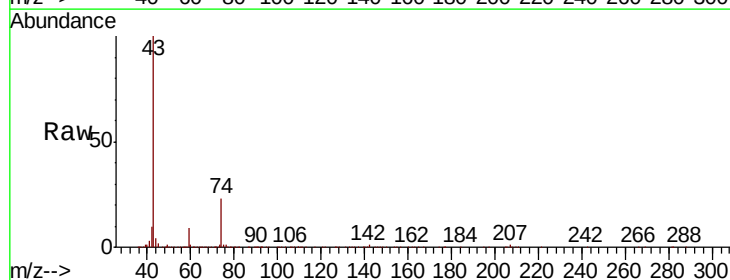
Acq: 25 Jul 2020 12:12

Tgt Ion: 43 Resp: 147244

Ion Ratio Lower Upper

43 100

74 23.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

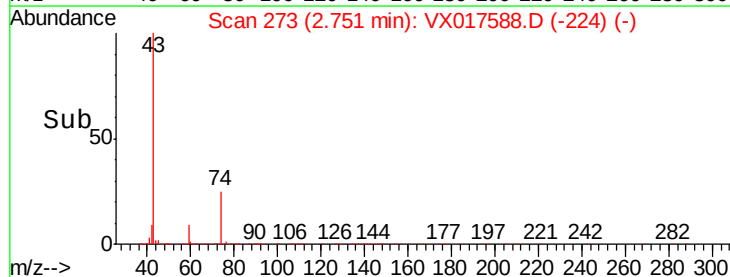
60000

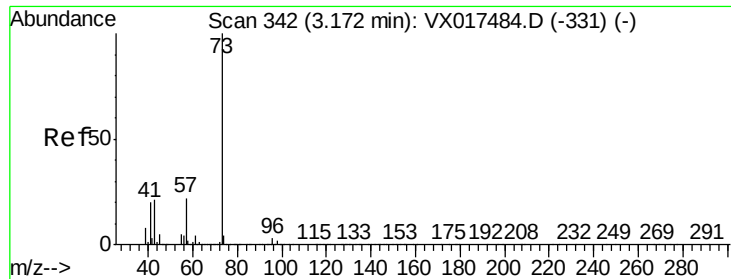
40000

20000

0

Time--> 2.65 2.70 2.75 2.80 2.85

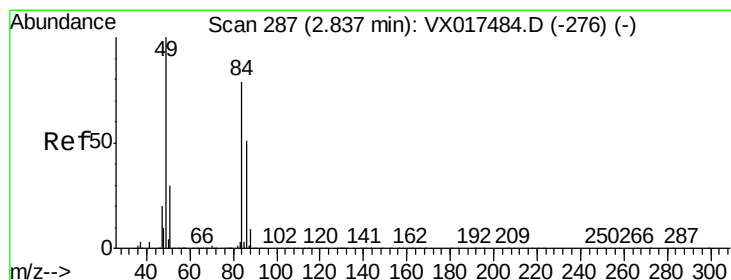
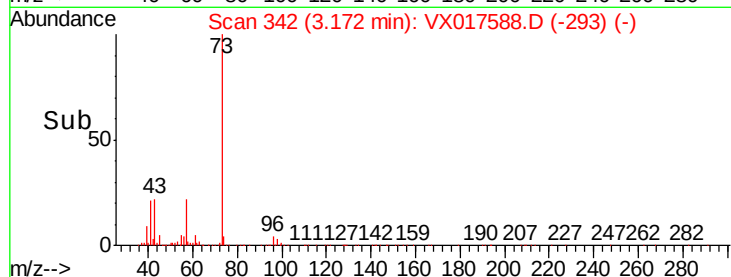
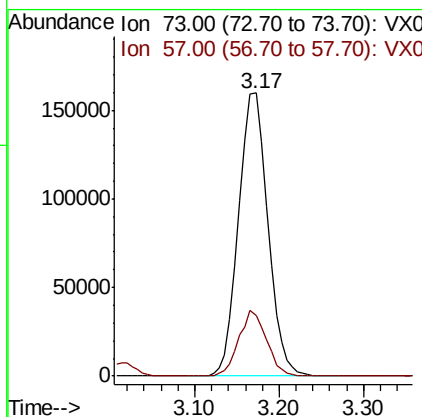
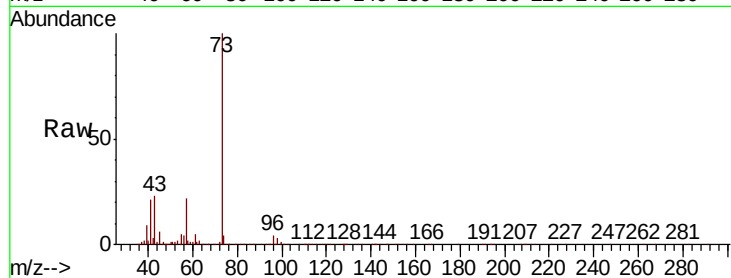




#19
Methyl tert-butyl Ether
Concen: 20.328 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

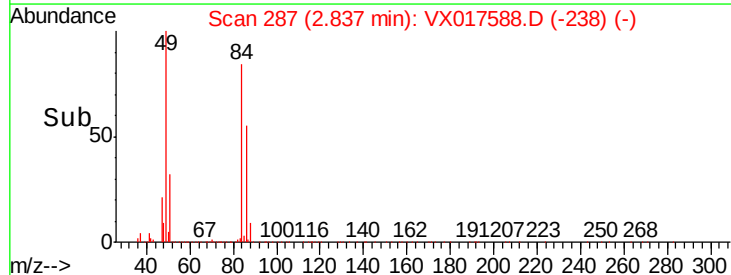
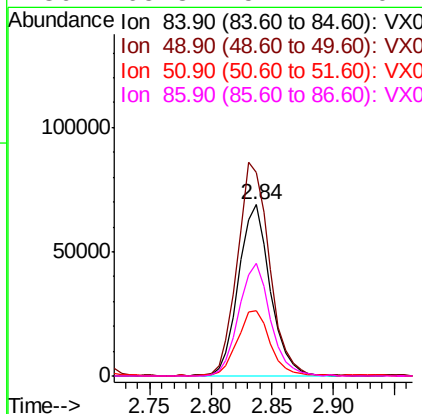
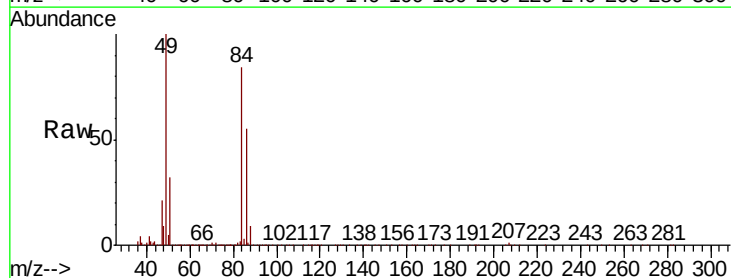
Instrument :
MSVOA_X
ClientSampleId :

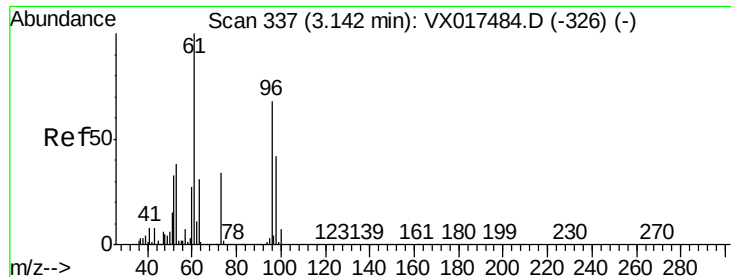
Tot Ion: 73 Resp: 376182
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4



#20
Methylene Chloride
Concen: 21.773 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 84 Resp: 124003
Ion Ratio Lower Upper
84 100
49 118.6 100.3 150.5
51 38.1 30.5 45.7
86 65.8 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.538 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

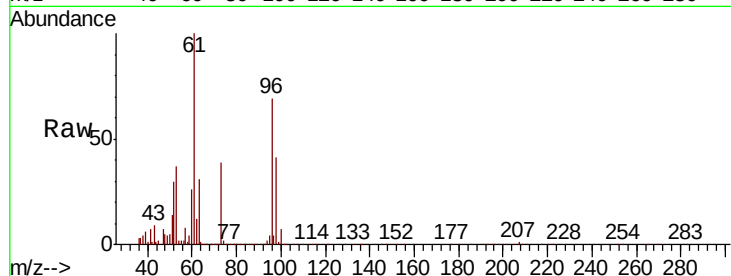
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 96 Resp: 111910

Ion	Ratio	Lower	Upper
96	100		
61	145.9	113.0	169.4
98	59.3	51.8	77.8

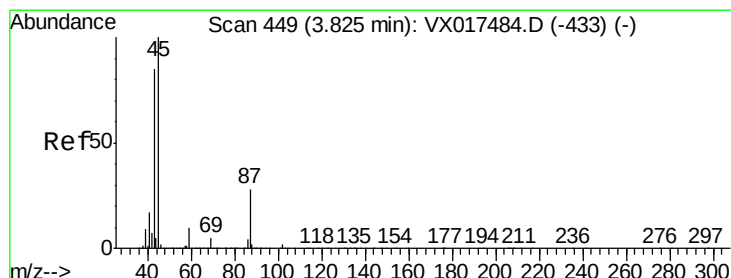
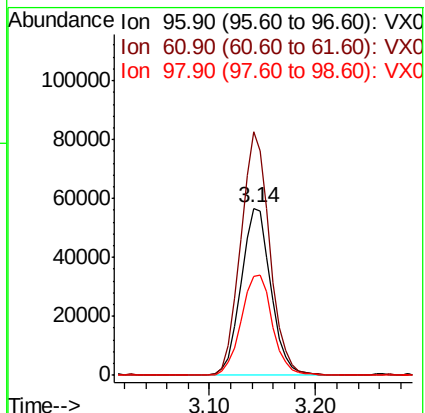
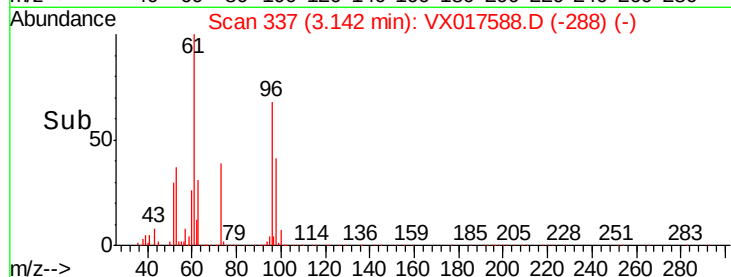


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.648 ug/l

RT: 3.82 min Scan# 449

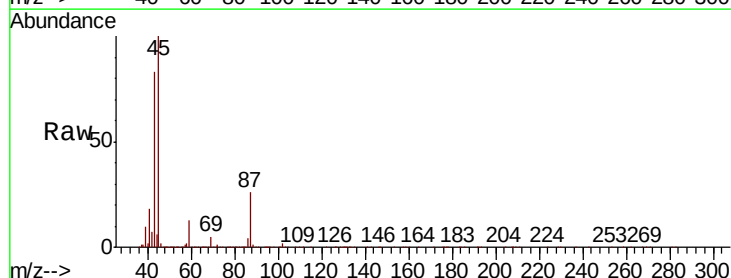
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion: 45 Resp: 368594

Ion	Ratio	Lower	Upper
45	100		
43	82.7	52.0	78.0#
87	25.9	22.2	33.4
59	12.3	8.9	13.3



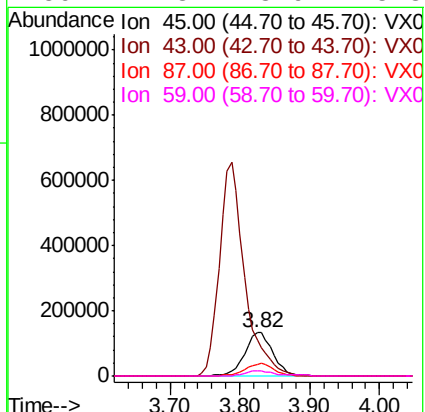
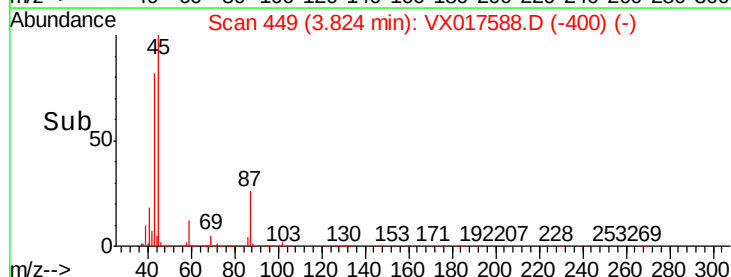
Abundance

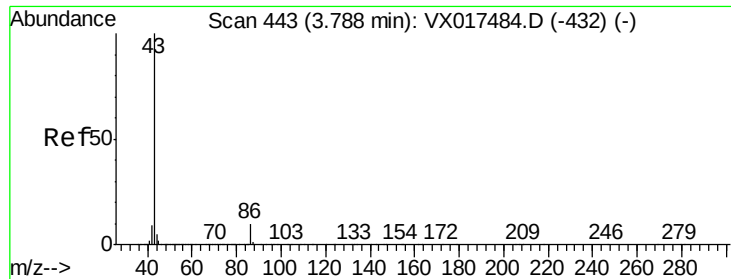
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 103.455 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

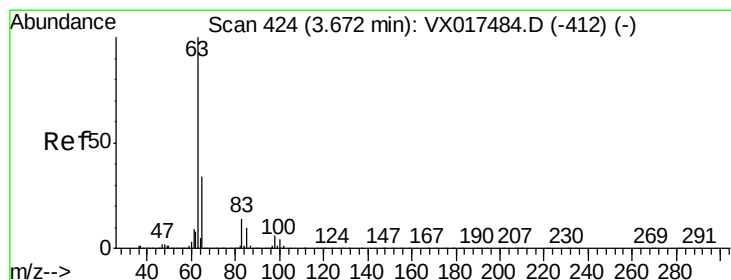
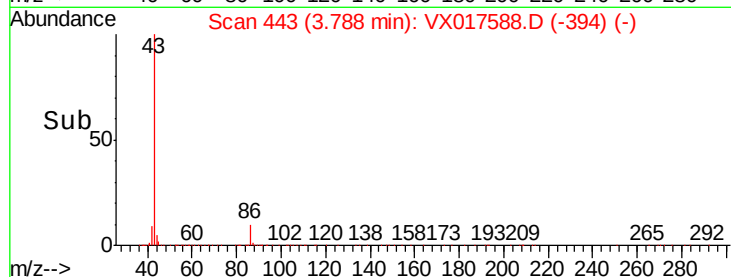
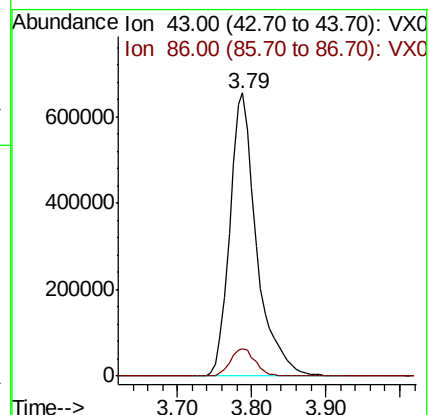
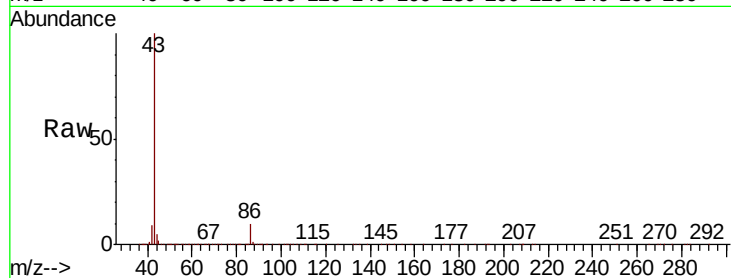
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1646633

Ion Ratio Lower Upper

43 100

86 9.9 8.2 12.4



#24

1,1-Dichloroethane

Concen: 20.521 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

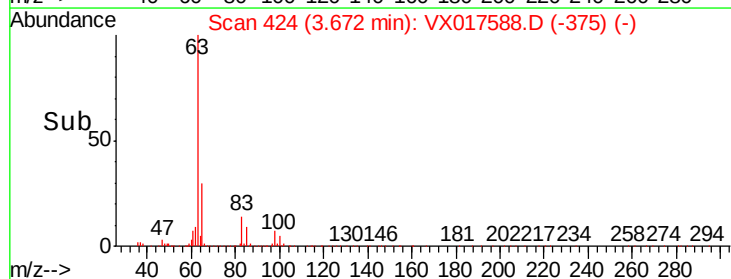
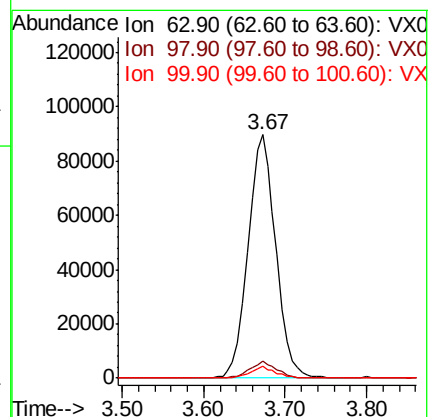
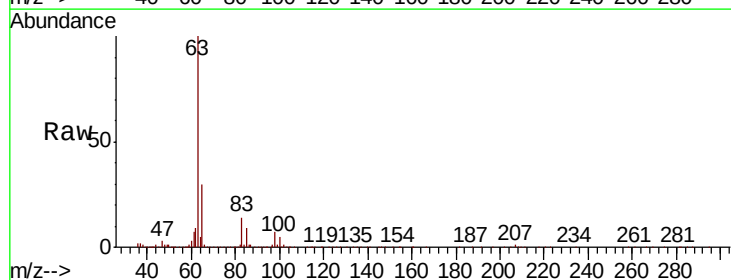
Tgt Ion: 63 Resp: 211019

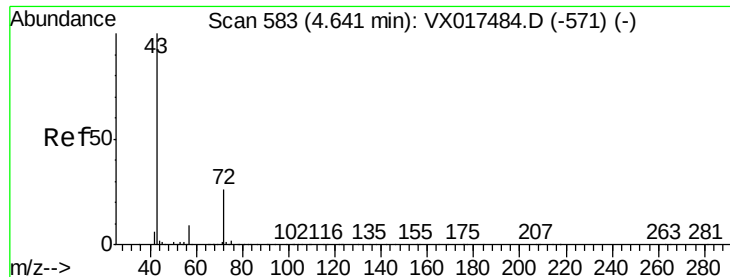
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 5.0 1.9 5.7

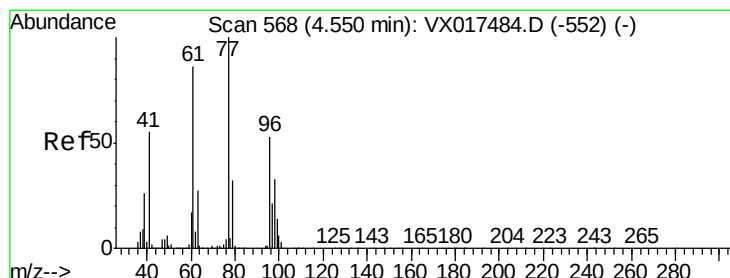
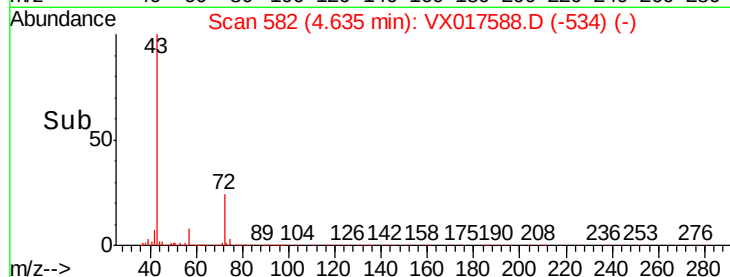
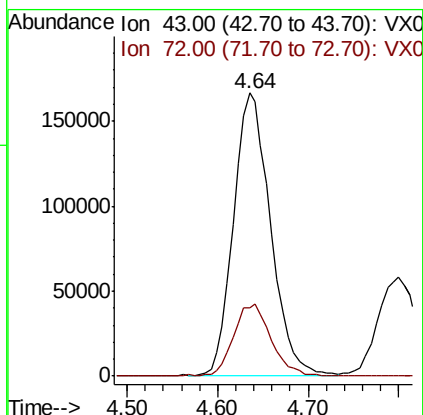
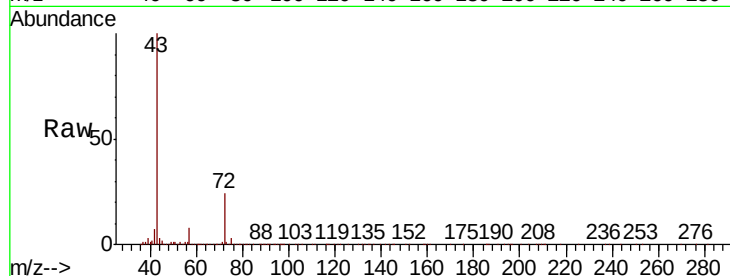




#25
2-Butanone
Concen: 113.011 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

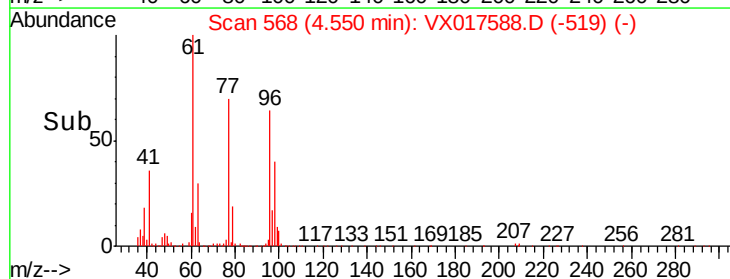
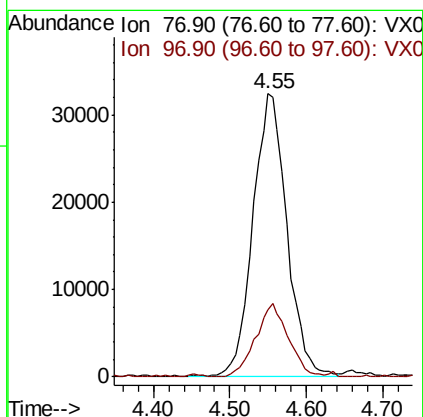
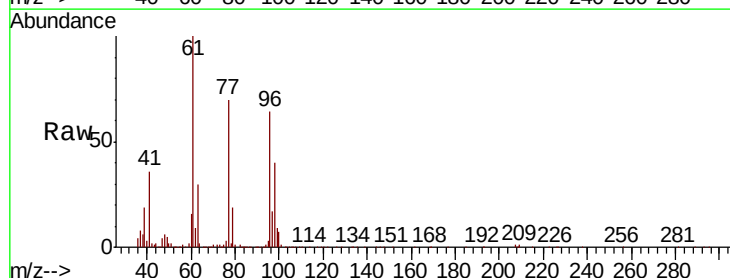
Instrument :
MSVOA_X
ClientSampleId :

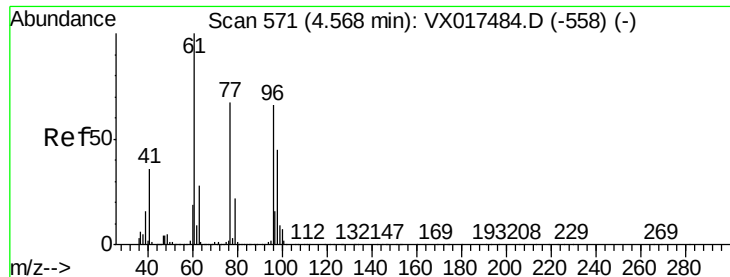
Tot Ion: 43 Resp: 469845
Ion Ratio Lower Upper
43 100
72 23.8 19.0 28.4



#26
2,2-Dichloropropane
Concen: 10.900 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 77 Resp: 100332
Ion Ratio Lower Upper
77 100
97 25.0 10.9 32.9



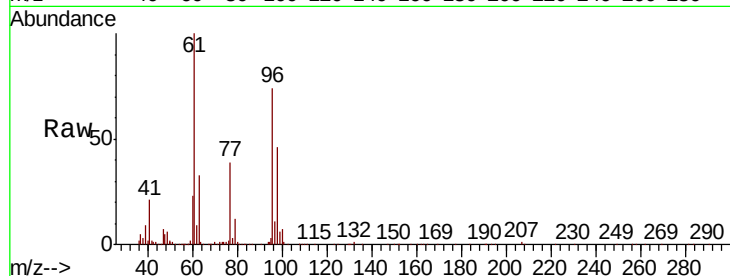


#27

cis-1,2-Dichloroethene
Concen: 20.356 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.9	0.0	301.2
98	64.6	0.0	130.0

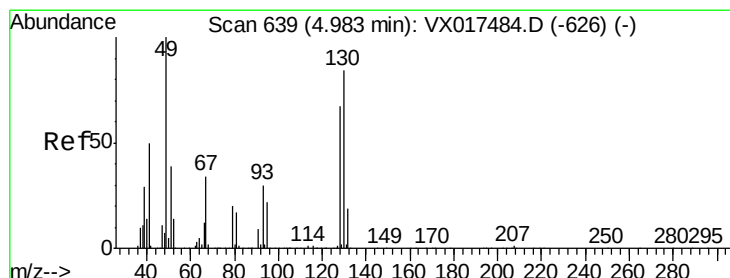
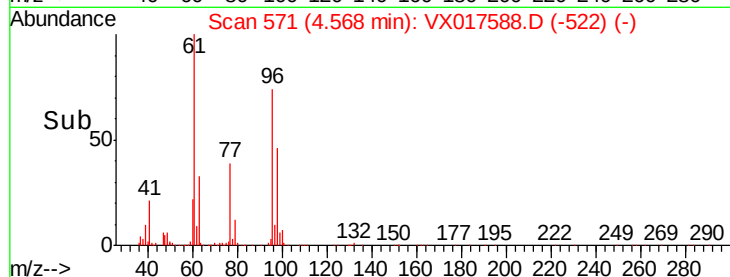
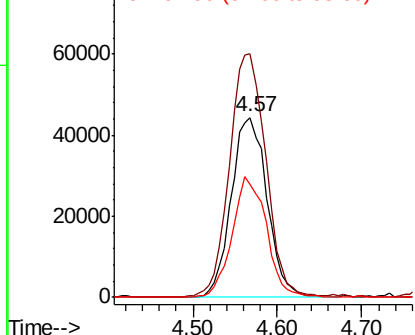


