

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017489.D
 Acq On : 23 Jul 2020 14:01
 Operator : JC/SP
 Sample : VX0723WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

Quant Time: Jul 24 05:54:55 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	646156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	976045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	890442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	476571	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	426937	51.44	ug/l	0.00
Spiked Amount			Recovery	=	102.88%	
35) Dibromofluoromethane	5.46	113	329411	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
50) Toluene-d8	8.70	98	1130038	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.12	95	475929	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	135448	22.024	ug/l	97
3) Chloromethane	1.31	50	159639	20.207	ug/l	98
4) Vinyl Chloride	1.39	62	157146	19.327	ug/l	99
5) Bromomethane	1.63	94	106260	22.648	ug/l	98
6) Chloroethane	1.72	64	88810	19.339	ug/l	99
7) Trichlorofluoromethane	1.92	101	236284	18.475	ug/l	99
8) Diethyl Ether	2.17	74	80123	18.465	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	127286	18.136	ug/l	98
10) Methyl Iodide	2.49	142	142683	15.891	ug/l	100
11) Tert butyl alcohol	3.01	59	168040	96.060	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123443	18.496	ug/l	91
13) Acrolein	2.27	56	109278	84.611	ug/l	98
14) Allyl chloride	2.71	41	240634	19.746	ug/l	99
15) Acrylonitrile	3.11	53	366003	96.869	ug/l	99
16) Acetone	2.42	43	335572	91.857	ug/l	100
17) Carbon Disulfide	2.55	76	390298	19.240	ug/l	99
18) Methyl Acetate	2.75	43	167126	19.425	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	447291	19.363	ug/l	98
20) Methylene Chloride	2.83	84	145170	20.338	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	141587	19.803	ug/l	98
22) Diisopropyl ether	3.82	45	467692	20.989	ug/l	96
23) Vinyl Acetate	3.78	43	2069435	104.159	ug/l	99
24) 1,1-Dichloroethane	3.67	63	256661	19.995	ug/l	98
25) 2-Butanone	4.63	43	526031	101.360	ug/l	94
26) 2,2-Dichloropropane	4.54	77	236165	20.554	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	155772	20.059	ug/l	98
28) Bromochloromethane	4.98	49	113673	19.542	ug/l	96
29) Tetrahydrofuran	5.09	42	339314	105.552	ug/l	98
30) Chloroform	5.18	83	247792	18.893	ug/l	97
31) Cyclohexane	5.55	56	202254	19.759	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	233916	18.913	ug/l	98
36) 1,1-Dichloropropene	5.76	75	181134	19.350	ug/l	99
37) Ethyl Acetate	4.79	43	210479	20.550	ug/l	99
38) Carbon Tetrachloride	5.75	117	213600	18.790	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	218842	20.026	ug/l	97
40) Benzene	6.11	78	494757	18.435	ug/l	100
41) Methacrylonitrile	5.00	41	114778	19.550	ug/l	98
42) 1,2-Dichloroethane	6.16	62	206491	18.807	ug/l	98
43) Isopropyl Acetate	6.41	43	307386	18.189	ug/l	100
44) Trichloroethene	7.18	130	149480	19.059	ug/l	97
45) 1,2-Dichloropropane	7.49	63	128869	17.321	ug/l	98
46) Dibromomethane	7.63	93	91874	17.474	ug/l	99
47) Bromodichloromethane	7.88	83	190083	17.967	ug/l	96
48) Methyl methacrylate	7.74	41	148130	17.683	ug/l	98
49) 1,4-Dioxane	7.71	88	66559	414.423	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	896757	88.935	ug/l	99
52) Toluene	8.76	92	307922	17.890	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	209816	17.717	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	219263	18.151	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	130373	18.183	ug/l	97
56) Ethyl methacrylate	9.16	69	197552	18.288	ug/l	99
57) 1,3-Dichloropropane	9.35	76	216342	18.324	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	458910	80.637	ug/l	100
59) 2-Hexanone	9.47	43	706097	93.010	ug/l	97
60) Dibromochloromethane	9.57	129	160218	17.581	ug/l	99
61) 1,2-Dibromoethane	9.65	107	142270	18.638	ug/l	97
64) Tetrachloroethene	9.32	164	149199	18.669	ug/l	96
65) Chlorobenzene	10.12	112	354467	18.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	145098	18.653	ug/l	98
67) Ethyl Benzene	10.23	91	599547	18.635	ug/l	98
68) m/p-Xylenes	10.34	106	460125	36.917	ug/l	97
69) o-Xylene	10.68	106	223797	18.669	ug/l	99
70) Styrene	10.70	104	381459	18.703	ug/l	99
71) Bromoform	10.84	173	123104	18.267	ug/l	100
73) Isopropylbenzene	11.00	105	623227	19.063	ug/l	100
74) N-amyl acetate	10.88	43	274934	18.927	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	178855	17.527	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	227564	23.213	ug/l	82
77) Bromobenzene	11.24	156	167333	18.282	ug/l	98
78) n-propylbenzene	11.34	91	706635	19.164	ug/l	100
79) 2-Chlorotoluene	11.41	91	423430	18.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	574223	20.571	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68795	17.683	ug/l	96
82) 4-Chlorotoluene	11.49	91	530302	19.682	ug/l	100
83) tert-Butylbenzene	11.76	119	518037	19.395	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	545694	19.655	ug/l	99
85) sec-Butylbenzene	11.93	105	605397	19.457	ug/l	100
86) p-Isopropyltoluene	12.05	119	566173	19.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	302493	19.246	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	297400	18.268	ug/l	99
89) n-Butylbenzene	12.37	91	511721	19.381	ug/l	99
90) Hexachloroethane	12.58	117	103987	17.801	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	284978	18.448	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45130	17.409	ug/l	98

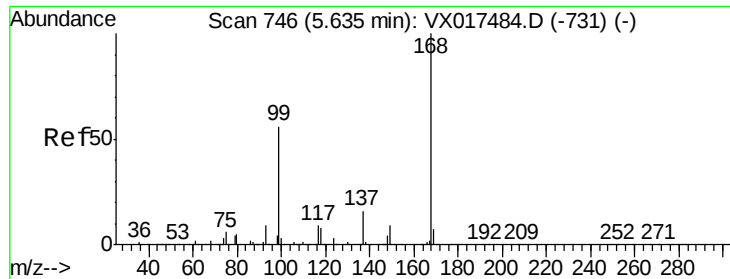
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017489.D
Acq On : 23 Jul 2020 14:01
Operator : JC/SP
Sample : VX0723WBS01
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jul 24 05:54:55 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	203802	19.331	ug/l	99
94) Hexachlorobutadiene	13.76	225	90423	18.632	ug/l	96
95) Naphthalene	13.82	128	585871	18.616	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	207609	19.944	ug/l	98

(#) = 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: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

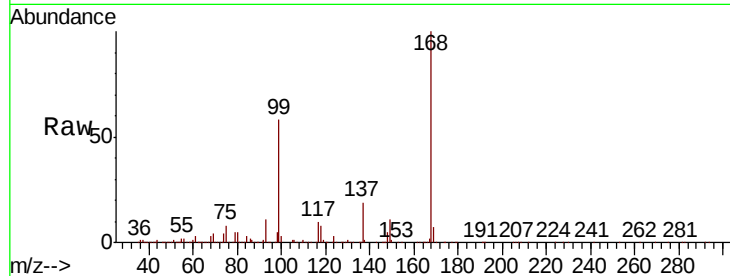
VX0723WBS01

Tot Ion:168 Resp: 646156

Ion Ratio Lower Upper

168 100

99 58.2 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

150000

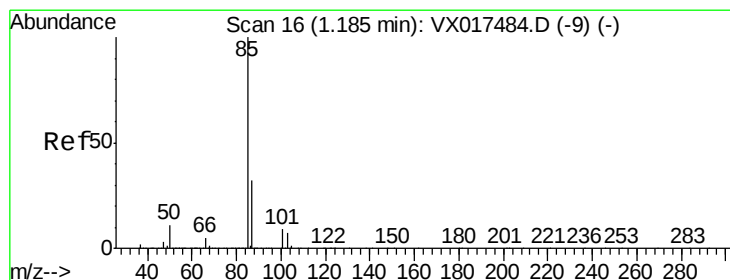
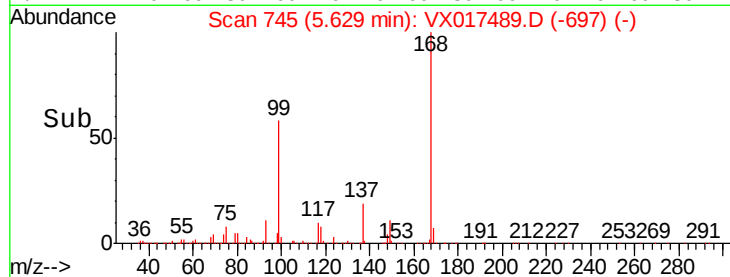
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.024 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017489.D

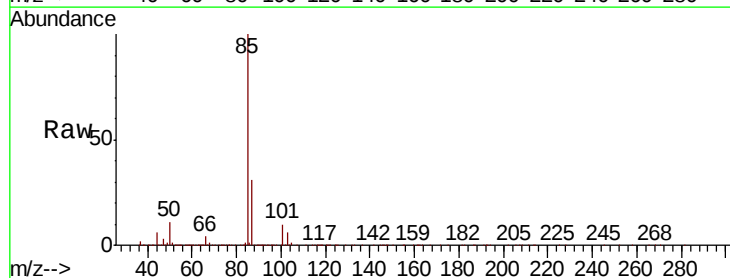
Acq: 23 Jul 2020 14:01

Tgt Ion: 85 Resp: 135448

Ion Ratio Lower Upper

85 100

87 30.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

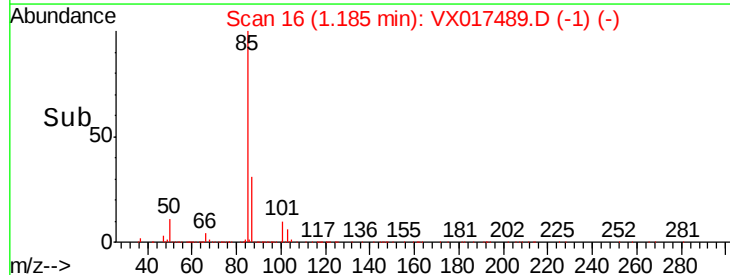
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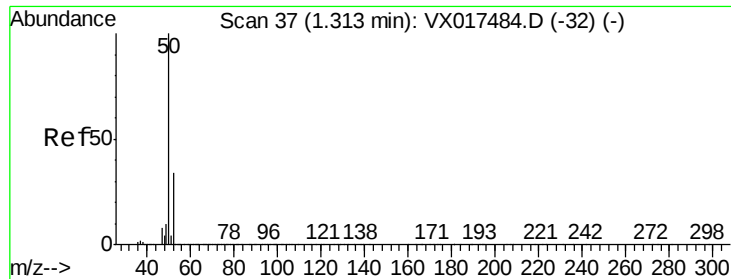
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Time-->

1.15 1.20 1.25

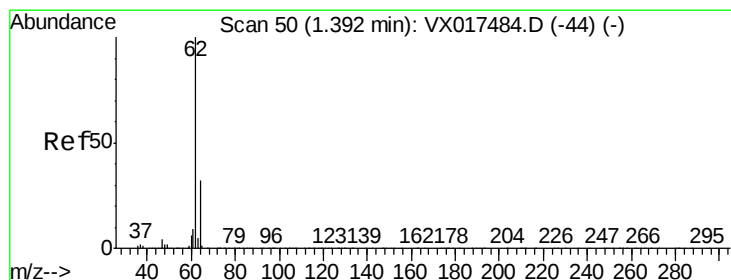
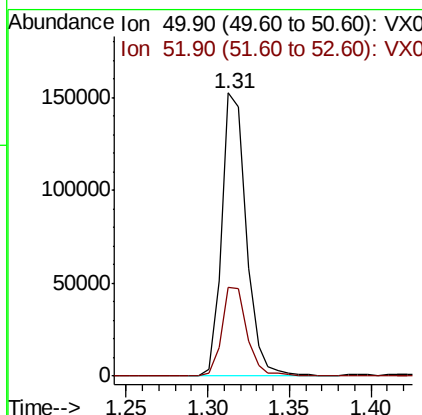
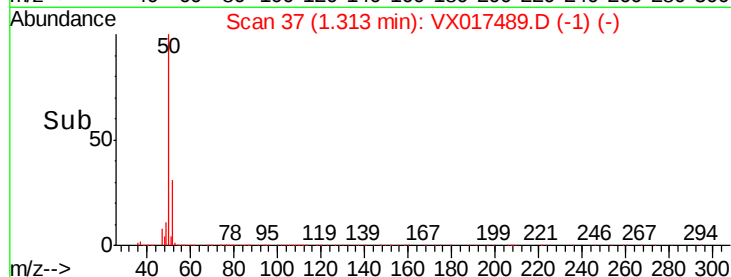
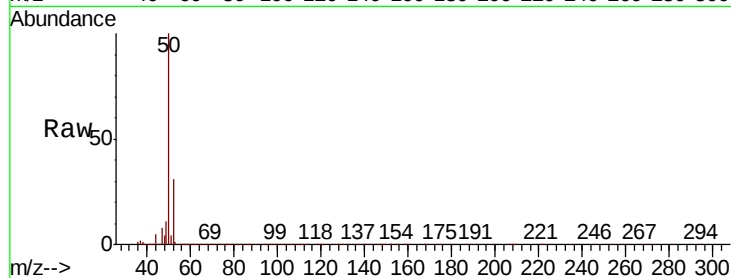




#3
Chloromethane
Concen: 20.207 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

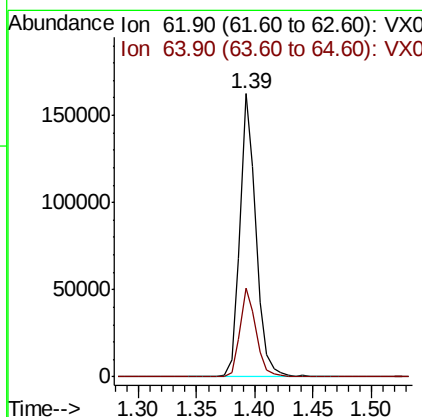
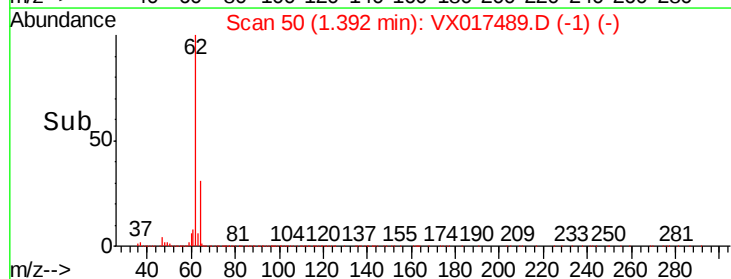
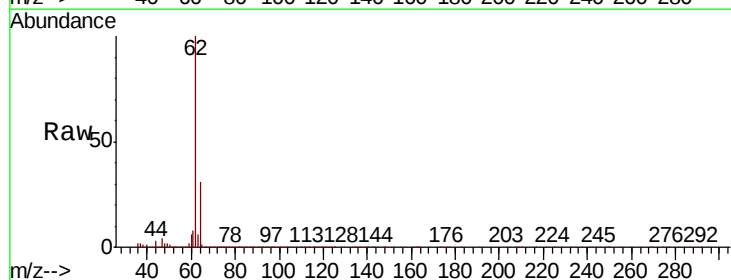
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

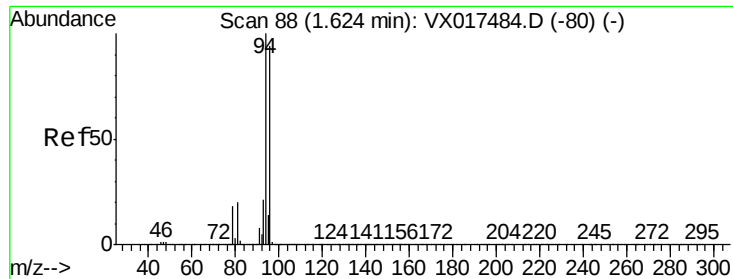
Tot Ion: 50 Resp: 159639
Ion Ratio Lower Upper
50 100
52 31.0 25.9 38.9



#4
Vinyl Chloride
Concen: 19.327 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 62 Resp: 157146
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8





#5

Bromomethane

Concen: 22.648 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

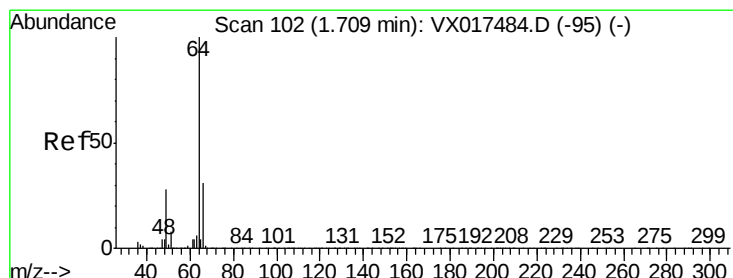
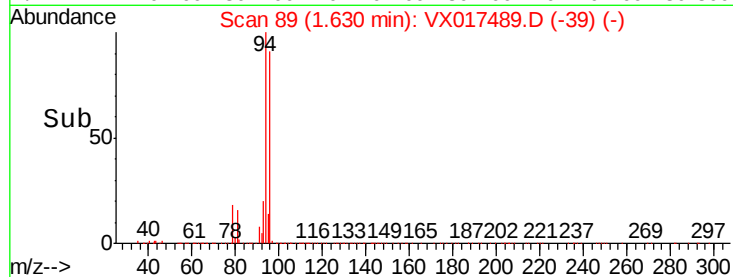
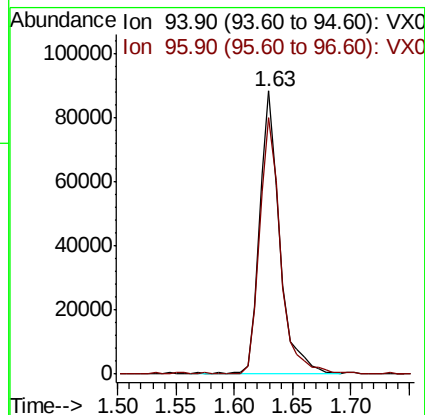
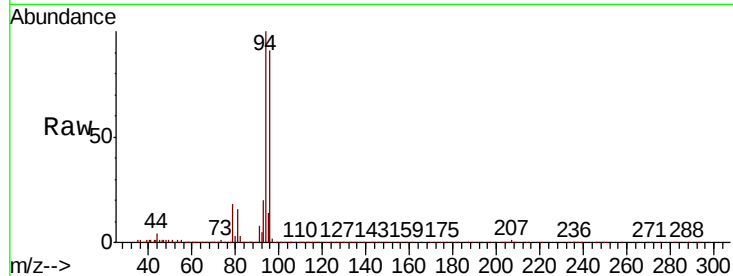
VX0723WBS01

Tot Ion: 94 Resp: 106260

Ion Ratio Lower Upper

94 100

96 90.4 74.1 111.1



#6

Chloroethane

Concen: 19.339 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017489.D

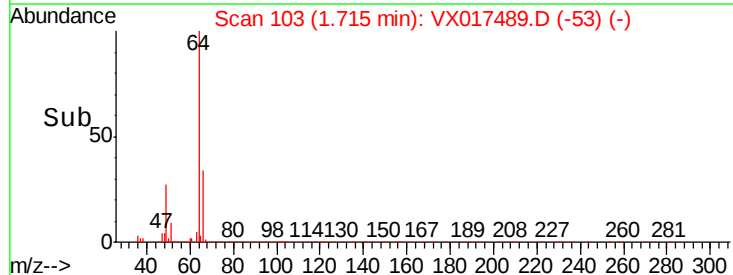
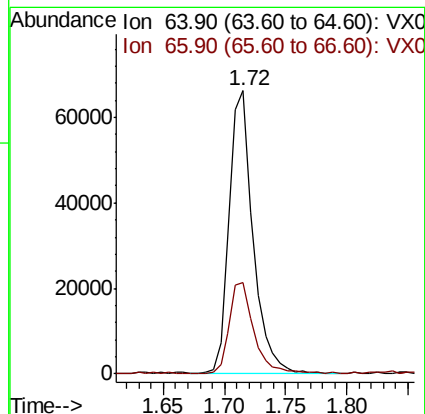
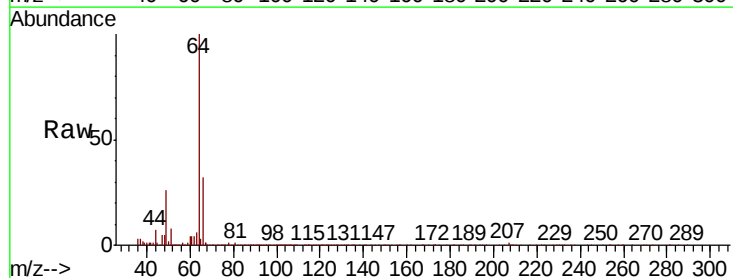
Acq: 23 Jul 2020 14:01

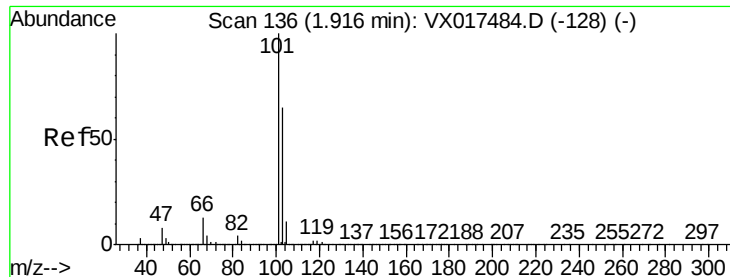
Tgt Ion: 64 Resp: 88810

Ion Ratio Lower Upper

64 100

66 31.9 24.9 37.3



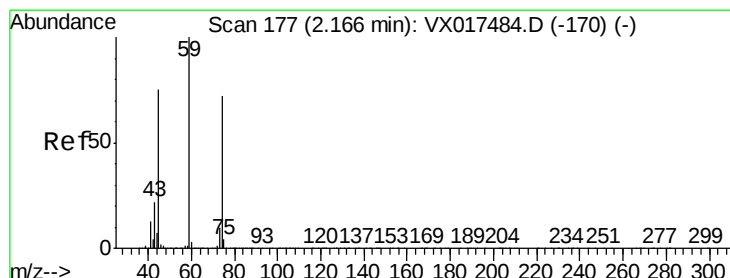
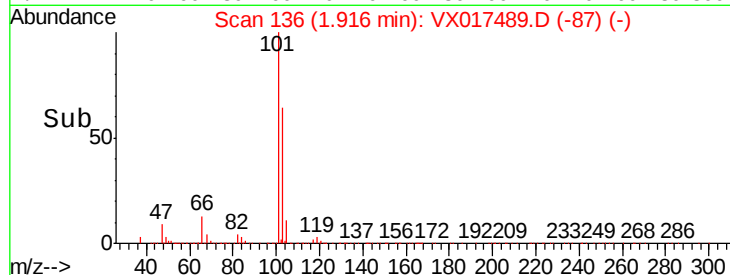
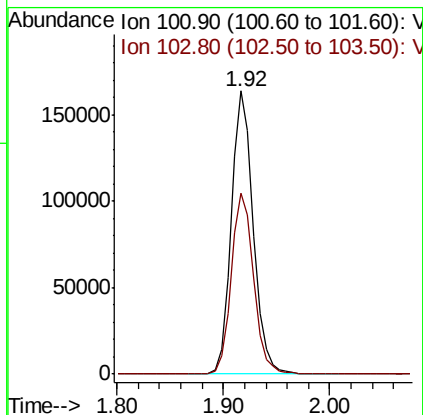
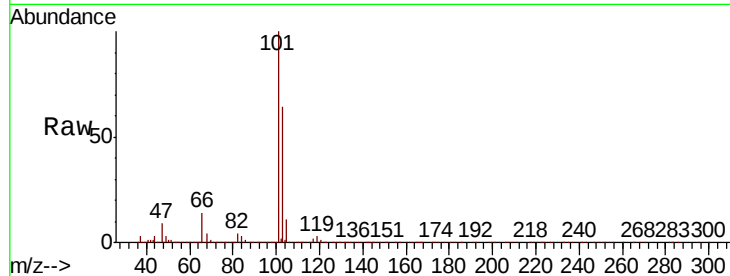


#7

Trichlorofluoromethane
Concen: 18.475 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

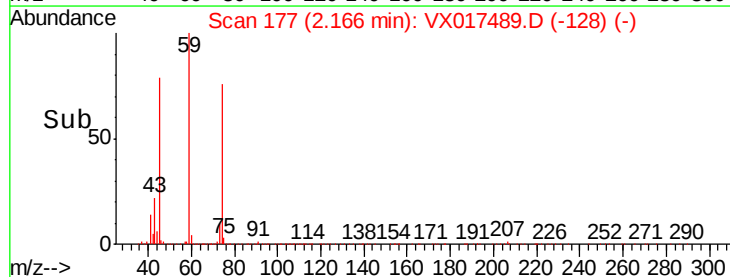
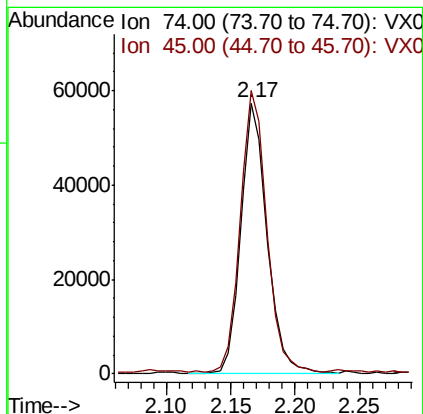
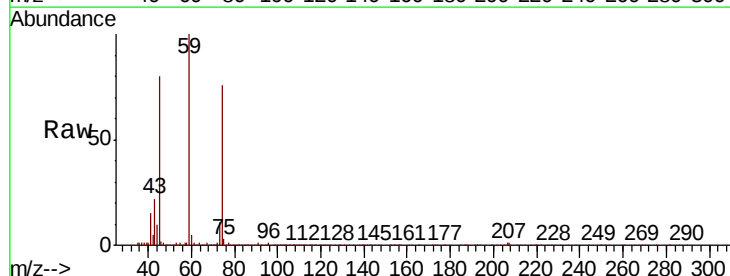
Tot Ion:101 Resp: 236284
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.8

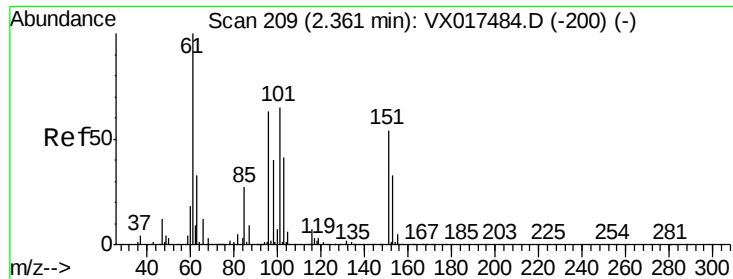


#8

Diethyl Ether
Concen: 18.465 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 74 Resp: 80123
Ion Ratio Lower Upper
74 100
45 105.3 50.8 152.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.136 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

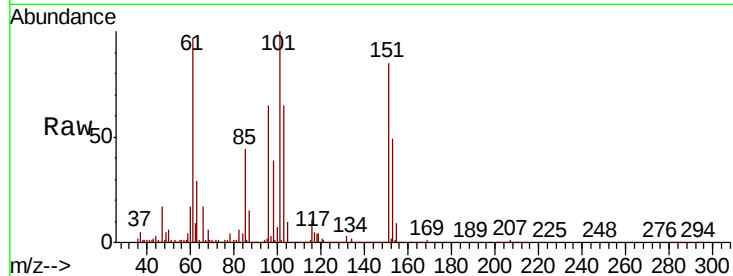
Tot Ion:101 Resp: 127286

Ion Ratio Lower Upper

101 100

85 43.3 34.8 52.2

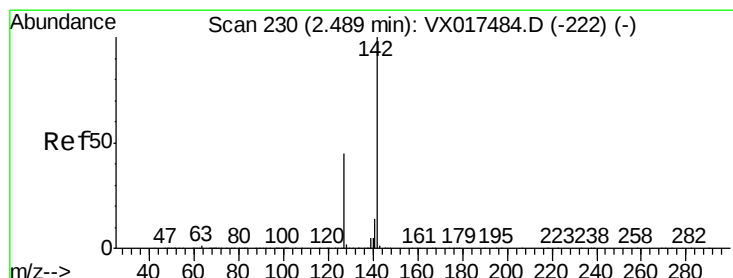
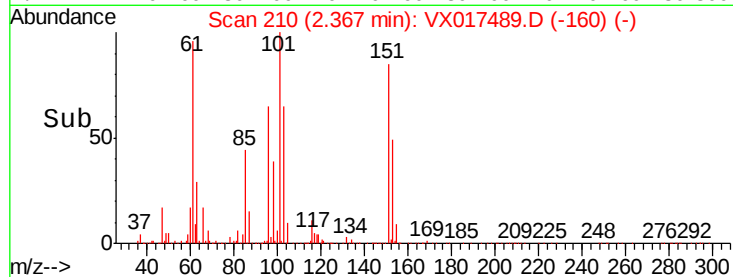
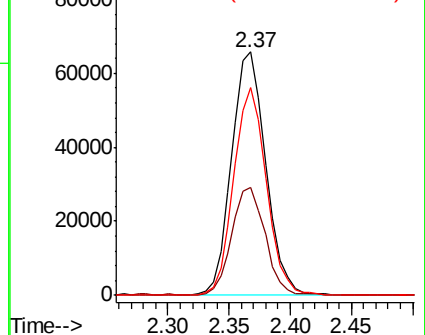
151 82.1 68.0 102.0