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

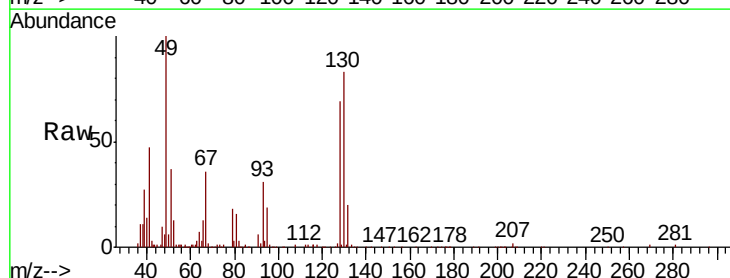
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 19.610 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	86.5	66.7	100.1

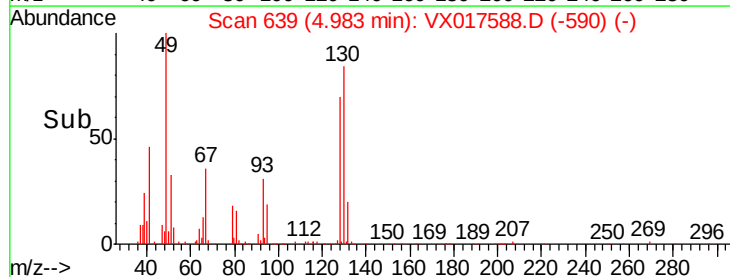
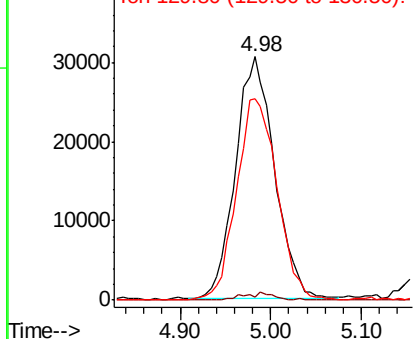


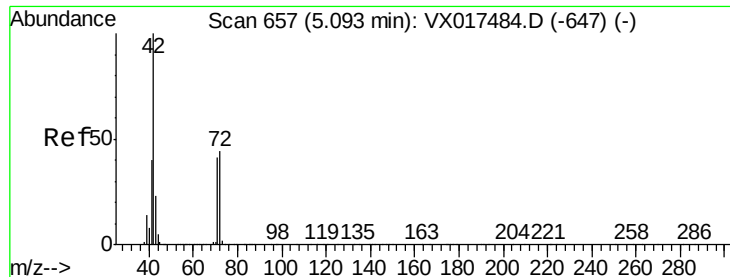
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

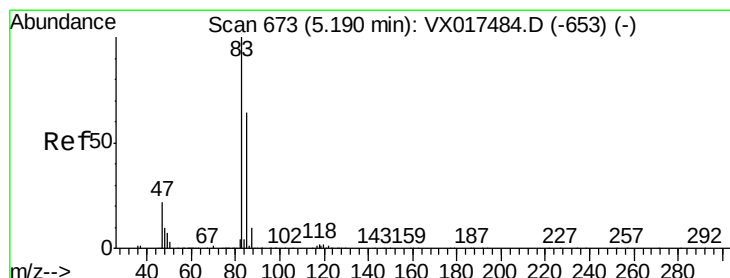
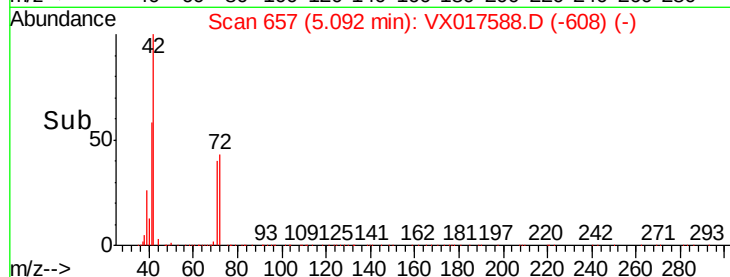
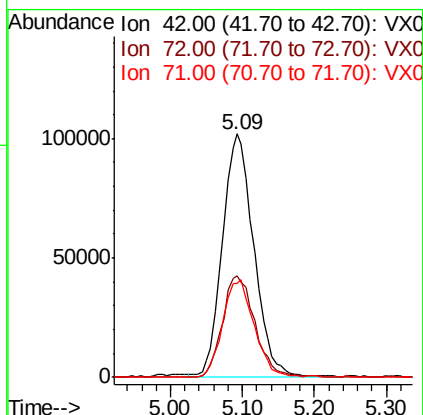
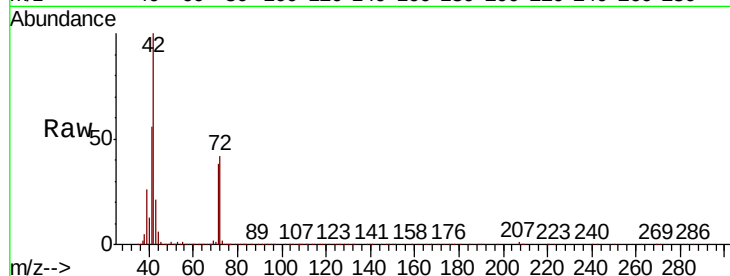




#29
Tetrahydrofuran
Concen: 118.585 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

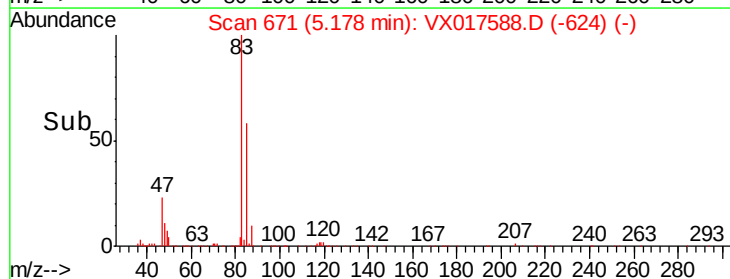
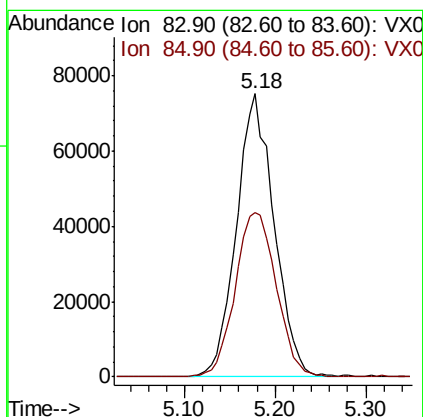
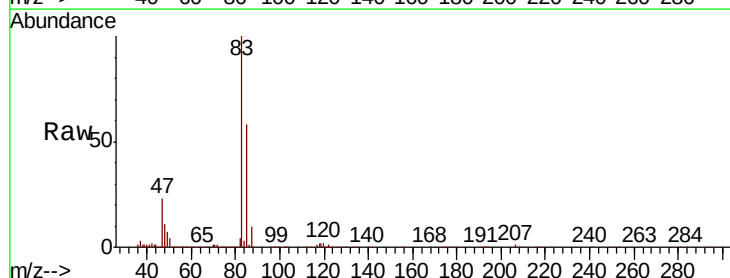
Instrument :
MSVOA_X
ClientSampleId :

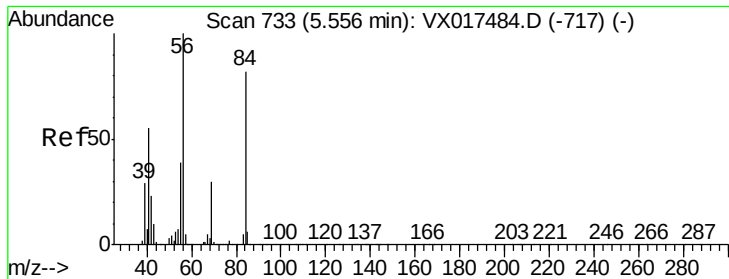
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.5	53.3
71	40.7	33.0	49.4



#30
Chloroform
Concen: 20.510 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.0	51.4	77.2

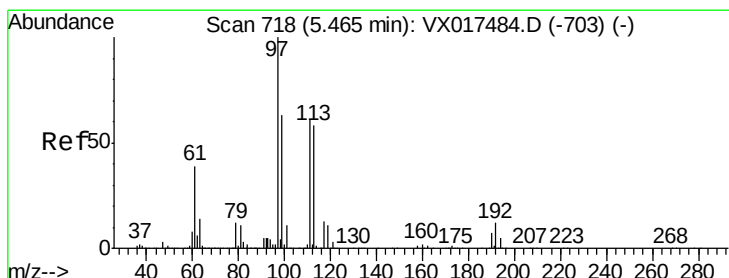
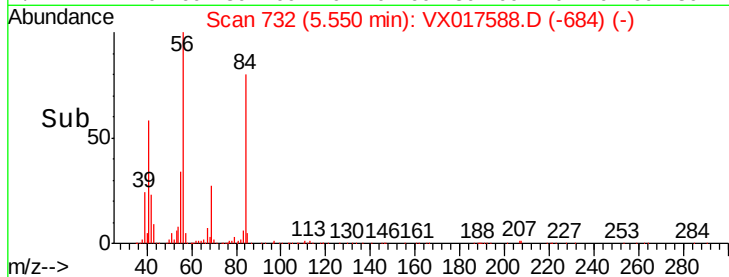
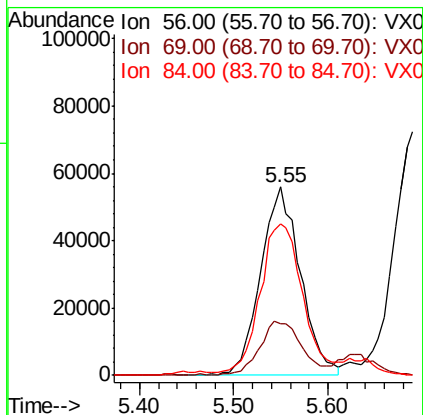
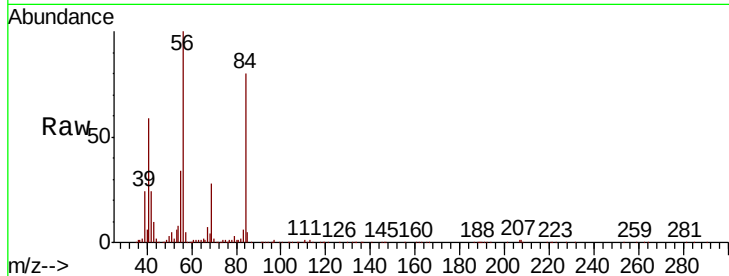




#31
Cyclohexane
Concen: 20.060 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

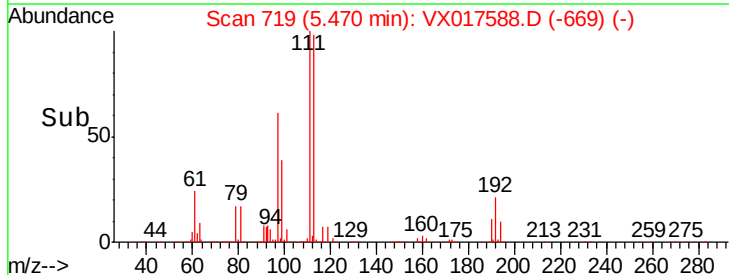
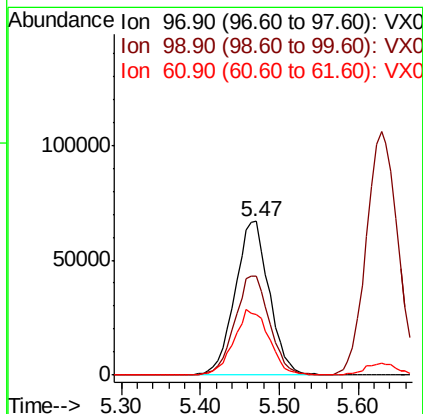
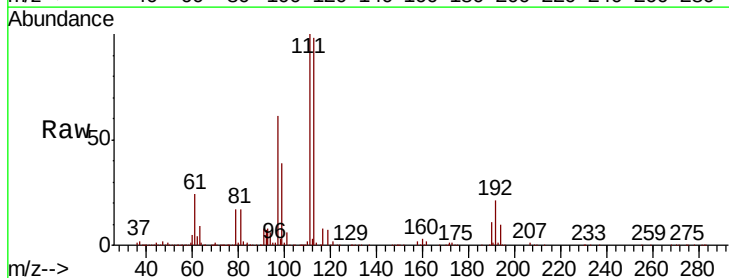
Instrument :
MSVOA_X
ClientSampled :

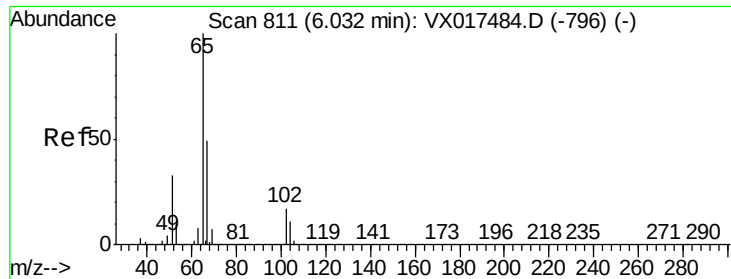
Tot Ion: 56 Resp: 164496
Ion Ratio Lower Upper
56 100
69 27.6 24.2 36.4
84 78.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 20.312 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 97 Resp: 201249
Ion Ratio Lower Upper
97 100
99 65.6 51.9 77.9
61 43.8 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 56.918 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

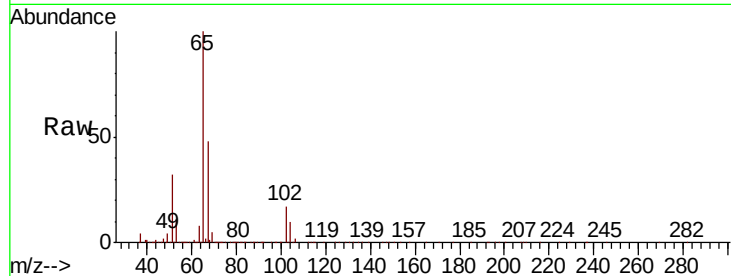
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 378466

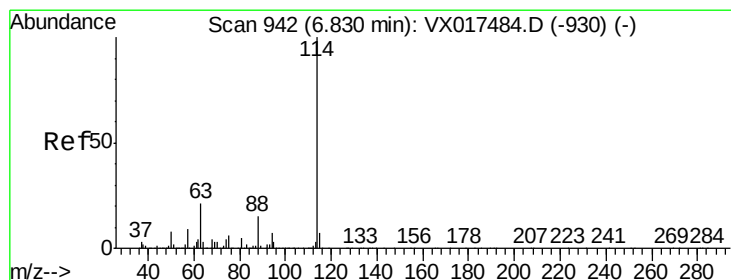
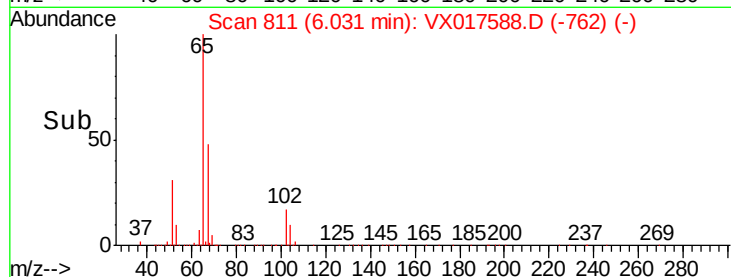
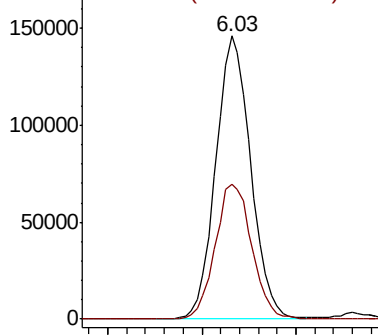
Ion Ratio Lower Upper

65 100

67 49.9 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

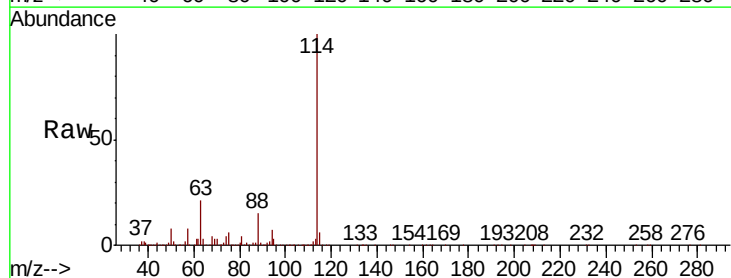
Tgt Ion: 114 Resp: 813308

Ion Ratio Lower Upper

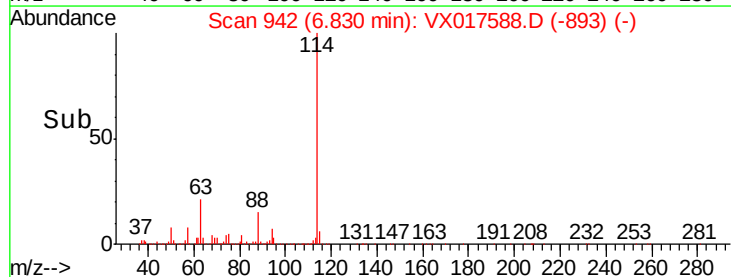
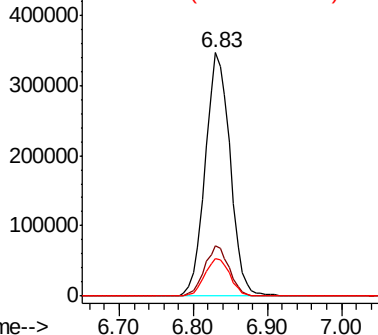
114 100

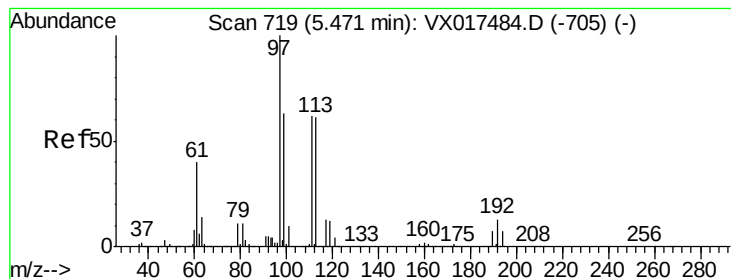
63 20.6 0.0 40.6

88 15.4 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.601 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX017588.D

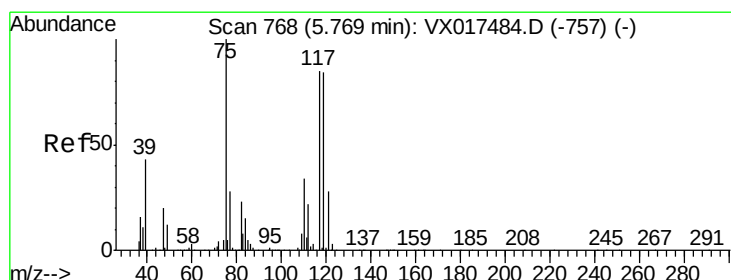
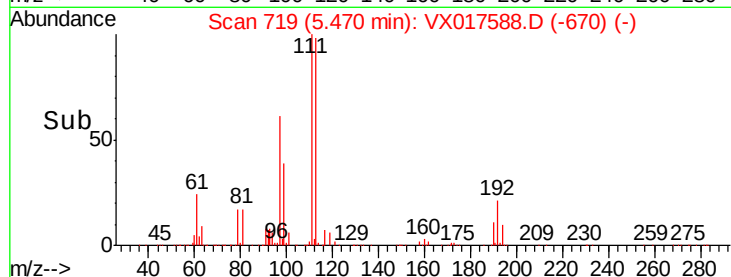
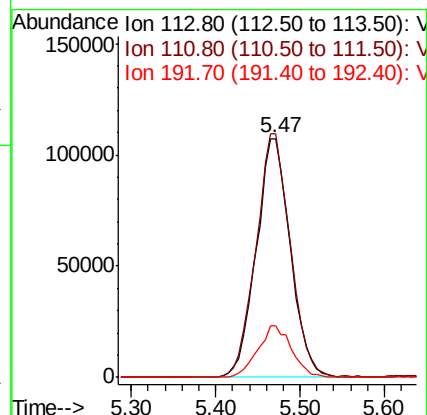
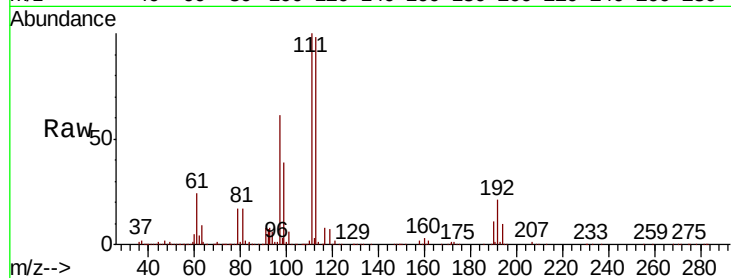
Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:113	Resp:	296997
Ion	Ratio	Lower Upper
113	100	
111	102.5	80.7 121.1
192	21.6	16.9 25.3



#36

1,1-Dichloropropene

Concen: 18.984 ug/l

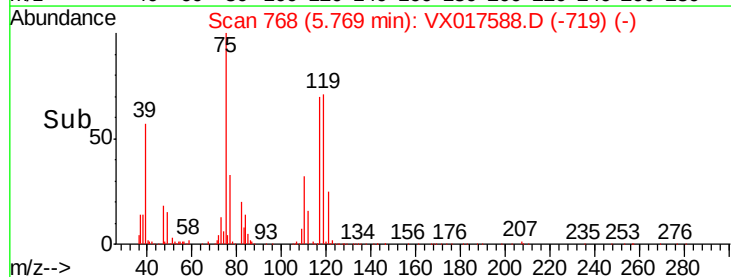
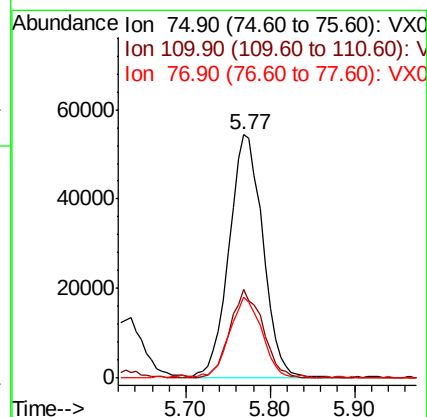
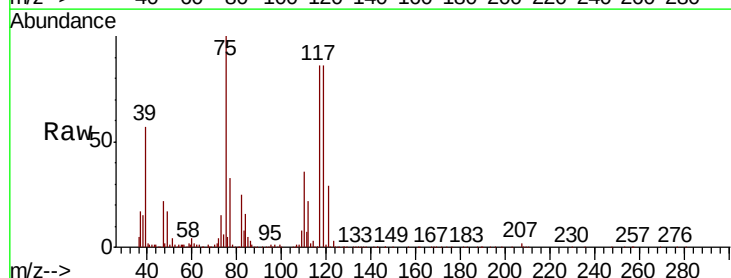
RT: 5.77 min Scan# 768

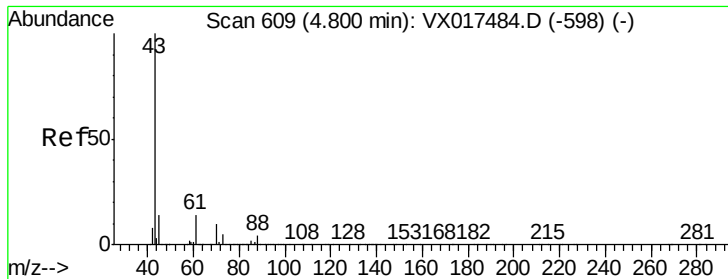
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion: 75	Resp:	148084
Ion	Ratio	Lower Upper
75	100	
110	35.7	18.1 54.3
77	30.7	24.6 37.0

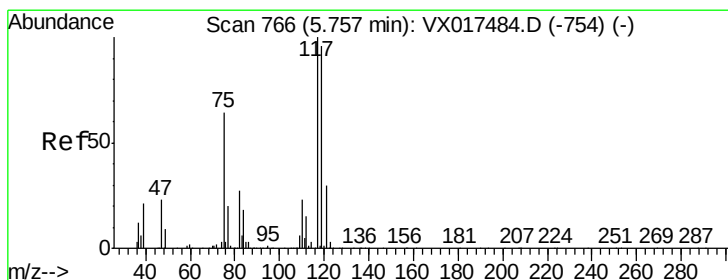
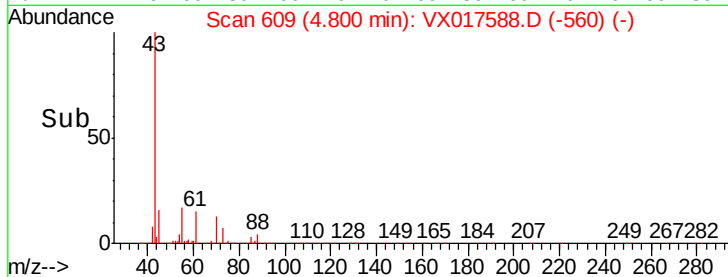
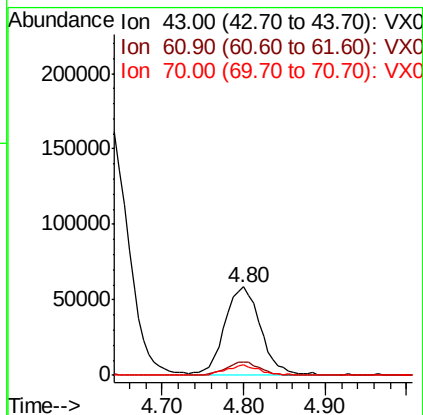
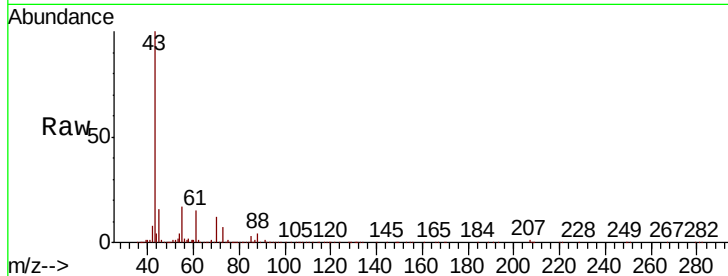




#37
Ethyl Acetate
Concen: 20.639 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

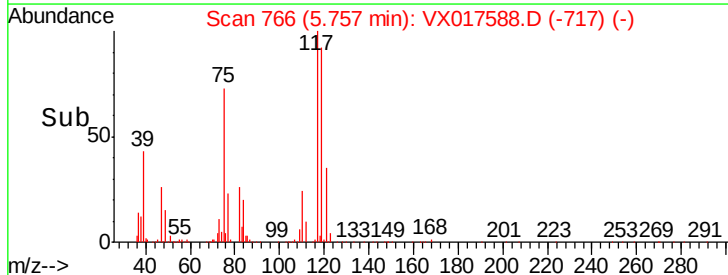
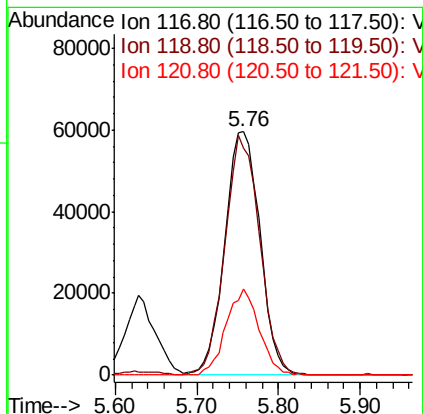
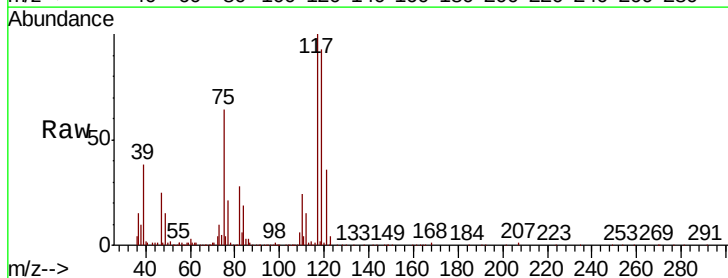
Instrument :
MSVOA_X
ClientSampleId :

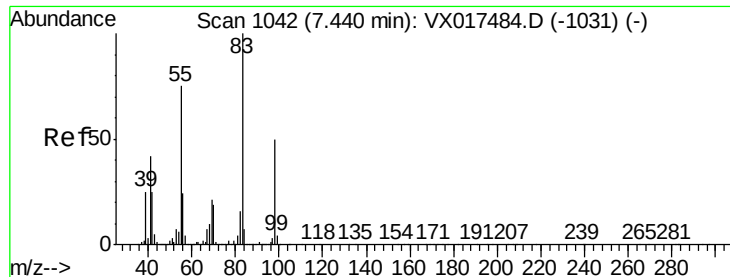
Tot Ion	43	Resp	176149
Ion Ratio	Lower	Upper	
43	100		
61	14.5	10.7	16.1
70	10.9	8.5	12.7



#38
Carbon Tetrachloride
Concen: 18.784 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	117	Resp	177930
Ion Ratio	Lower	Upper	
117	100		
119	92.8	75.4	113.0
121	35.5	24.3	36.5

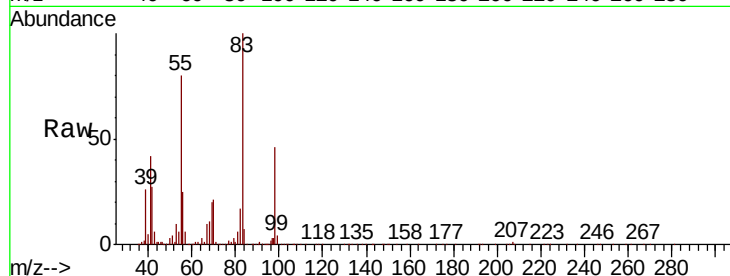




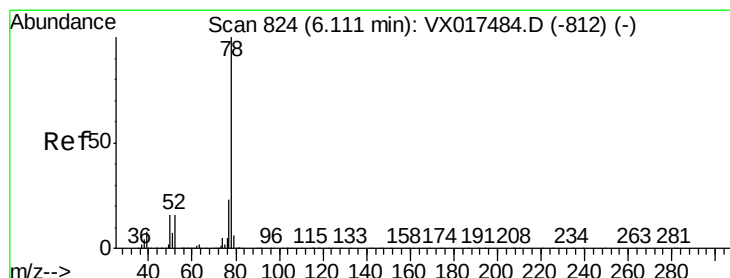
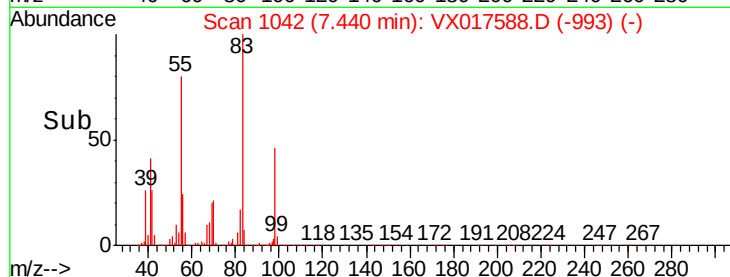
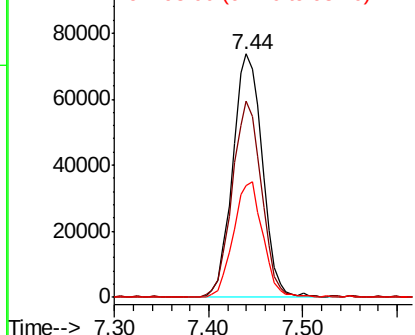
#39
Methylvlcyclohexane
Concen: 17.747 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.2	61.8	92.8
98	45.9	36.9	55.3

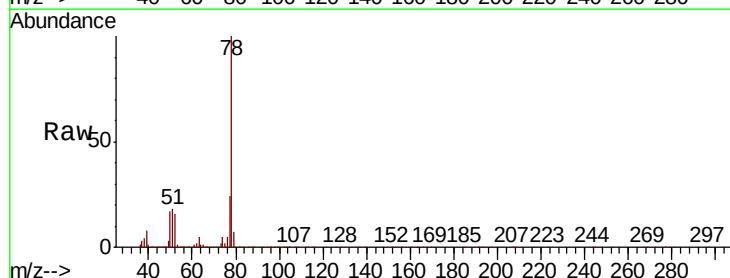


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

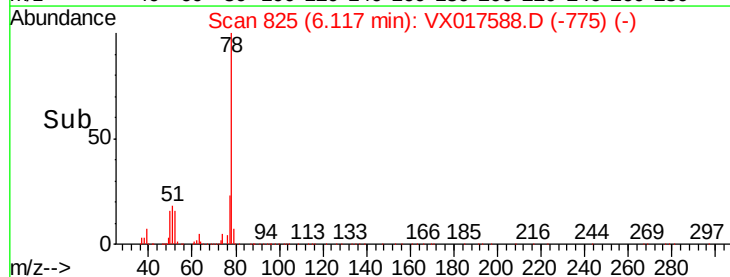
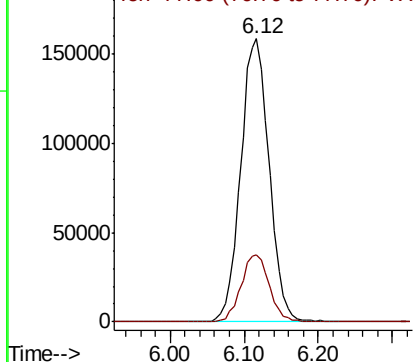


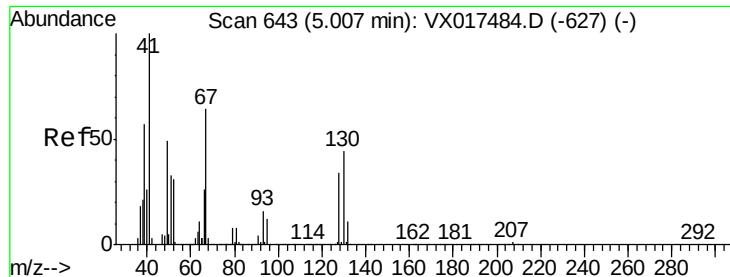
#40
Benzene
Concen: 18.940 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

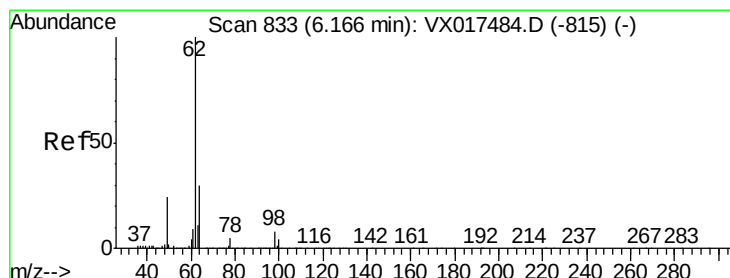
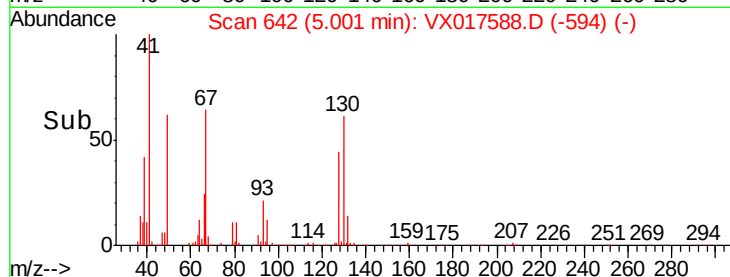
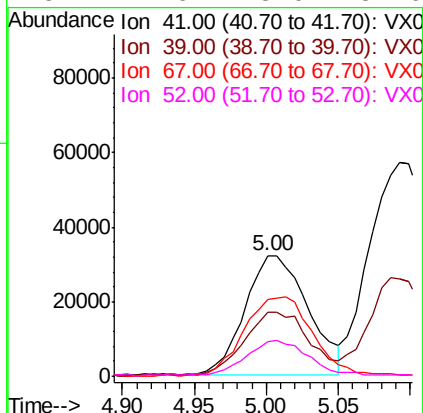
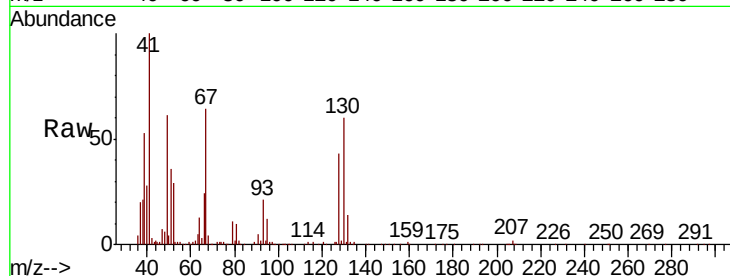




#41
Methacrylonitrile
Concen: 20.169 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

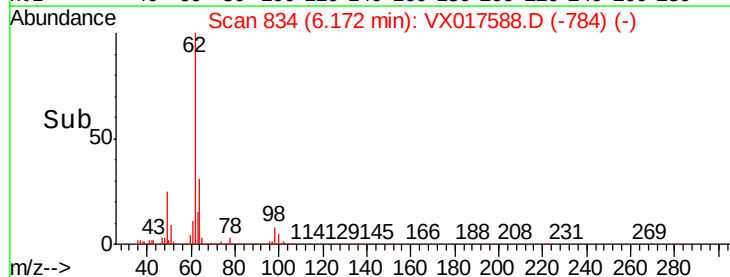
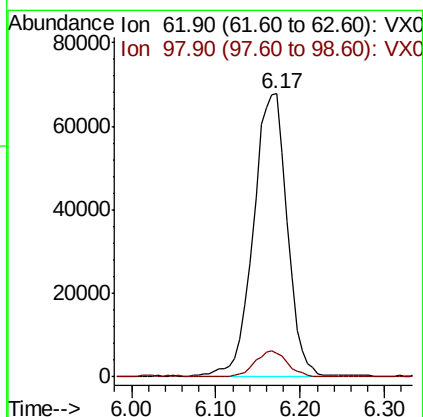
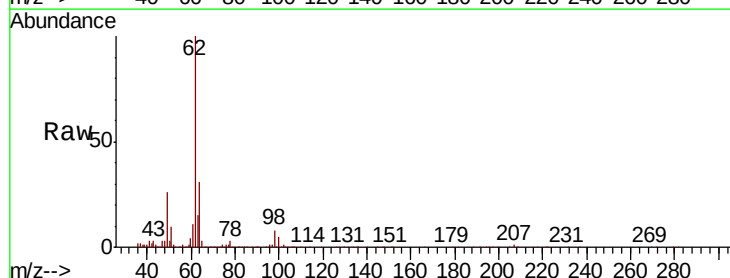
Instrument :
MSVOA_X
ClientSampled :

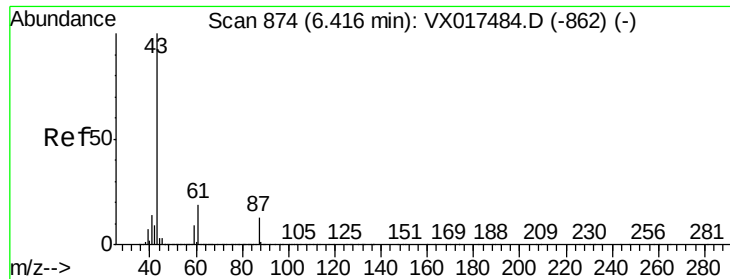
Tot Ion:	41	Resp:	98666
Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.9	65.9
67	70.3	54.0	81.0
52	27.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.216 ug/l
RT: 6.17 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion:	62	Resp:	184958
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.0





#43

Isopropyl Acetate

Concen: 19.339 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

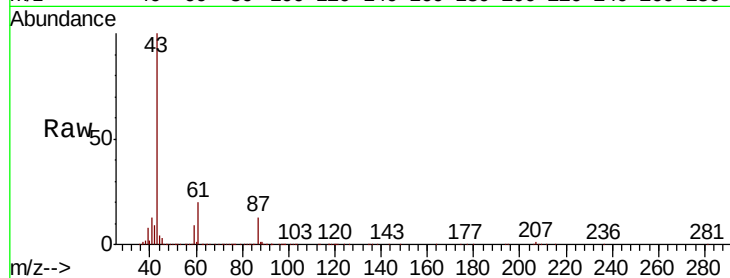
Tot Ion: 43 Resp: 272327

Ion Ratio Lower Upper

43 100

61 19.2 15.5 23.3

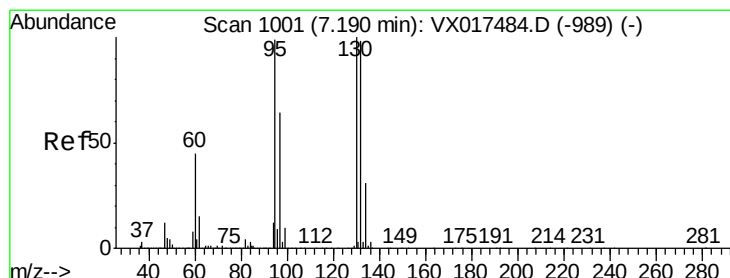
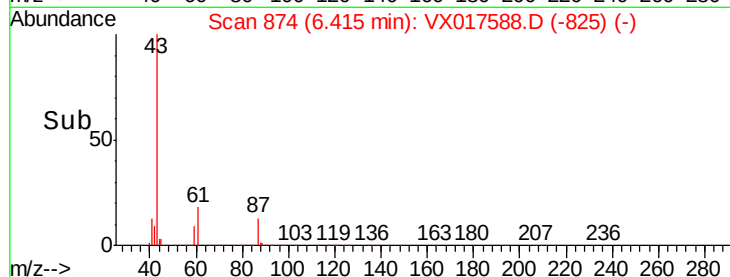
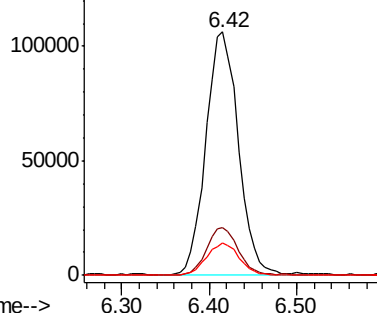
87 13.5 10.5 15.7



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: 19.832 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX017588.D

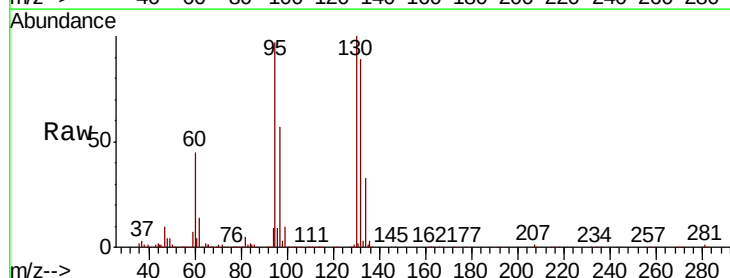
Acq: 25 Jul 2020 12:12

Tgt Ion:130 Resp: 129614

Ion Ratio Lower Upper

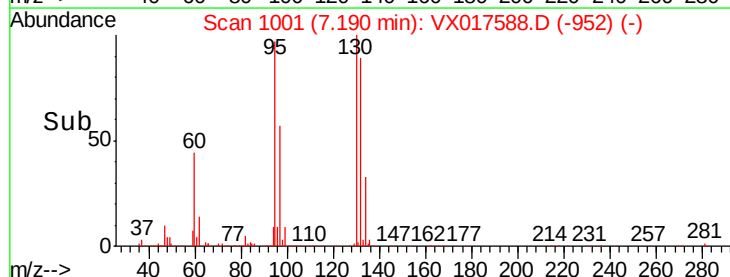
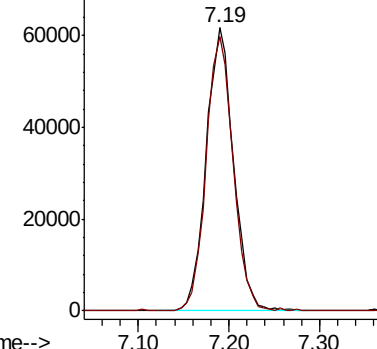
130 100

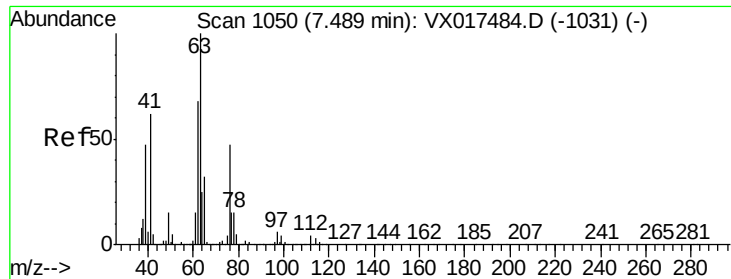
95 96.8 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

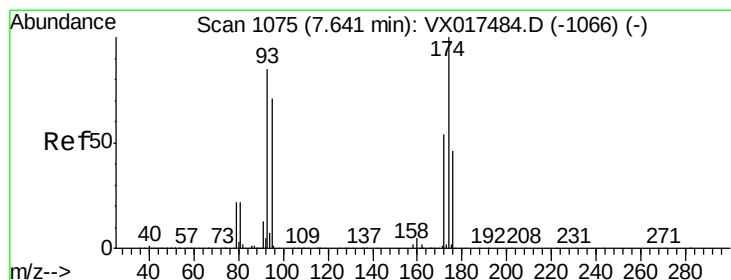
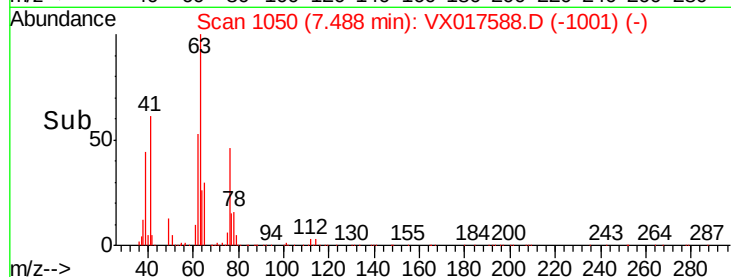
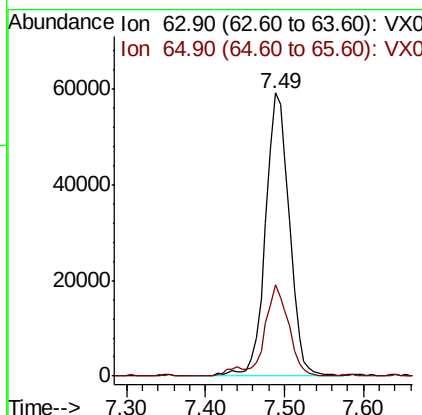
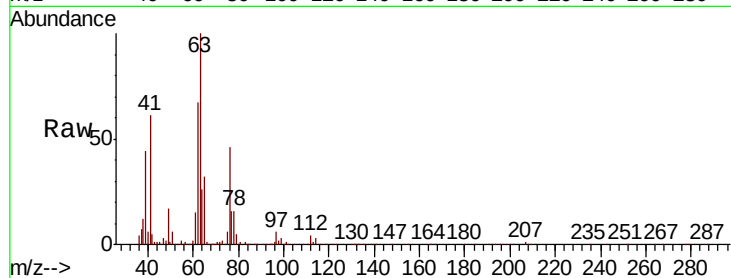




#45
 1,2-Dichloropropane
 Concen: 20.136 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

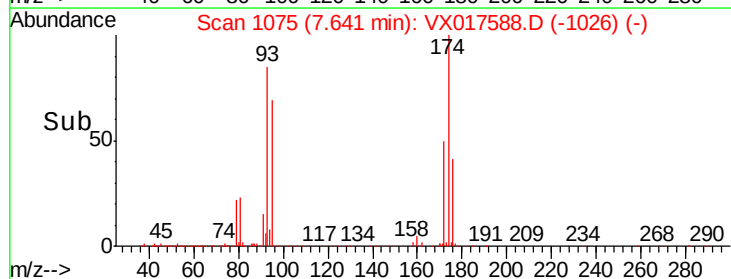
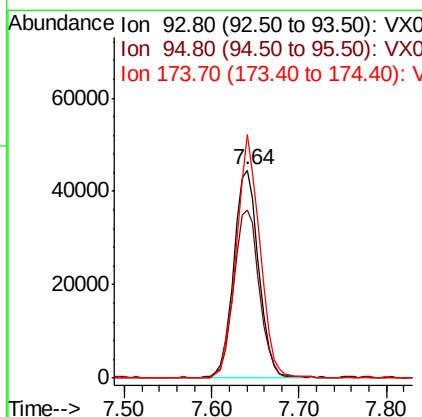
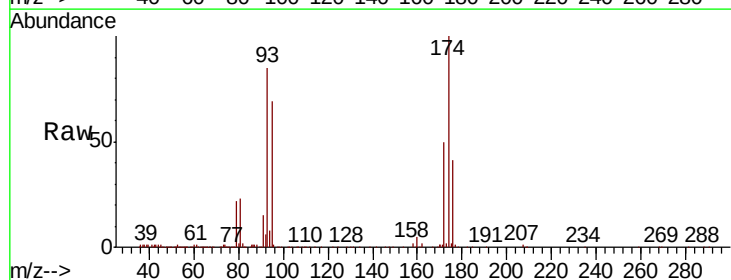
Instrument :
 MSVOA_X
 ClientSampleId :

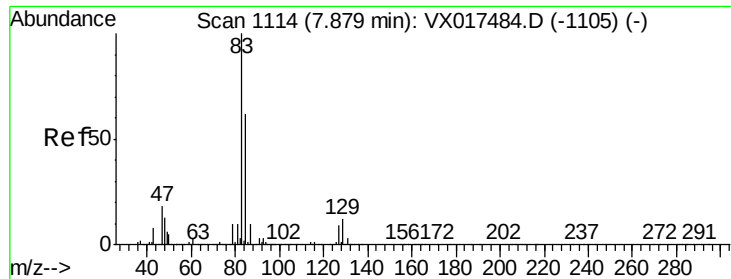
Tot Ion: 63 Resp: 124831
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.5 36.7



#46
 Dibromomethane
 Concen: 20.392 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion: 93 Resp: 89342
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.6 99.8
 174 109.2 87.0 130.6