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: 15.891 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

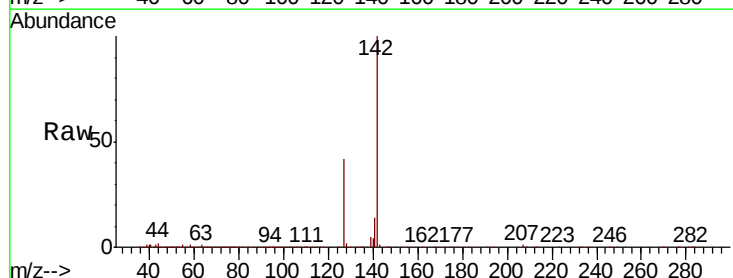
Tgt Ion:142 Resp: 142683

Ion Ratio Lower Upper

142 100

127 44.7 35.9 53.9

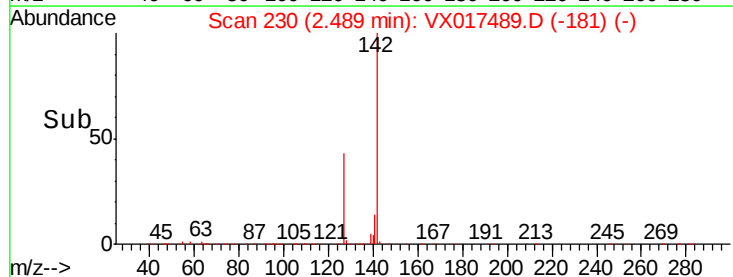
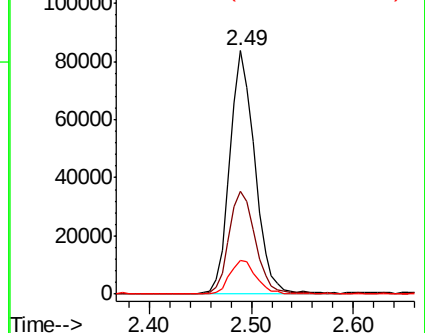
141 14.7 11.4 17.0

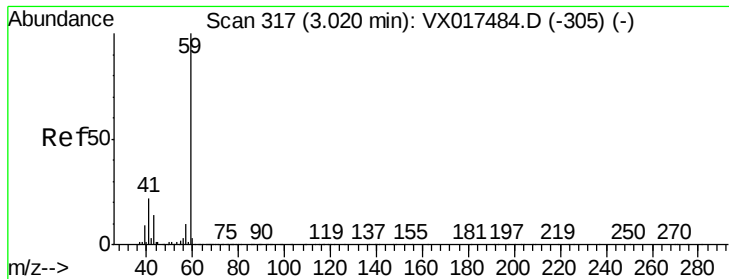


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



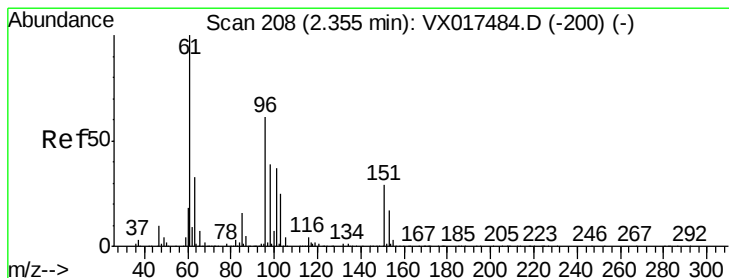
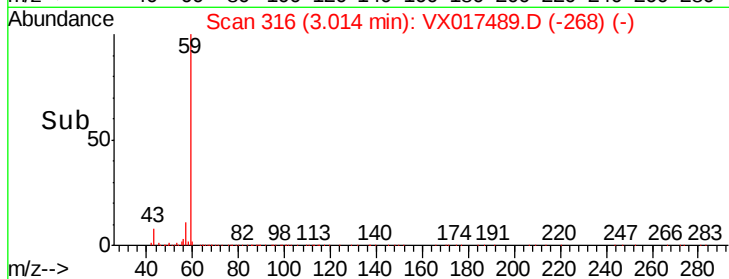
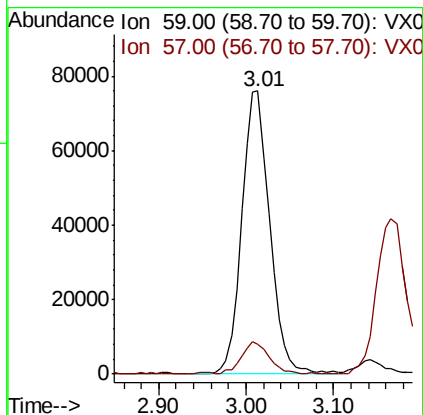
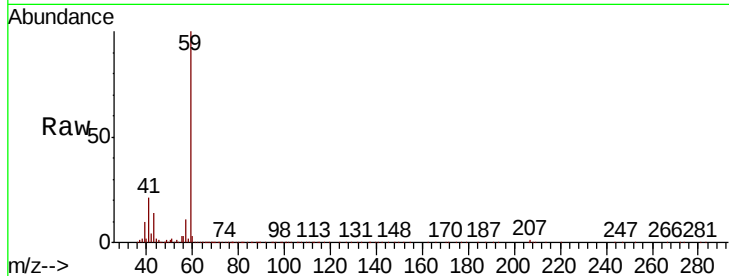


#11

Tert butyl alcohol
 Concen: 96.060 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

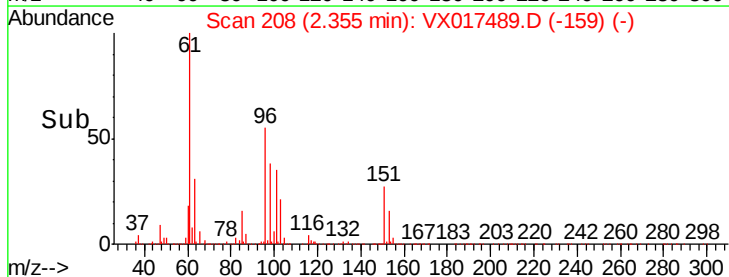
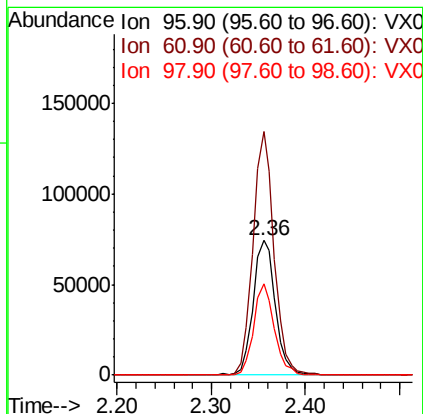
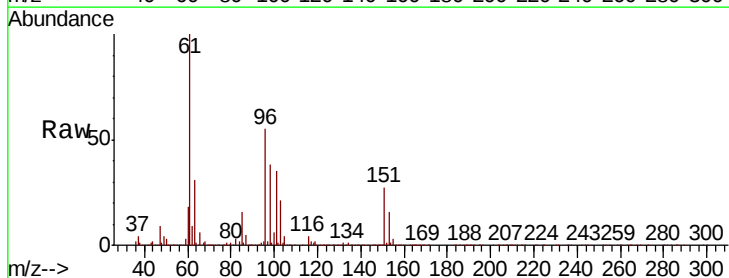
Tot Ion: 59 Resp: 168040
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.6 12.8

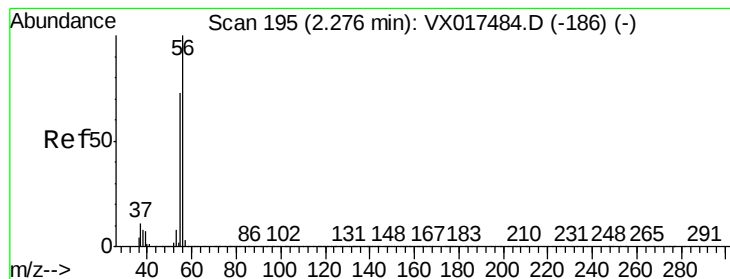


#12

1,1-Dichloroethene
 Concen: 18.496 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion: 96 Resp: 123443
 Ion Ratio Lower Upper
 96 100
 61 181.4 134.0 201.0
 98 68.2 51.0 76.4





#13

Acrolein

Concen: 84.611 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

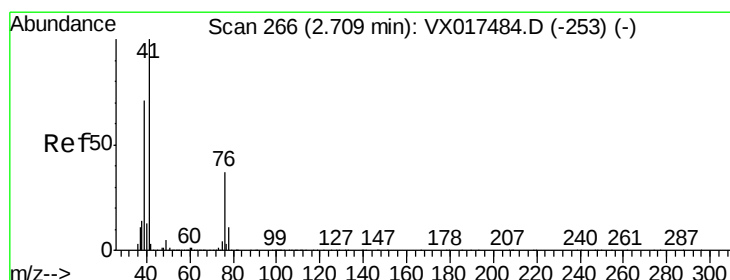
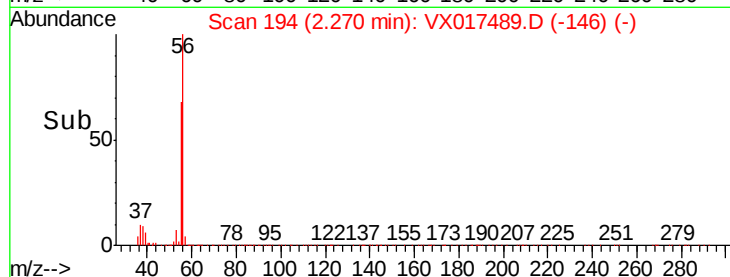
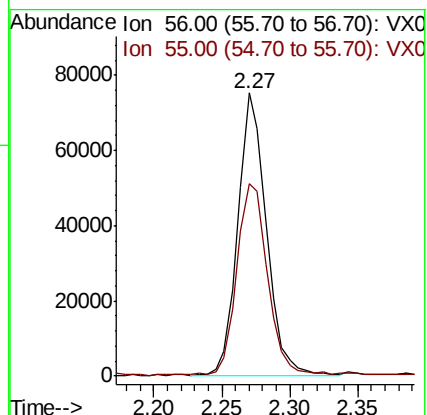
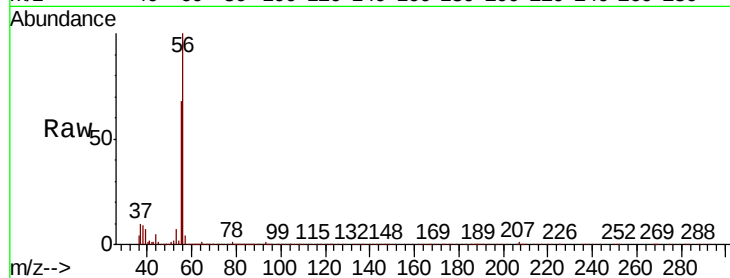
VX0723WBS01

Tot Ion: 56 Resp: 109278

Ion Ratio Lower Upper

56 100

55 73.2 57.4 86.2



#14

Allyl chloride

Concen: 19.746 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

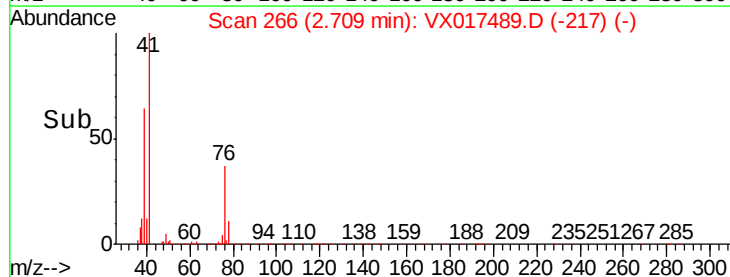
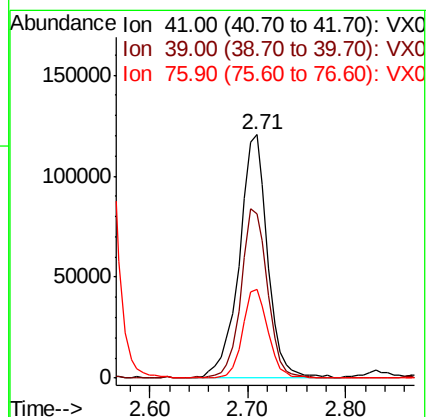
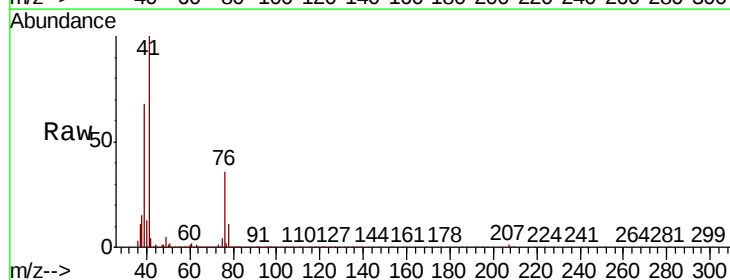
Tgt Ion: 41 Resp: 240634

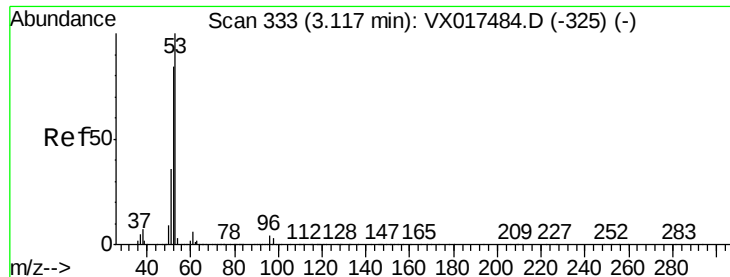
Ion Ratio Lower Upper

41 100

39 64.7 51.9 77.9

76 32.6 25.5 38.3





#15

Acrylonitrile

Concen: 96.869 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

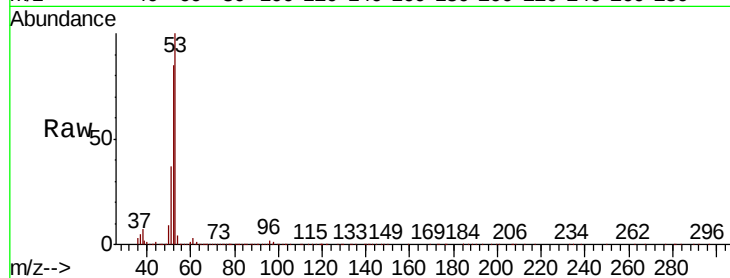
Tot Ion: 53 Resp: 366003

Ion Ratio Lower Upper

53 100

52 84.9 66.6 99.8

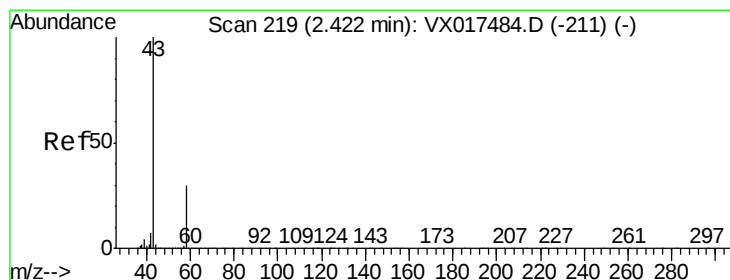
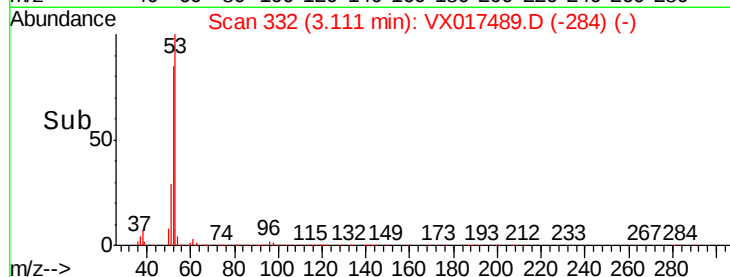
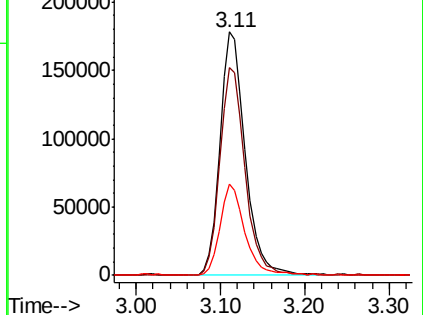
51 37.0 29.4 44.2



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



#16

Acetone

Concen: 91.857 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017489.D

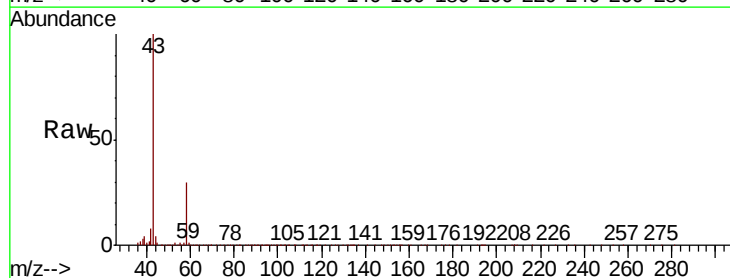
Acq: 23 Jul 2020 14:01

Tgt Ion: 43 Resp: 335572

Ion Ratio Lower Upper

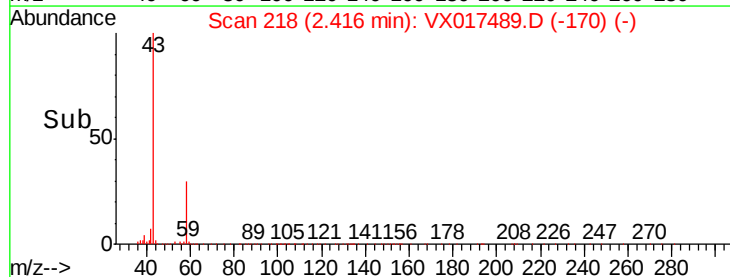
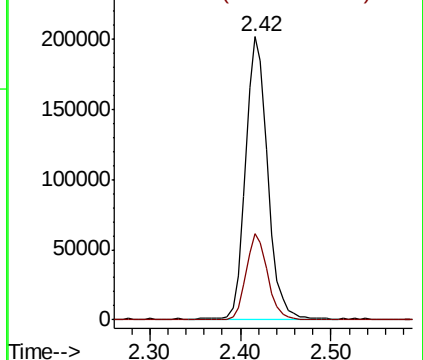
43 100

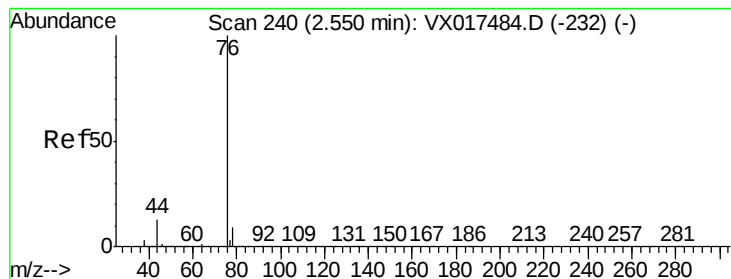
58 30.5 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.240 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampled :

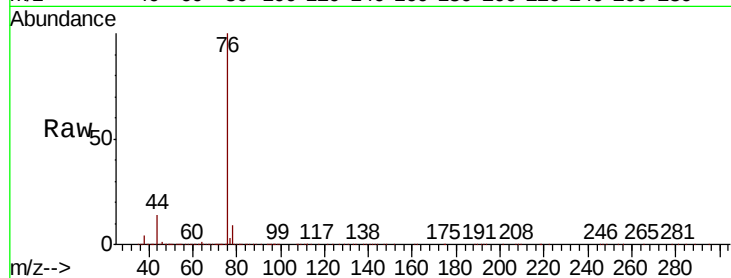
VX0723WBS01

Tot Ion: 76 Resp: 390298

Ion Ratio Lower Upper

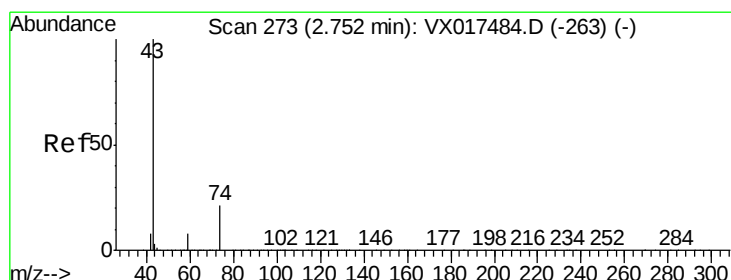
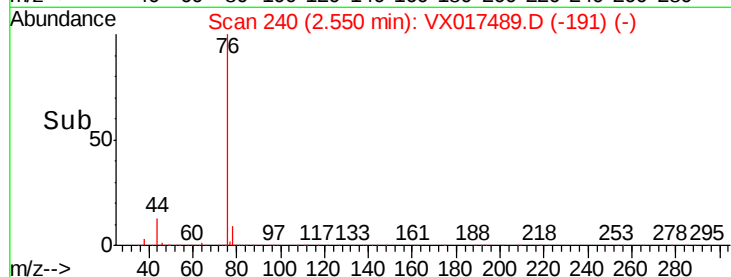
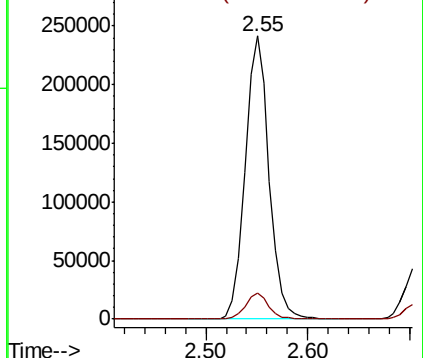
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.425 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017489.D

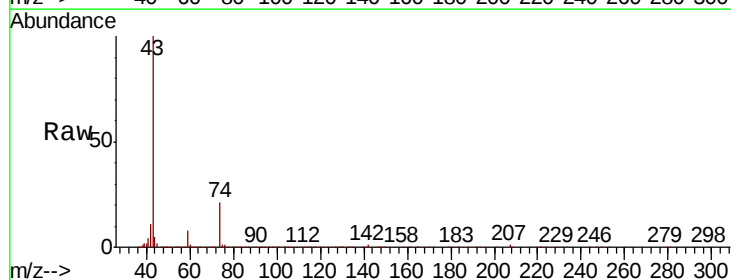
Acq: 23 Jul 2020 14:01

Tgt Ion: 43 Resp: 167126

Ion Ratio Lower Upper

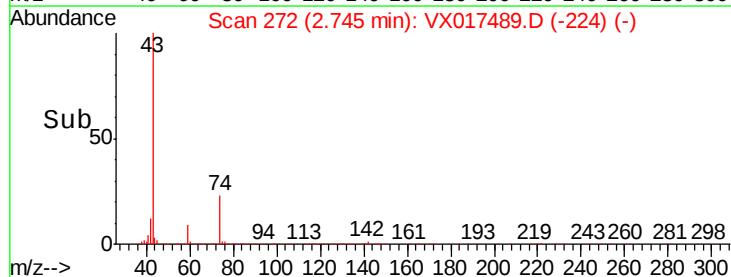
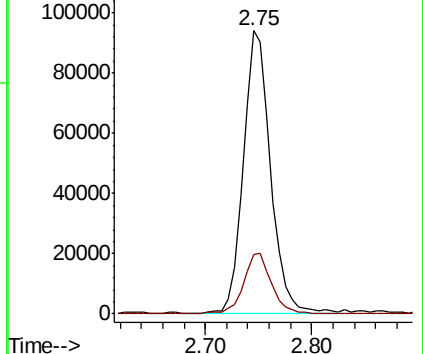
43 100

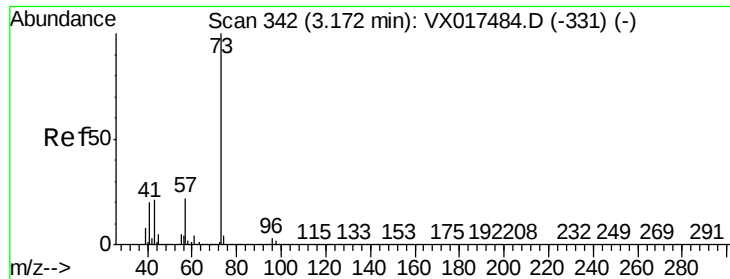
74 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

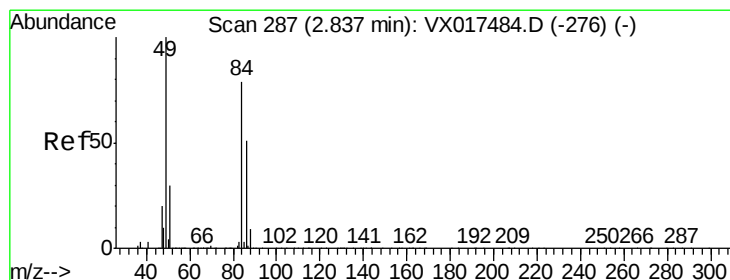
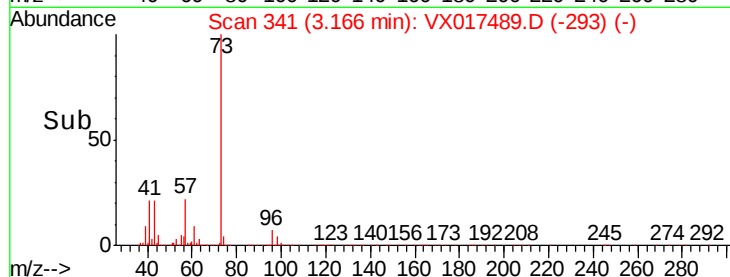
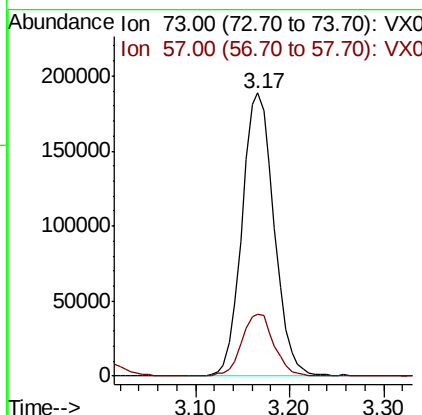
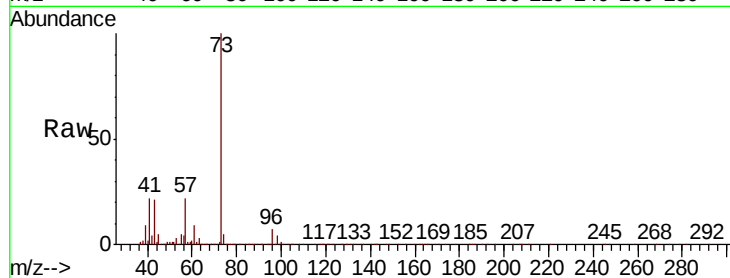




#19
Methyl tert-butyl Ether
Concen: 19.363 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

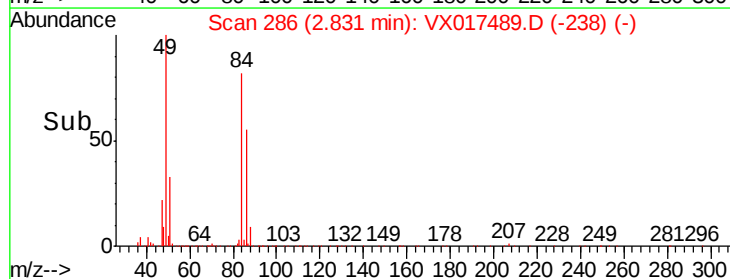
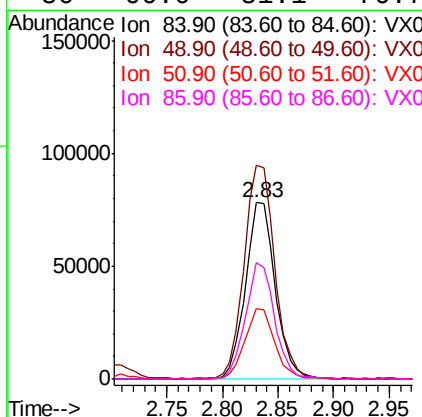
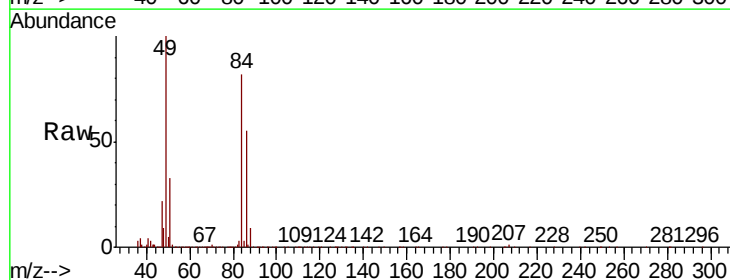
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

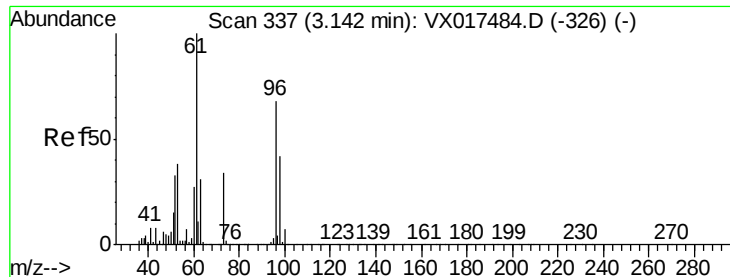
Tot Ion: 73 Resp: 447291
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.4



#20
Methylene Chloride
Concen: 20.338 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 84 Resp: 145170
Ion Ratio Lower Upper
84 100
49 121.3 100.3 150.5
51 39.7 30.5 45.7
86 66.0 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 19.803 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