#47

Bromodichloromethane

Concen: 20.393 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

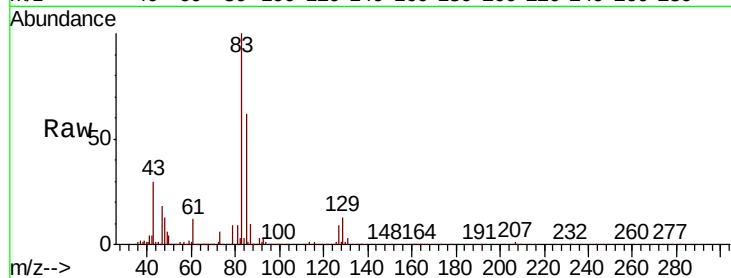
Tot Ion: 83 Resp: 179780

Ion Ratio Lower Upper

83 100

85 62.1 51.8 77.8

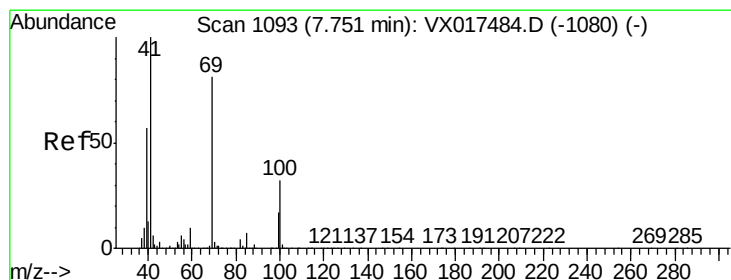
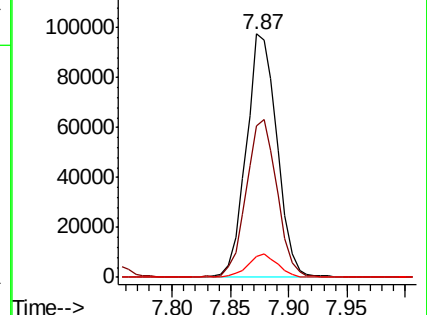
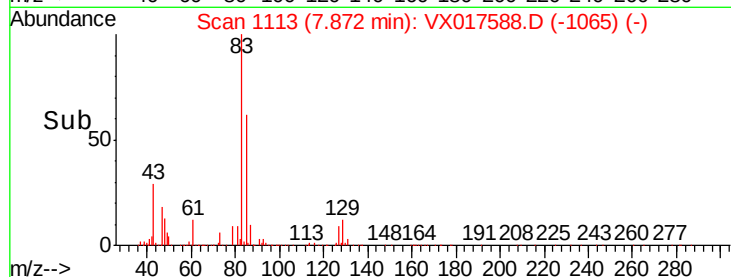
127 8.6 7.4 11.2



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: 20.809 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

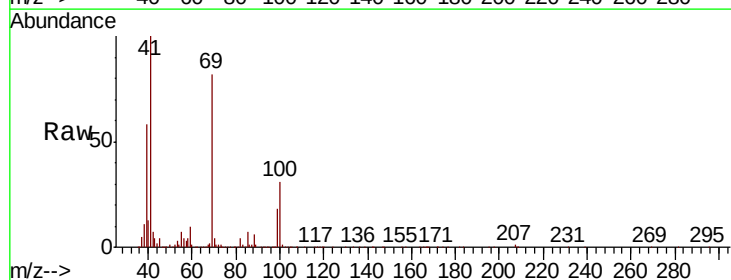
Tgt Ion: 41 Resp: 145250

Ion Ratio Lower Upper

41 100

69 82.5 63.1 94.7

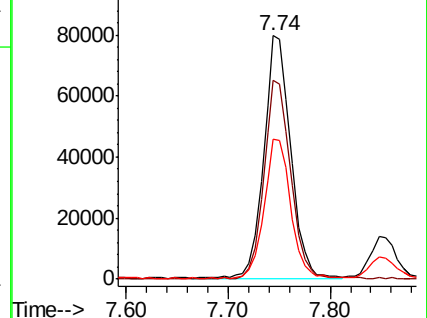
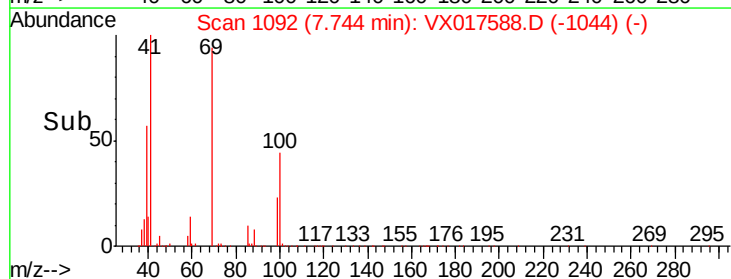
39 58.5 45.1 67.7

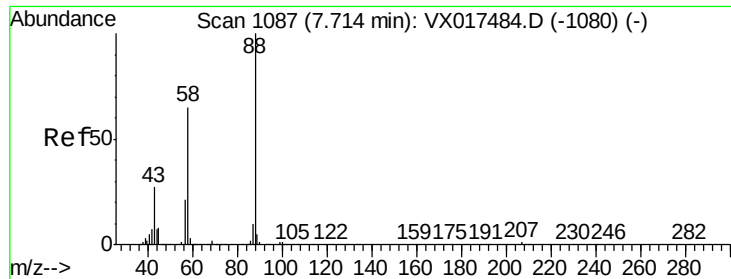


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 489.081 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

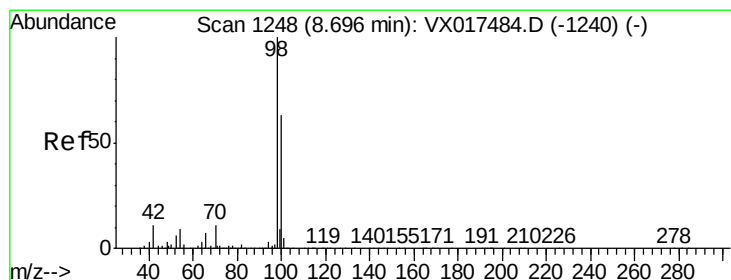
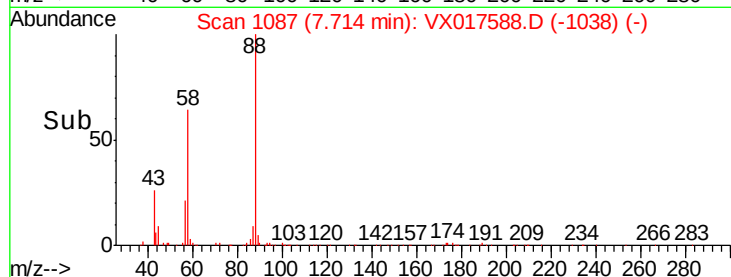
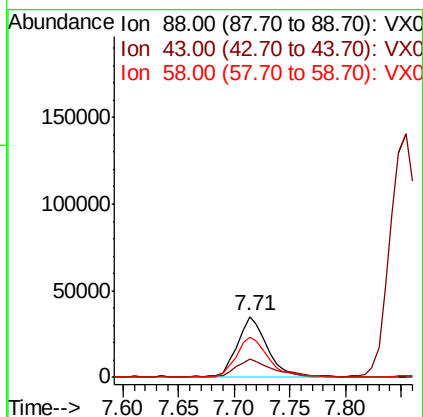
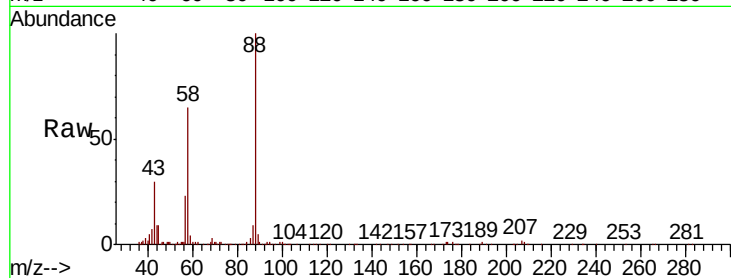
Tot Ion: 88 Resp: 65453

Ion Ratio Lower Upper

88 100

43 34.6 27.8 41.6

58 70.2 58.3 87.5



#50

Toluene-d8

Concen: 49.316 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017588.D

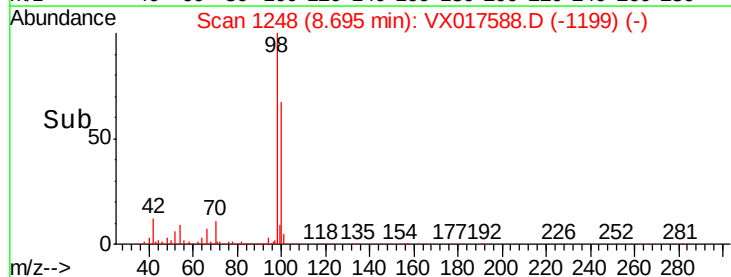
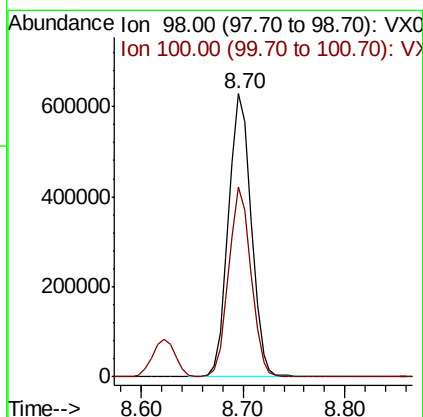
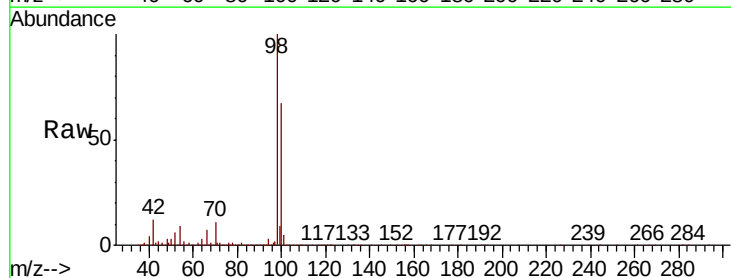
Acq: 25 Jul 2020 12:12

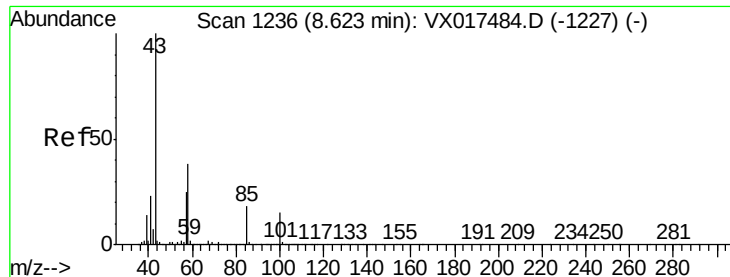
Tgt Ion: 98 Resp: 967713

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5

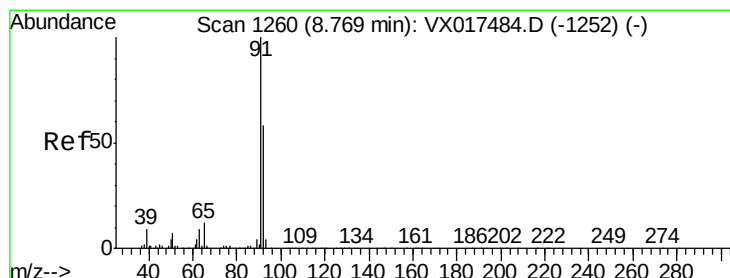
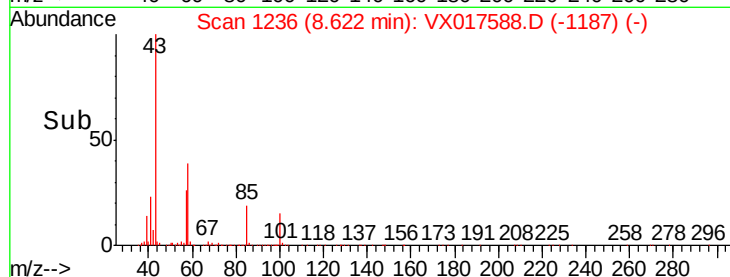
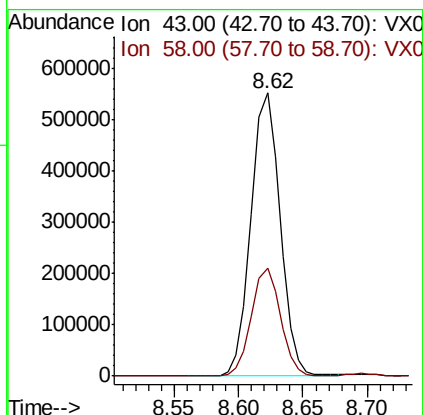
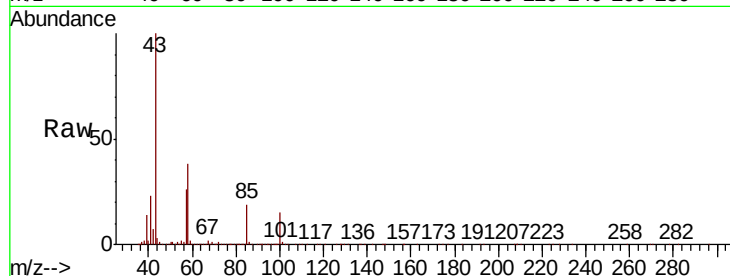




#51
4-Methyl-2-Pentanone
Concen: 102.674 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

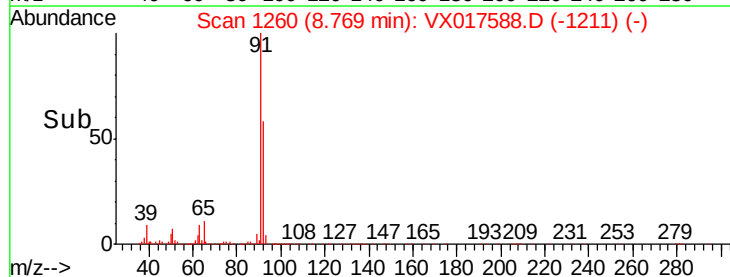
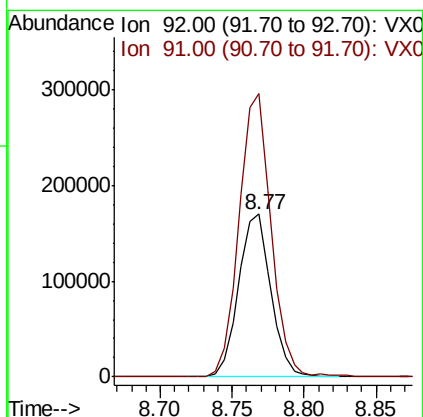
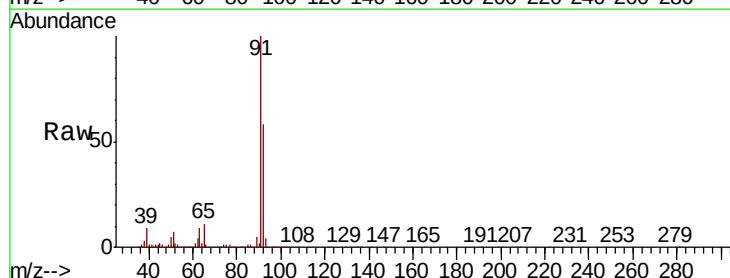
Instrument :
MSVOA_X
ClientSampled :

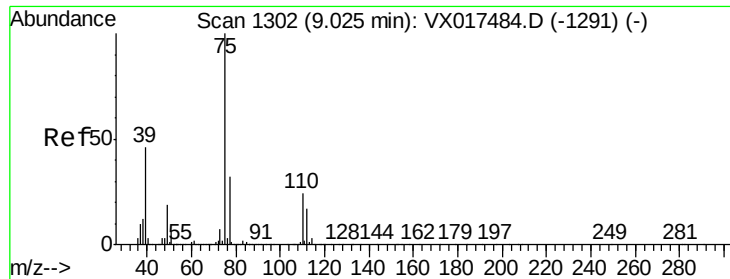
Tot Ion: 43 Resp: 862678
Ion Ratio Lower Upper
43 100
58 38.2 31.0 46.4



#52
Toluene
Concen: 18.416 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 92 Resp: 264126
Ion Ratio Lower Upper
92 100
91 173.1 137.6 206.4

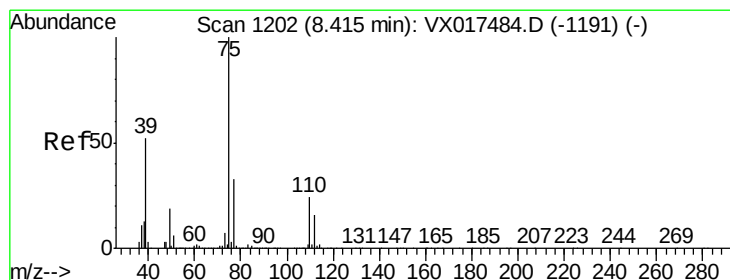
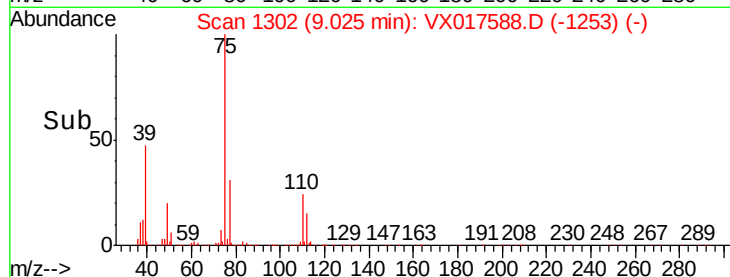
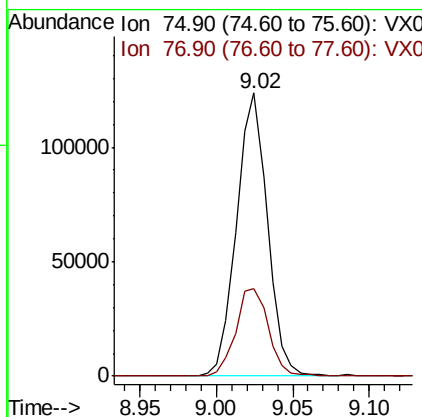
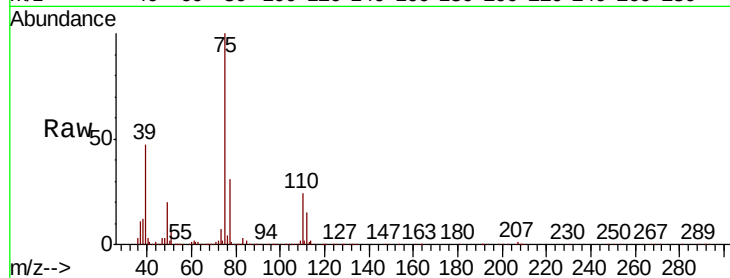




#53
t-1,3-Dichloropropene
Concen: 17.596 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

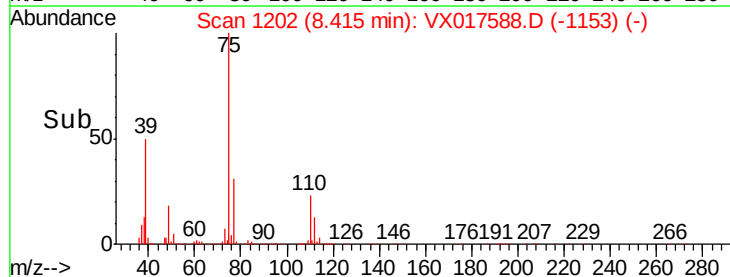
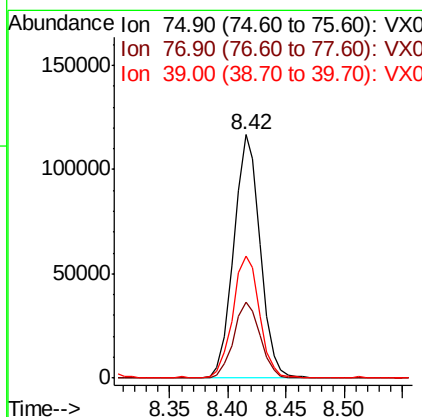
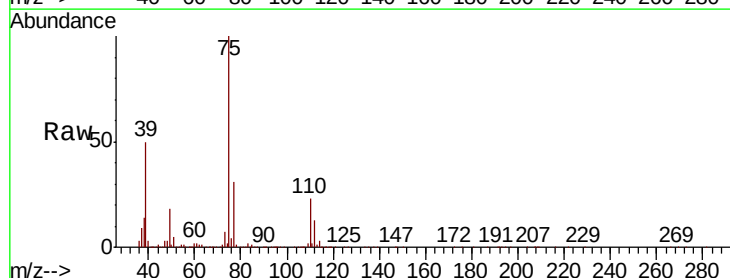
Instrument :
MSVOA_X
ClientSampled :

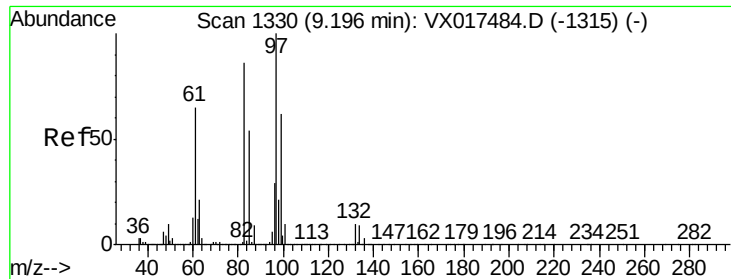
Tot Ion: 75 Resp: 173640
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 18.179 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 75 Resp: 182981
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 49.7 41.8 62.8

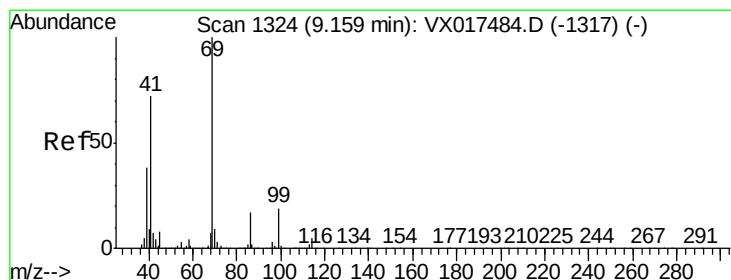
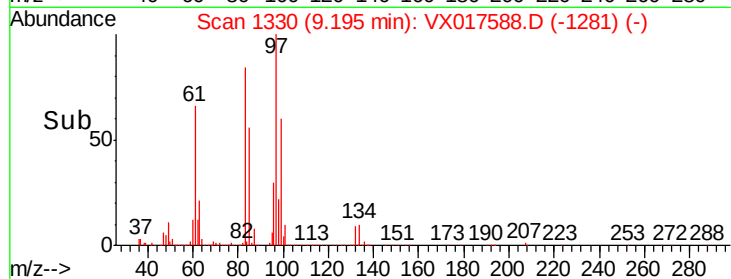
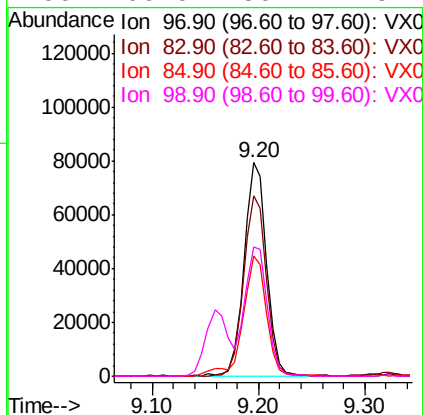
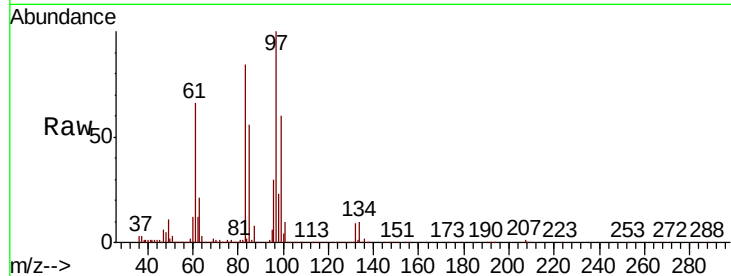




#55
 1,1,2-Trichloroethane
 Concen: 19.717 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

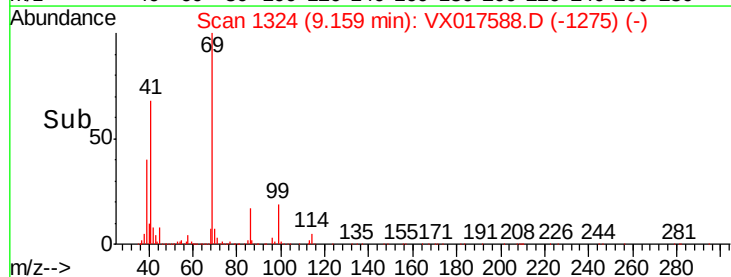
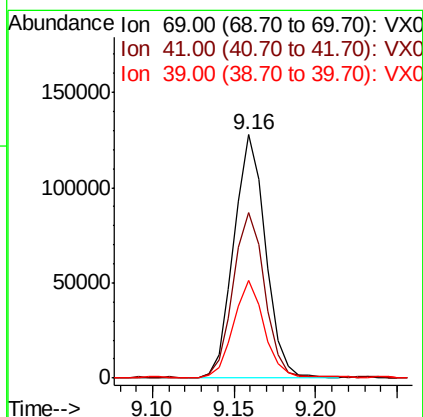
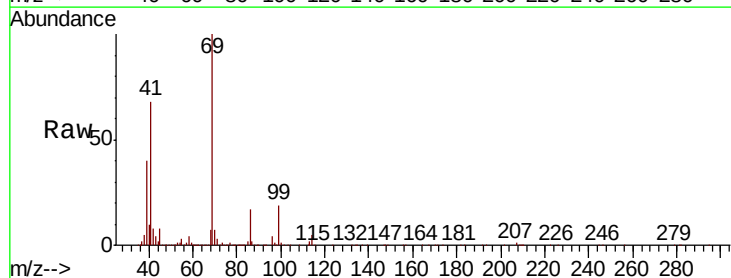
Instrument :
 MSVOA_X
 ClientSampleId :

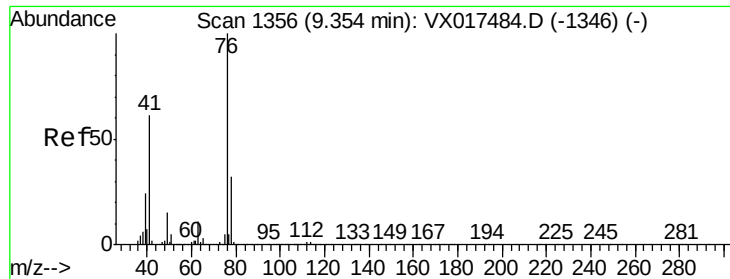
Tot Ion:	97	Resp:	117798
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.6	101.4
85	56.1	44.6	67.0
99	60.0	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 19.248 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion:	69	Resp:	173251
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.0	82.6
39	38.7	30.0	45.0





#57

1,3-Dichloropropane

Concen: 19.377 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

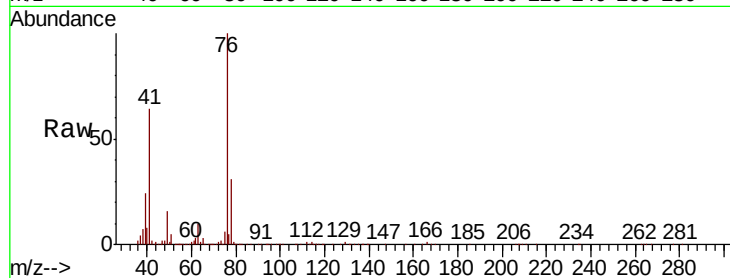
ClientSampleId :

Tot Ion: 76 Resp: 190625

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

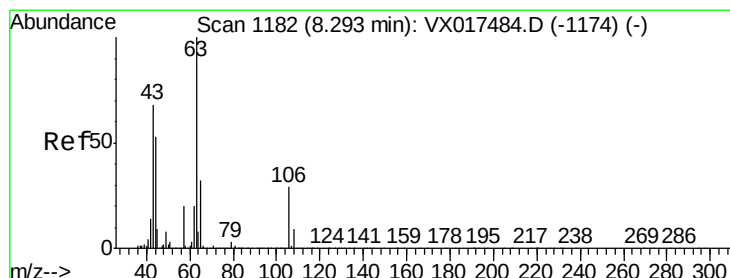
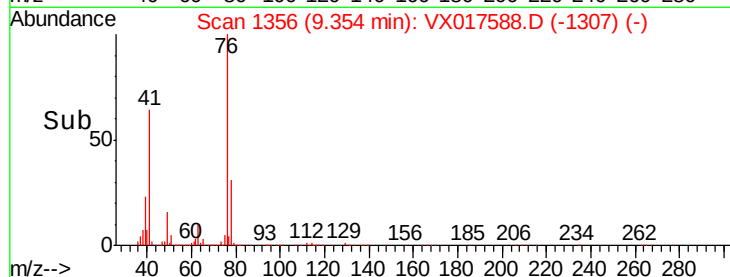
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 86.922 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX017588.D

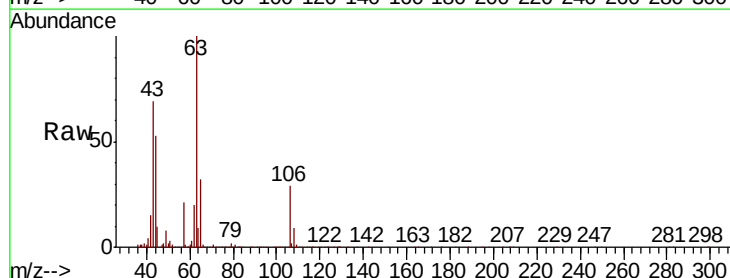
Acq: 25 Jul 2020 12:12

Tgt Ion: 63 Resp: 412200

Ion Ratio Lower Upper

63 100

106 28.5 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

300000

250000

200000

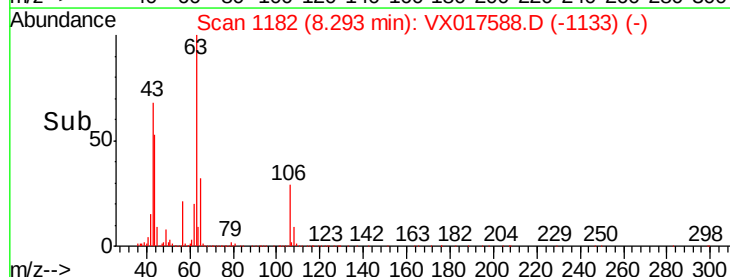
150000

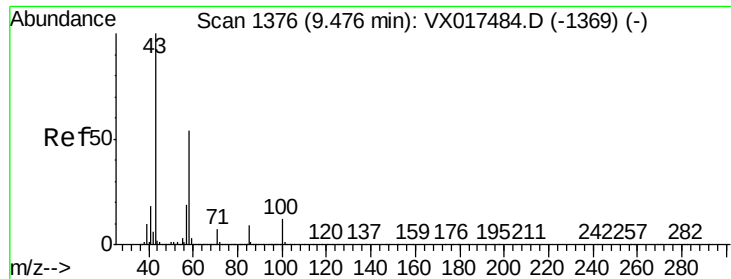
100000

50000

0

Time--> 8.20 8.25 8.30 8.35 8.40

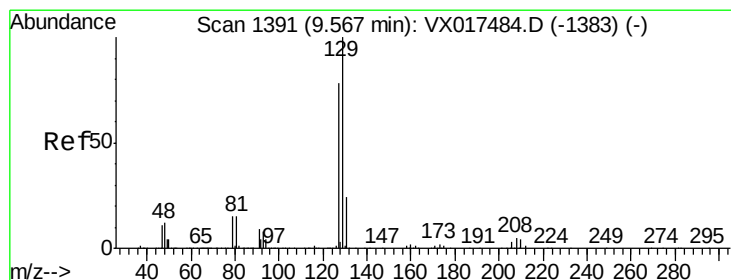
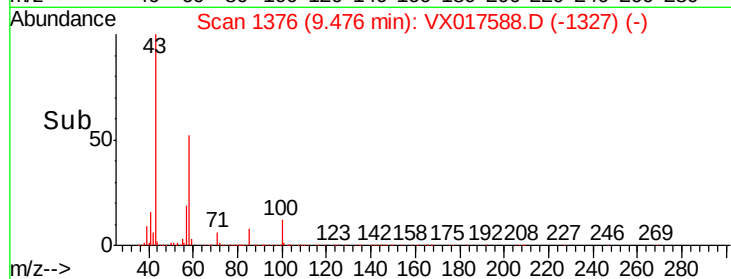
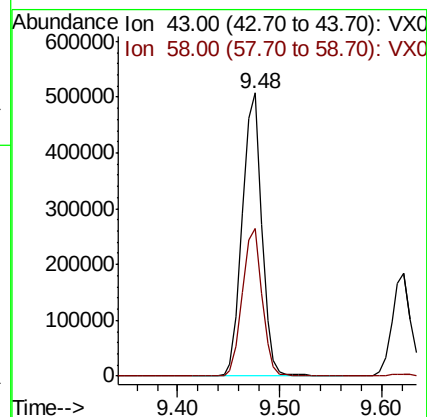
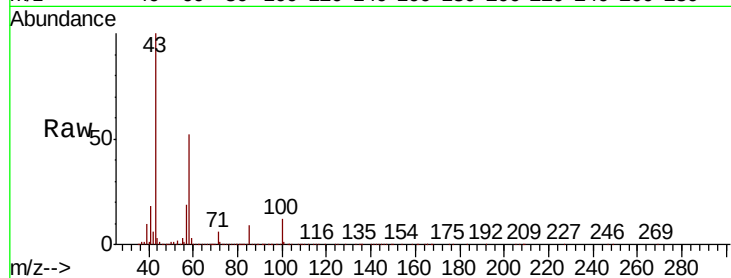




#59
2-Hexanone
Concen: 105.077 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

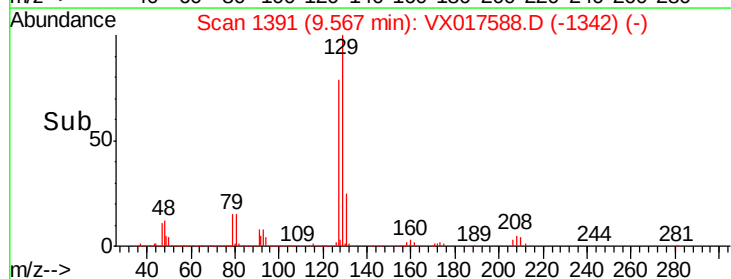
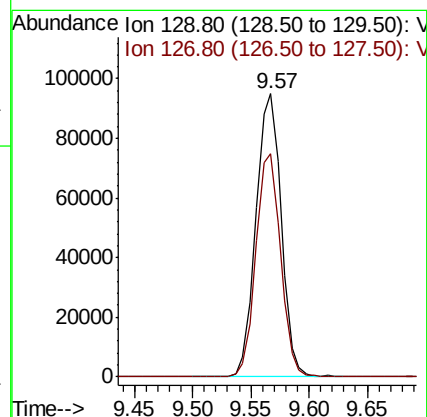
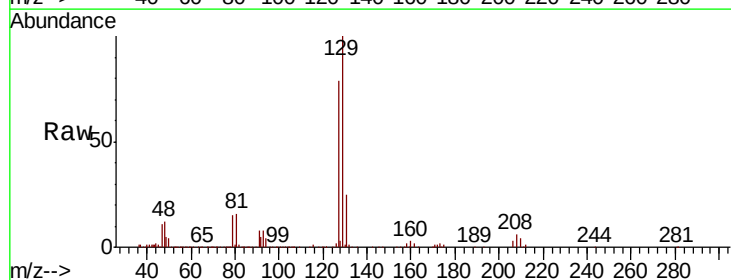
Instrument :
MSVOA_X
ClientSampleId :

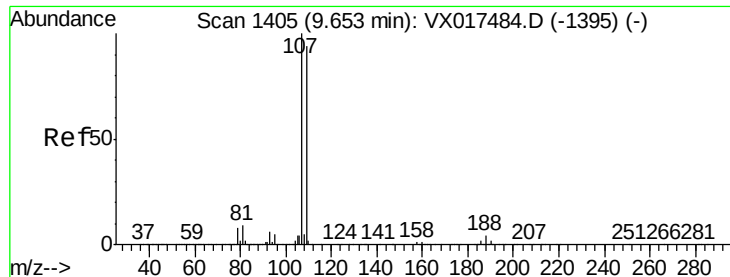
Tot Ion: 43 Resp: 664705
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.8



#60
Dibromochloromethane
Concen: 18.936 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 129 Resp: 143795
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.006 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

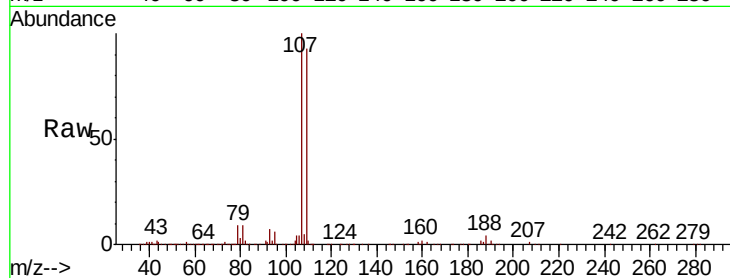
ClientSampleId :

Tot Ion:107 Resp: 127255

Ion Ratio Lower Upper

107 100

109 92.3 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

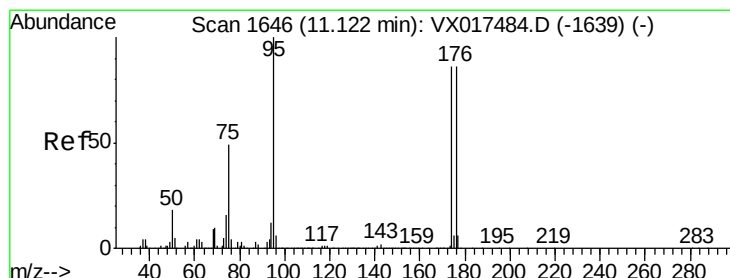
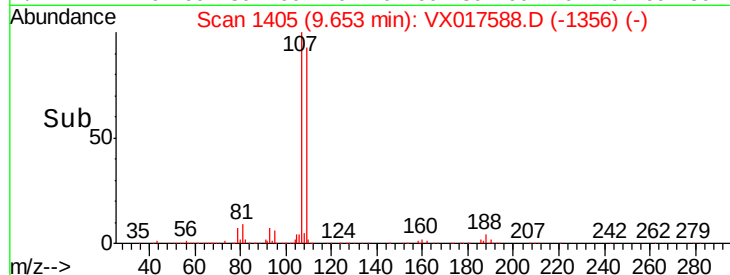
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.634 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

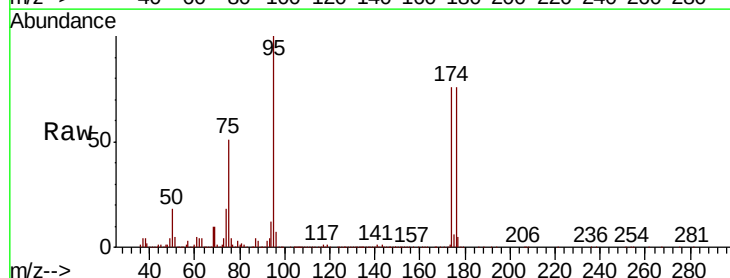
Tgt Ion: 95 Resp: 366220

Ion Ratio Lower Upper

95 100

174 80.9 0.0 169.0

176 80.1 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

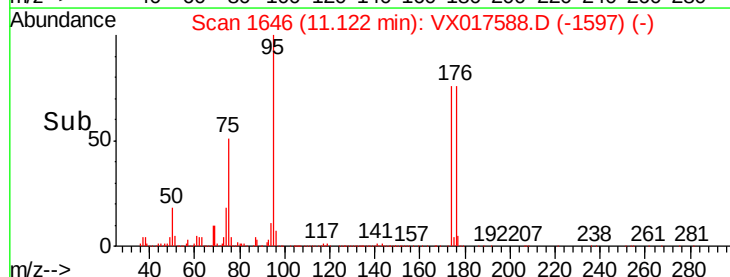
300000

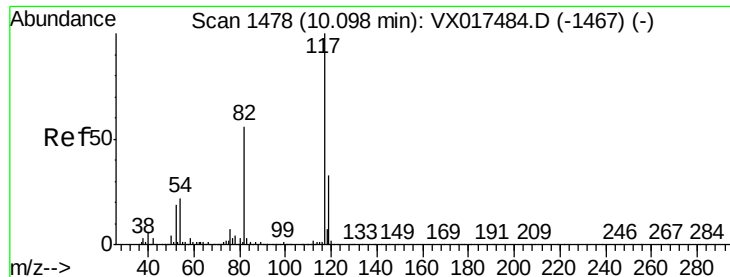
200000

100000

0

Time-->

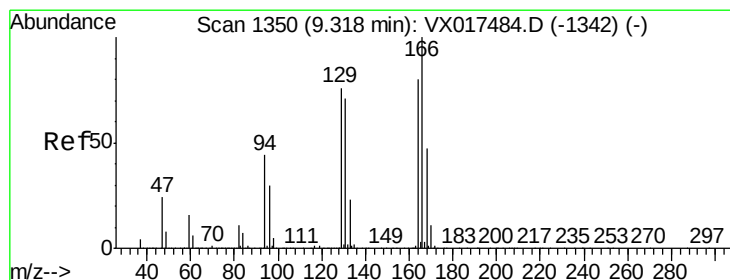
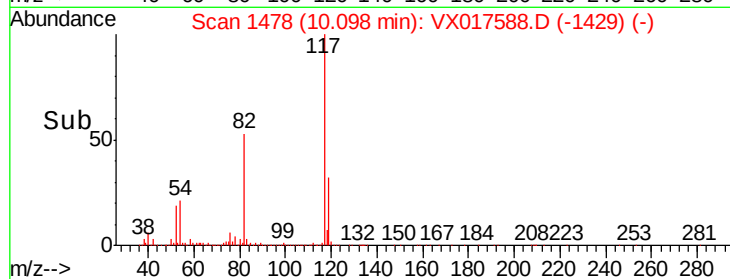
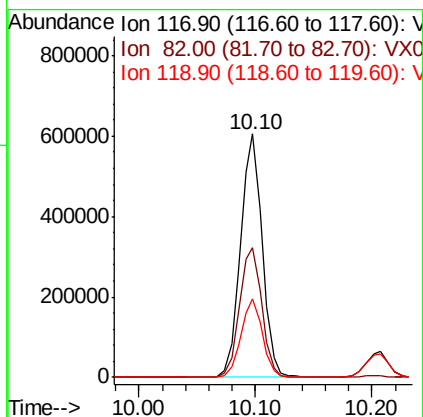
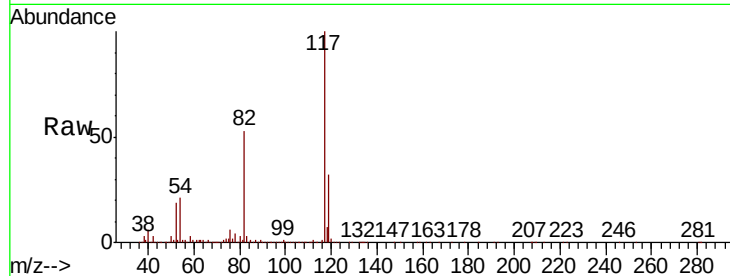




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

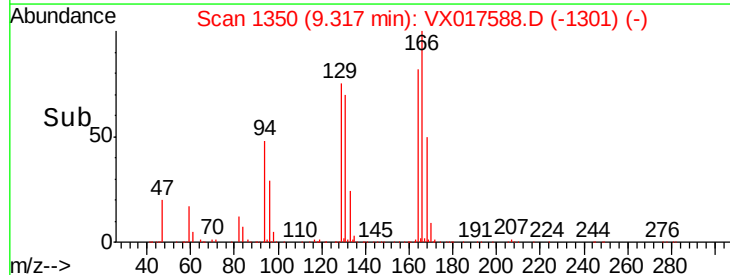
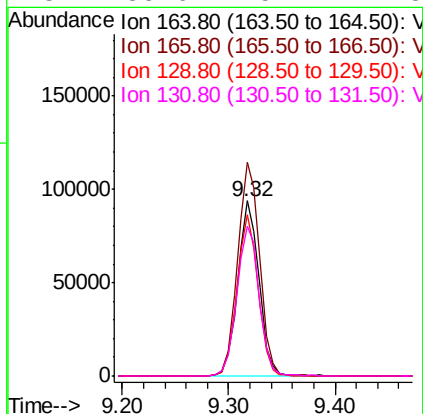
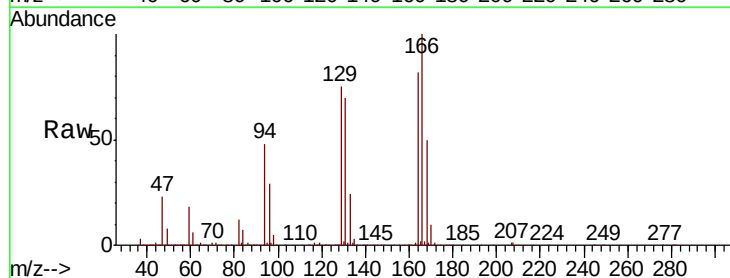
Instrument :
MSVOA_X
ClientSampleId :

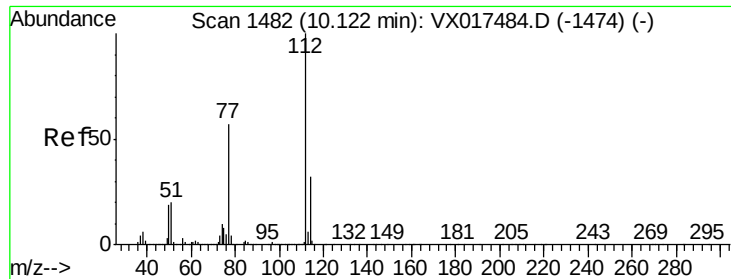
Tot Ion:117 Resp: 784698
Ion Ratio Lower Upper
117 100
82 53.4 44.0 66.0
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 18.603 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion:164 Resp: 131022
Ion Ratio Lower Upper
164 100
166 122.2 100.6 150.8
129 92.1 75.0 112.6
131 85.6 75.2 112.8

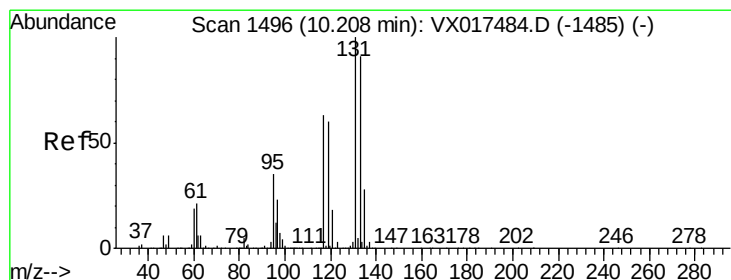
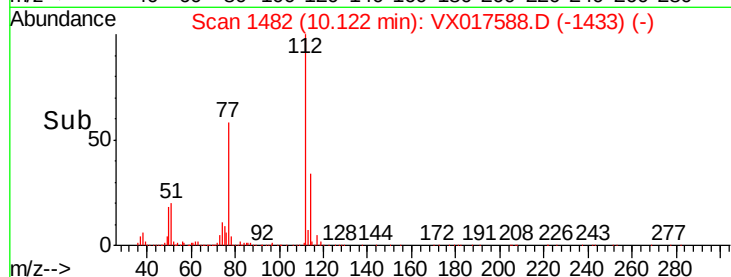
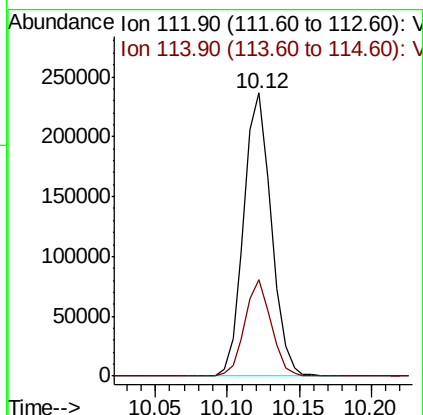




#65
Chlorobenzene
Concen: 18.478 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

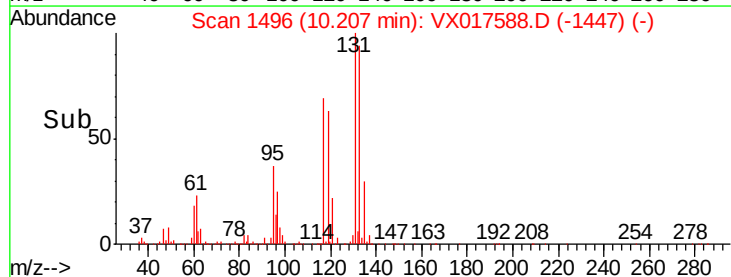
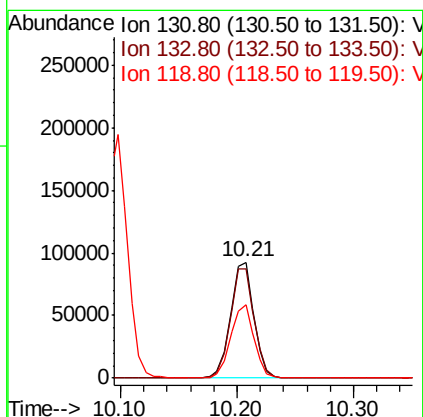
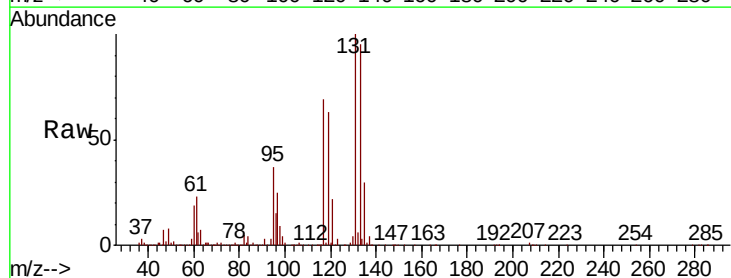
Instrument :
MSVOA_X
ClientSampled :

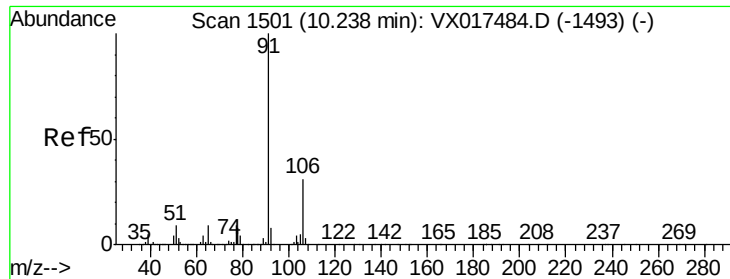
Tot Ion:112 Resp: 313843
Ion Ratio Lower Upper
112 100
114 33.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.868 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion:131 Resp: 129337
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 63.0 31.1 93.3