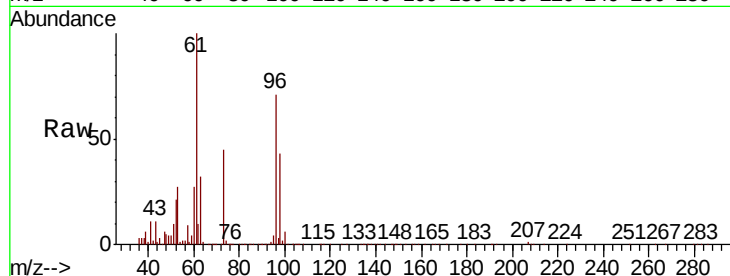
Tot Ion: 96 Resp: 141587

Ion Ratio Lower Upper

96 100

61 140.3 113.0 169.4

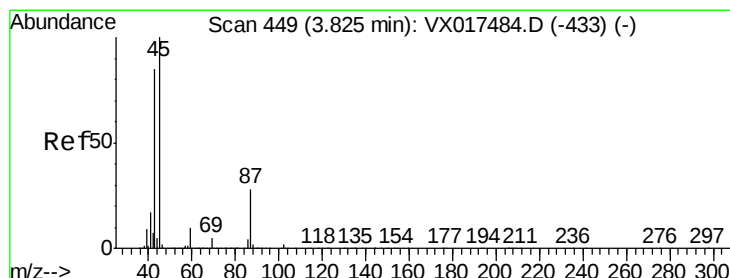
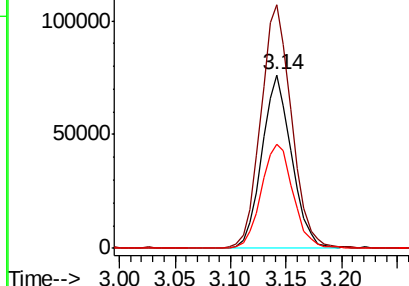
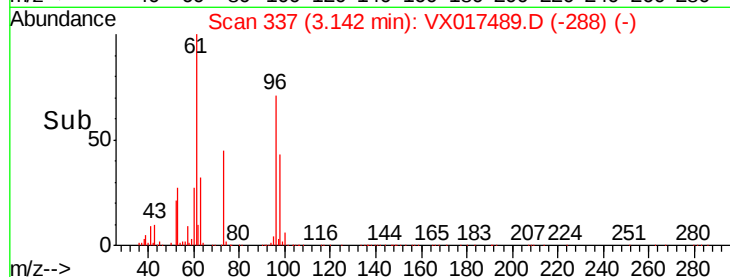
98 59.9 51.8 77.8



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: 20.989 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion: 45 Resp: 467692

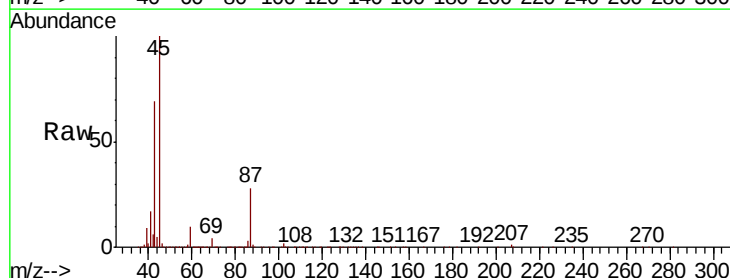
Ion Ratio Lower Upper

45 100

43 69.1 52.0 78.0

87 27.6 22.2 33.4

59 9.6 8.9 13.3

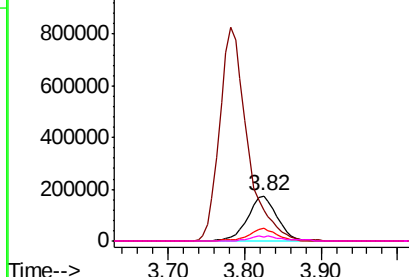
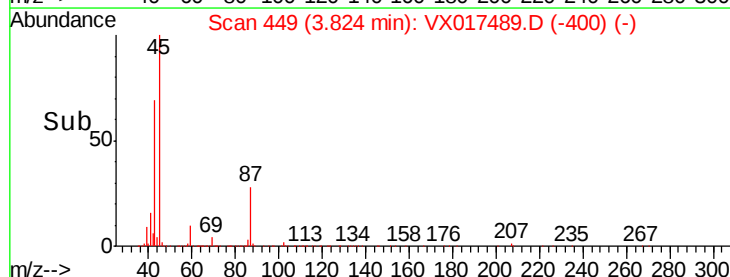


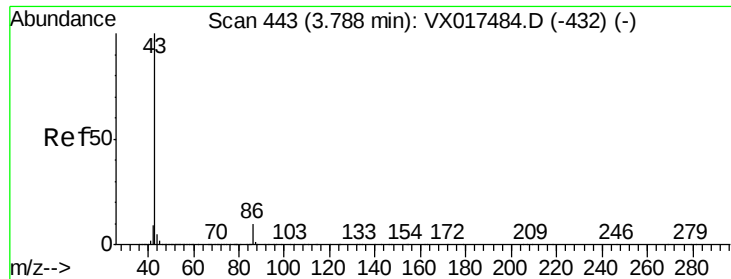
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 104.159 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

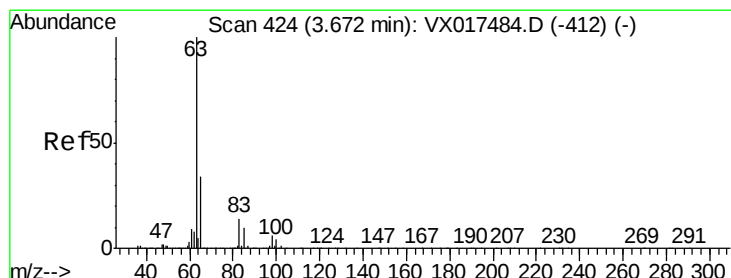
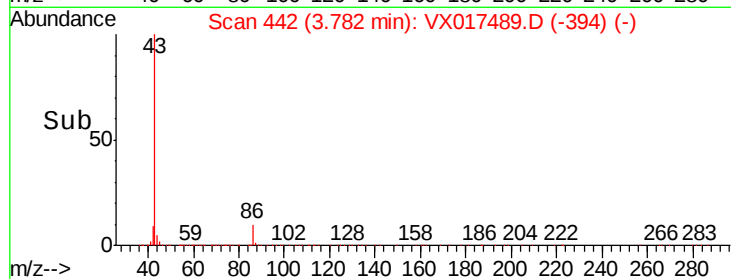
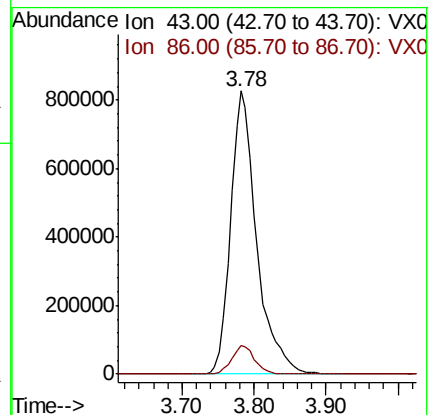
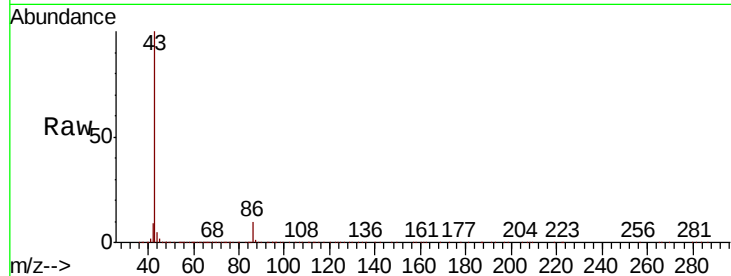
VX0723WBS01

Tot Ion: 43 Resp: 2069435

Ion Ratio Lower Upper

43 100

86 10.0 8.2 12.4



#24

1,1-Dichloroethane

Concen: 19.995 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

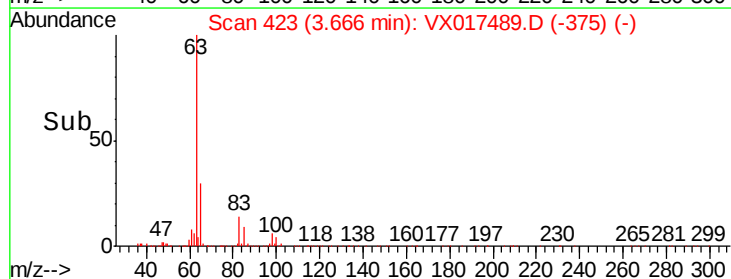
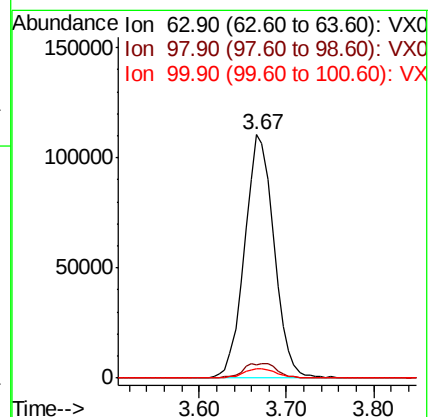
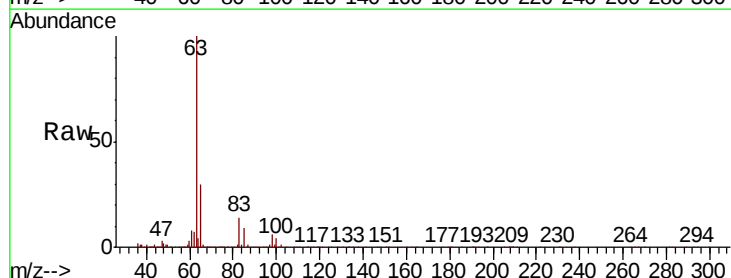
Tgt Ion: 63 Resp: 256661

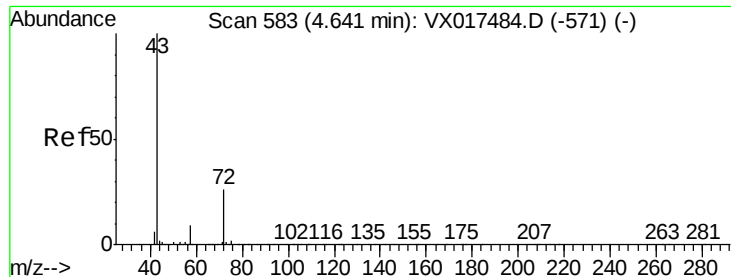
Ion Ratio Lower Upper

63 100

98 5.6 3.4 10.1

100 4.1 1.9 5.7

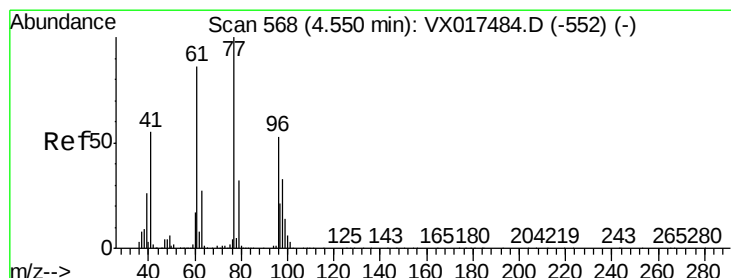
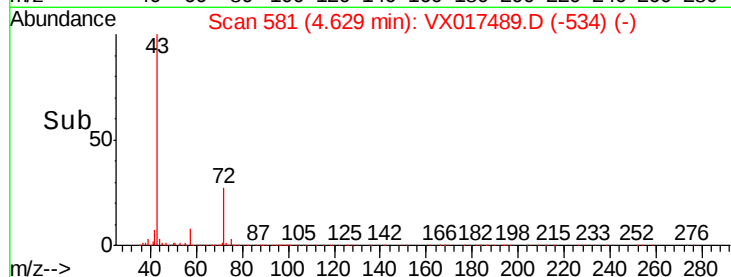
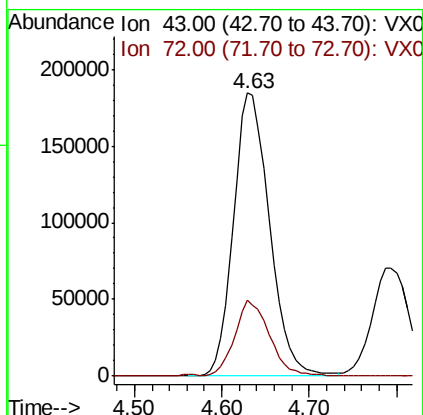
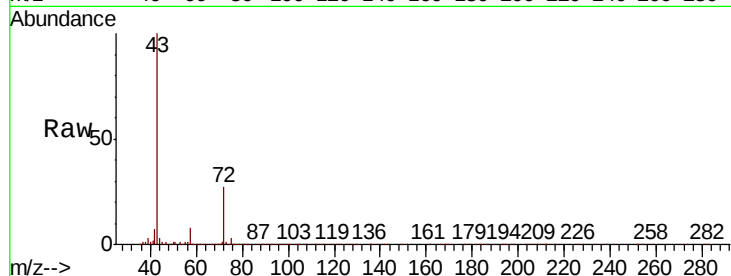




#25
2-Butanone
Concen: 101.360 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

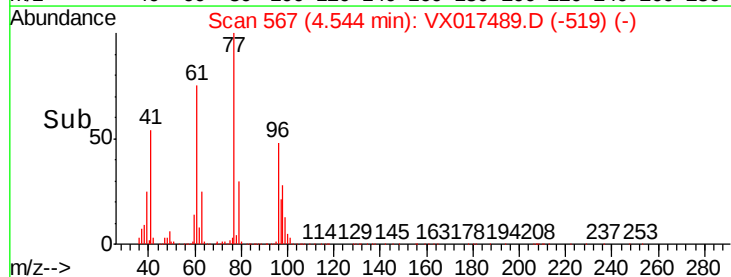
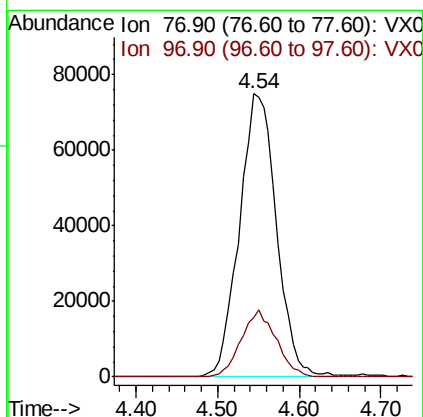
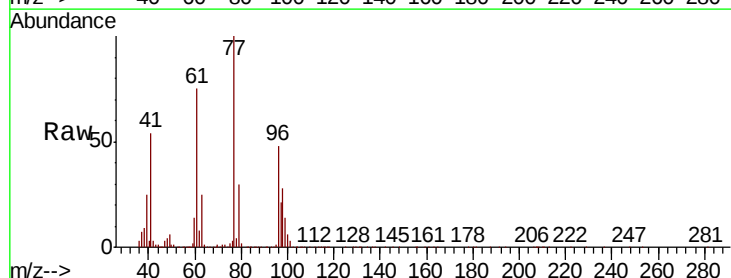
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

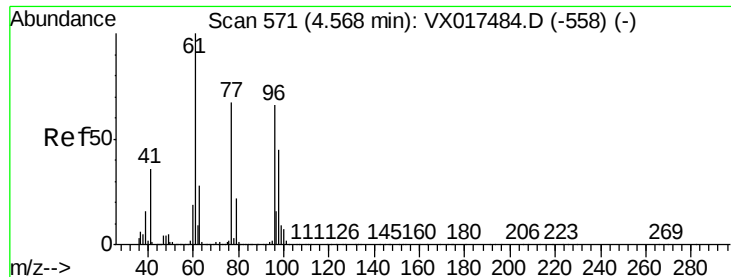
Tot Ion: 43 Resp: 526031
Ion Ratio Lower Upper
43 100
72 26.7 19.0 28.4



#26
2,2-Dichloropropane
Concen: 20.554 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 77 Resp: 236165
Ion Ratio Lower Upper
77 100
97 22.4 10.9 32.9



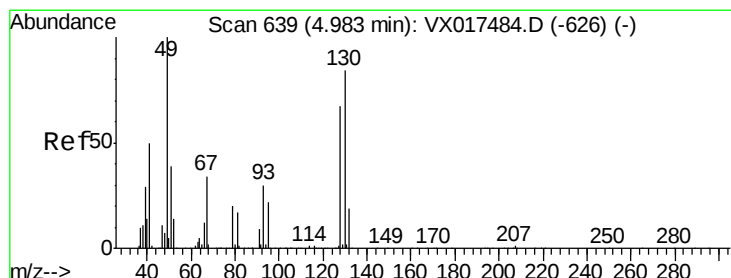
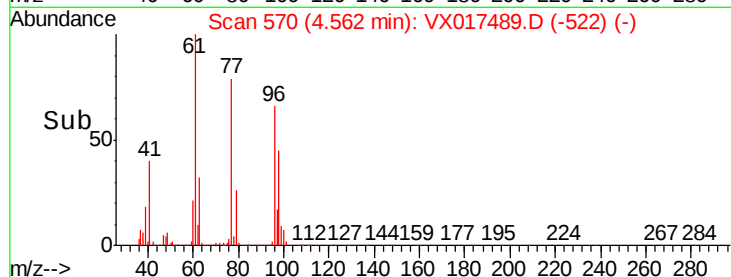
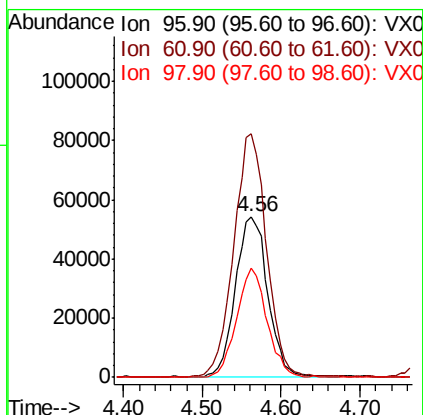
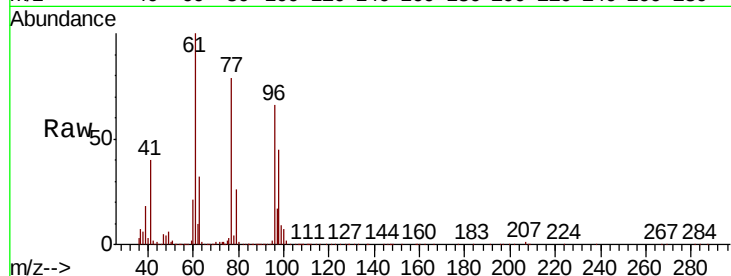


#27

cis-1,2-Dichloroethene
Concen: 20.059 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampled :
VX0723WBS01

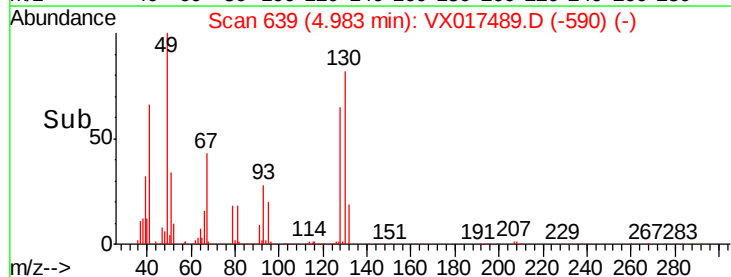
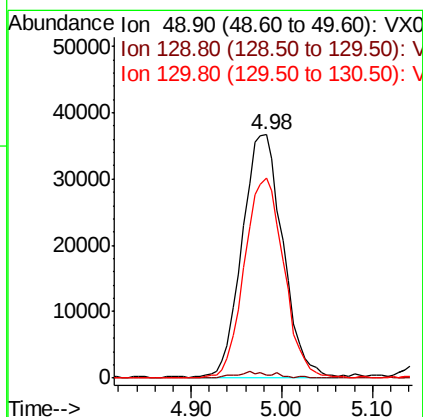
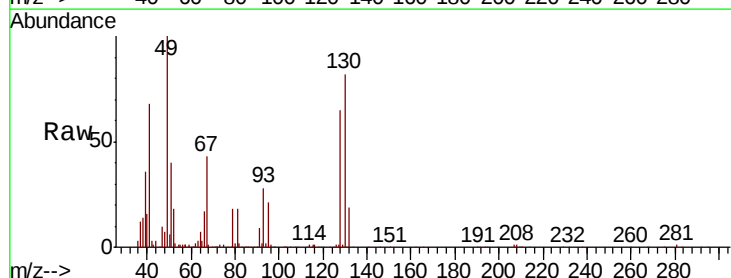
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	0.0	301.2
98	63.2	0.0	130.0

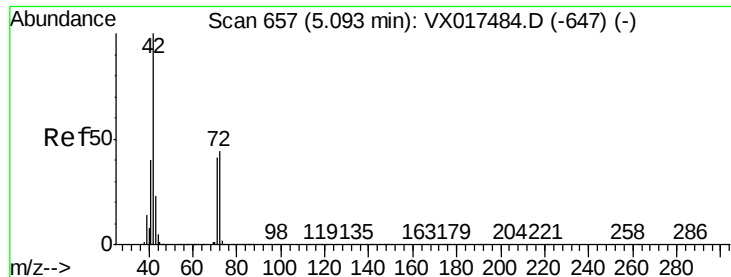


#28

Bromochloromethane
Concen: 19.542 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	80.2	66.7	100.1





#29

Tetrahydrofuran

Concen: 105.552 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

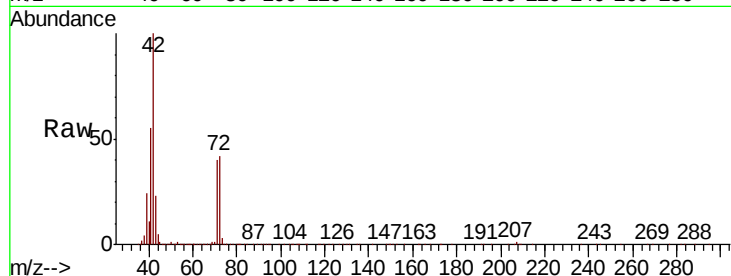
Tot Ion: 42 Resp: 339314

Ion Ratio Lower Upper

42 100

72 42.1 35.5 53.3

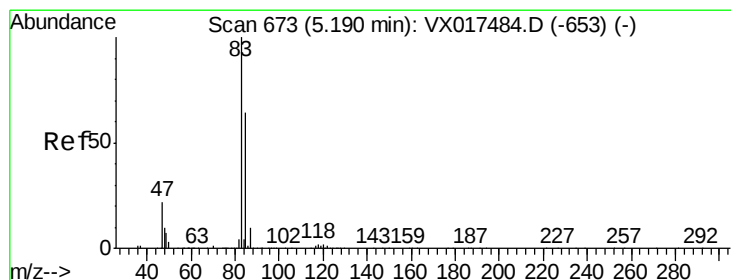
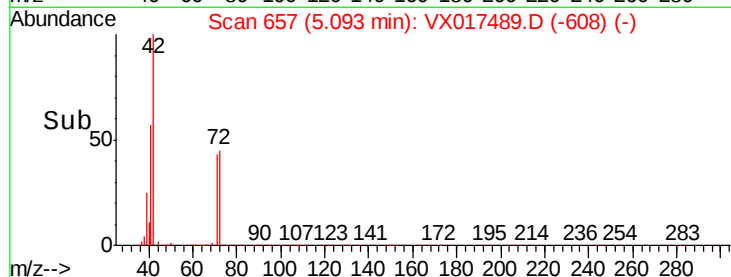
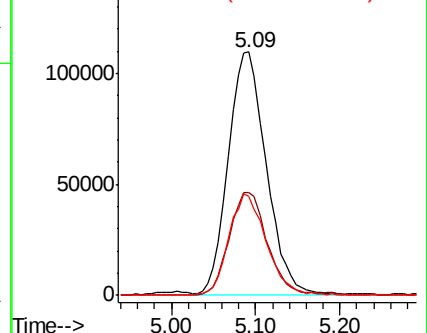
71 40.8 33.0 49.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.893 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX017489.D

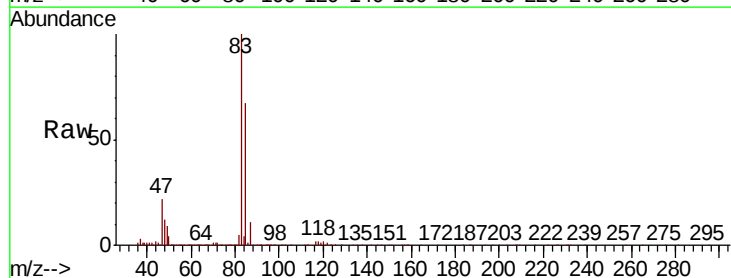
Acq: 23 Jul 2020 14:01

Tgt Ion: 83 Resp: 247792

Ion Ratio Lower Upper

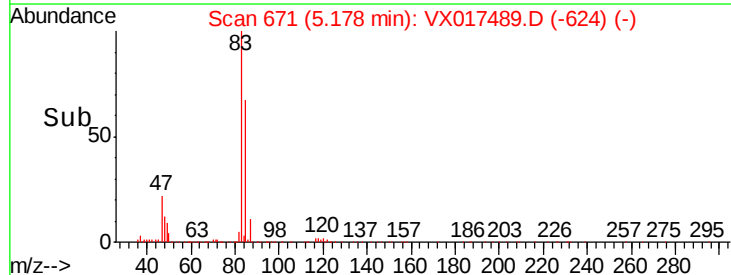
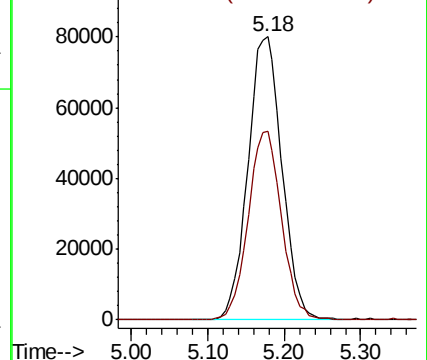
83 100

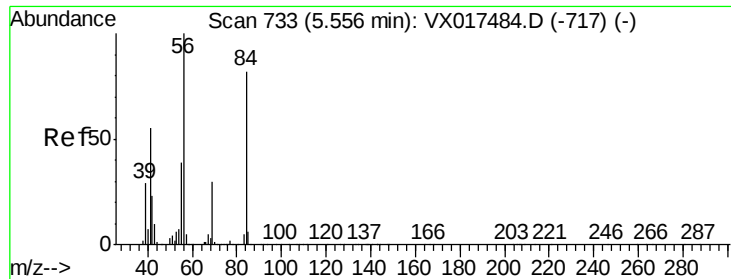
85 66.5 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

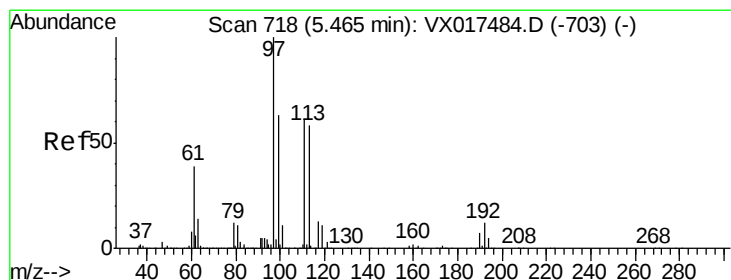
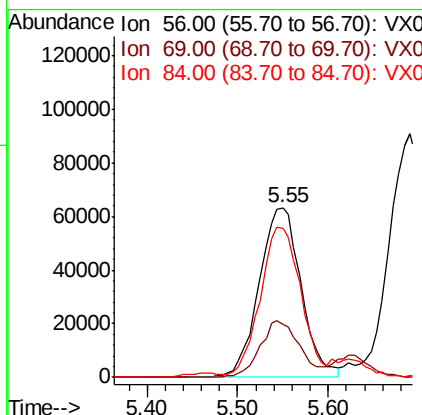
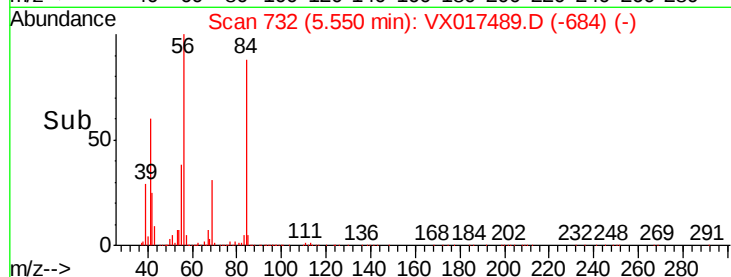
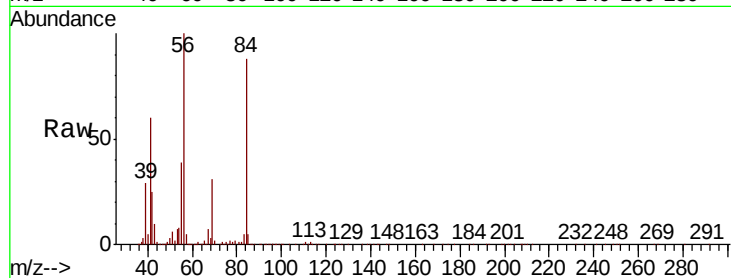




#31
Cvclohexane
Concen: 19.759 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