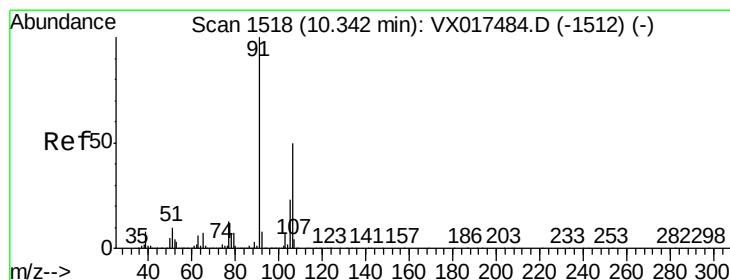
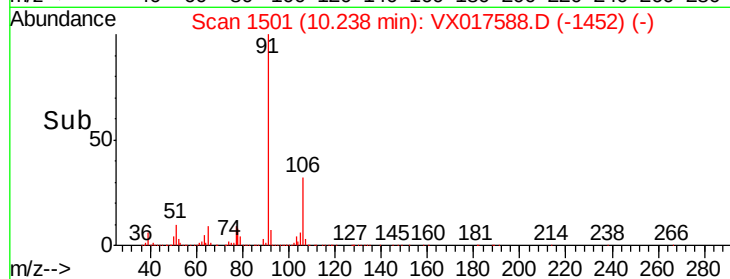
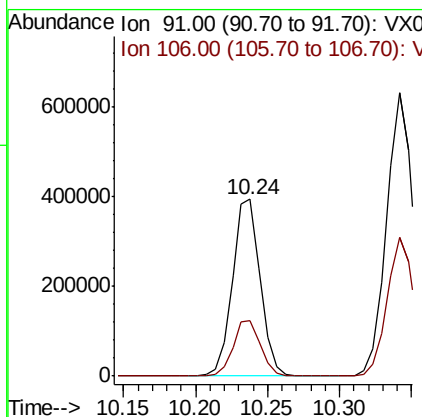
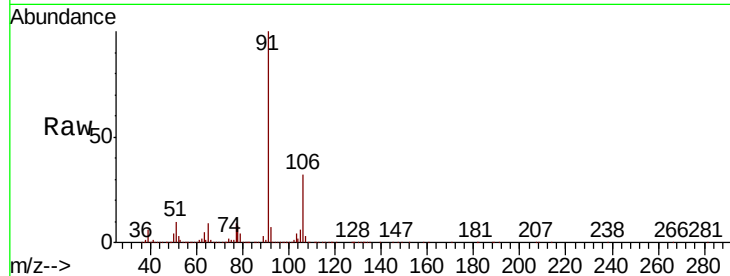




#67
Ethyl Benzene
Concen: 18.715 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

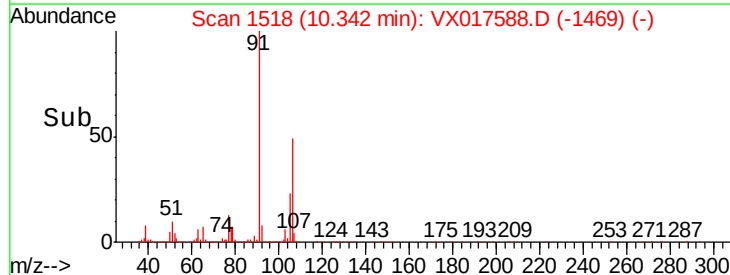
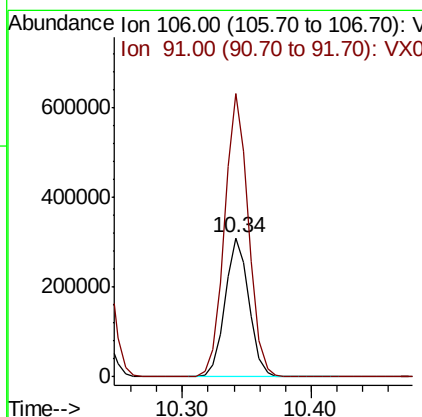
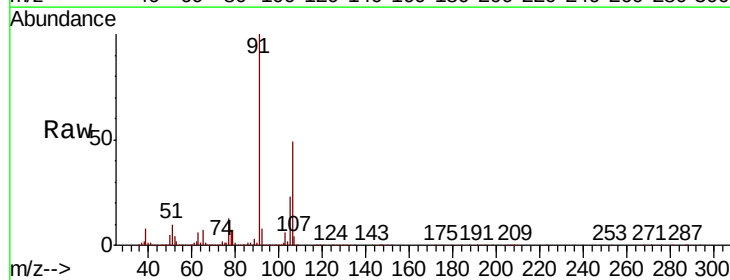
Instrument :
MSVOA_X
ClientSampleId :

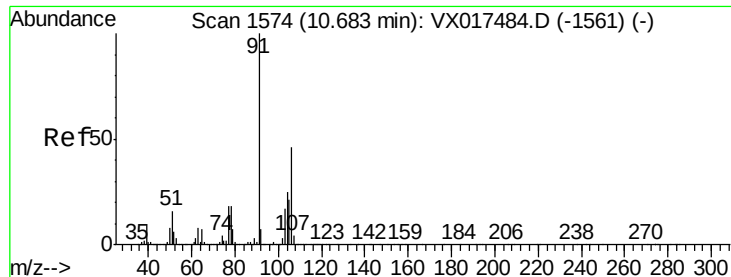
Tot Ion: 91 Resp: 530612
Ion Ratio Lower Upper
91 100
106 31.8 25.8 38.6



#68
m/p-Xylenes
Concen: 36.898 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 106 Resp: 405278
Ion Ratio Lower Upper
106 100
91 203.5 160.9 241.3

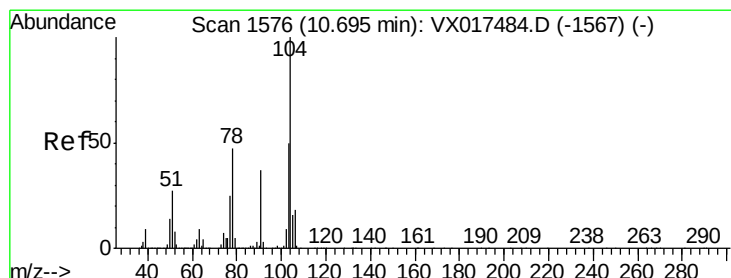
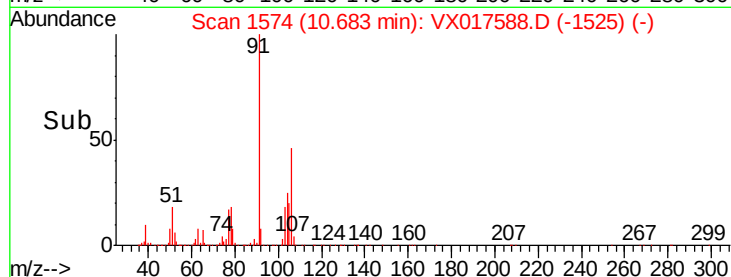
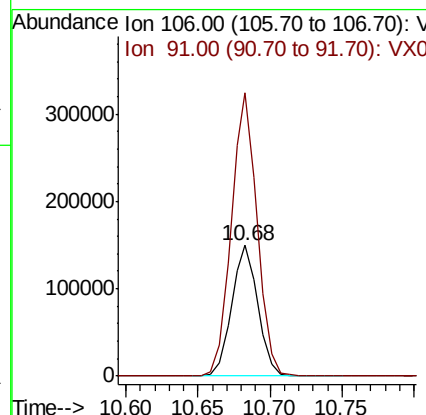
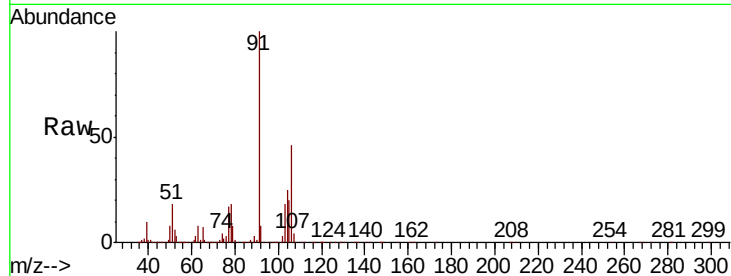




#69
o-Xylene
Concen: 18.080 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

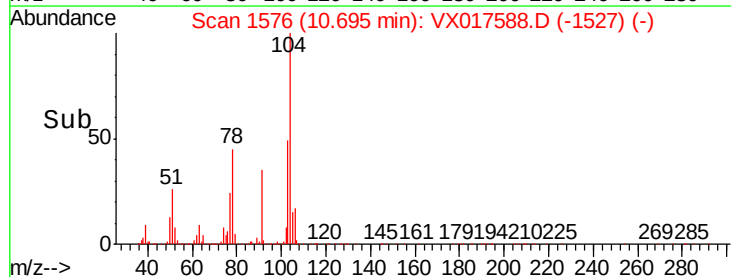
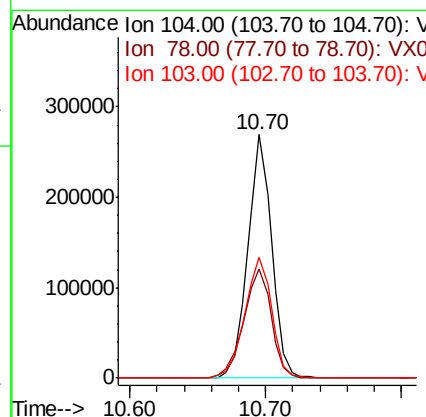
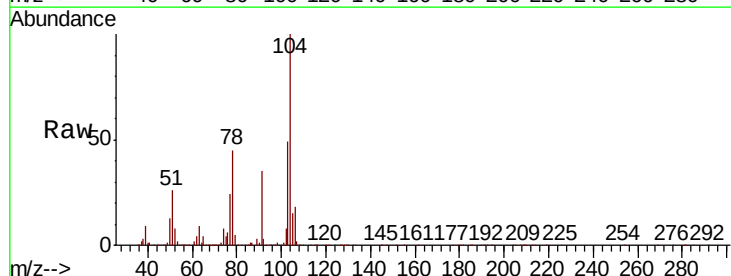
Instrument :
MSVOA_X
ClientSampleId :

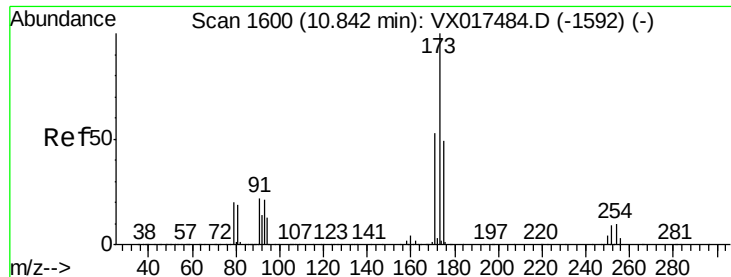
Tot Ion:106 Resp: 190996
Ion Ratio Lower Upper
106 100
91 213.7 108.2 324.6



#70
Styrene
Concen: 18.435 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion:104 Resp: 331336
Ion Ratio Lower Upper
104 100
78 51.6 42.5 63.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 17.929 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

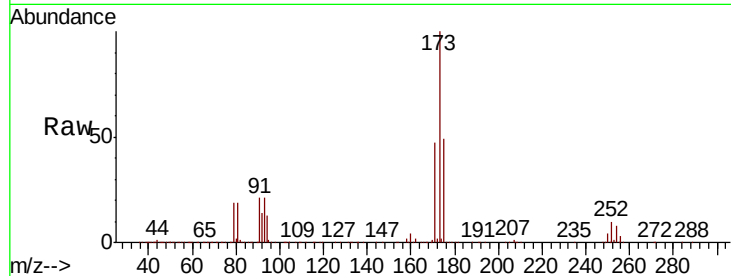
Tot Ion:173 Resp: 106479

Ion Ratio Lower Upper

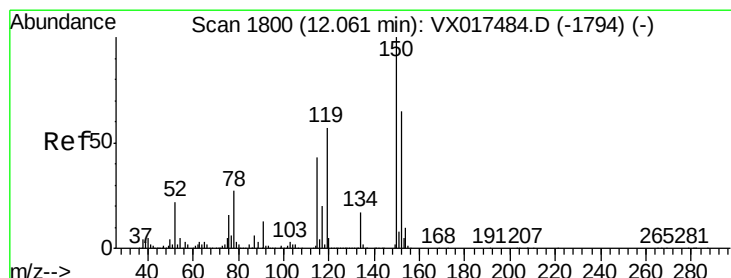
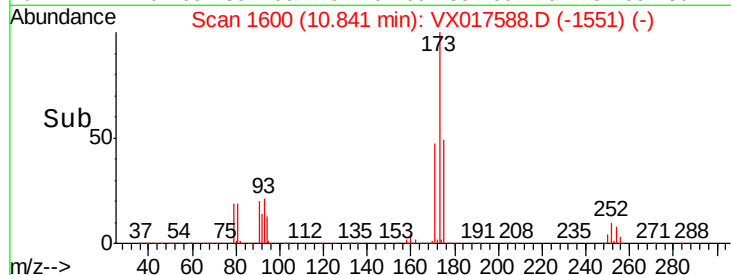
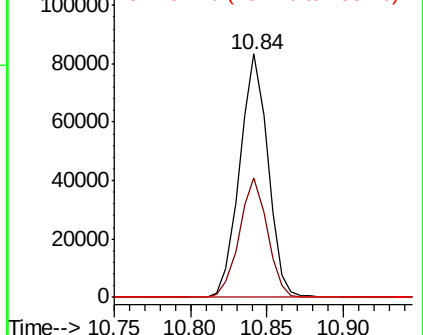
173 100

175 48.8 23.8 71.5

254 0.1 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: VX017588.D

Acq: 25 Jul 2020 12:12

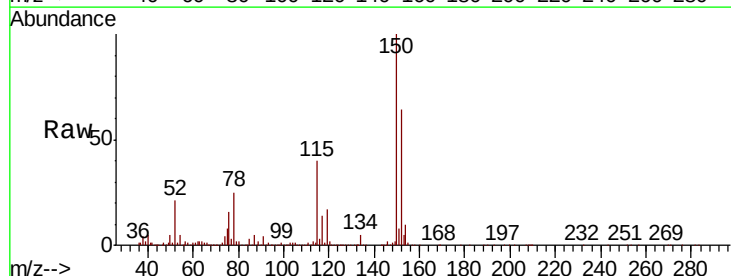
Tgt Ion:152 Resp: 393661

Ion Ratio Lower Upper

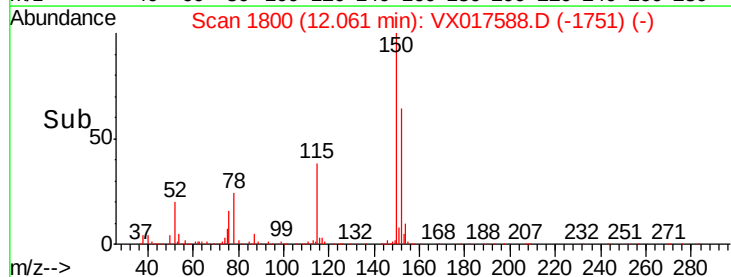
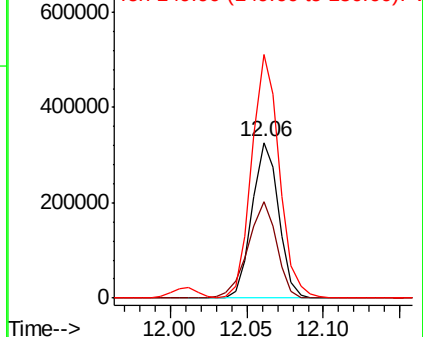
152 100

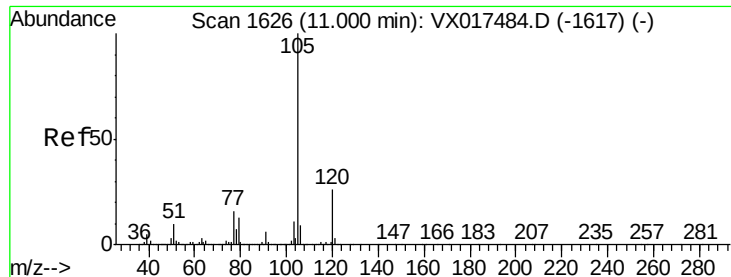
115 67.0 65.5 196.6

150 163.1 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: 17.541 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

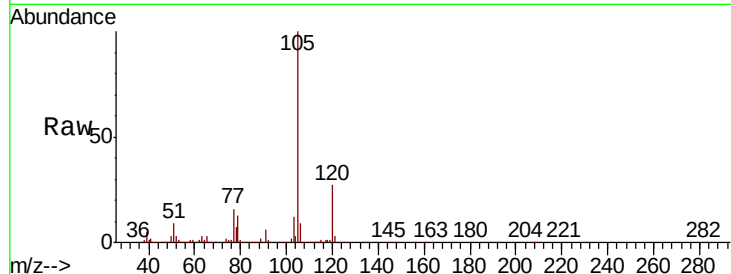
ClientSampleId :

Tot Ion:105 Resp: 473710

Ion Ratio Lower Upper

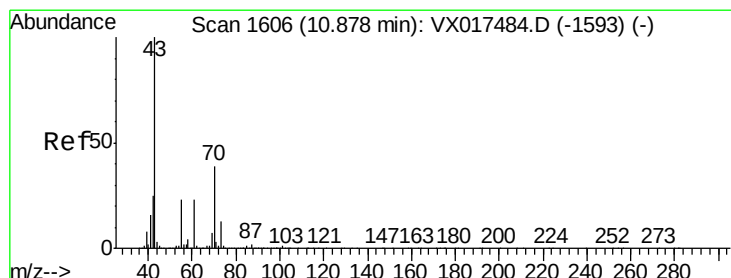
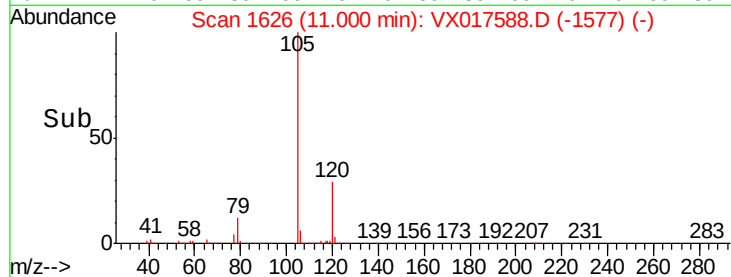
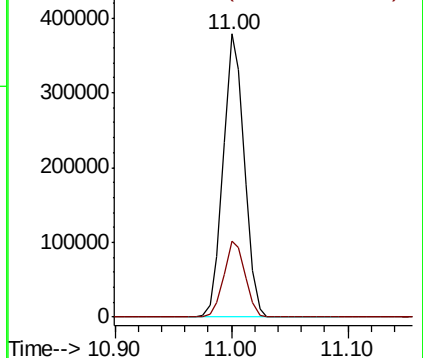
105 100

120 27.3 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.116 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Tgt Ion: 43 Resp: 229367

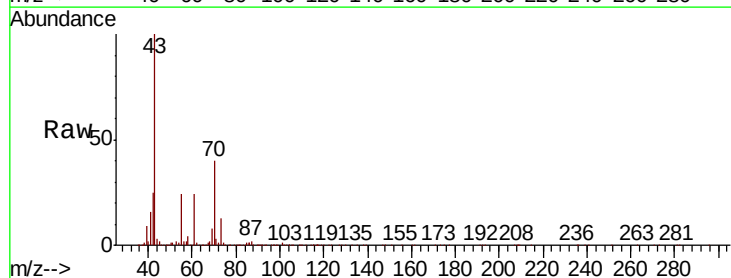
Ion Ratio Lower Upper

43 100

70 40.3 32.3 48.5

55 24.2 18.4 27.6

61 23.8 18.6 28.0

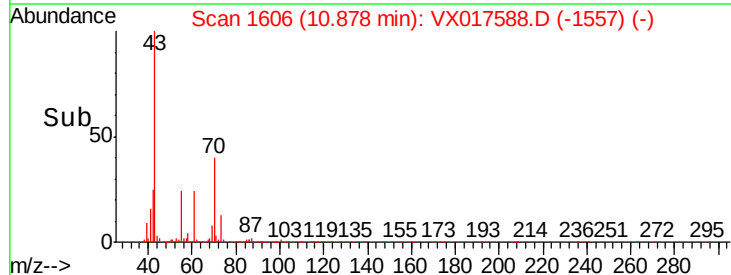
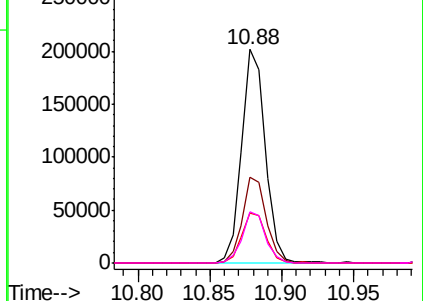


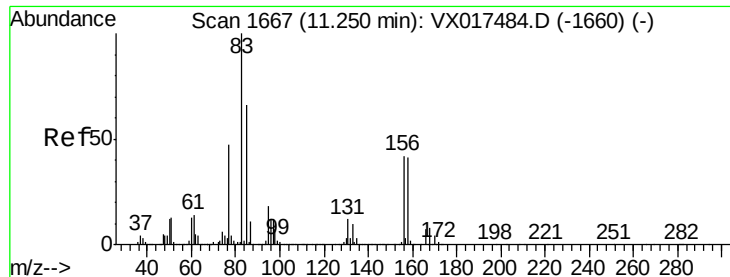
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.345 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

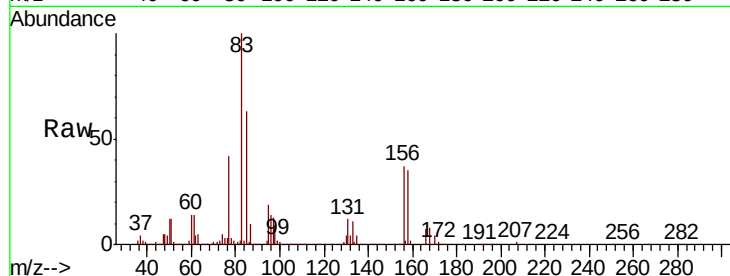
Tot Ion: 83 Resp: 154638

Ion Ratio Lower Upper

83 100

131 11.8 5.5 16.5

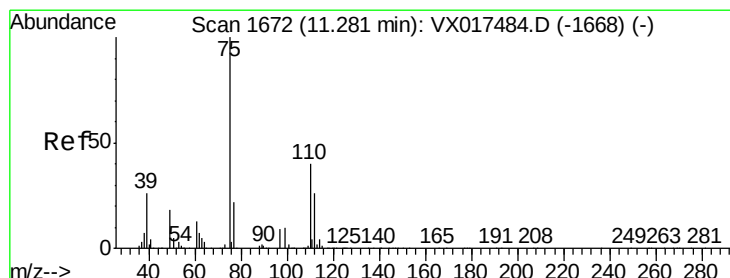
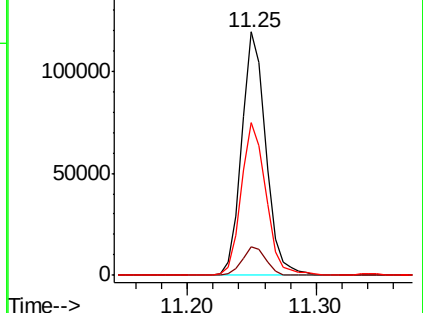
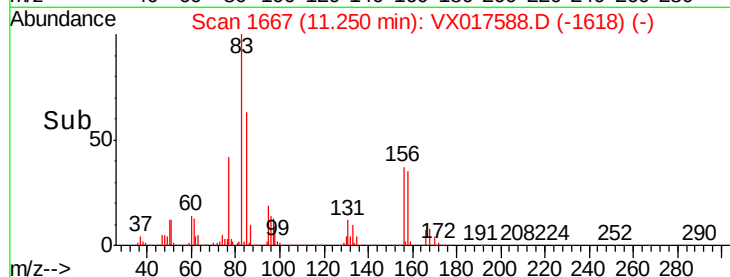
85 64.7 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.176 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017588.D

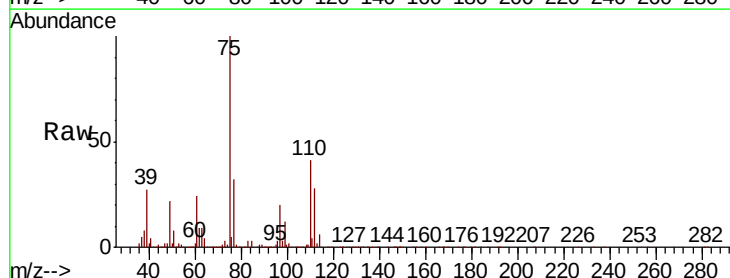
Acq: 25 Jul 2020 12:12

Tgt Ion: 75 Resp: 187674

Ion Ratio Lower Upper

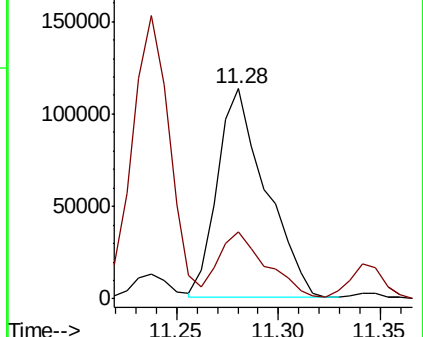
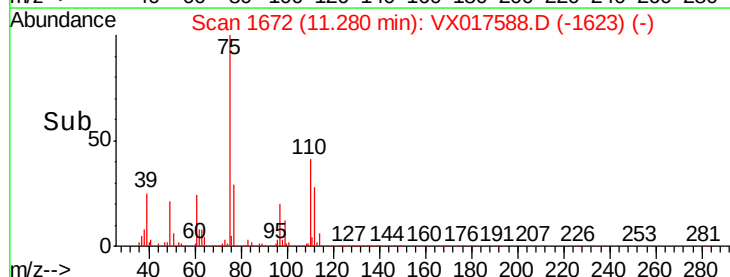
75 100

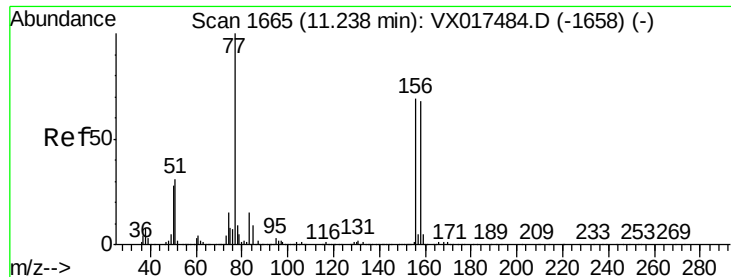
77 31.5 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.782 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