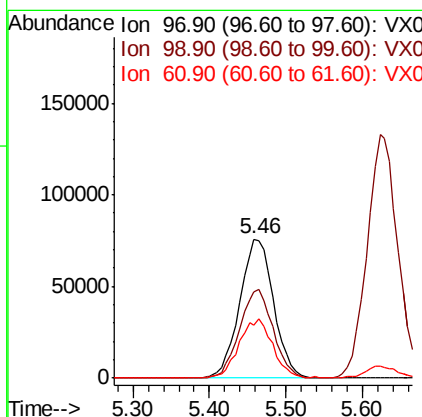
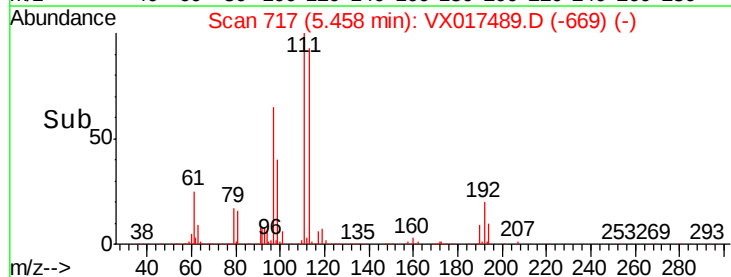
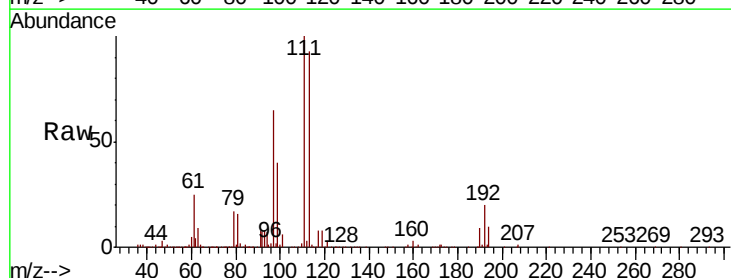
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

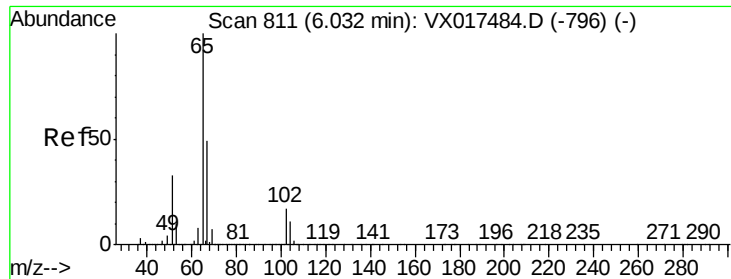
Tot Ion: 56 Resp: 202254
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.4
84 85.8 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.913 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 97 Resp: 233916
Ion Ratio Lower Upper
97 100
99 63.1 51.9 77.9
61 41.8 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 51.437 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

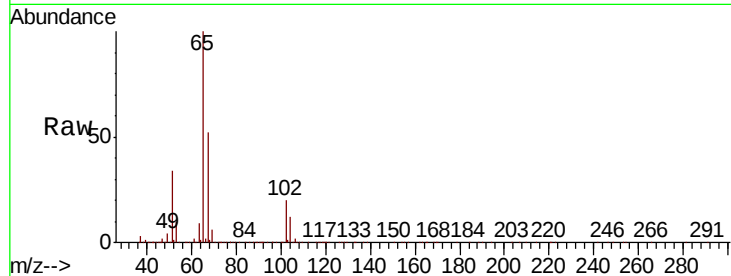
VX0723WBS01

Tot Ion: 65 Resp: 426937

Ion Ratio Lower Upper

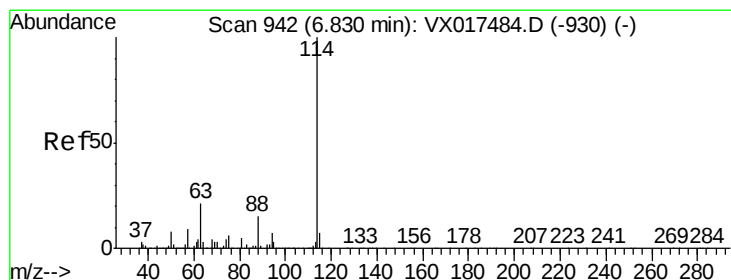
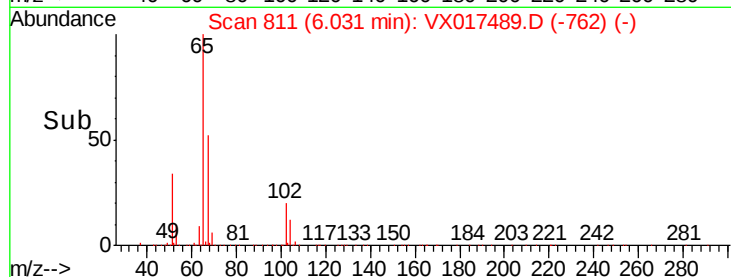
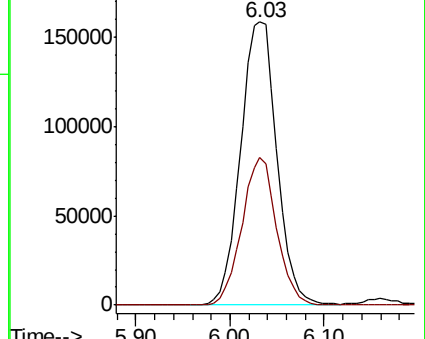
65 100

67 49.7 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: VX017489.D

Acq: 23 Jul 2020 14:01

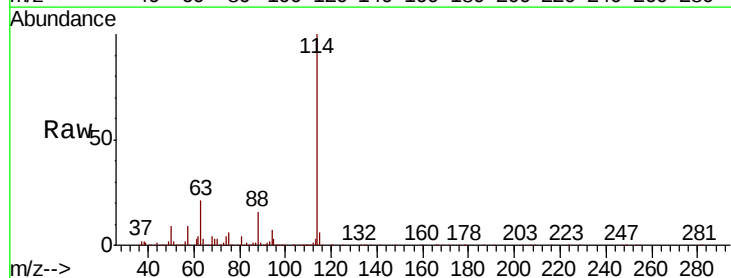
Tgt Ion: 114 Resp: 976045

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.6

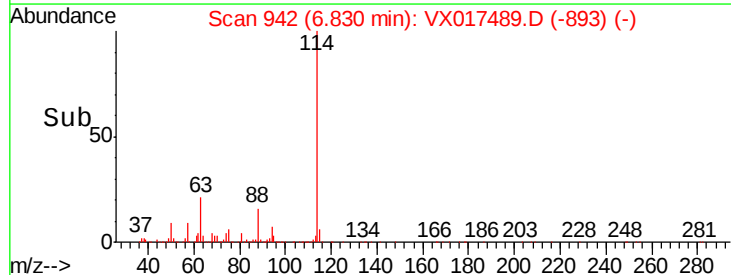
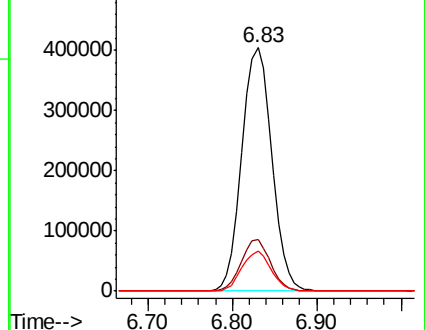
88 16.3 0.0 33.4

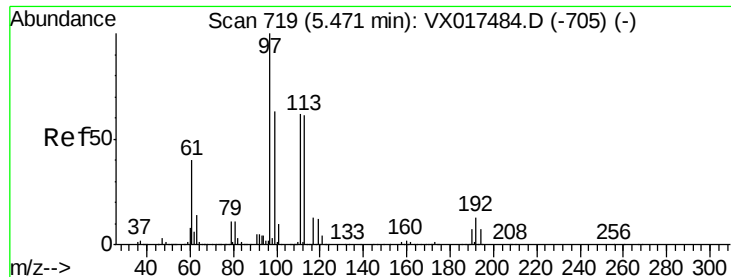


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.462 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

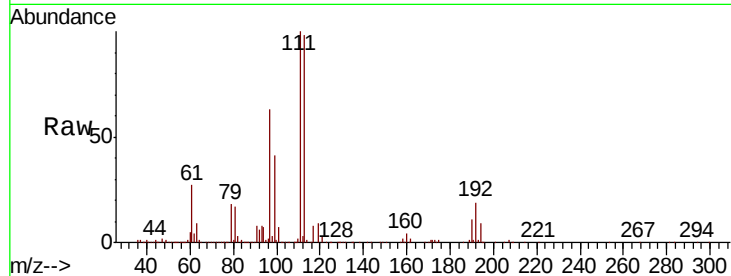
Tot Ion:113 Resp: 329411

Ion Ratio Lower Upper

113 100

111 102.0 80.7 121.1

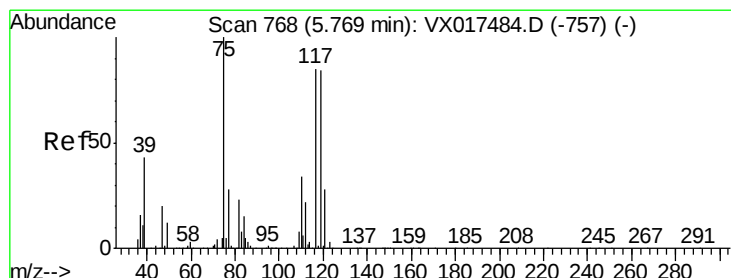
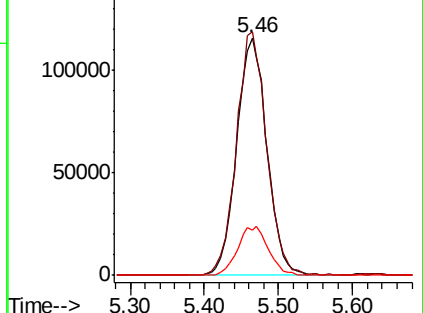
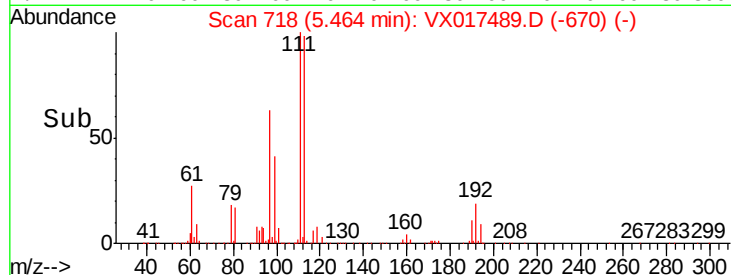
192 21.0 16.9 25.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.350 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

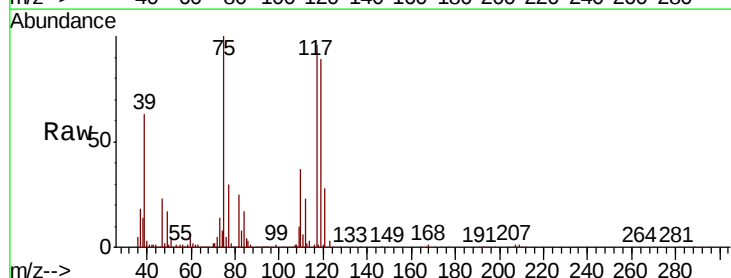
Tgt Ion: 75 Resp: 181134

Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.3

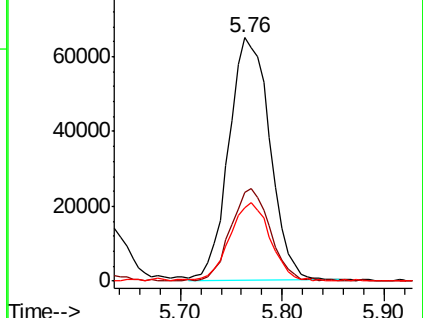
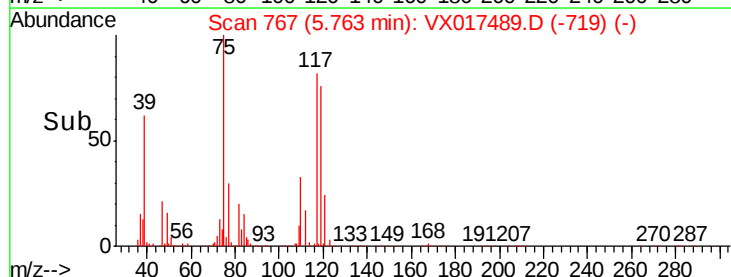
77 31.8 24.6 37.0

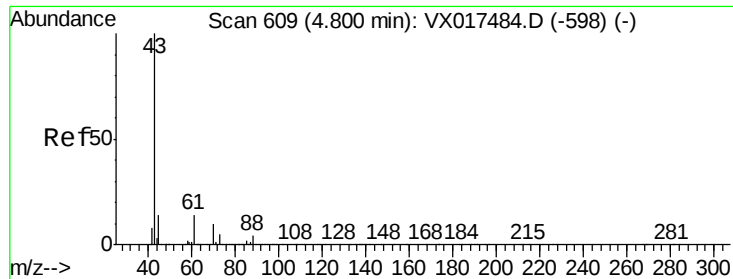


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

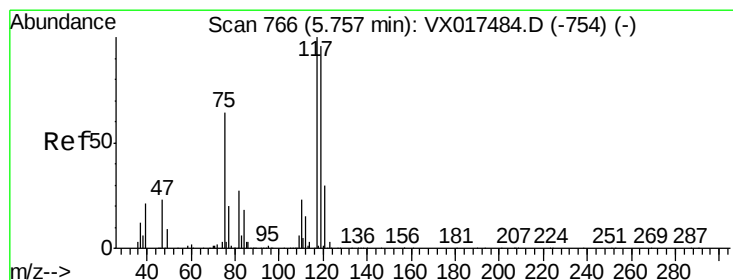
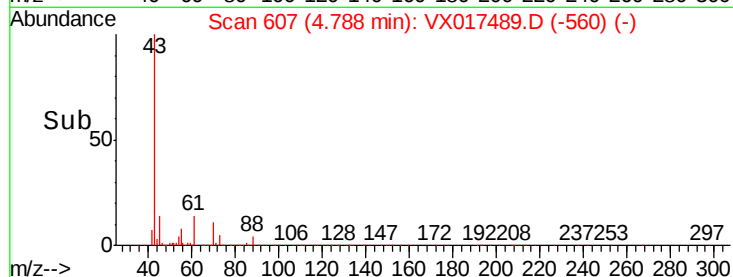
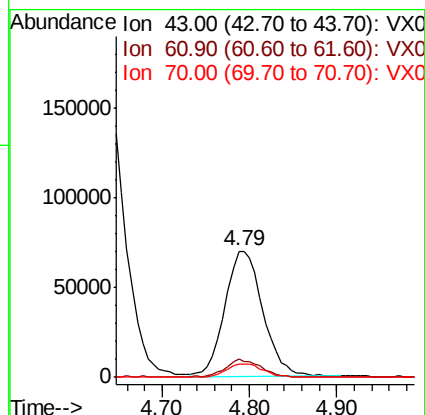
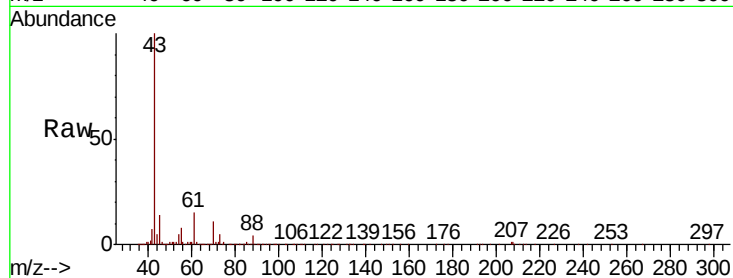




#37
Ethyl Acetate
Concen: 20.550 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

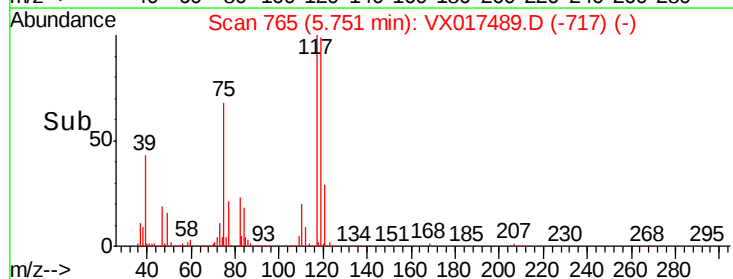
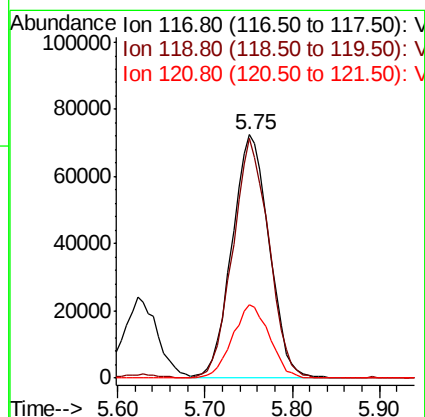
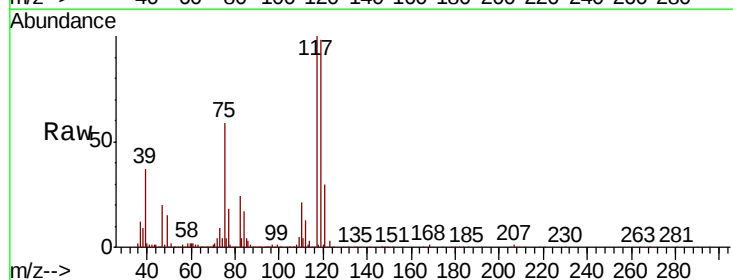
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

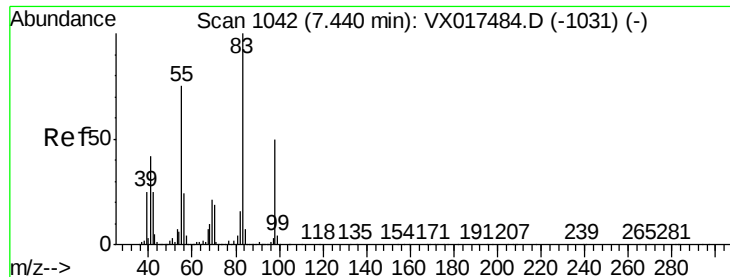
Tot Ion: 43 Resp: 210479
Ion Ratio Lower Upper
43 100
61 12.7 10.7 16.1
70 10.3 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.790 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 117 Resp: 213600
Ion Ratio Lower Upper
117 100
119 98.4 75.4 113.0
121 30.0 24.3 36.5

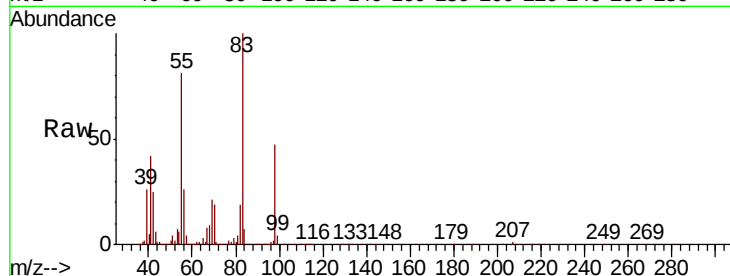




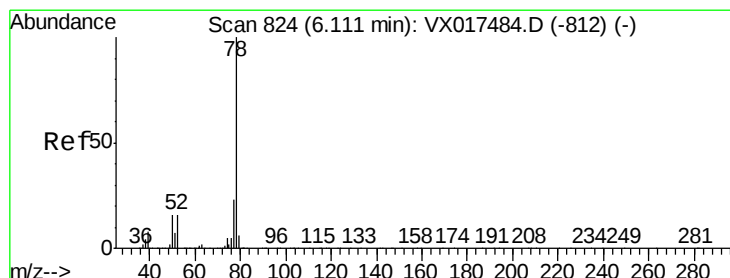
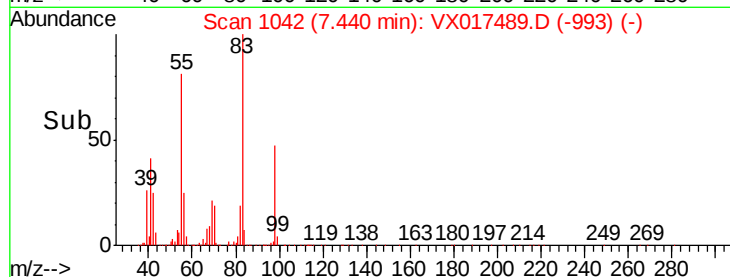
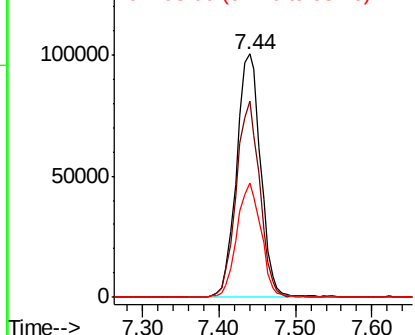
#39
Methvlcvclohexane
Concen: 20.026 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Instrument :
MSVOA_X
ClientSampled :
VX0723WBS01

Tot Ion: 83 Resp: 218842
Ion Ratio Lower Upper
83 100
55 80.6 61.8 92.8
98 46.8 36.9 55.3

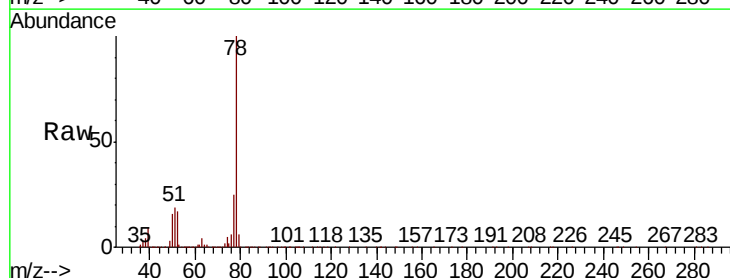


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

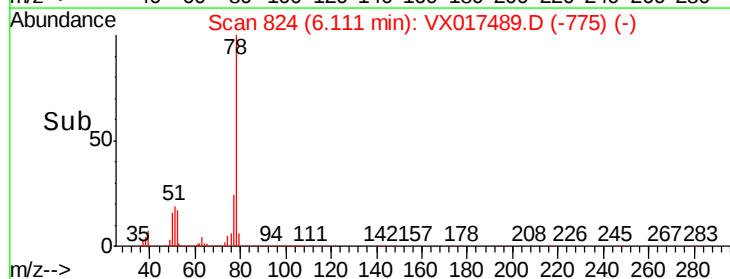
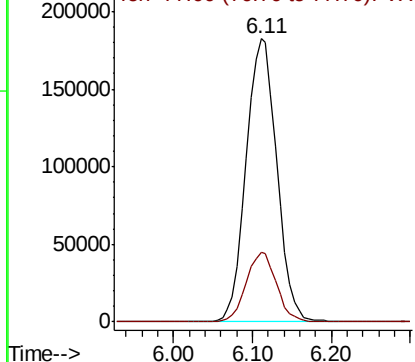


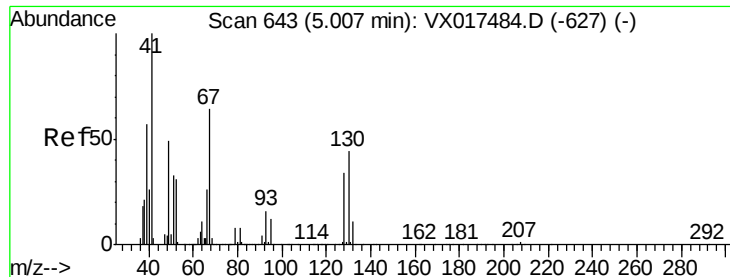
#40
Benzene
Concen: 18.435 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 78 Resp: 494757
Ion Ratio Lower Upper
78 100
77 24.5 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: 19.550 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 41 Resp: 114778

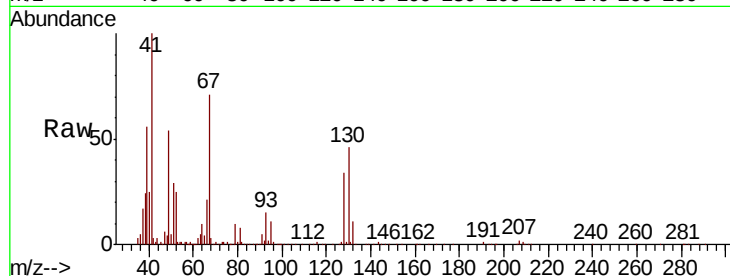
Ion Ratio Lower Upper

41 100

39 53.6 43.9 65.9

67 69.7 54.0 81.0

52 28.1 23.0 34.6

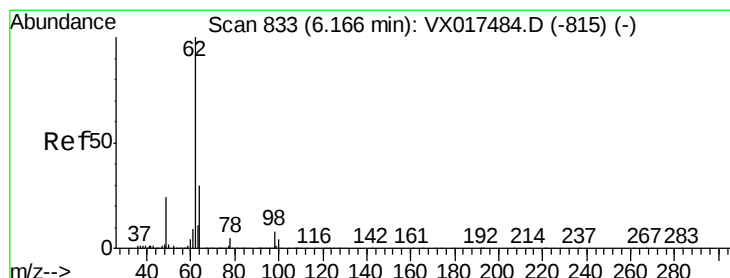
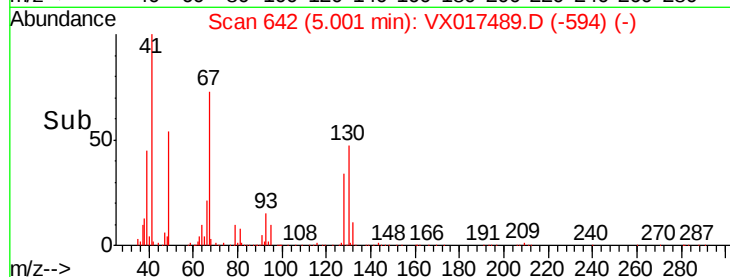
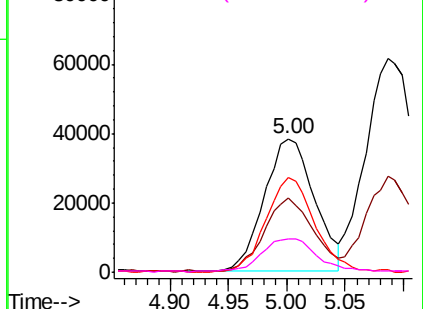


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.807 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017489.D

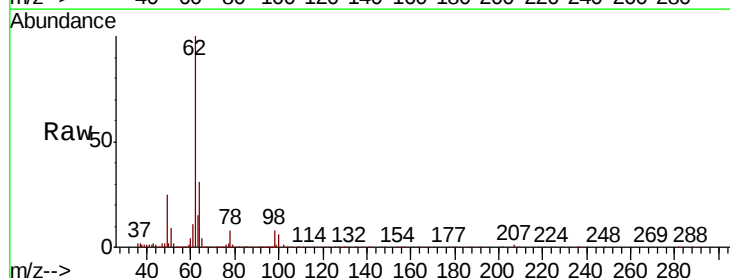
Acq: 23 Jul 2020 14:01

Tgt Ion: 62 Resp: 206491

Ion Ratio Lower Upper

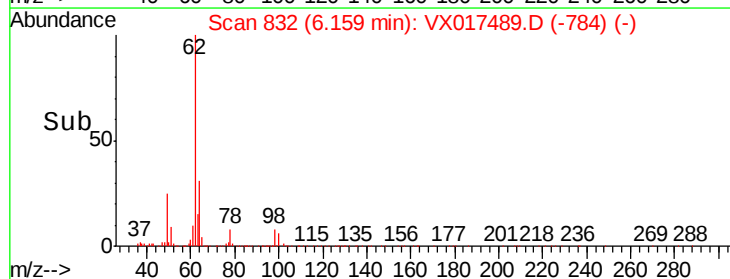
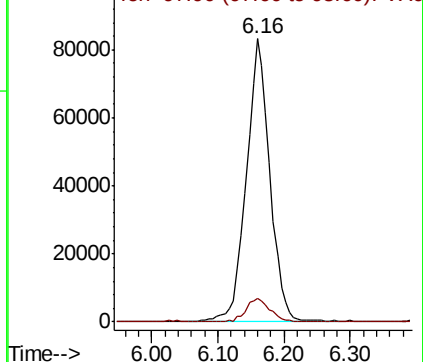
62 100

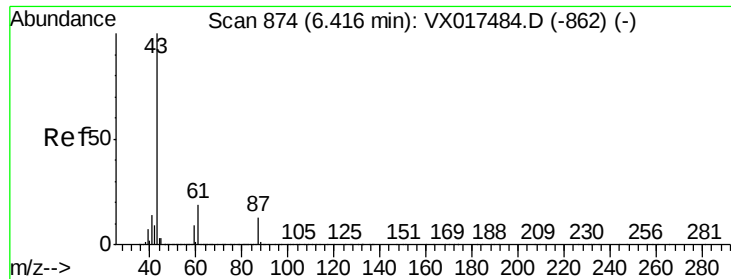
98 8.6 0.0 16.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