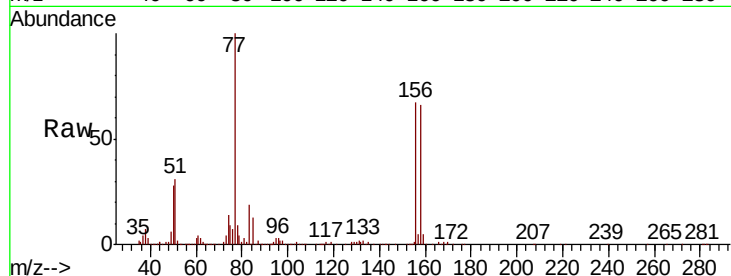
Tot Ion:156 Resp: 134436

Ion Ratio Lower Upper

156 100

77 146.3 75.0 225.0

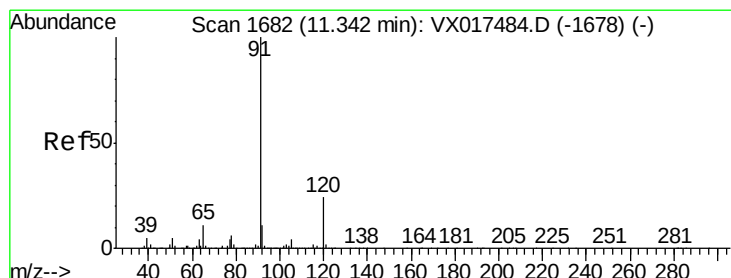
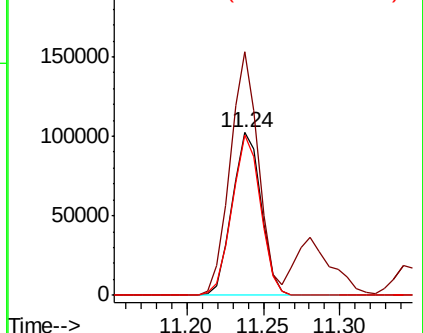
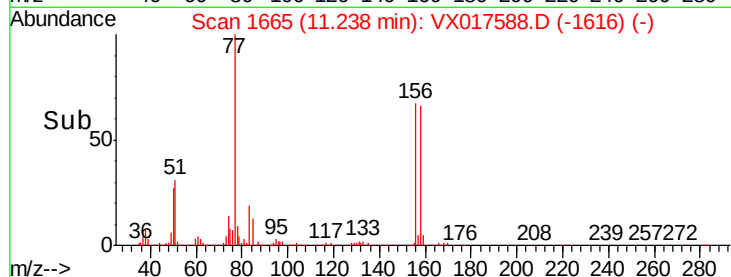
158 97.6 49.1 147.3



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: 17.066 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017588.D

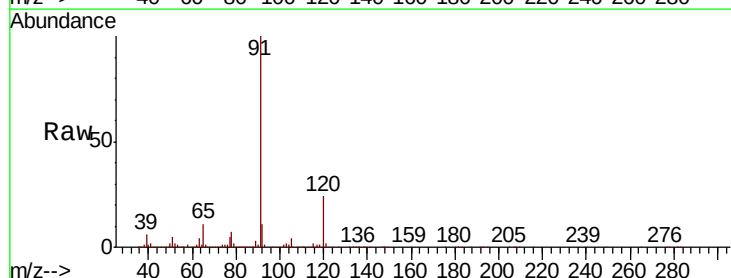
Acq: 25 Jul 2020 12:12

Tgt Ion: 91 Resp: 519802

Ion Ratio Lower Upper

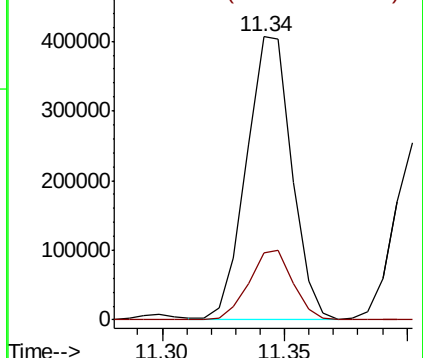
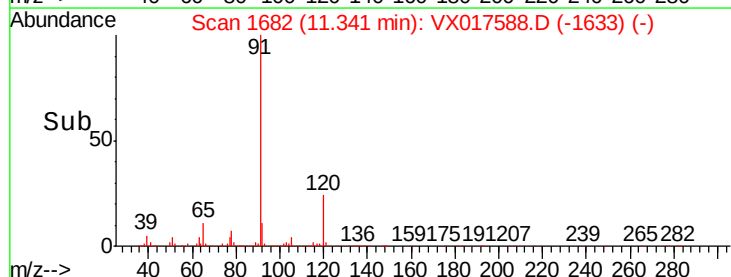
91 100

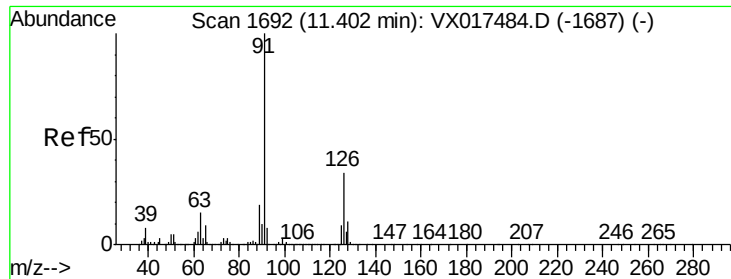
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

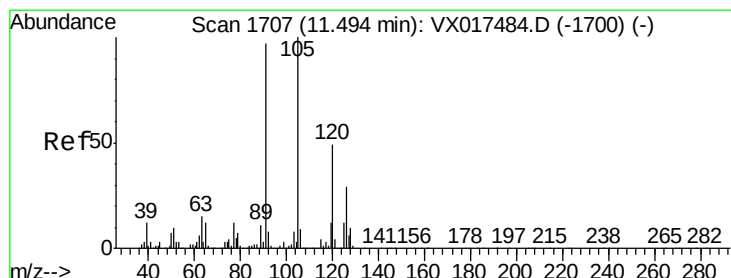
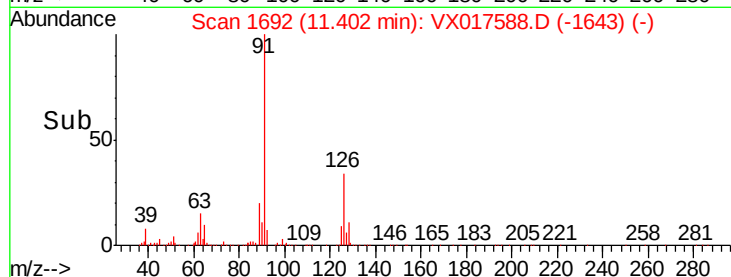
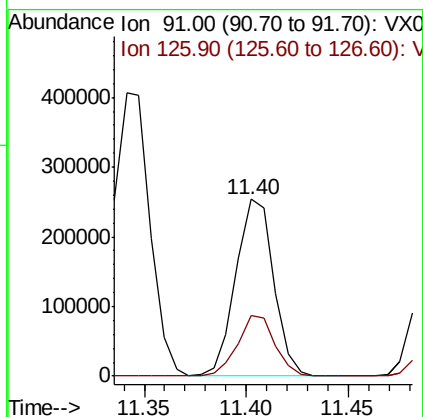
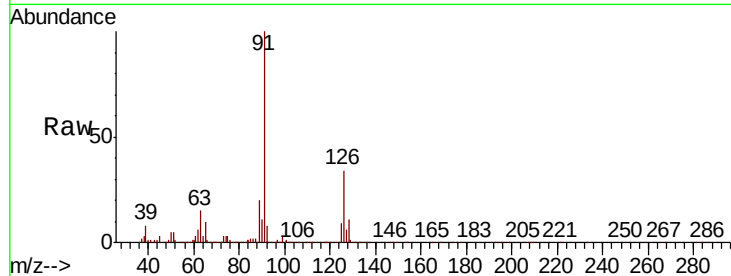




#79
 2-Chlorotoluene
 Concen: 17.214 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

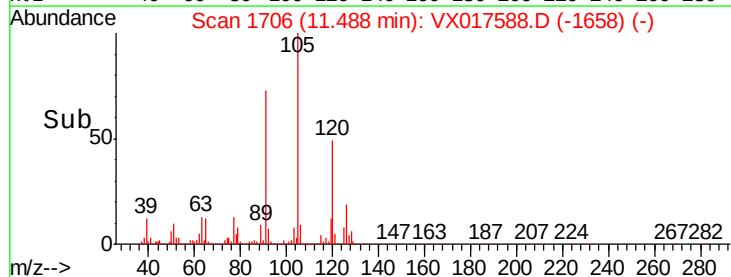
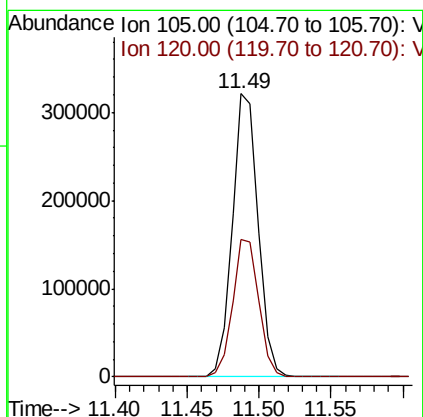
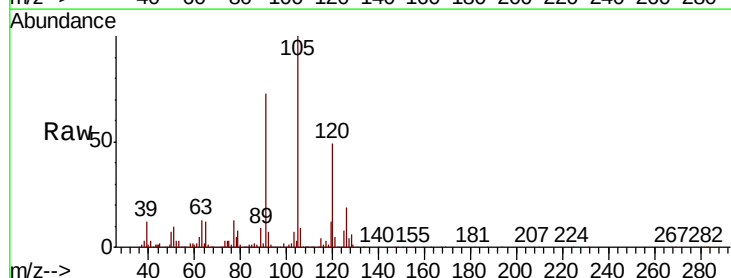
Instrument :
 MSVOA_X
 ClientSampleId :

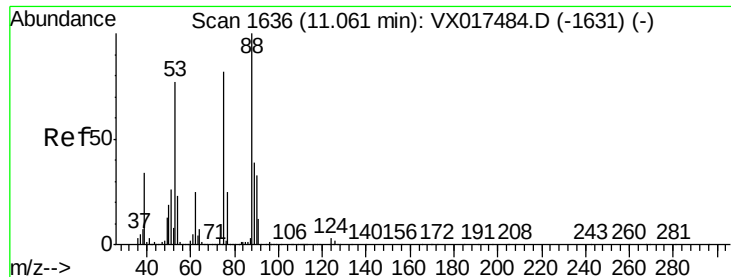
Tot Ion: 91 Resp: 324793
 Ion Ratio Lower Upper
 91 100
 126 34.3 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 17.458 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion: 105 Resp: 402550
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 14.758 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

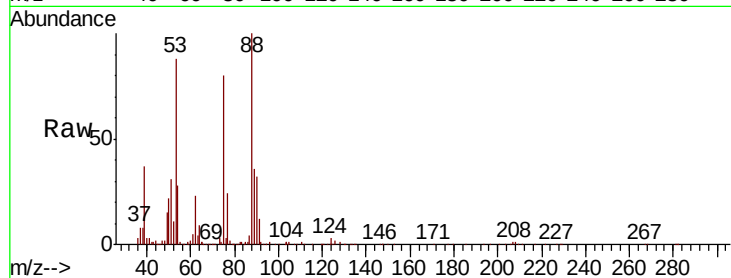
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 47429

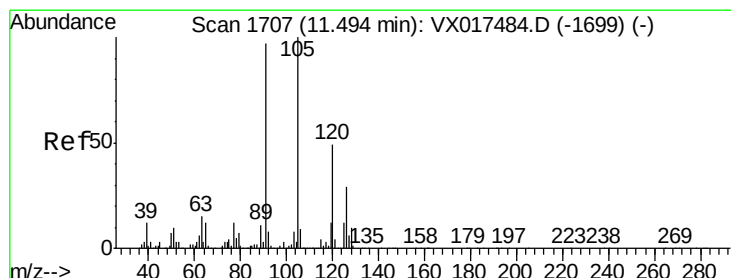
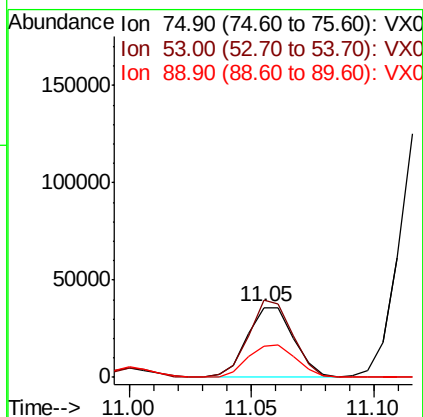
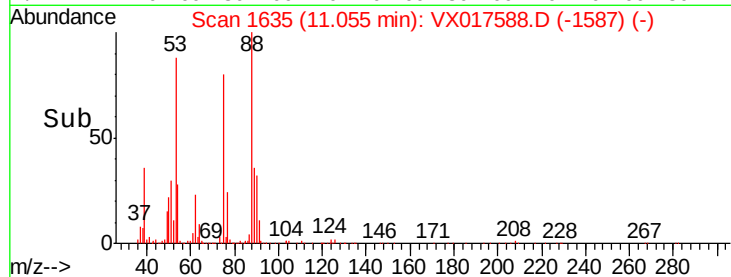
Ion	Ratio	Lower	Upper
75	100		
53	103.8	75.9	113.9
89	48.5	37.8	56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.475 ug/l

RT: 11.49 min Scan# 1707

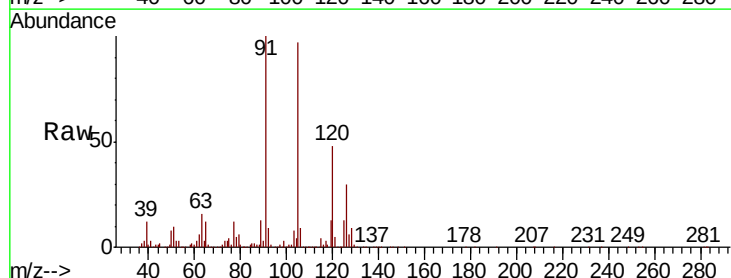
Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

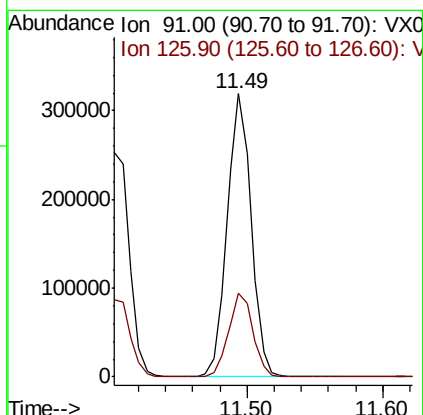
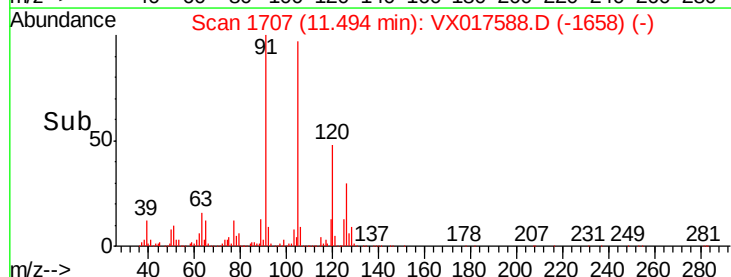
Tgt Ion: 91 Resp: 388936

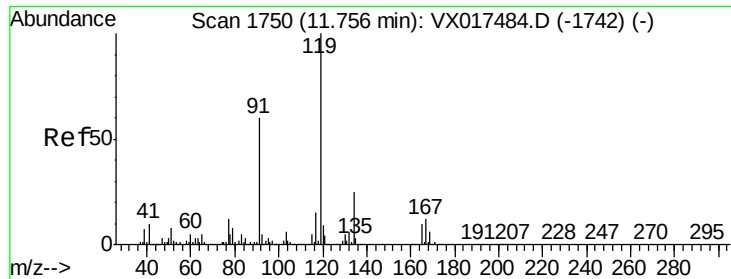
Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.2	45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

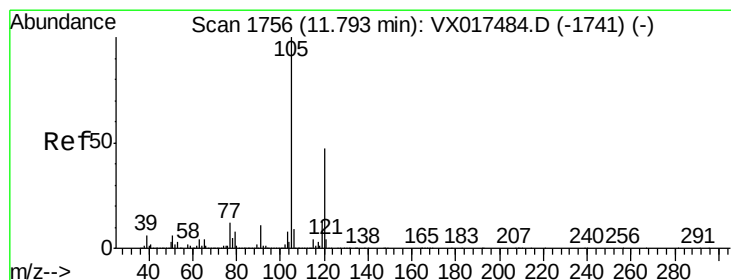
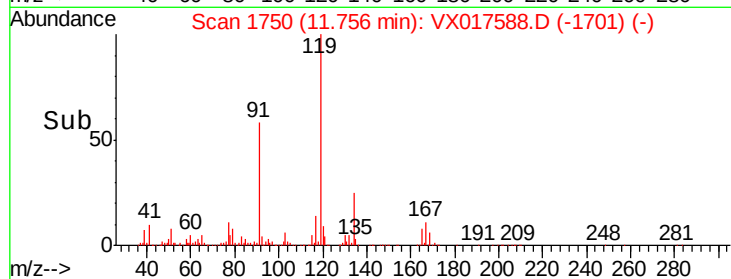
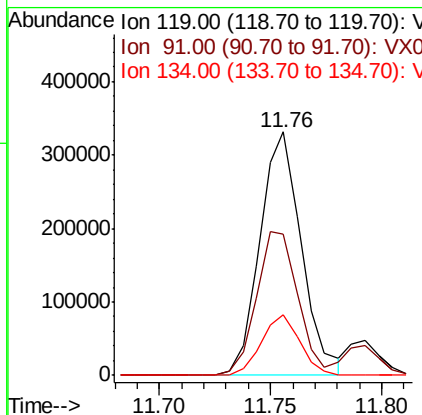
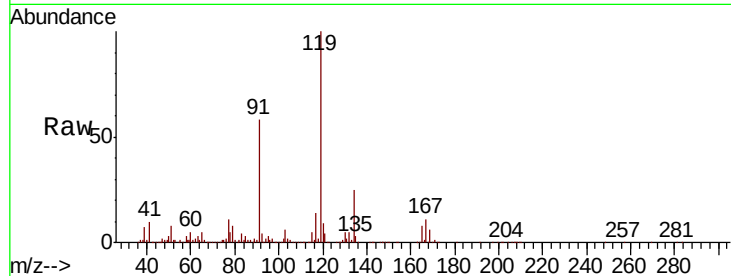




#83
 tert-Butylbenzene
 Concen: 19.504 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

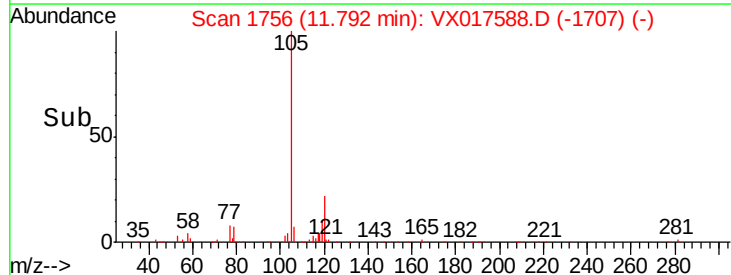
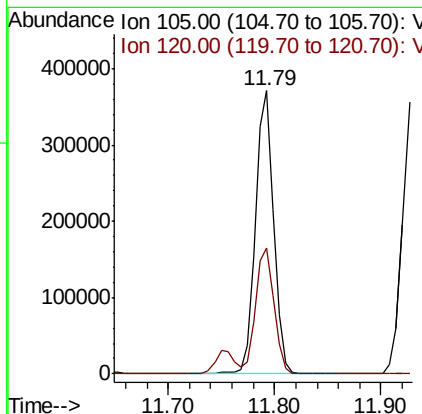
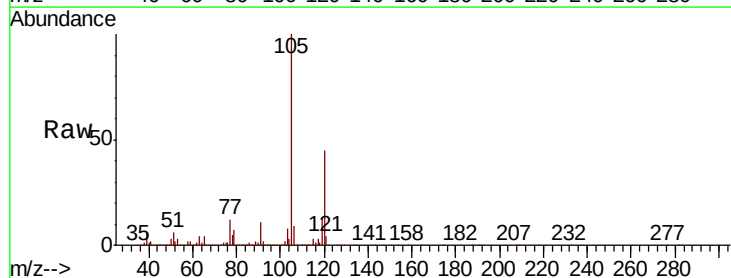
Instrument :
 MSVOA_X
 ClientSampleId :

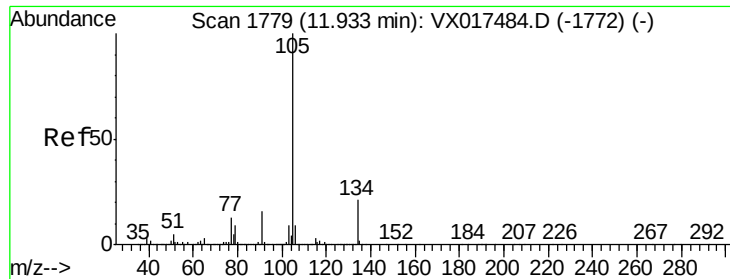
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	29.3	88.0
134	23.2	11.2	33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.307 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.0





#85

sec-Butylbenzene

Concen: 17.948 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

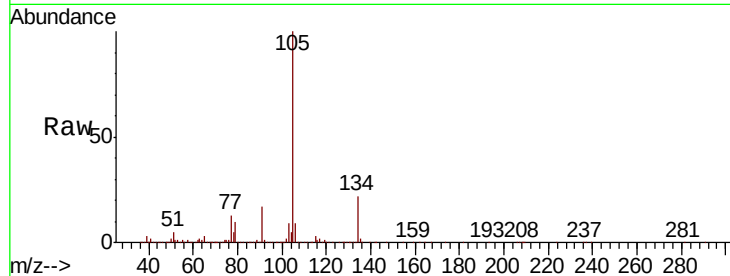
ClientSampleId :

Tot Ion:105 Resp: 461290

Ion Ratio Lower Upper

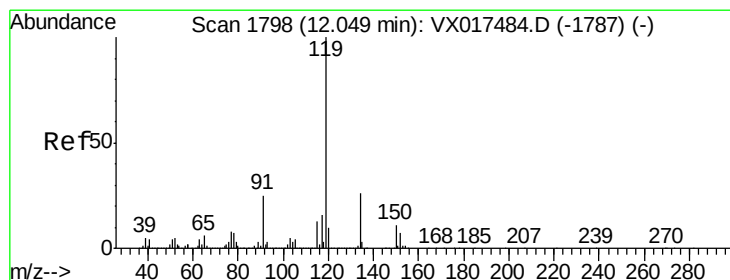
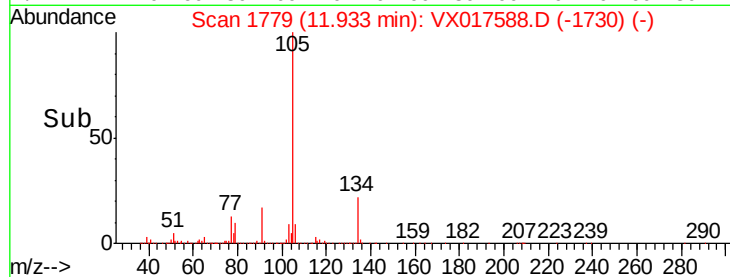
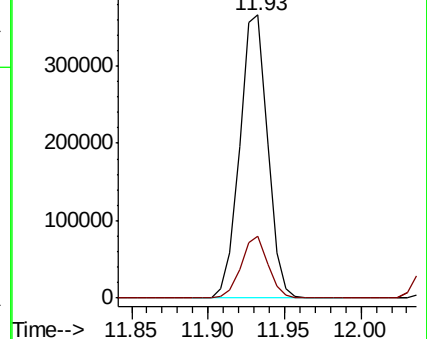
105 100

134 21.1 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.208 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

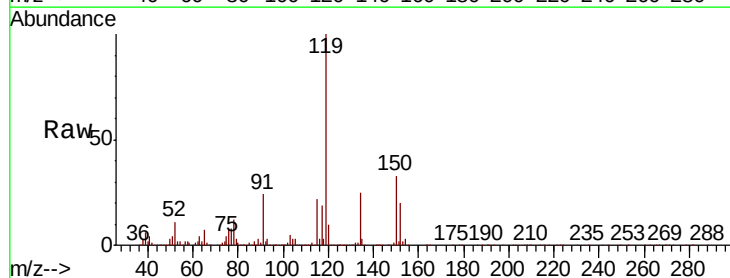
Tgt Ion:119 Resp: 445654

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

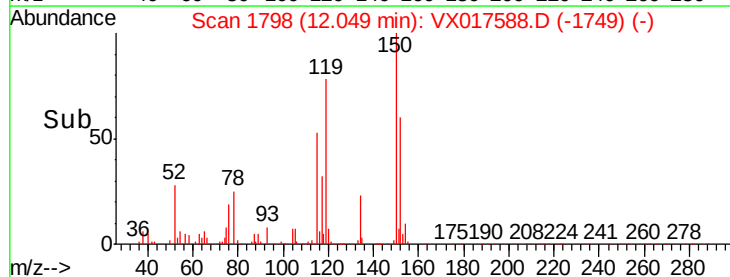
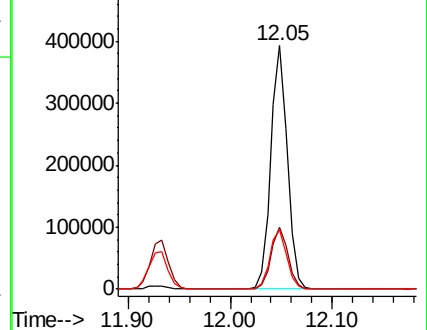
91 25.2 12.1 36.3

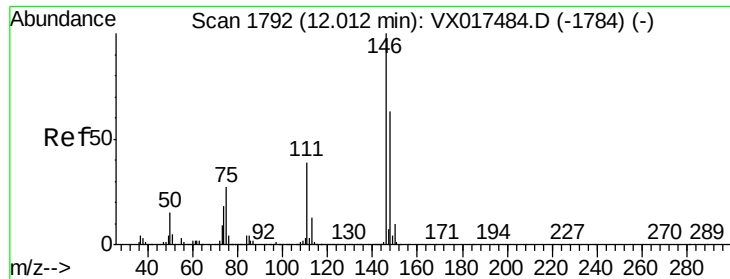


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

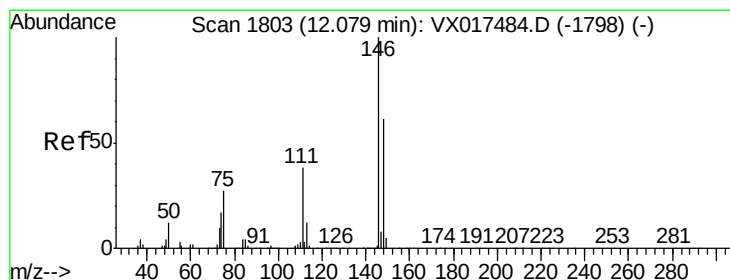
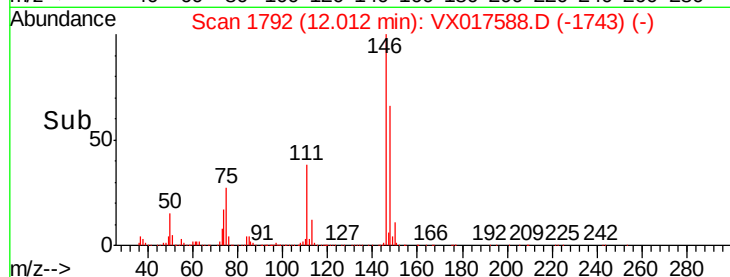
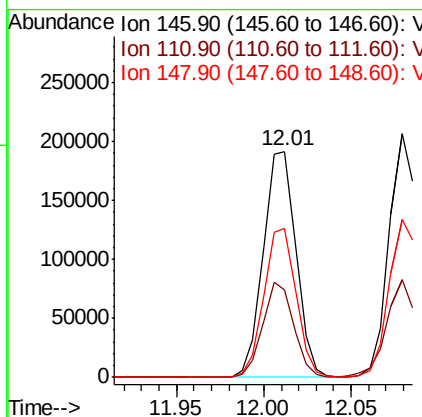
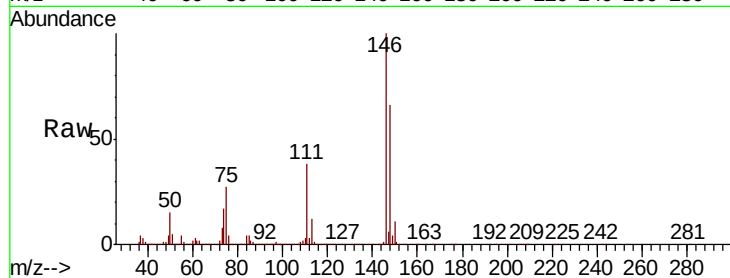




#87
 1,3-Dichlorobenzene
 Concen: 19.278 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

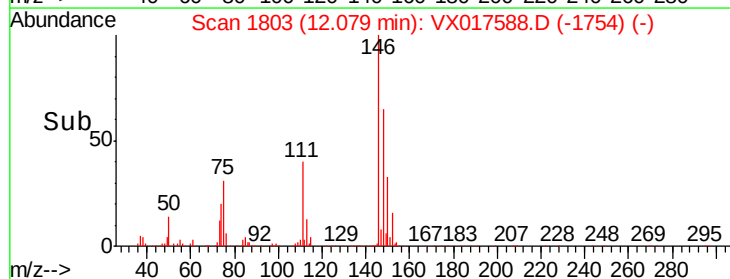
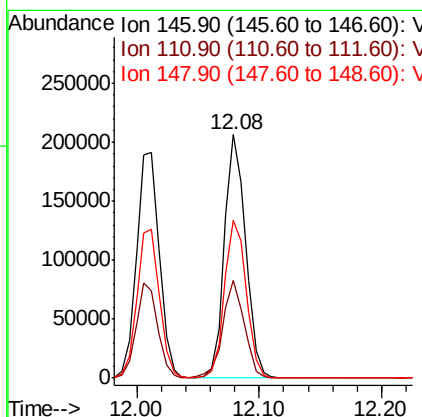
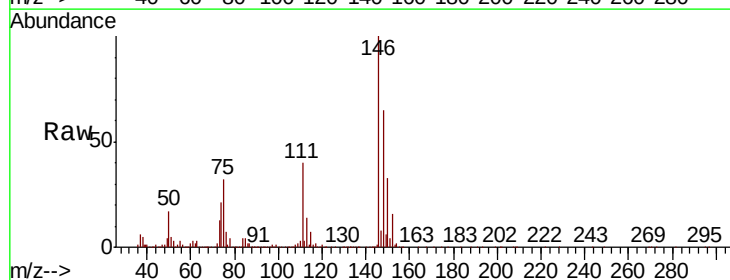
Instrument :
 MSVOA_X
 ClientSampleId :

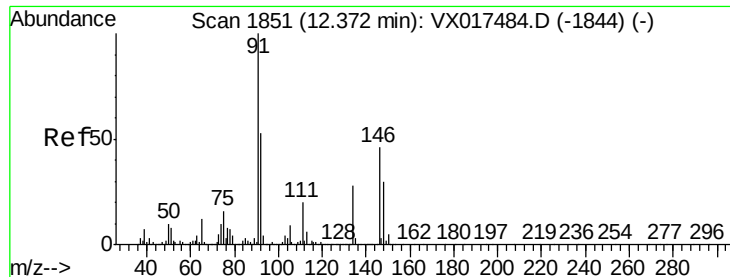
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	64.9	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.400 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.3	57.8
148	66.8	32.2	96.6

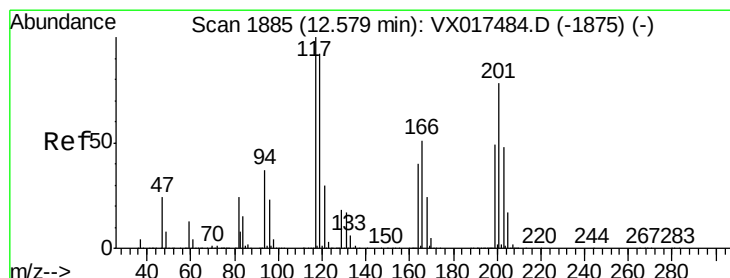
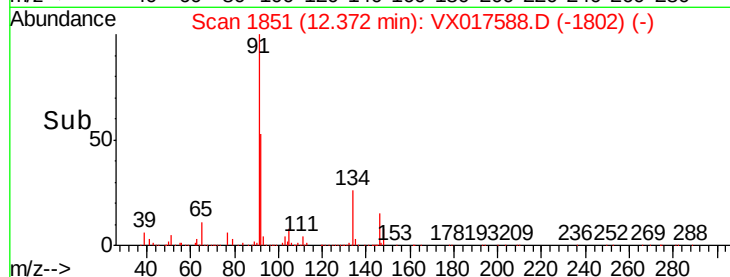
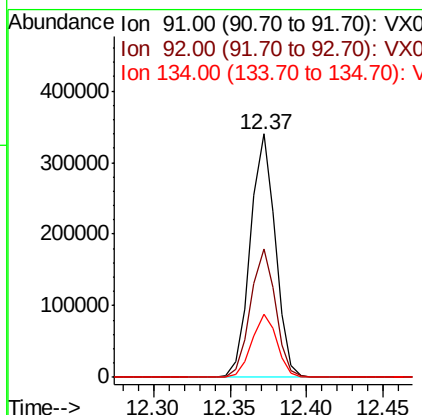
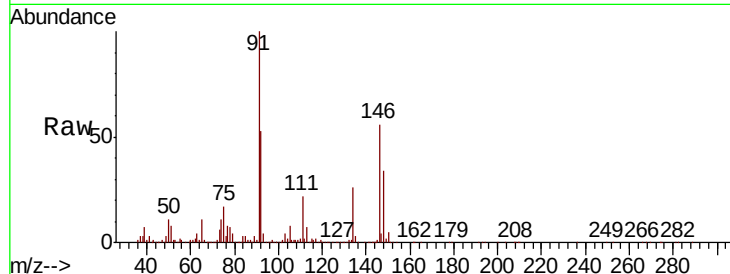




#89
n-Butylbenzene
Concen: 17.720 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

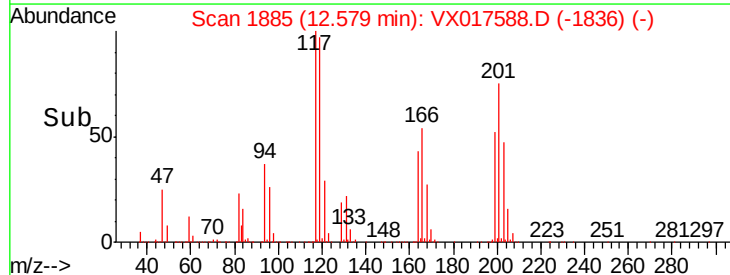
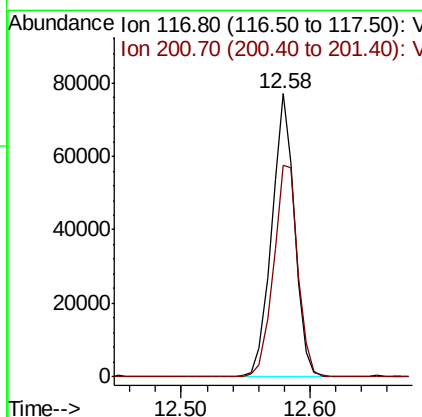
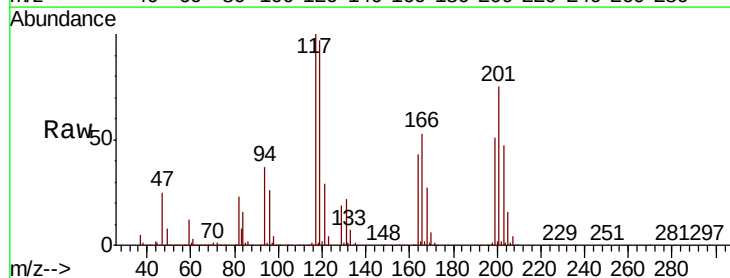
Instrument :
MSVOA_X
ClientSampleId :

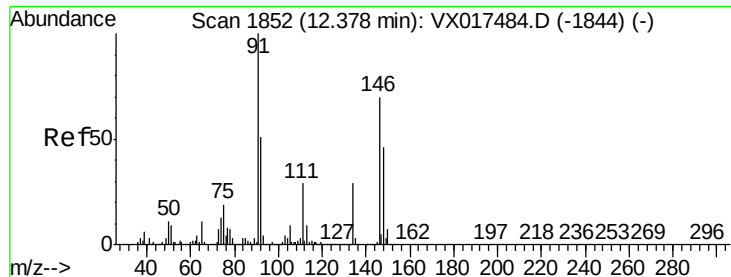
Tot Ion: 91 Resp: 386460
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.1
134 26.2 13.6 40.7



#90
Hexachloroethane
Concen: 19.717 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017588.D
Acq: 25 Jul 2020 12:12

Tgt Ion: 117 Resp: 95144
Ion Ratio Lower Upper
117 100
201 79.7 42.2 126.6

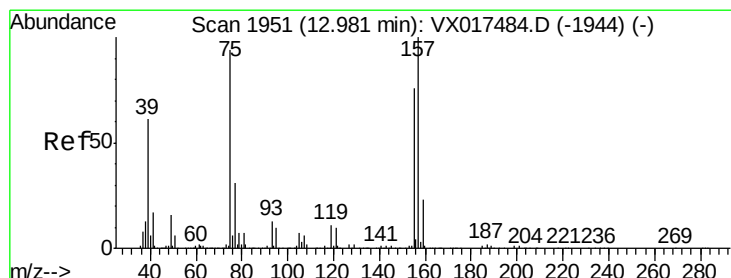
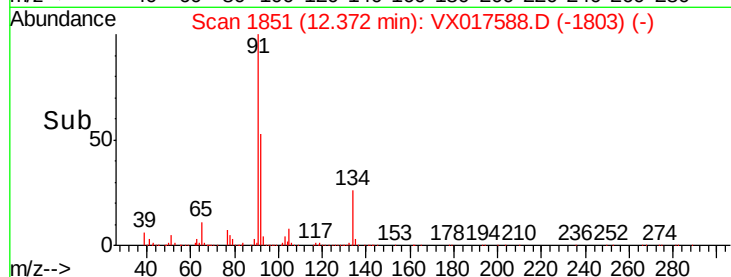
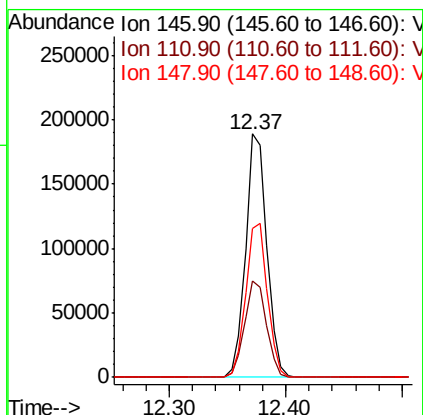
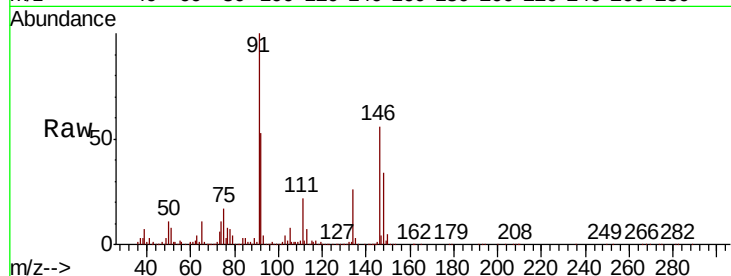




#91
 1,2-Dichlorobenzene
 Concen: 18.893 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

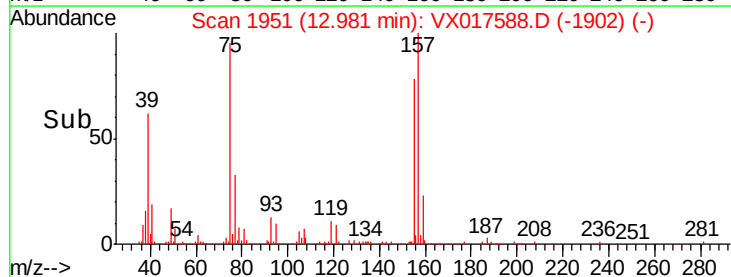
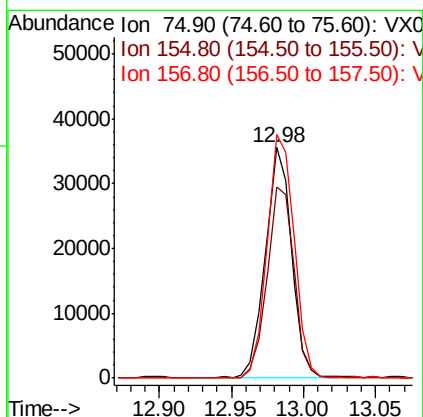
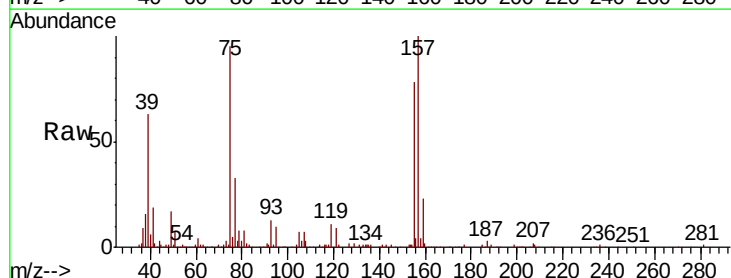
Instrument :
 MSVOA_X
 ClientSampleId :

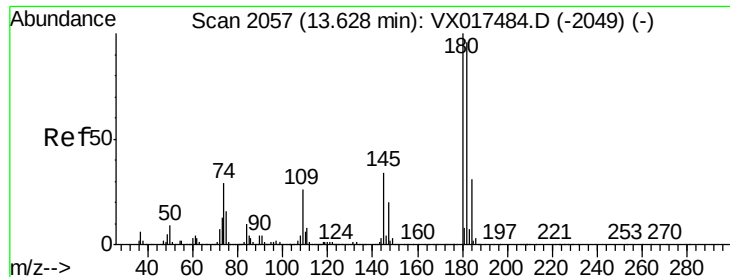
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.8
148	64.7	32.8	98.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.392 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017588.D
 Acq: 25 Jul 2020 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.0	42.3	126.8
157	109.0	54.3	162.9





#93

1,2,4-Trichlorobenzene

Concen: 19.627 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

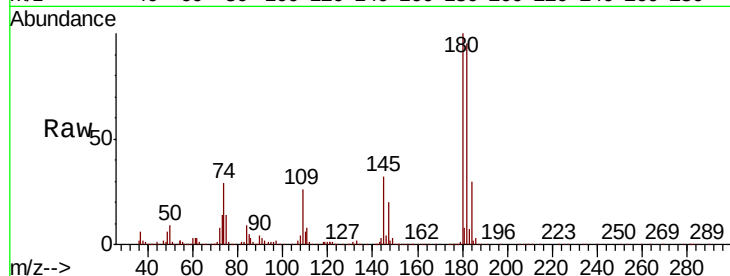
Tot Ion:180 Resp: 170924

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.6

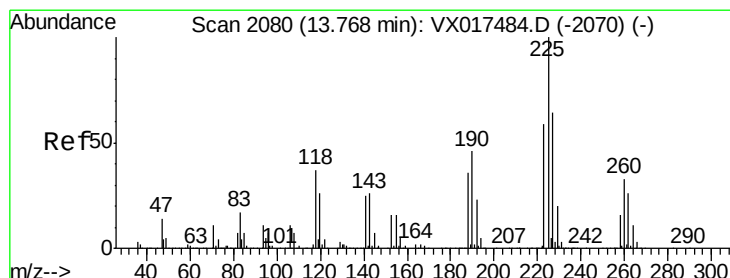
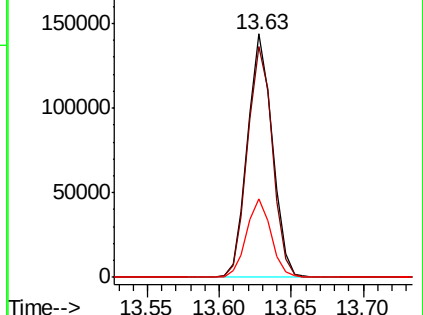
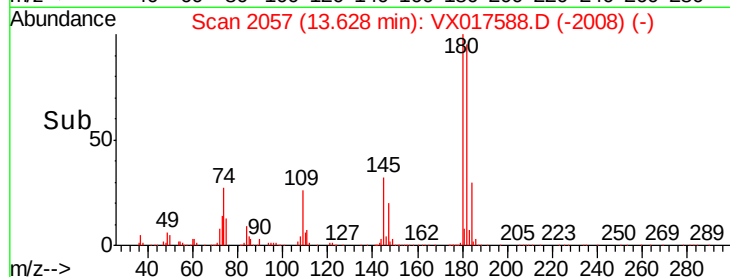
145 31.7 15.4 46.4



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: 17.970 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

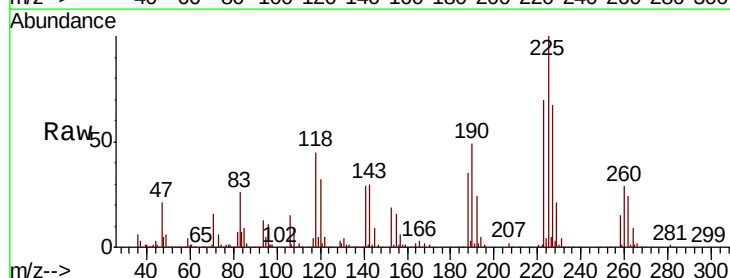
Tgt Ion:225 Resp: 72036

Ion Ratio Lower Upper

225 100

223 63.0 30.3 90.9

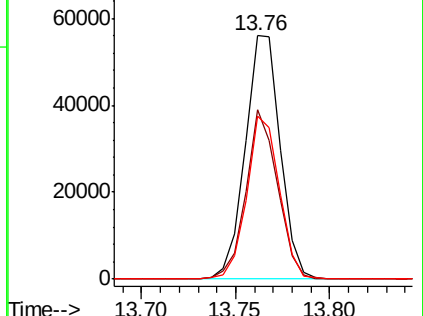
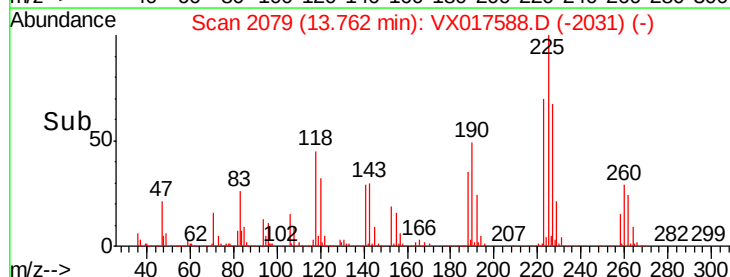
227 62.4 31.1 93.2

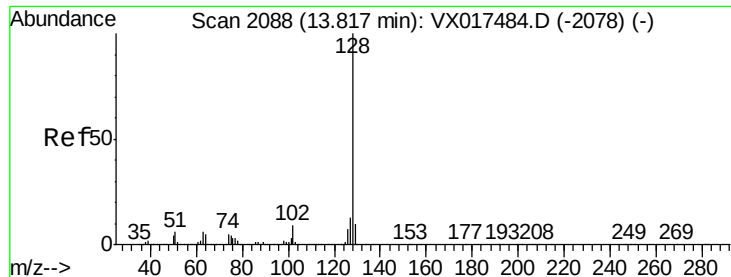


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.673 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

Instrument :

MSVOA_X

ClientSampleId :

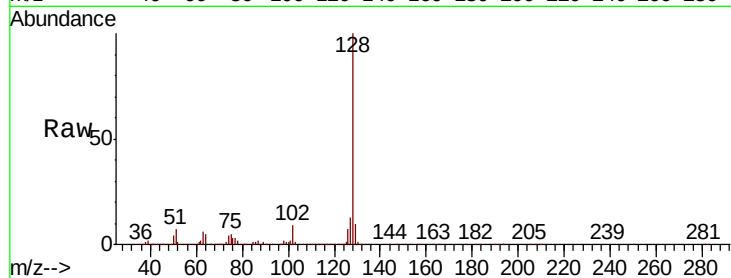
Tot Ion:128 Resp: 537437

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.7 8.9 13.3

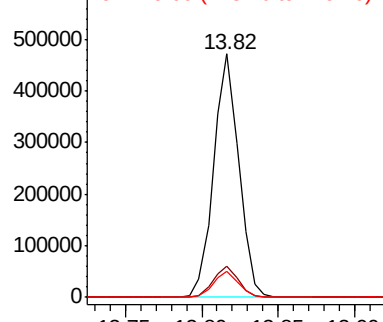


Abundance

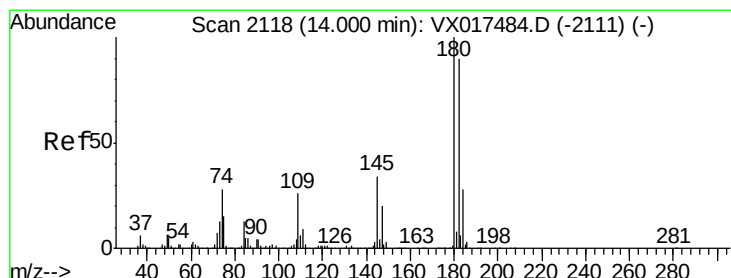
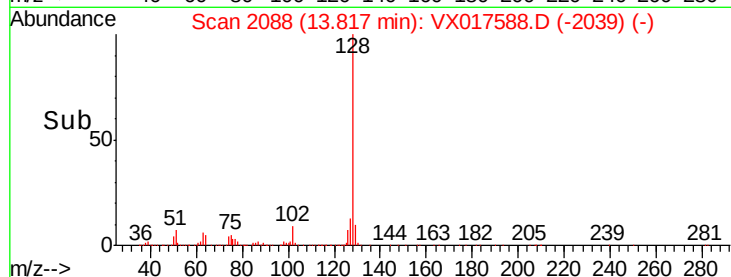
Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.530 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017588.D

Acq: 25 Jul 2020 12:12

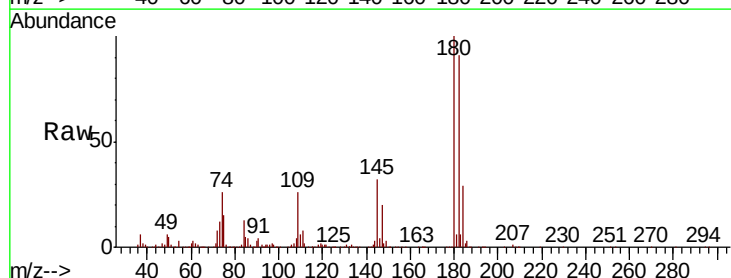
Tgt Ion:180 Resp: 167929

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 32.3 16.3 48.9

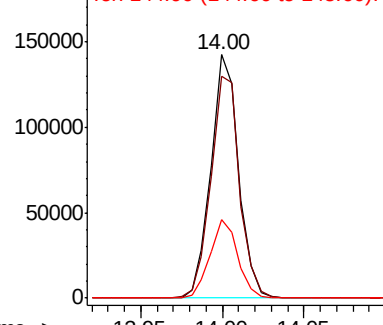


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