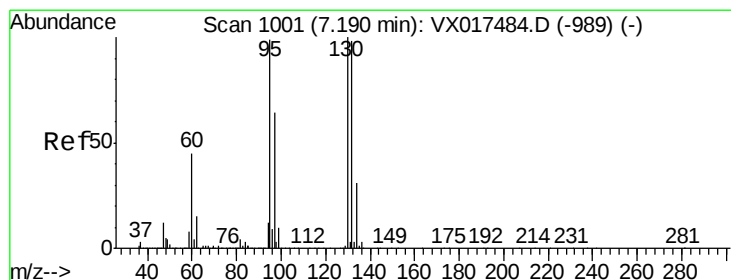
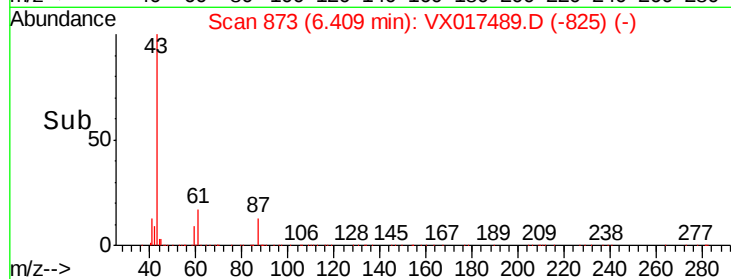
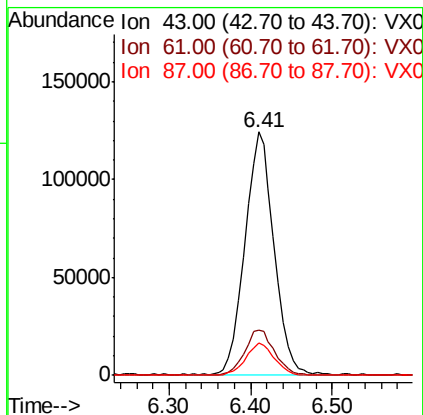
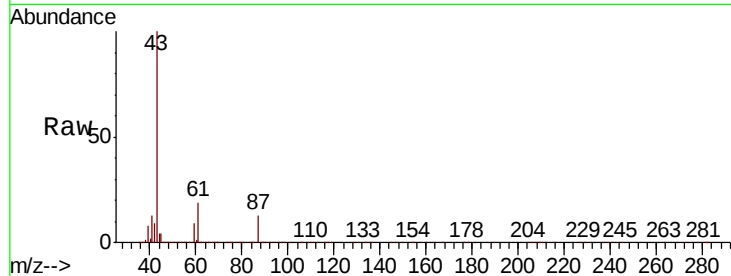


#43

Isopropyl Acetate
 Concen: 18.189 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

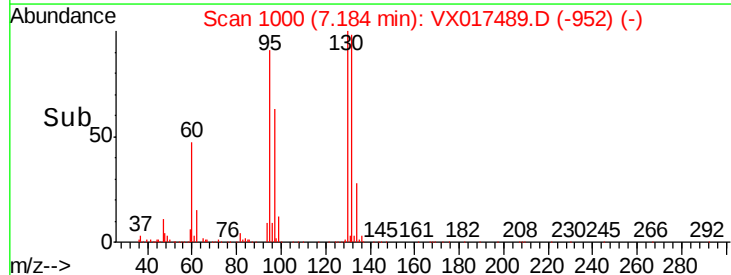
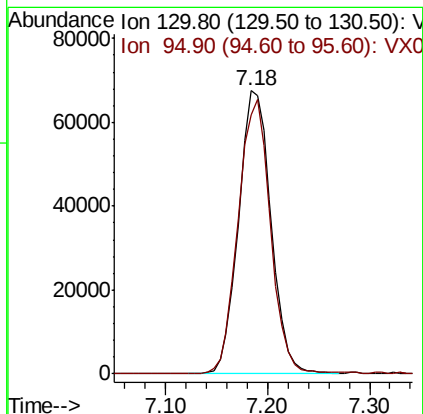
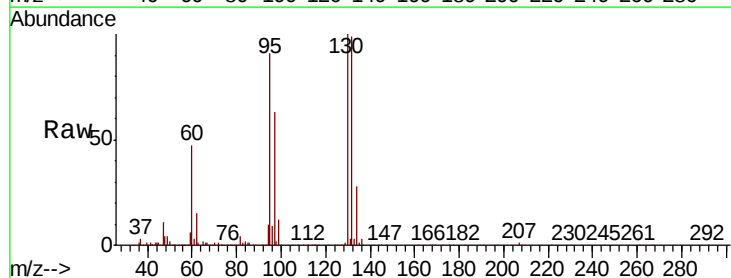
Tot Ion	43	Resp	307386
Ion Ratio	Lower	Upper	
43	100		
61	19.3	15.5	23.3
87	13.3	10.5	15.7

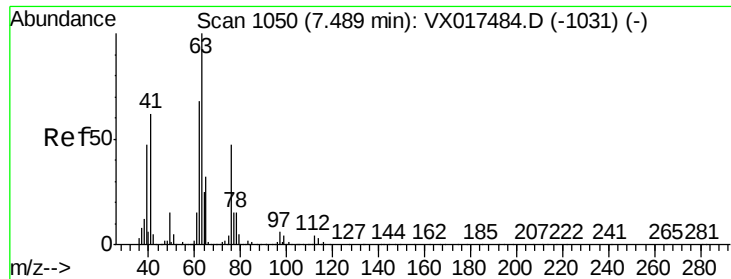


#44

Trichloroethene
 Concen: 19.059 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	130	Resp	149480
Ion Ratio	Lower	Upper	
130	100		
95	91.4	0.0	189.0





#45

1,2-Dichloropropane

Concen: 17.321 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

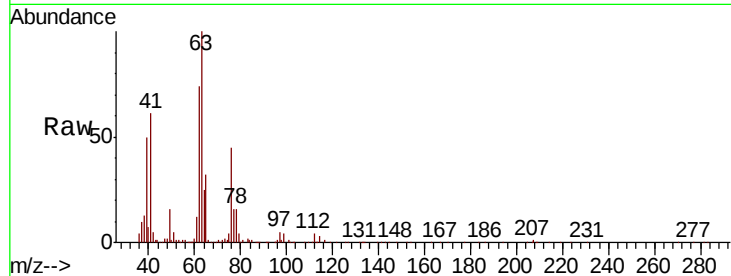
VX0723WBS01

Tot Ion: 63 Resp: 128869

Ion Ratio Lower Upper

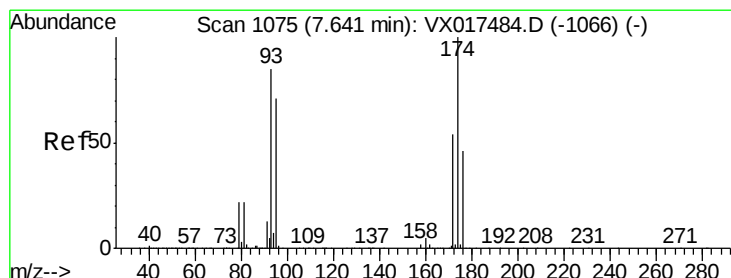
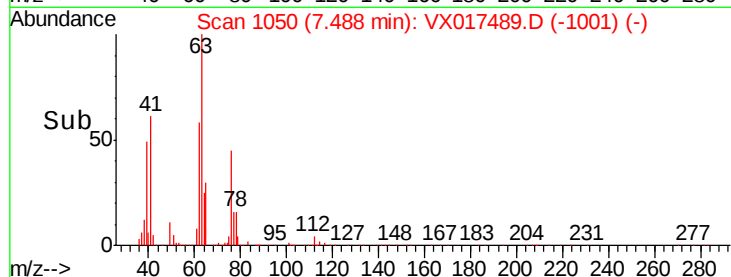
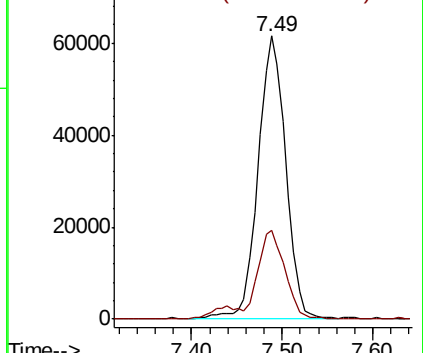
63 100

65 31.5 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.474 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

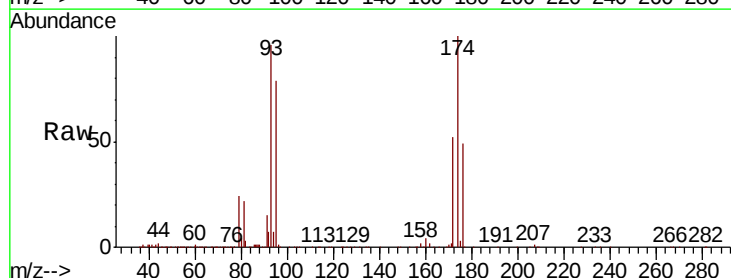
Tgt Ion: 93 Resp: 91874

Ion Ratio Lower Upper

93 100

95 85.2 66.6 99.8

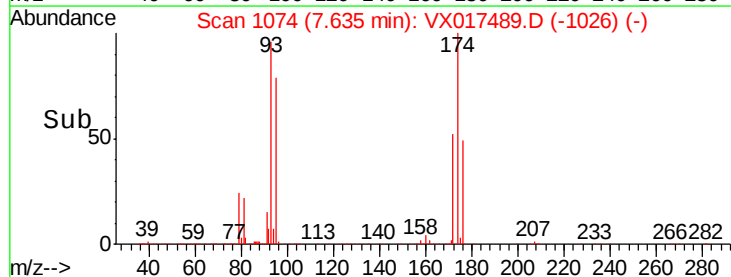
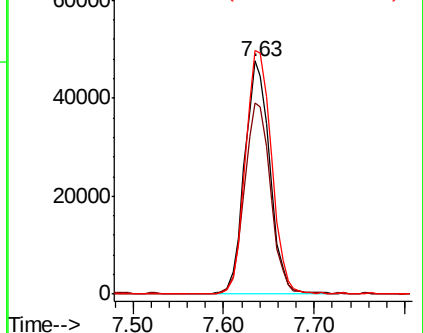
174 108.3 87.0 130.6

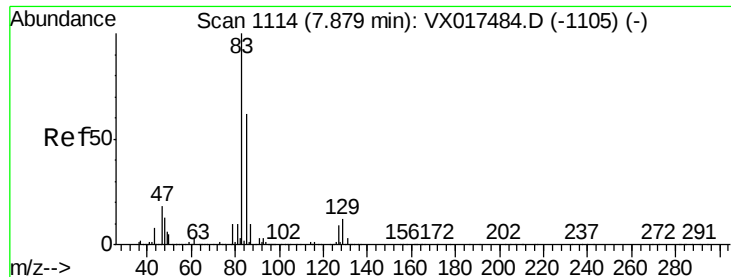


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.967 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

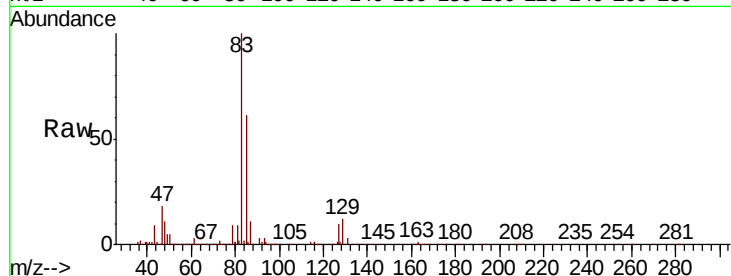
Tot Ion: 83 Resp: 190083

Ion Ratio Lower Upper

83 100

85 61.1 51.8 77.8

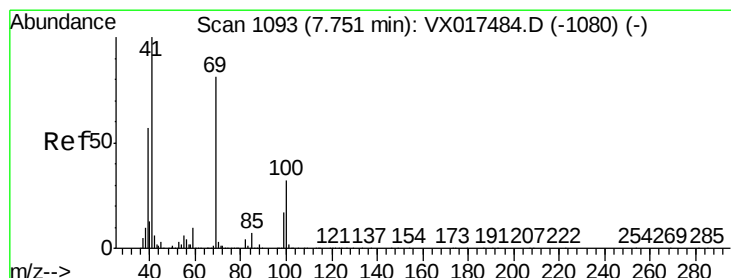
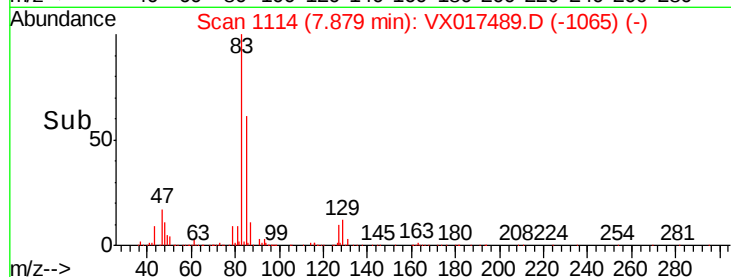
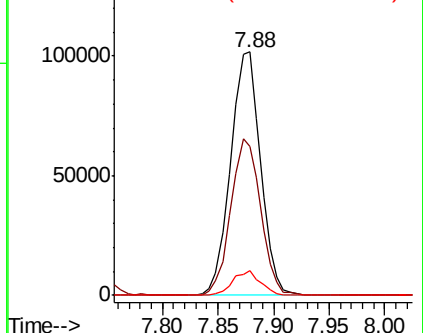
127 10.1 7.4 11.2



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: 17.683 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

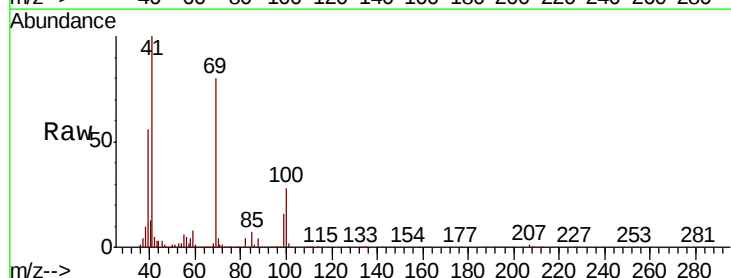
Tgt Ion: 41 Resp: 148130

Ion Ratio Lower Upper

41 100

69 81.3 63.1 94.7

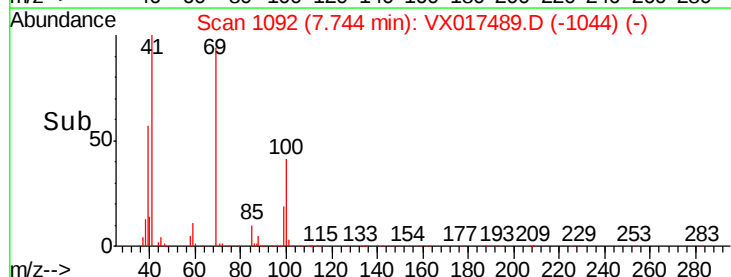
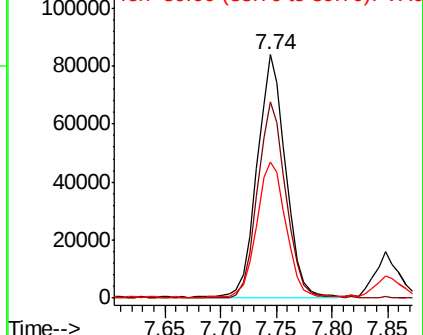
39 57.9 45.1 67.7

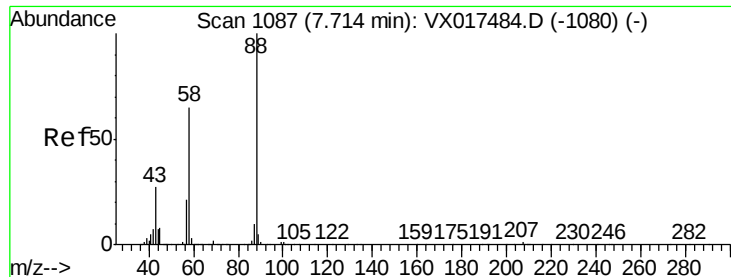


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 414.423 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

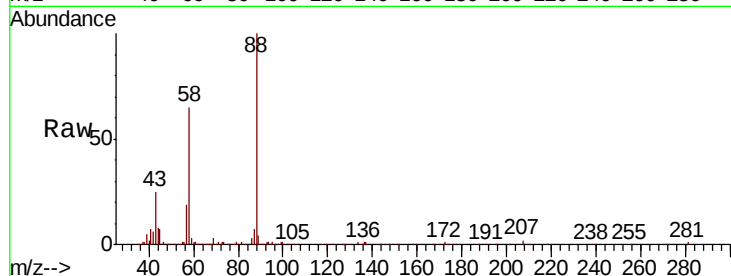
MSVOA_X

ClientSampleId :

VX0723WBS01

Tot Ion: 88 Resp: 66559

Ion	Ratio	Lower	Upper
88	100		
43	32.6	27.8	41.6
58	70.0	58.3	87.5

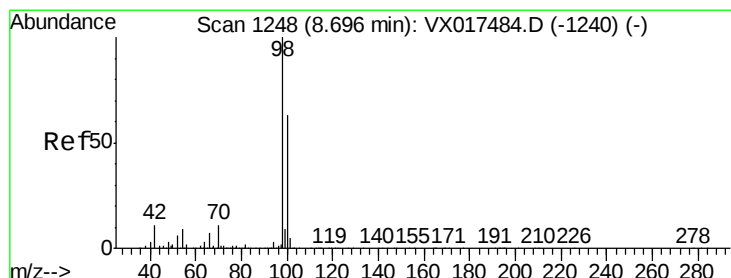
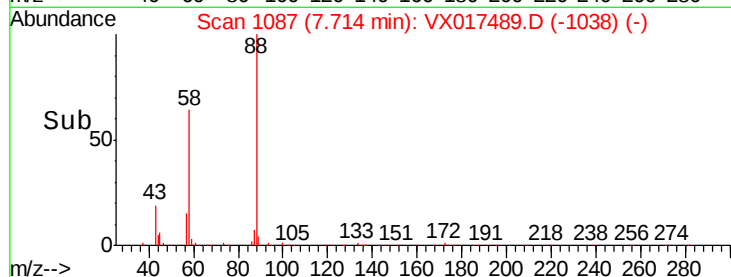
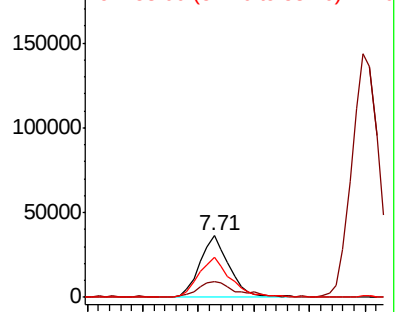


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.987 ug/l

RT: 8.70 min Scan# 1248

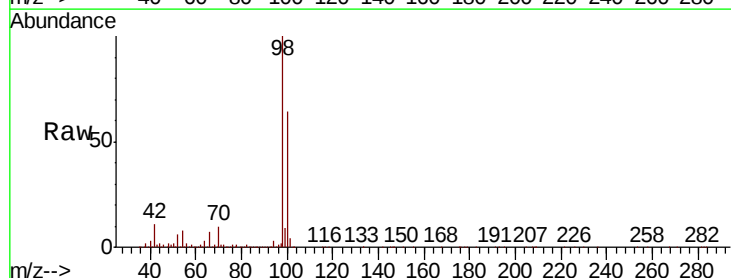
Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion: 98 Resp: 1130038

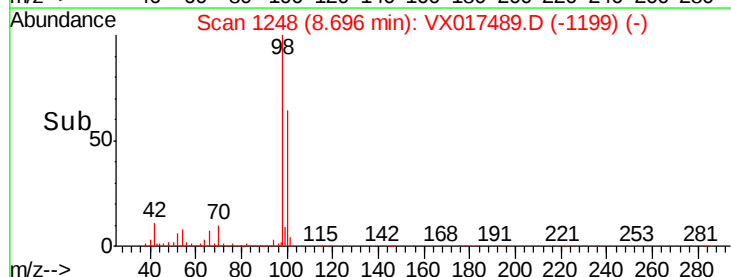
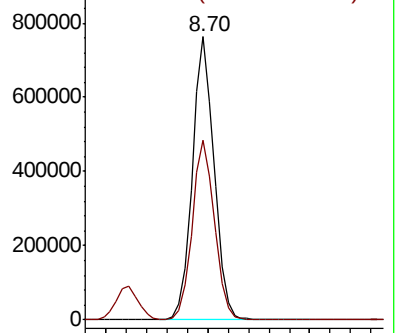
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.3	78.5

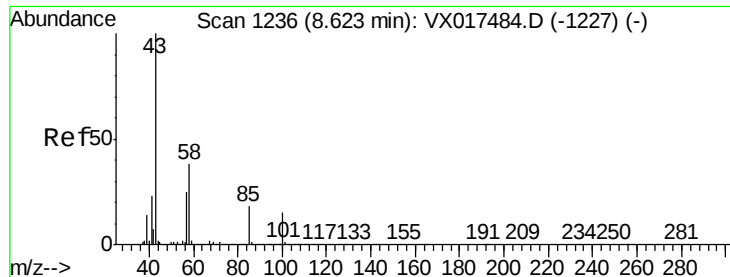


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

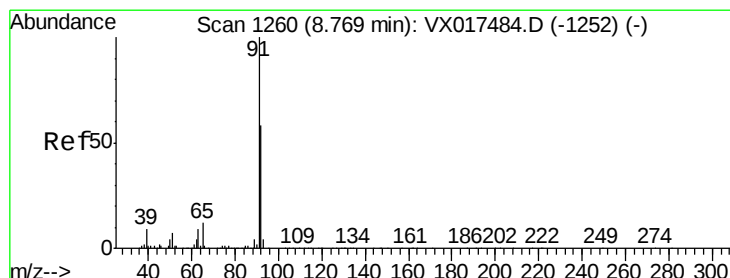
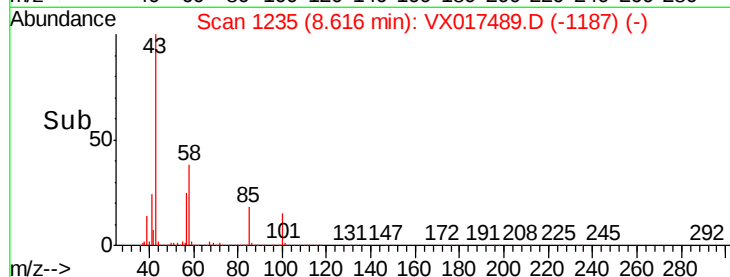
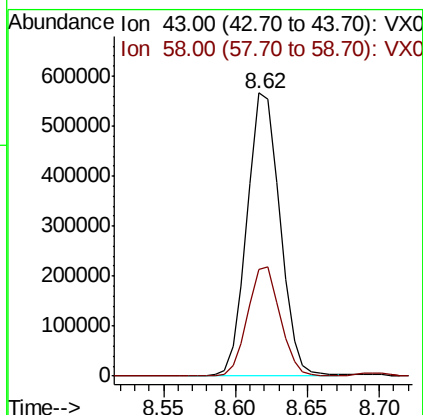
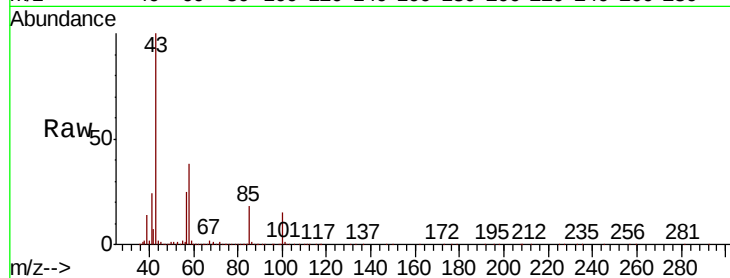




#51
4-Methyl-2-Pentanone
Concen: 88.935 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

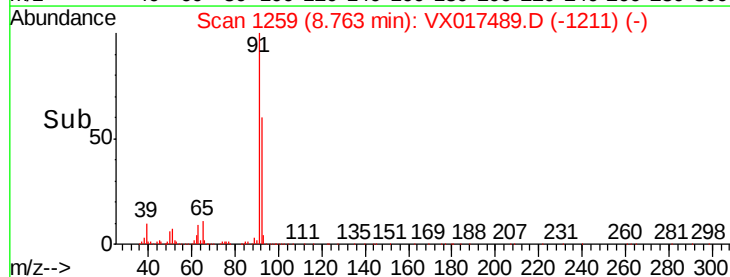
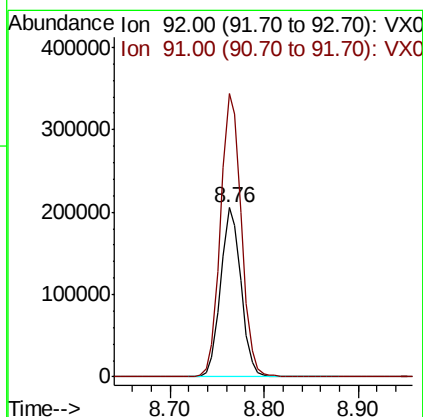
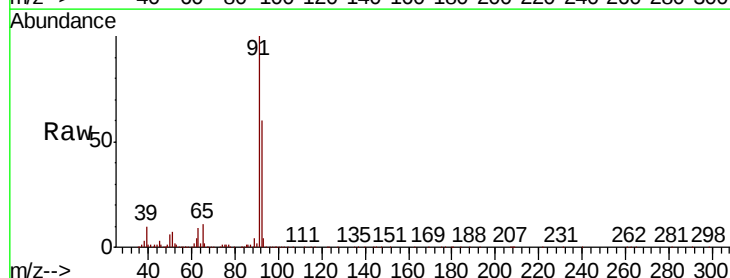
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

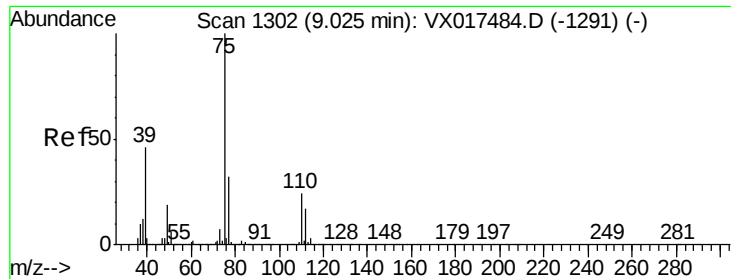
Tot Ion: 43 Resp: 896757
Ion Ratio Lower Upper
43 100
58 38.2 31.0 46.4



#52
Toluene
Concen: 17.890 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 92 Resp: 307922
Ion Ratio Lower Upper
92 100
91 170.9 137.6 206.4

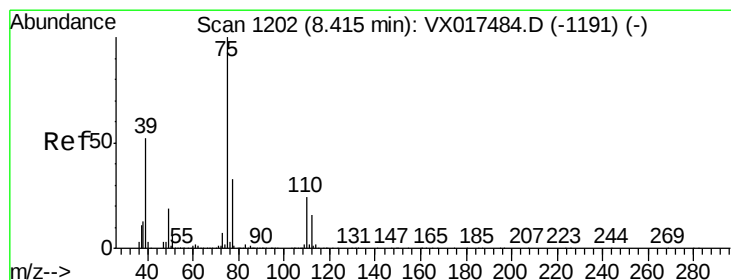
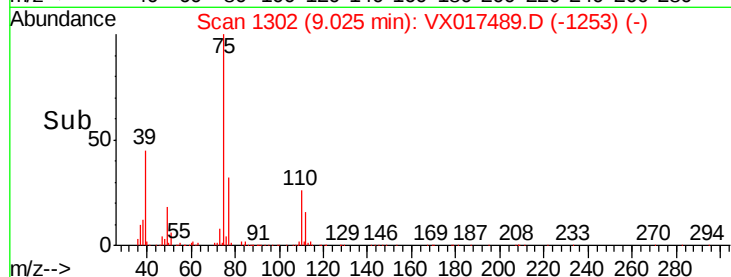
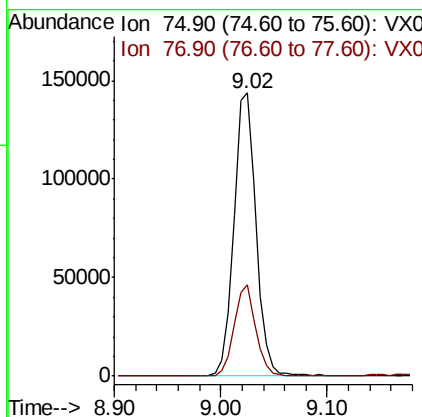
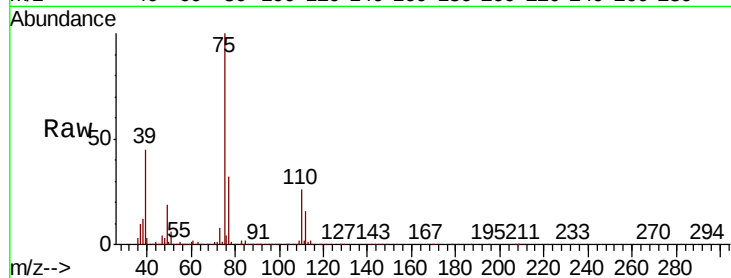




#53
t-1,3-Dichloropropene
Concen: 17.717 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

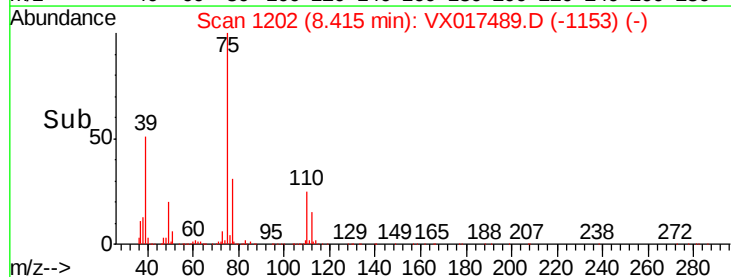
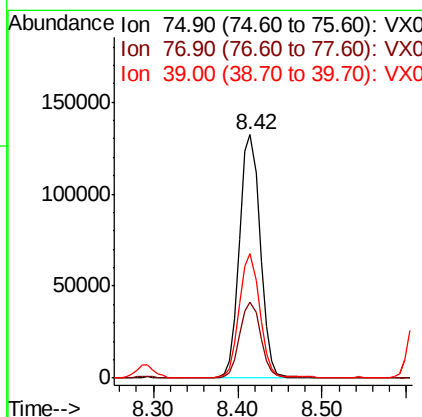
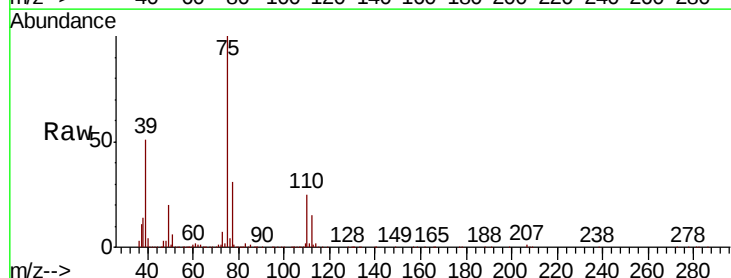
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion: 75 Resp: 209816
Ion Ratio Lower Upper
75 100
77 32.1 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 18.151 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 75 Resp: 219263
Ion Ratio Lower Upper
75 100
77 31.1 25.5 38.3
39 50.8 41.8 62.8

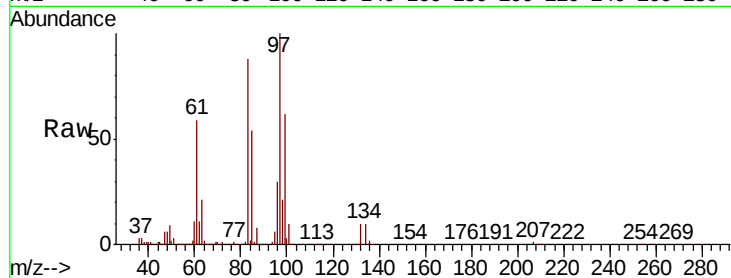




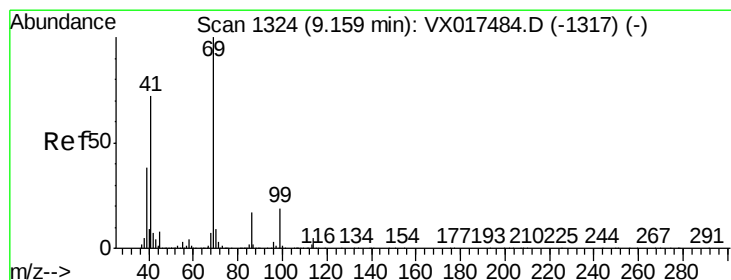
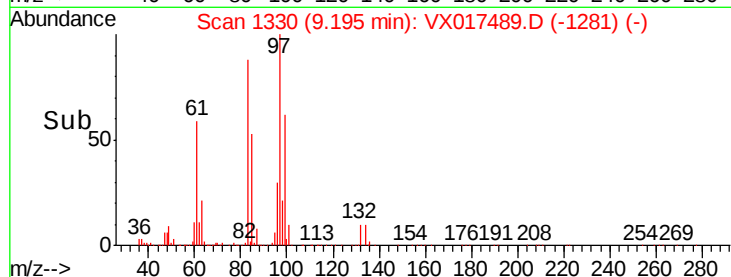
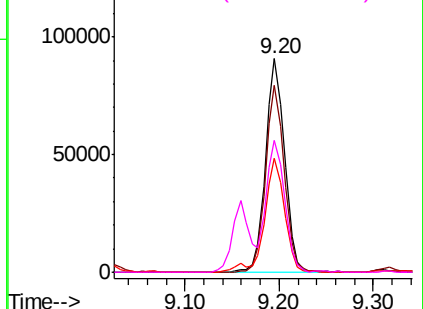
#55
 1,1,2-Trichloroethane
 Concen: 18.183 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0723WBS01

Tot Ion:	97	Resp:	130373
Ion	Ratio	Lower	Upper
97	100		
83	87.7	67.6	101.4
85	53.6	44.6	67.0
99	61.5	50.2	75.4

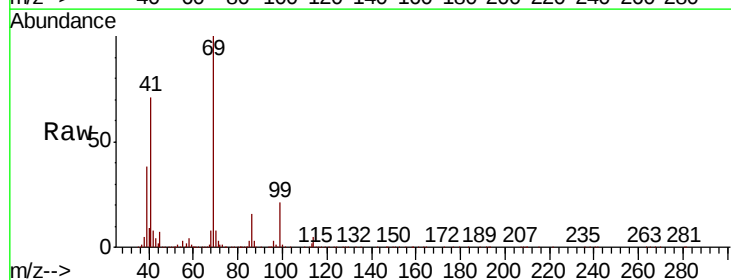


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

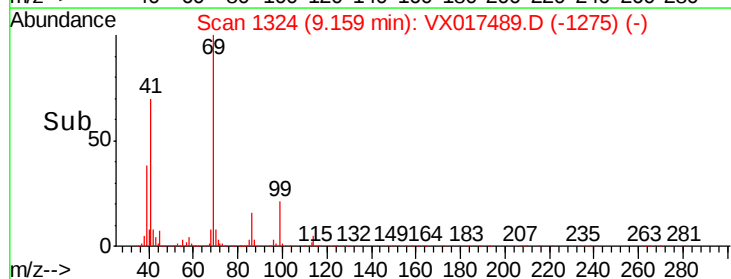
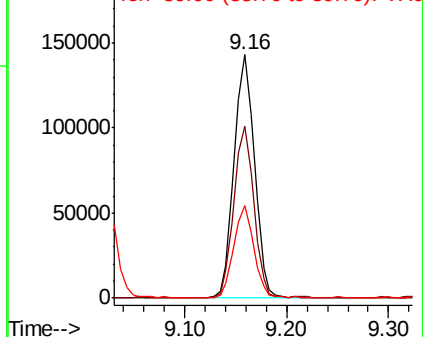


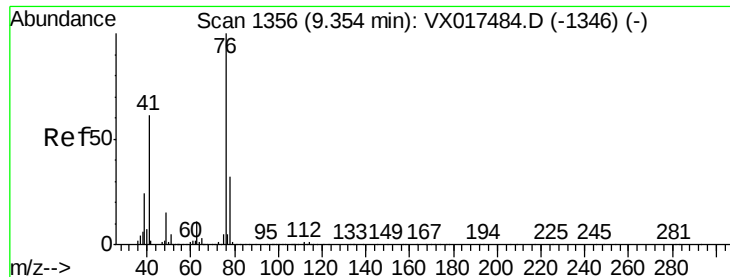
#56
 Ethyl methacrylate
 Concen: 18.288 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion:	69	Resp:	197552
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.0	82.6
39	37.0	30.0	45.0



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

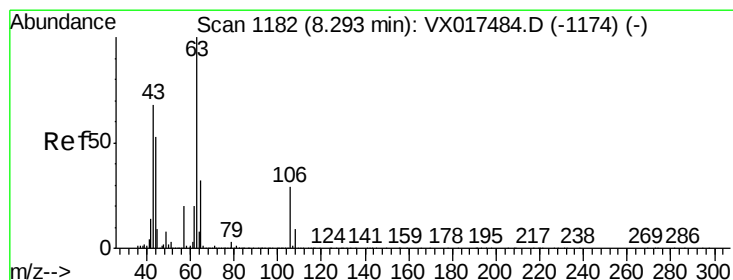
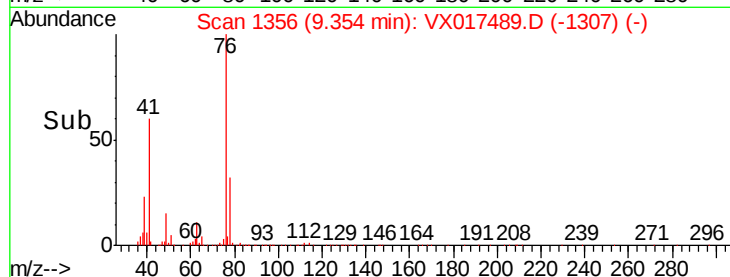
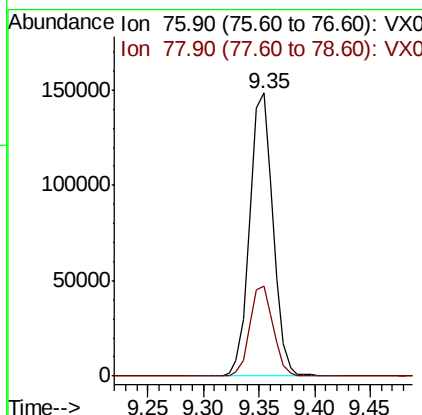
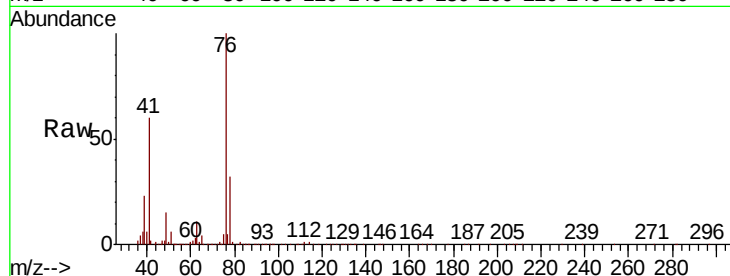




#57
 1,3-Dichloropropane
 Concen: 18.324 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

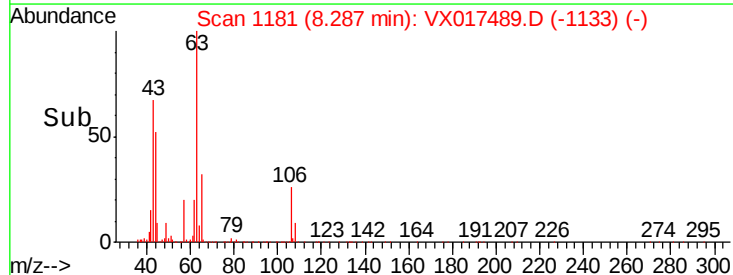
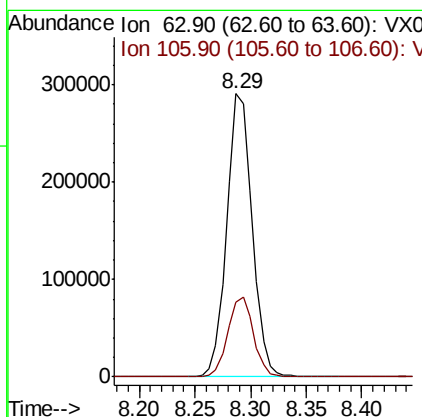
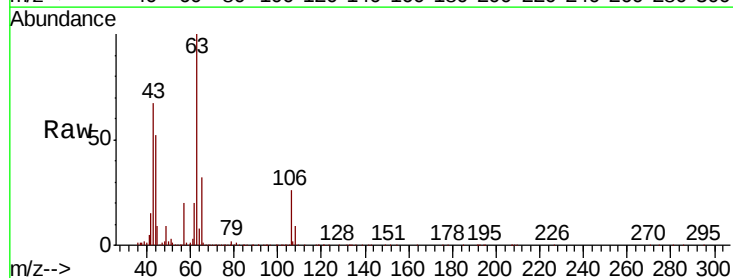
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

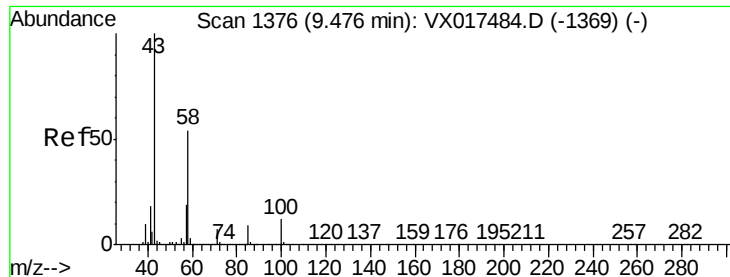
Tot Ion: 76 Resp: 216342
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.637 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion: 63 Resp: 458910
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.6 34.0

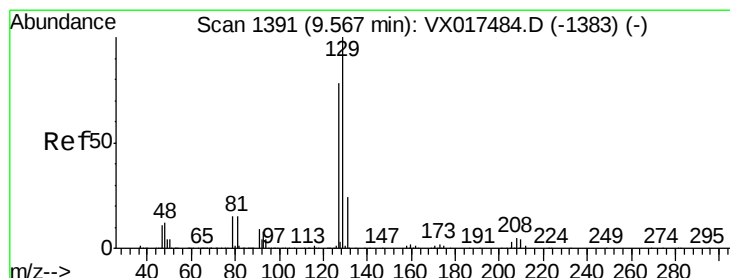
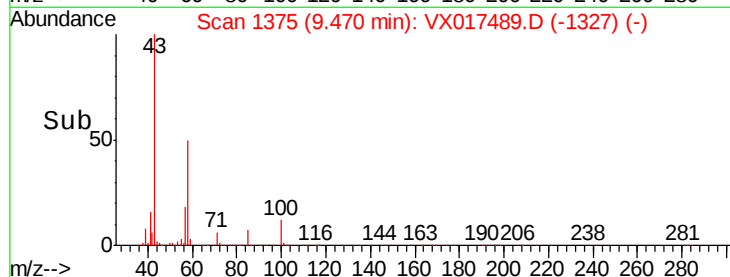
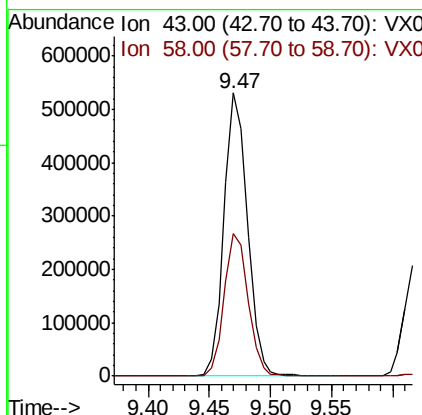
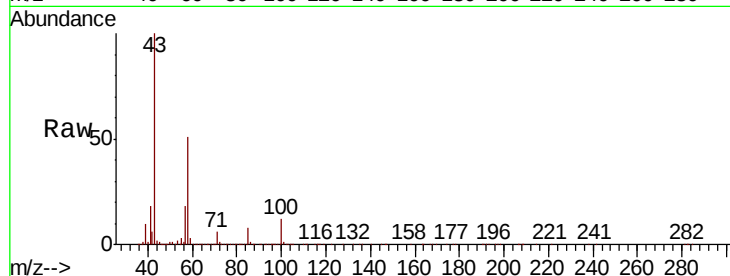




#59
2-Hexanone
Concen: 93.010 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

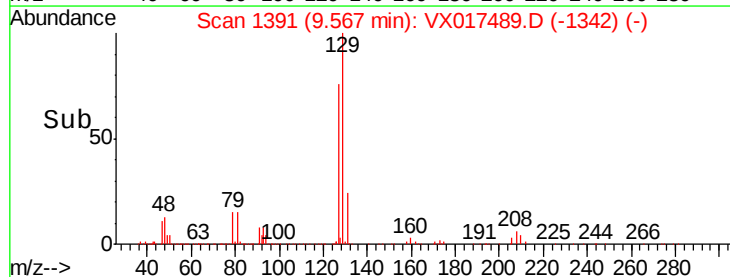
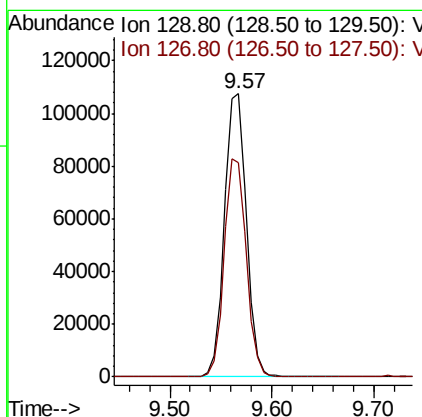
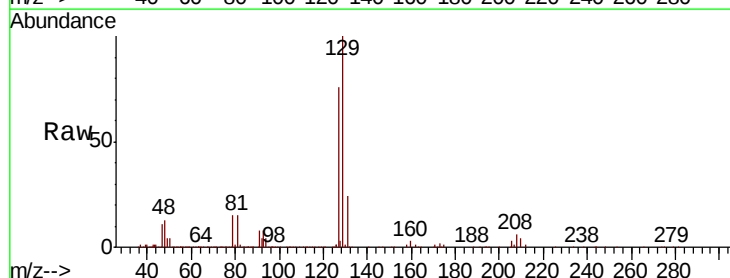
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

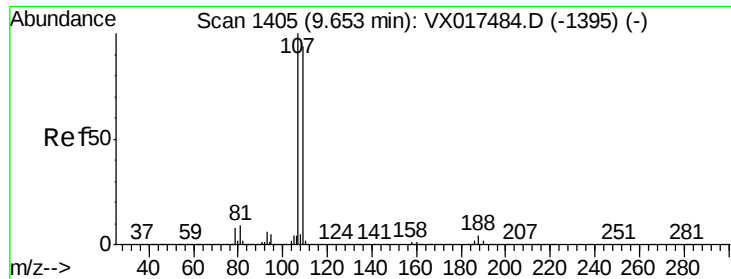
Tot Ion: 43 Resp: 706097
Ion Ratio Lower Upper
43 100
58 51.4 26.6 79.8



#60
Dibromochloromethane
Concen: 17.581 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion:129 Resp: 160218
Ion Ratio Lower Upper
129 100
127 77.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.638 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

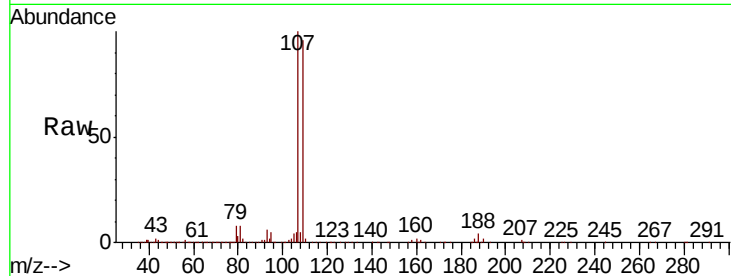
VX0723WBS01

Tot Ion:107 Resp: 142270

Ion Ratio Lower Upper

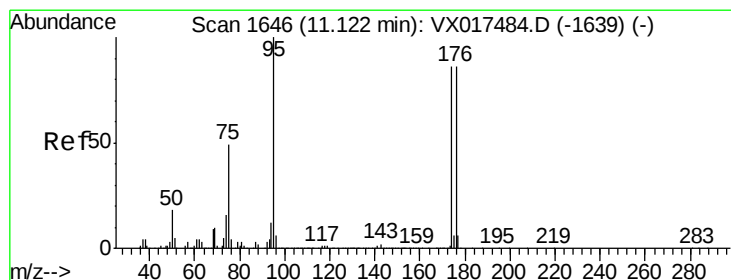
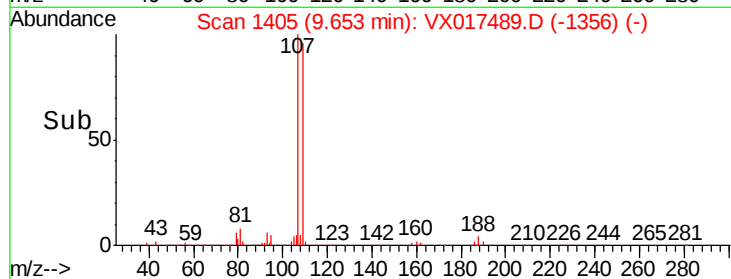
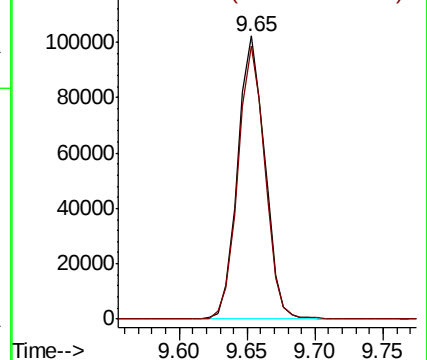
107 100

109 96.3 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.500 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

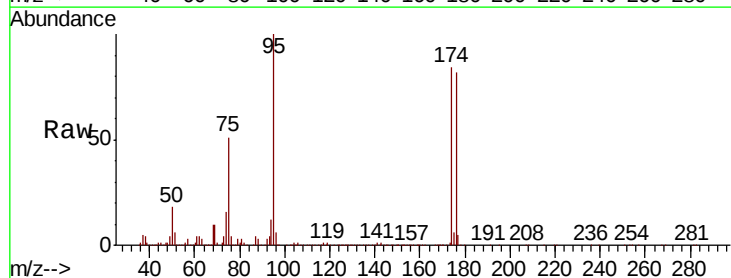
Tgt Ion: 95 Resp: 475929

Ion Ratio Lower Upper

95 100

174 83.2 0.0 169.0

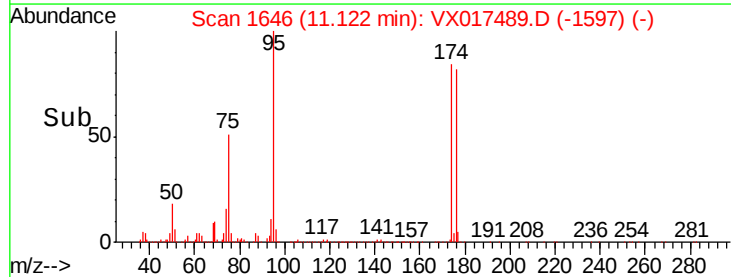
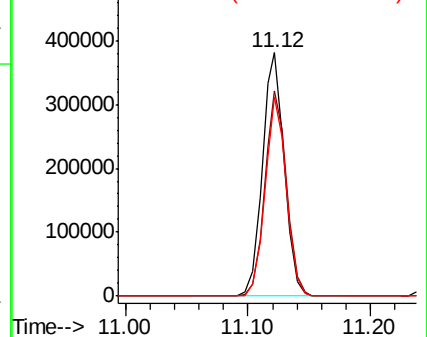
176 79.4 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

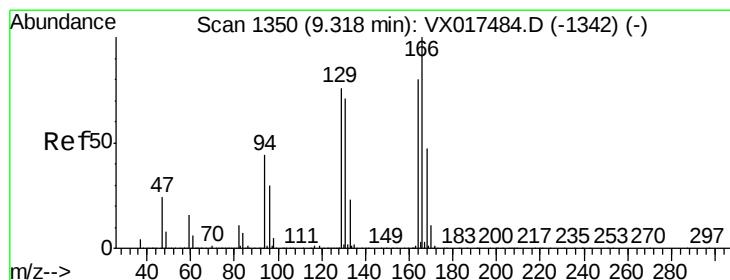
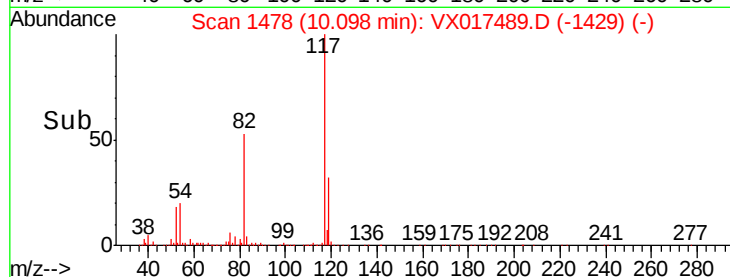
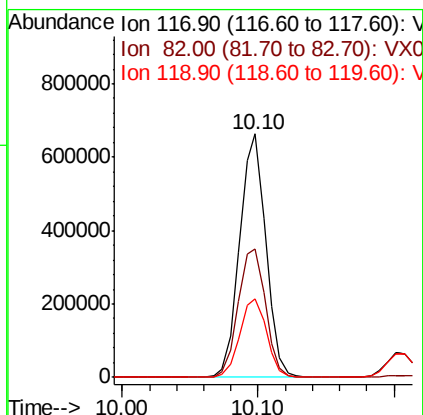
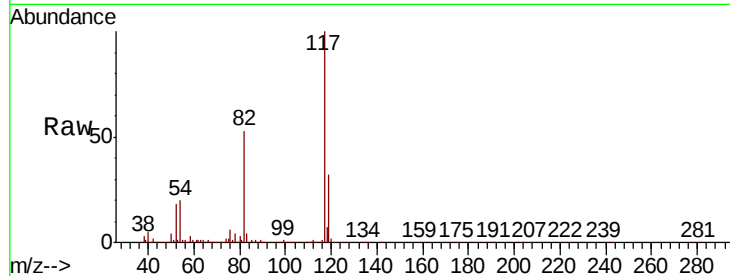




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

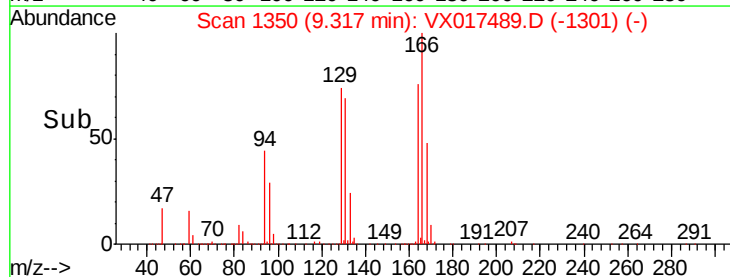
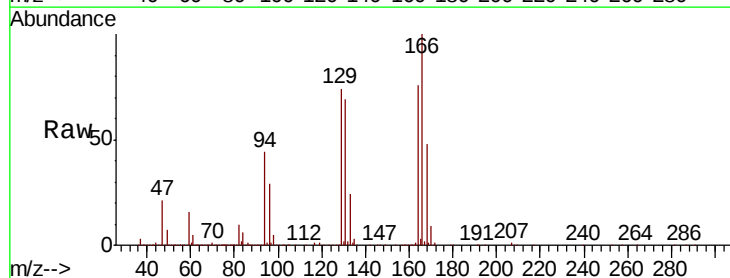
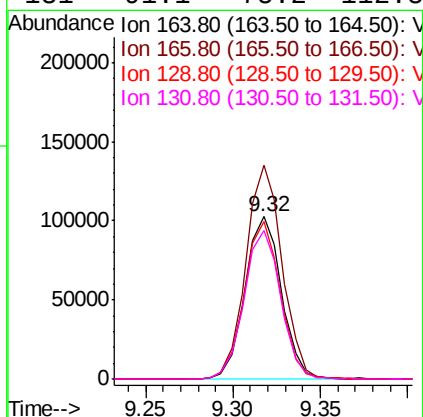
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

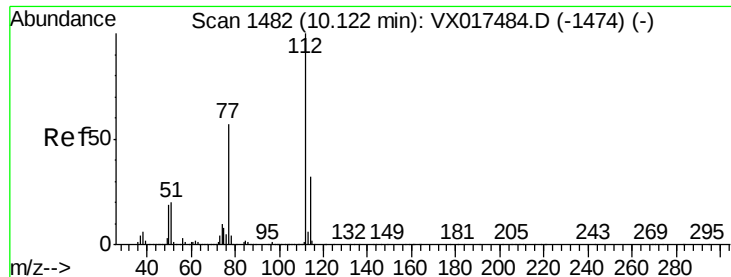
Tot Ion:117 Resp: 890442
Ion Ratio Lower Upper
117 100
82 53.0 44.0 66.0
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 18.669 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion:164 Resp: 149199
Ion Ratio Lower Upper
164 100
166 131.4 100.6 150.8
129 96.8 75.0 112.6
131 91.1 75.2 112.8





#65

Chlorobenzene

Concen: 18.391 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

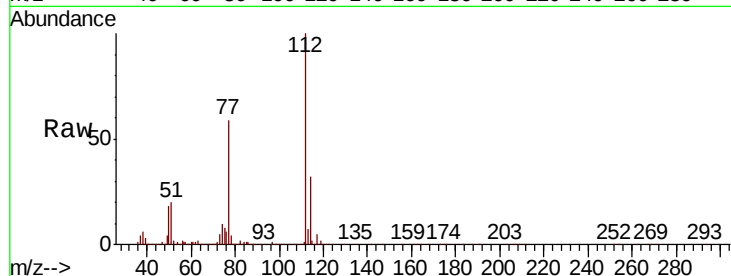
VX0723WBS01

Tot Ion:112 Resp: 354467

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

250000

200000

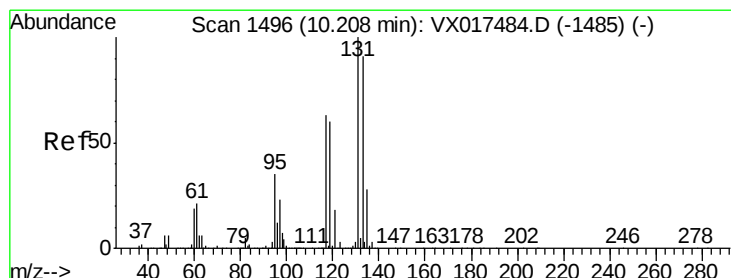
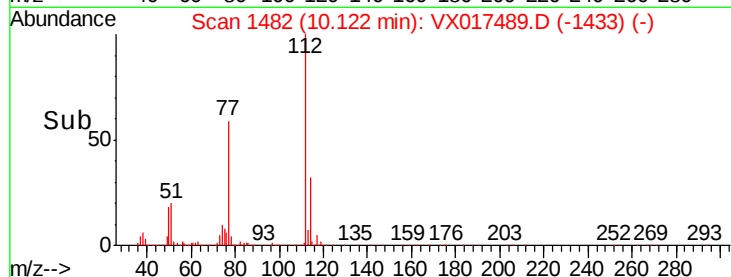
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.653 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

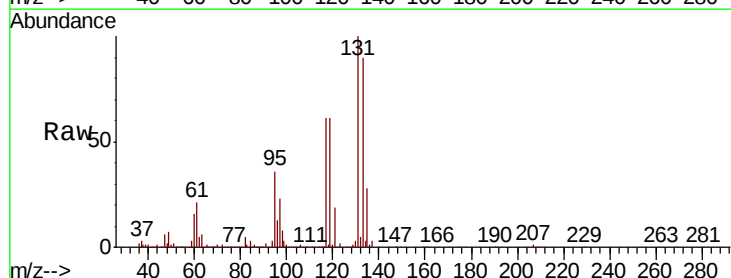
Tgt Ion:131 Resp: 145098

Ion Ratio Lower Upper

131 100

133 93.1 47.9 143.6

119 62.7 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

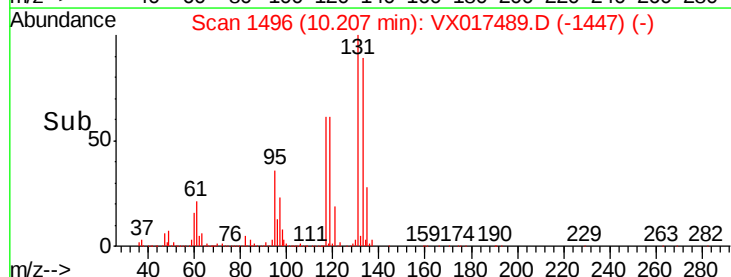
10.21

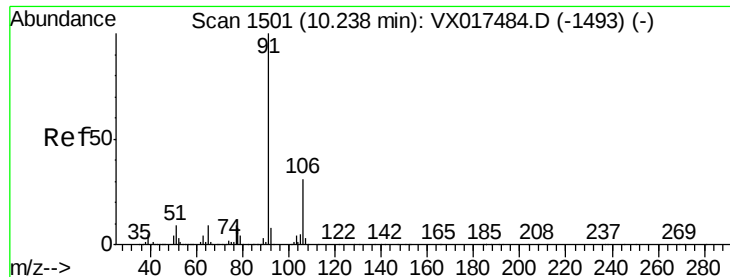
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 18.635 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

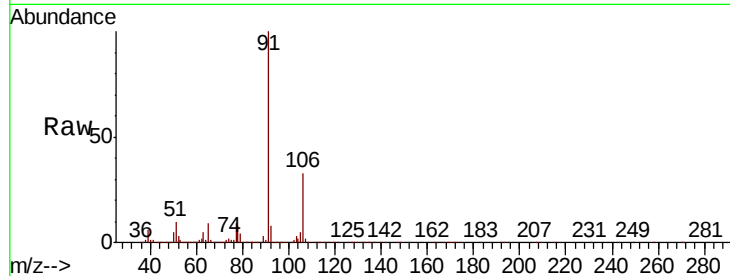
VX0723WBS01

Tot Ion: 91 Resp: 599547

Ion Ratio Lower Upper

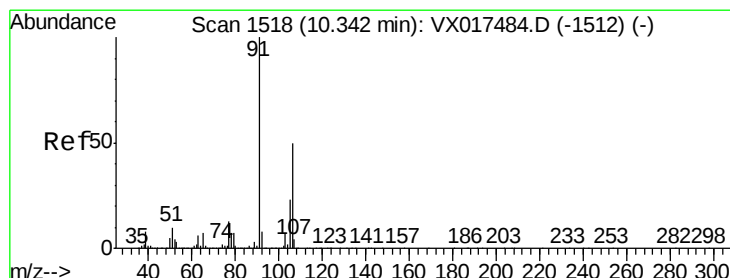
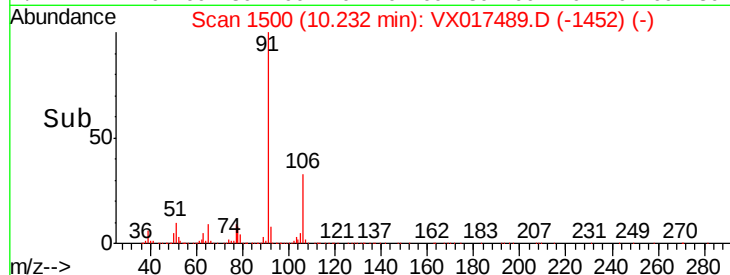
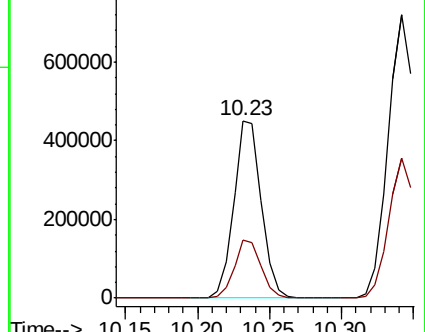
91 100

106 33.1 25.8 38.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.917 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017489.D

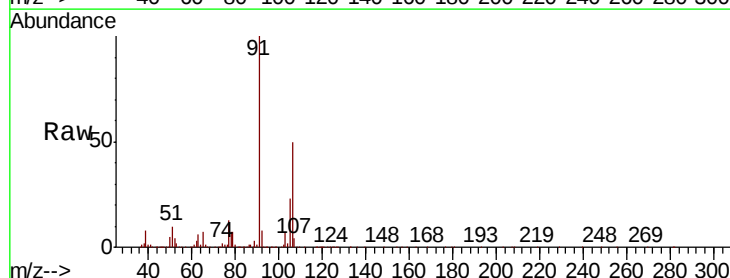
Acq: 23 Jul 2020 14:01

Tgt Ion: 106 Resp: 460125

Ion Ratio Lower Upper

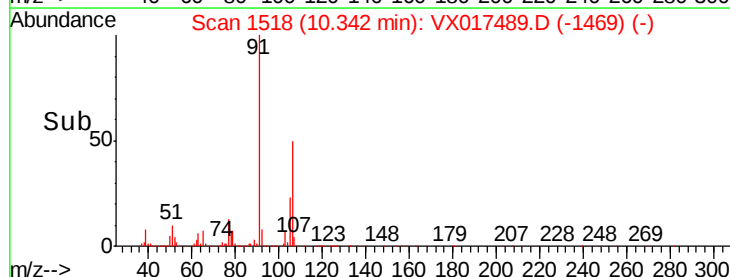
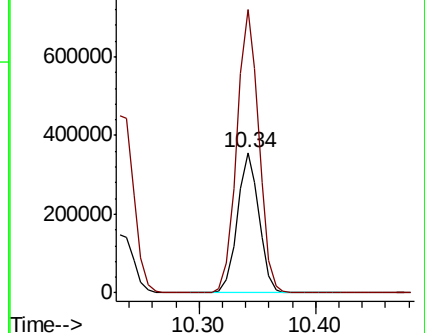
106 100

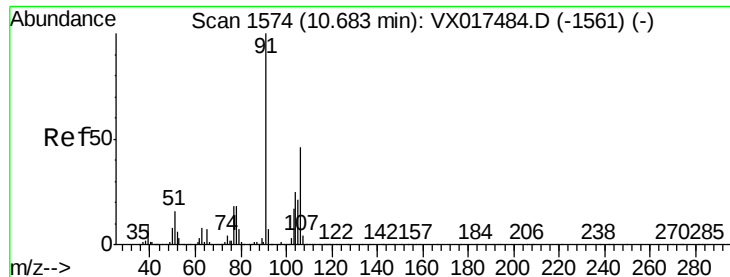
91 205.6 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

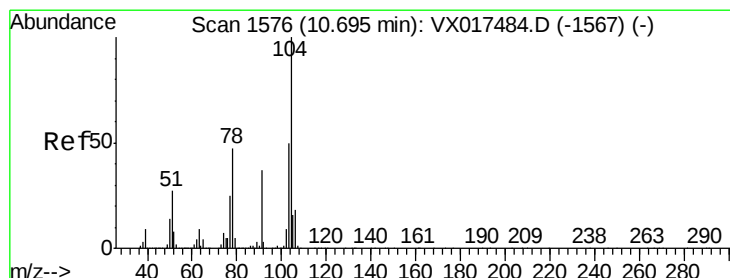
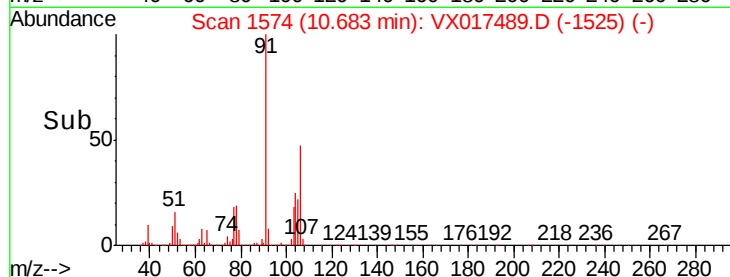
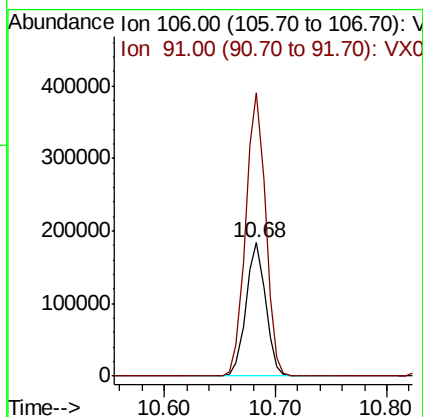
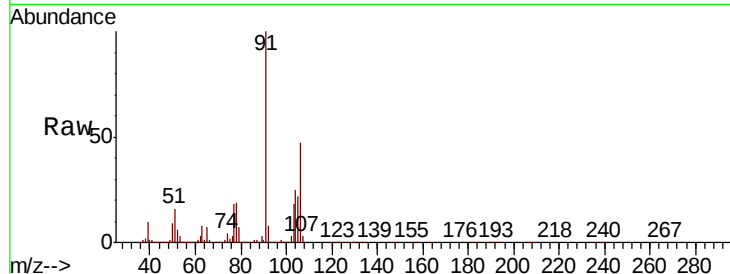




#69
o-Xylene
Concen: 18.669 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

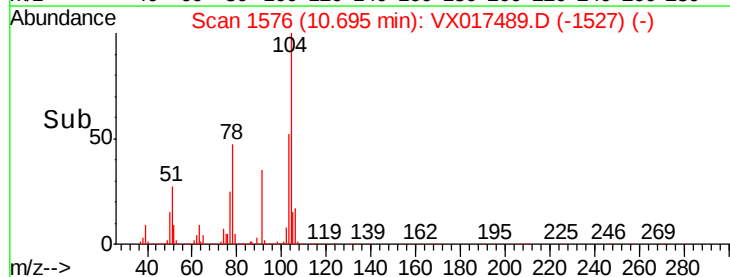
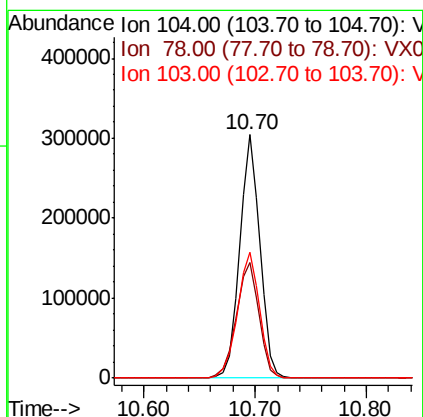
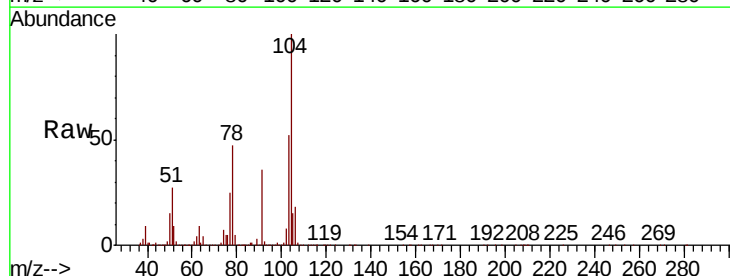
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

Tot Ion:106 Resp: 223797
Ion Ratio Lower Upper
106 100
91 217.6 108.2 324.6



#70
Styrene
Concen: 18.703 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion:104 Resp: 381459
Ion Ratio Lower Upper
104 100
78 53.2 42.5 63.7
103 57.0 44.3 66.5





#71

Bromoform

Concen: 18.267 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

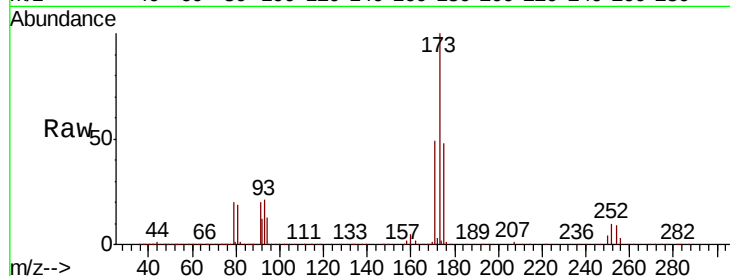
Tot Ion:173 Resp: 123104

Ion Ratio Lower Upper

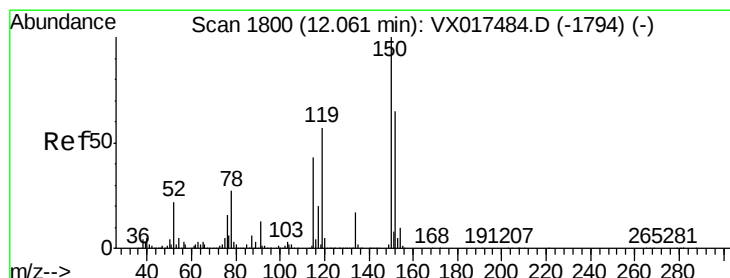
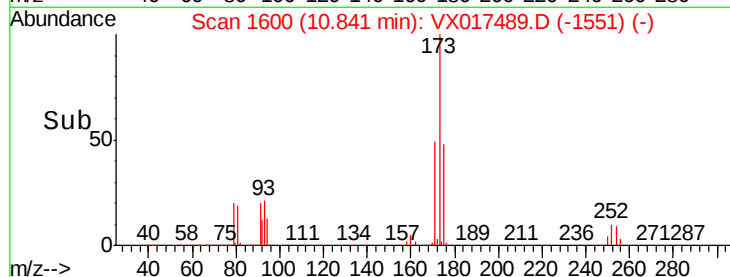
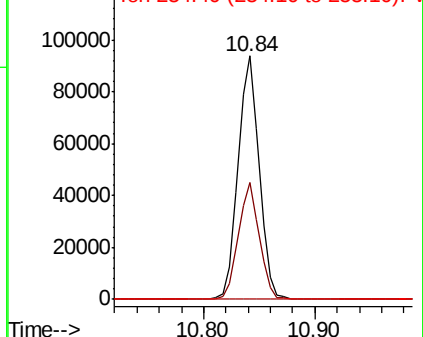
173 100

175 47.4 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: VX017489.D

Acq: 23 Jul 2020 14:01

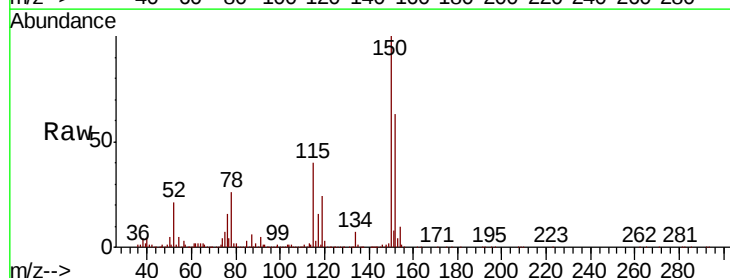
Tgt Ion:152 Resp: 476571

Ion Ratio Lower Upper

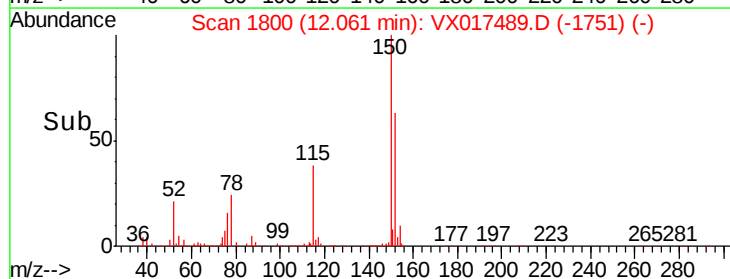
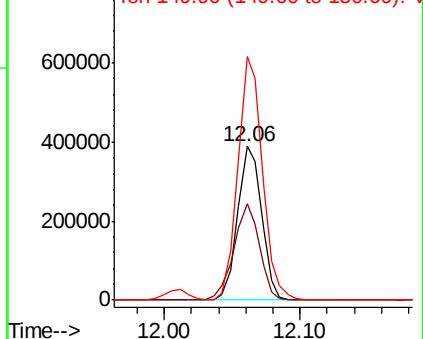
152 100

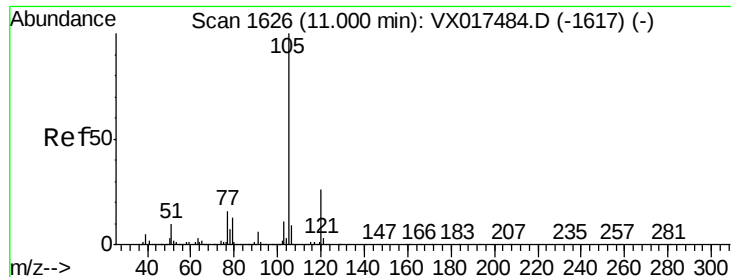
115 67.2 65.5 196.6

150 162.1 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: 19.063 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampled :

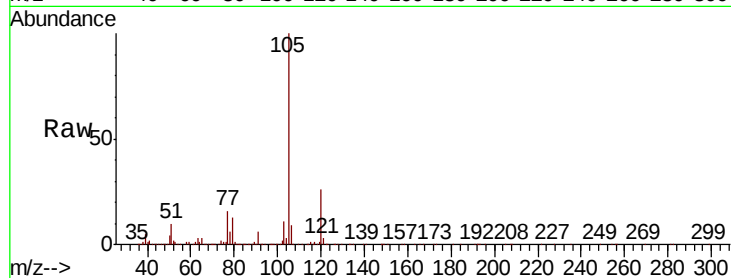
VX0723WBS01

Tot Ion:105 Resp: 623227

Ion Ratio Lower Upper

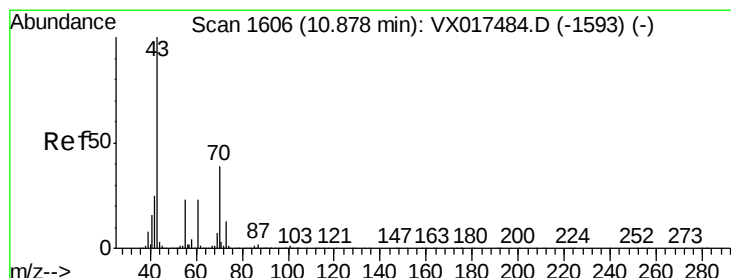
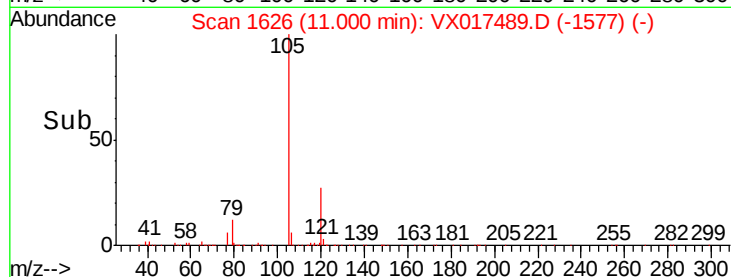
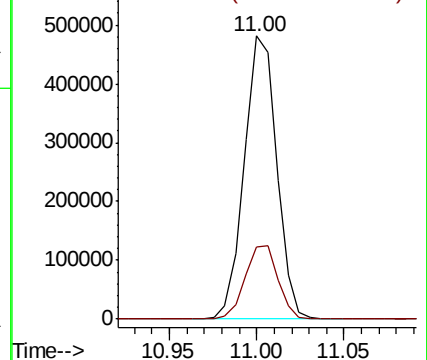
105 100

120 26.5 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: 18.927 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Tgt Ion: 43 Resp: 274934

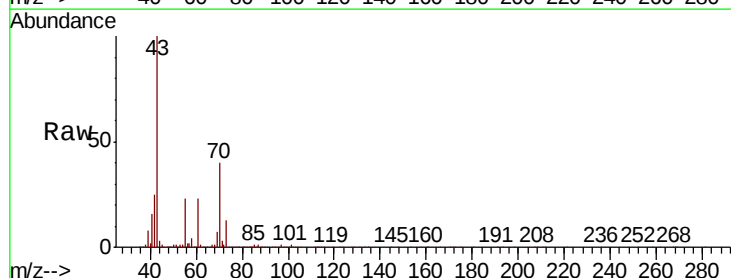
Ion Ratio Lower Upper

43 100

70 41.3 32.3 48.5

55 24.5 18.4 27.6

61 23.7 18.6 28.0

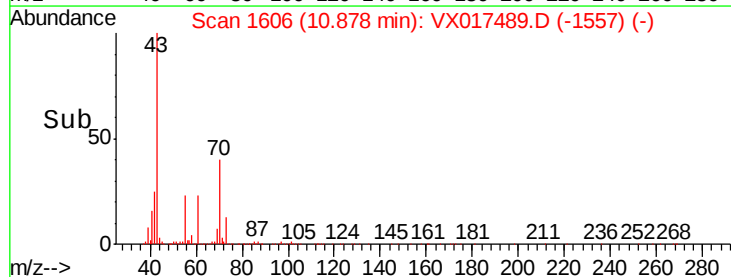
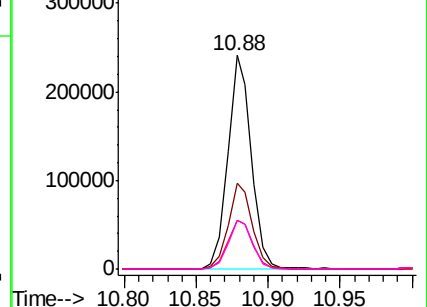


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.527 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

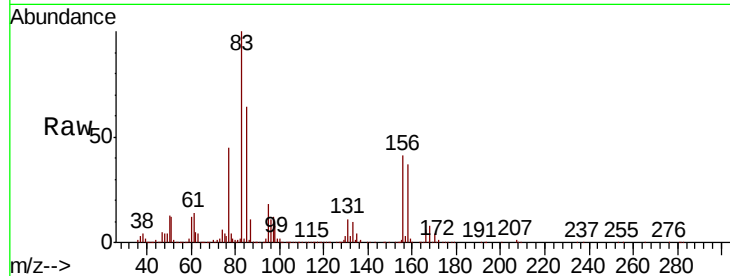
Tot Ion: 83 Resp: 178855

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

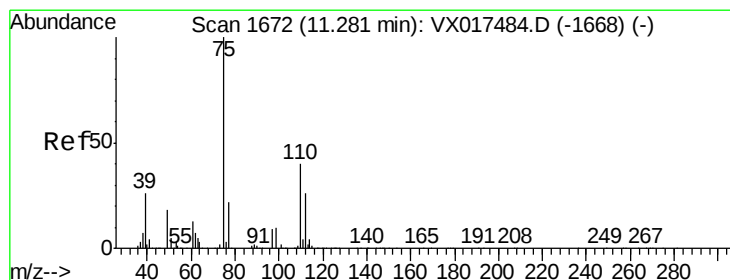
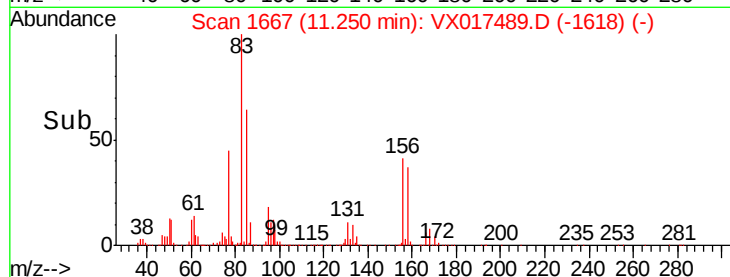
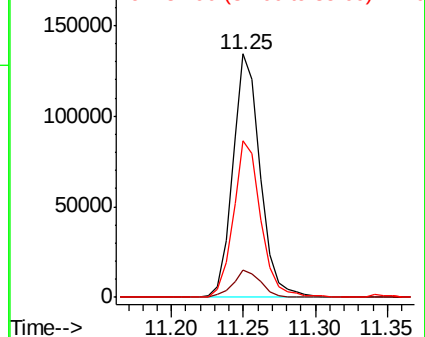
85 64.6 32.1 96.3



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: 23.213 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017489.D

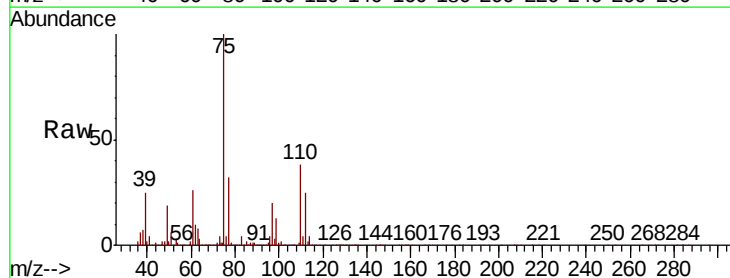
Acq: 23 Jul 2020 14:01

Tgt Ion: 75 Resp: 227564

Ion Ratio Lower Upper

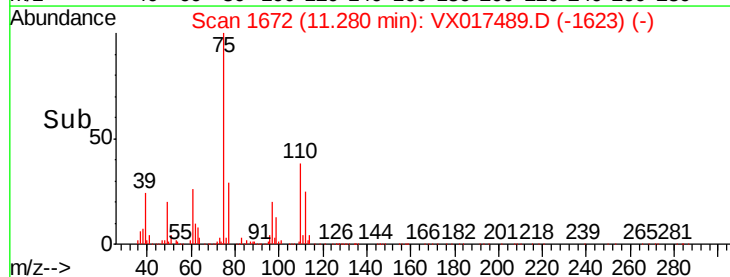
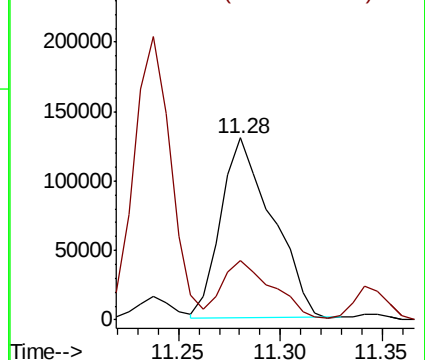
75 100

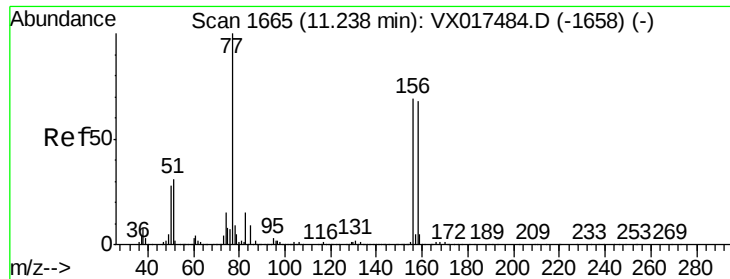
77 32.1 21.8 65.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.282 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampled :

VX0723WBS01

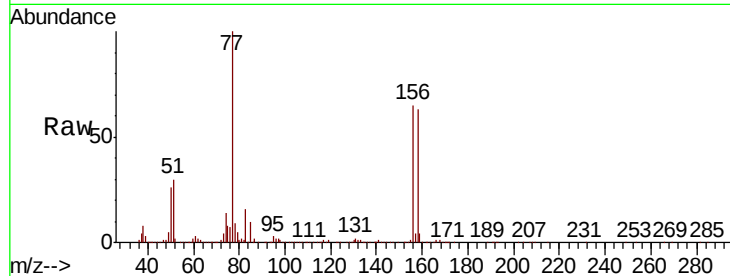
Tot Ion:156 Resp: 167333

Ion Ratio Lower Upper

156 100

77 154.0 75.0 225.0

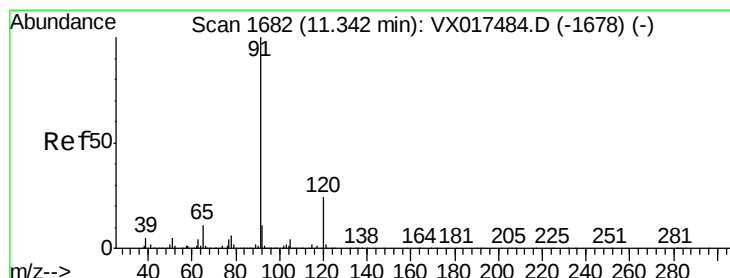
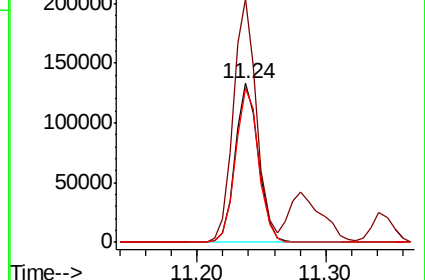
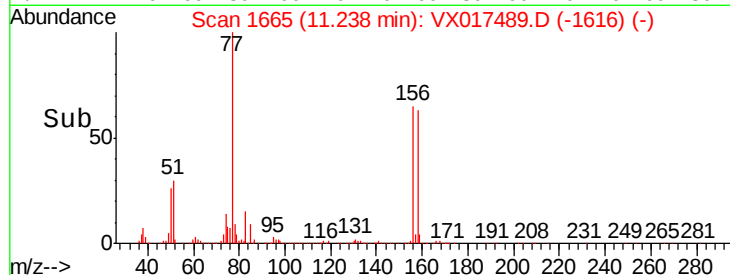
158 97.3 49.1 147.3



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: 19.164 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017489.D

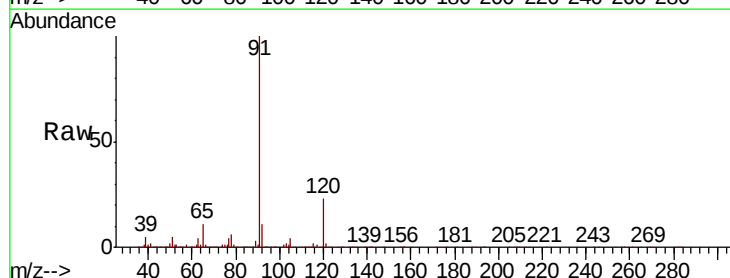
Acq: 23 Jul 2020 14:01

Tgt Ion: 91 Resp: 706635

Ion Ratio Lower Upper

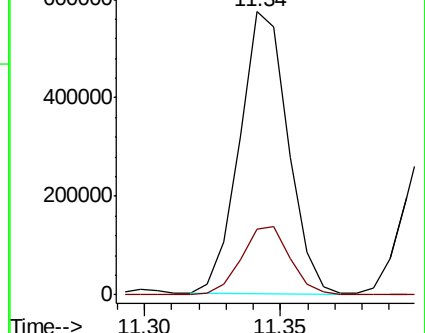
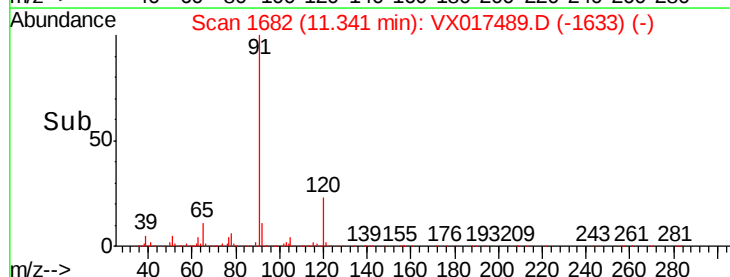
91 100

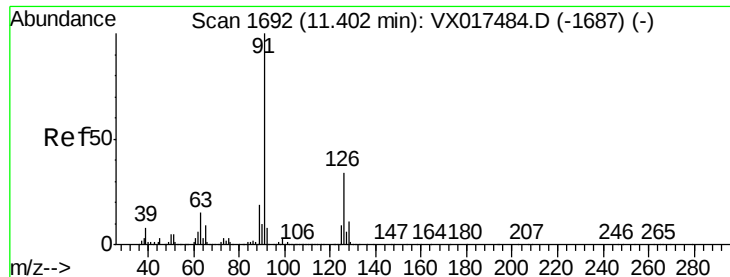
120 24.3 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.538 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

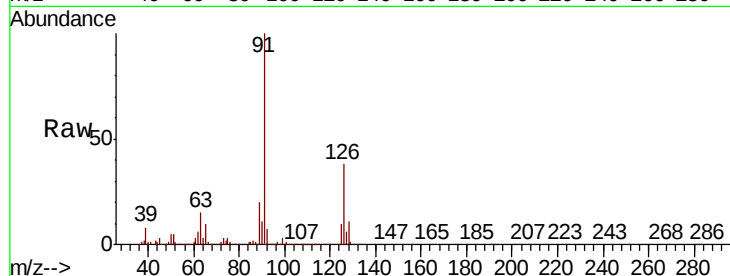
VX0723WBS01

Tot Ion: 91 Resp: 423430

Ion Ratio Lower Upper

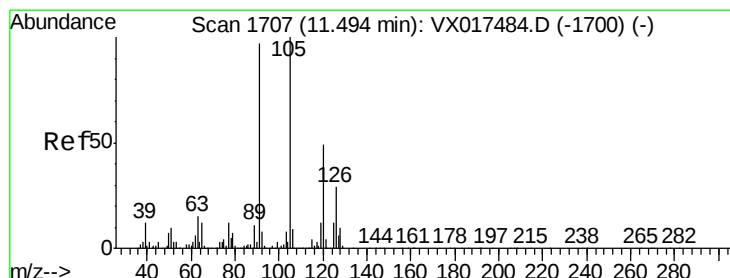
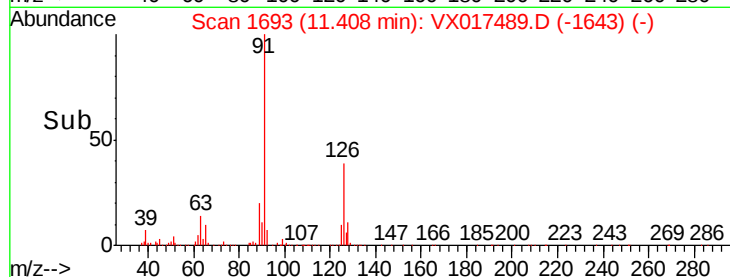
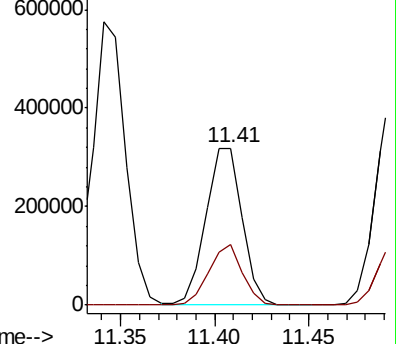
91 100

126 35.8 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.571 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017489.D

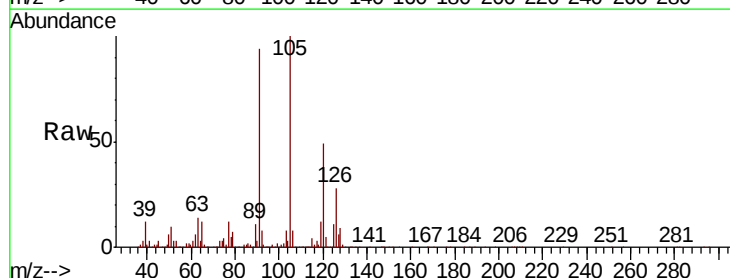
Acq: 23 Jul 2020 14:01

Tgt Ion:105 Resp: 574223

Ion Ratio Lower Upper

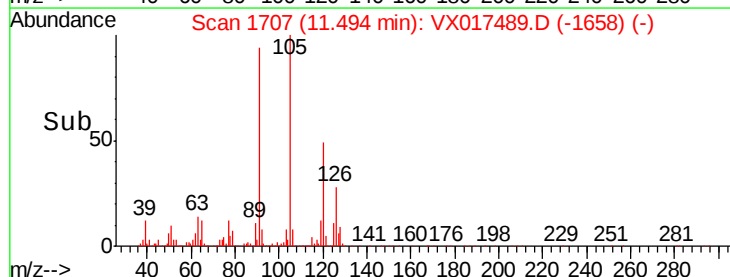
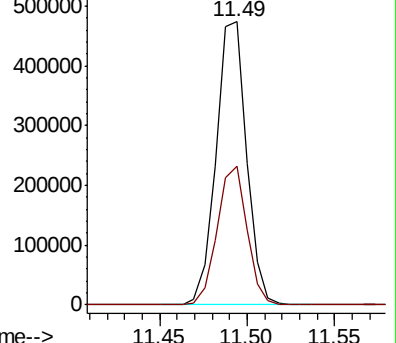
105 100

120 47.9 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.683 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

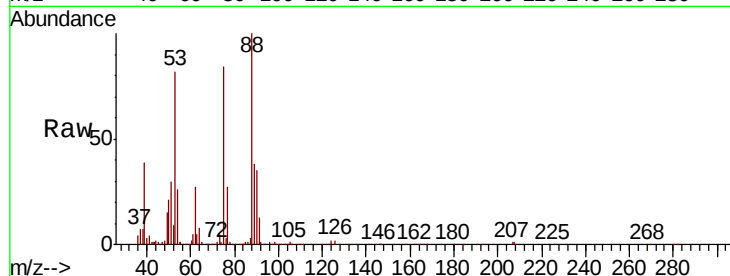
Tot Ion: 75 Resp: 68795

Ion Ratio Lower Upper

75 100

53 98.4 75.9 113.9

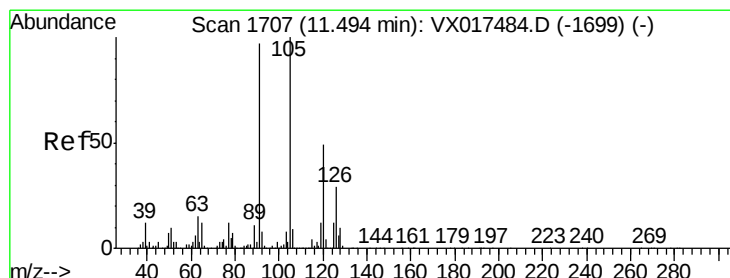
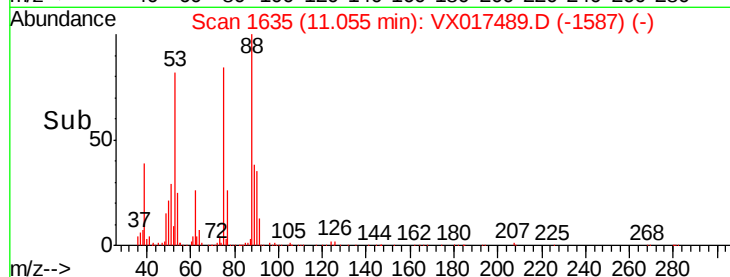
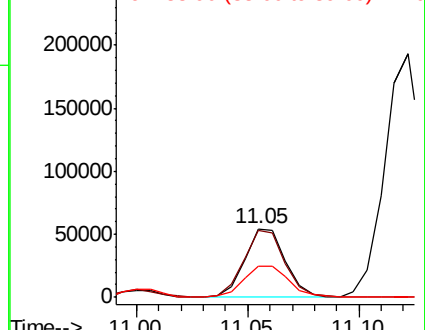
89 51.3 37.8 56.6



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: 19.682 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017489.D

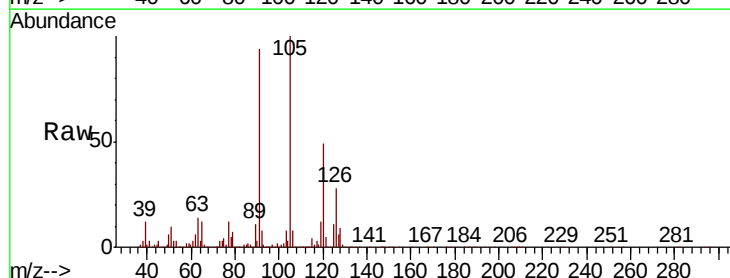
Acq: 23 Jul 2020 14:01

Tgt Ion: 91 Resp: 530302

Ion Ratio Lower Upper

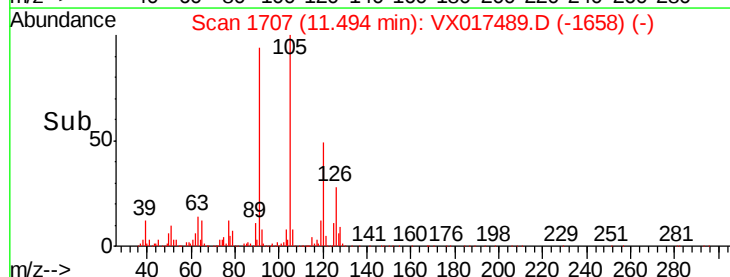
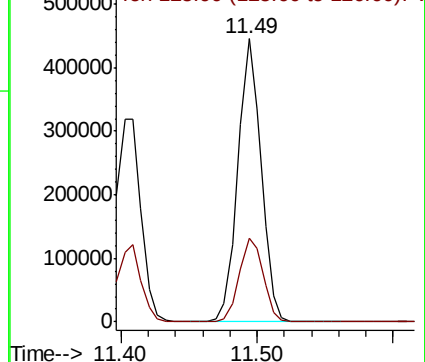
91 100

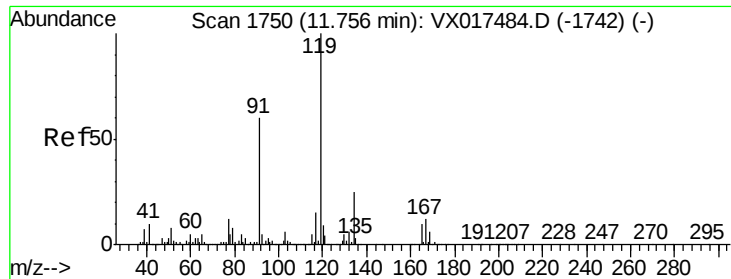
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.395 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

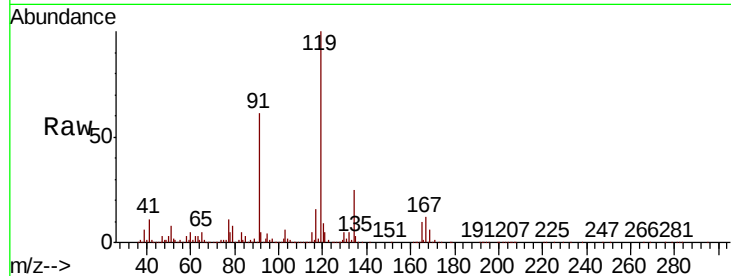
Tot Ion:119 Resp: 518037

Ion Ratio Lower Upper

119 100

91 58.4 29.3 88.0

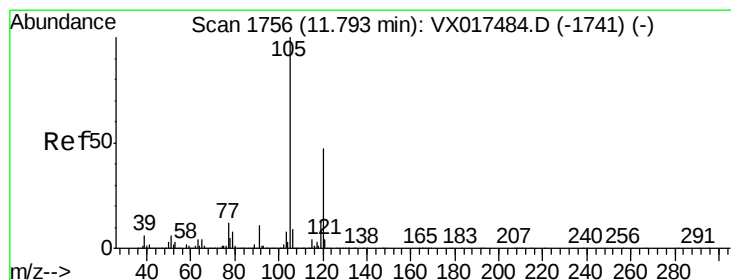
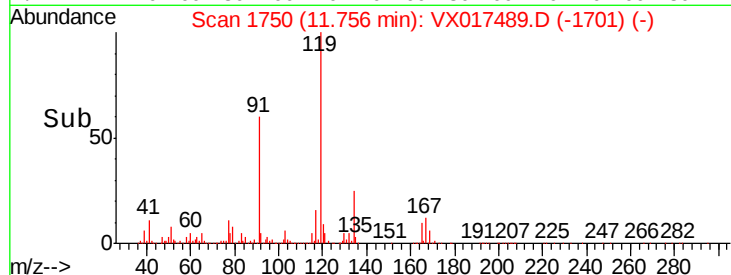
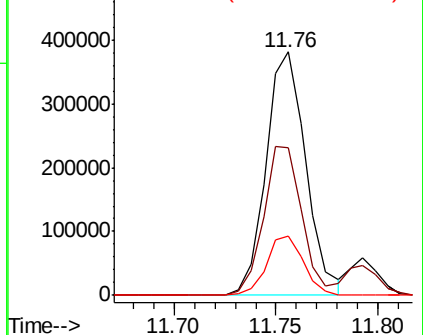
134 22.6 11.2 33.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.655 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX017489.D

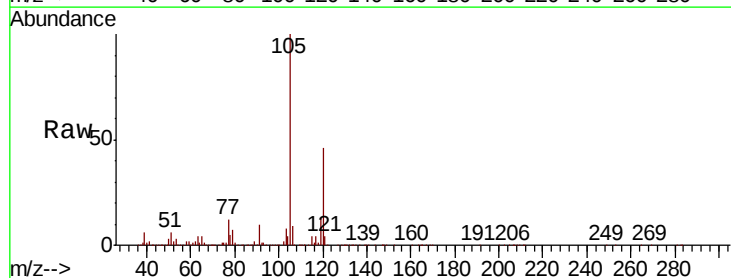
Acq: 23 Jul 2020 14:01

Tgt Ion:105 Resp: 545694

Ion Ratio Lower Upper

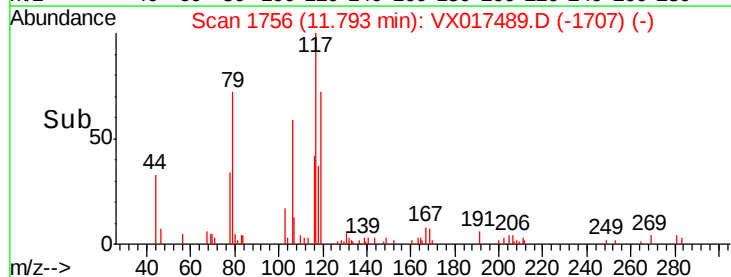
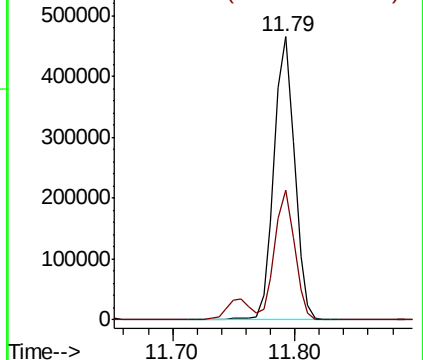
105 100

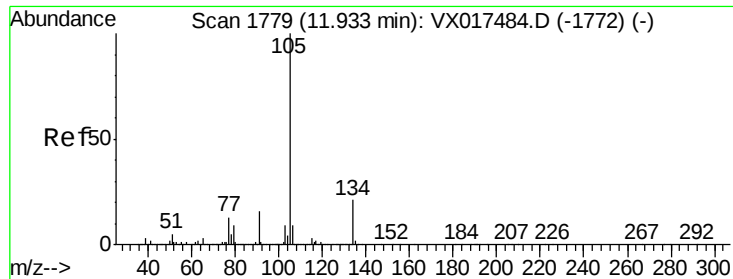
120 44.4 22.7 68.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.457 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

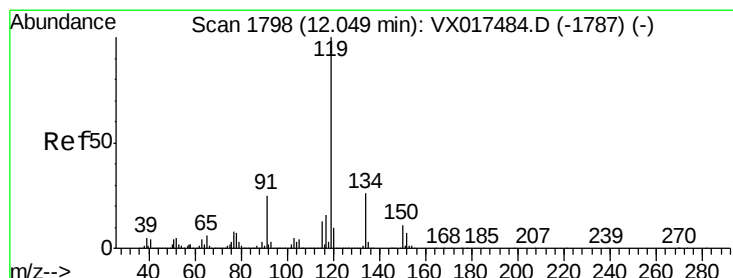
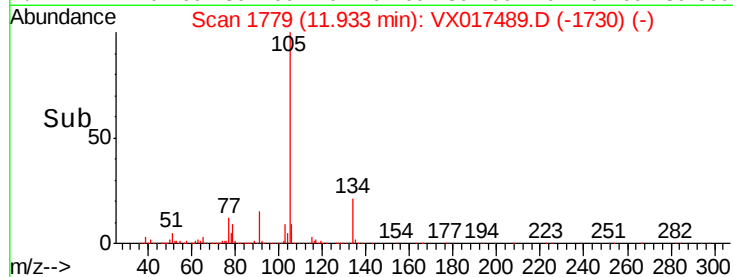
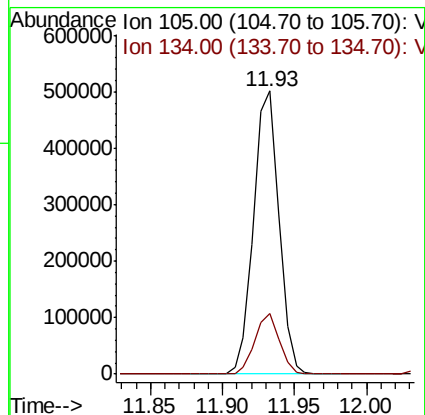
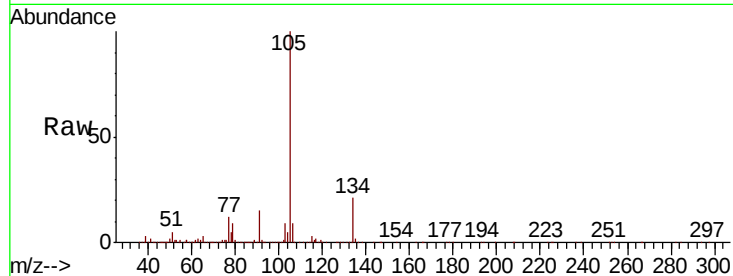
VX0723WBS01

Tot Ion:105 Resp: 605397

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 19.108 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

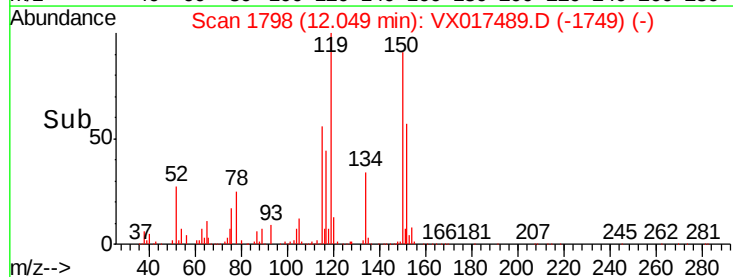
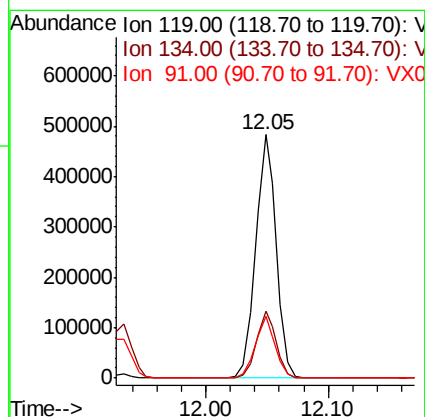
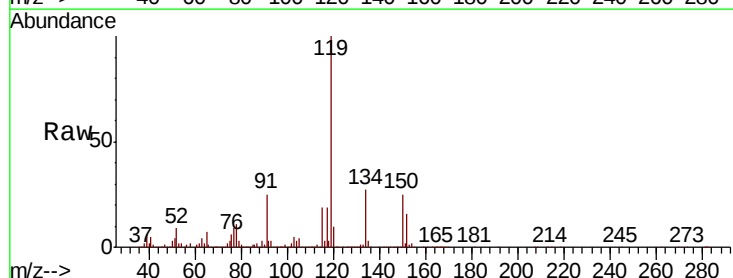
Tgt Ion:119 Resp: 566173

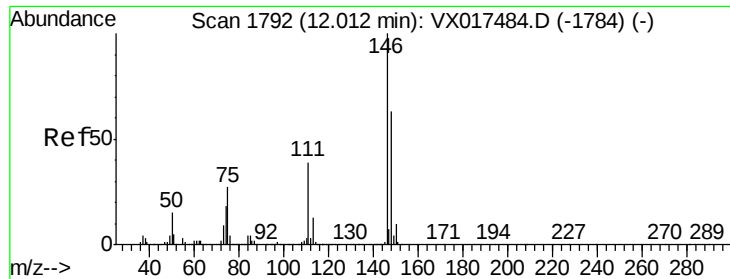
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 24.4 12.1 36.3

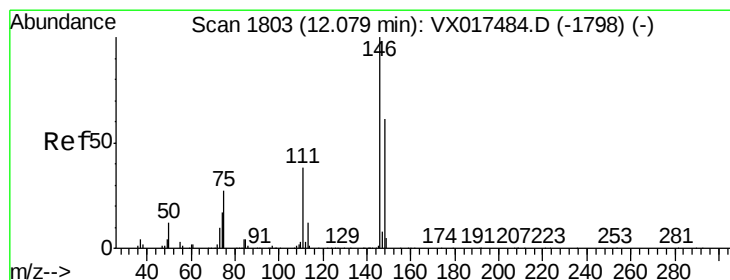
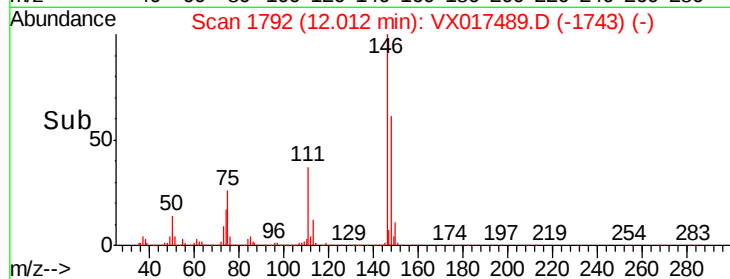
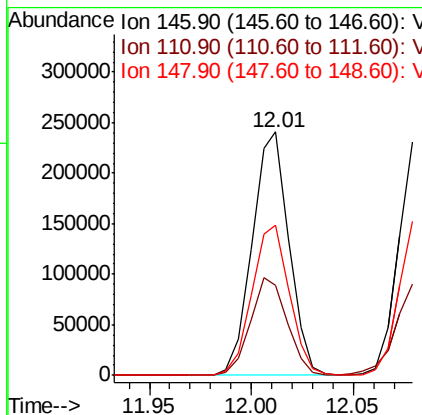
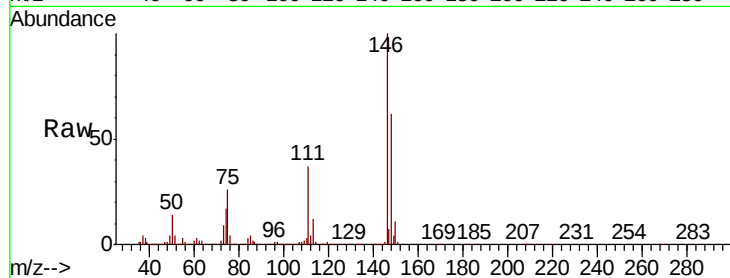




#87
 1,3-Dichlorobenzene
 Concen: 19.246 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

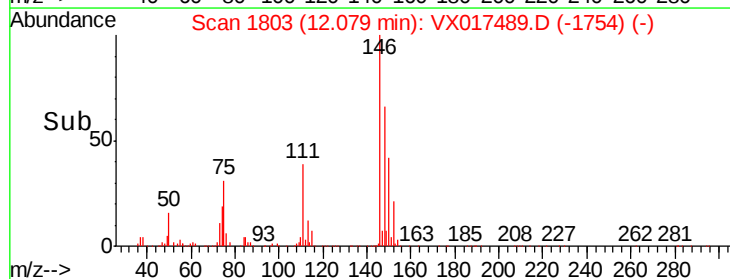
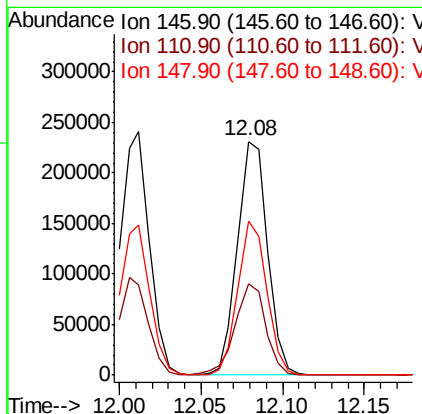
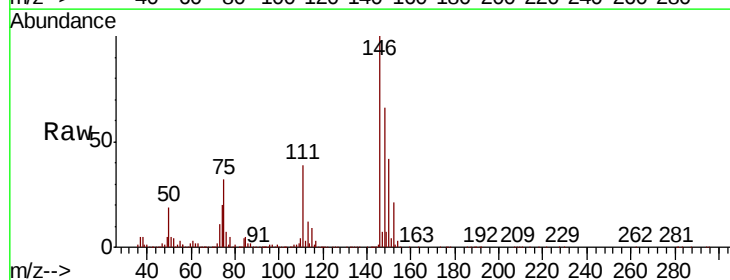
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

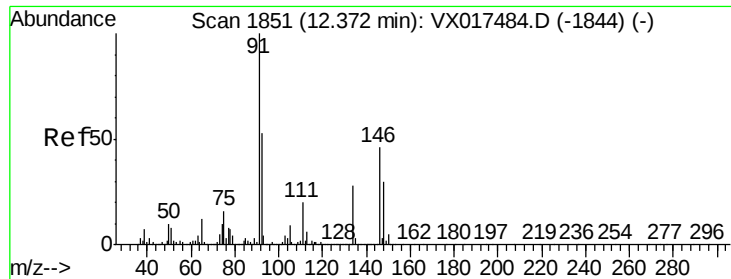
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	62.8	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.268 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.3	57.8
148	63.9	32.2	96.6

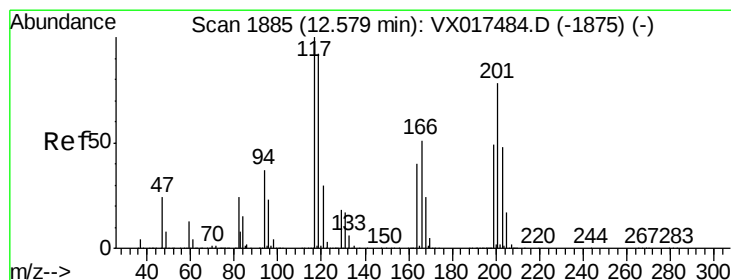
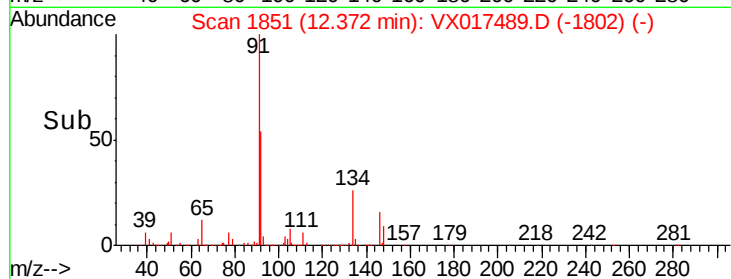
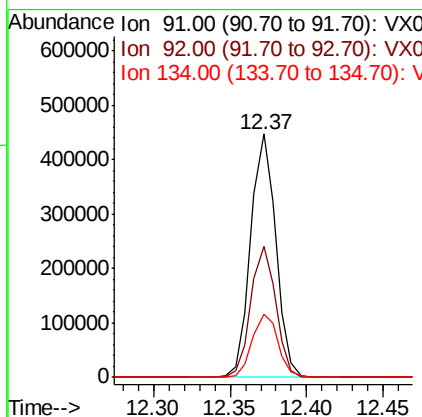
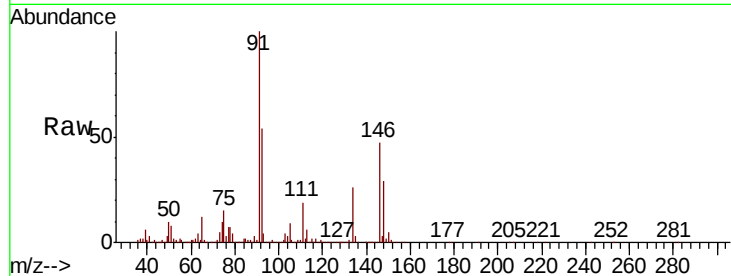




#89
n-Butylbenzene
Concen: 19.381 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

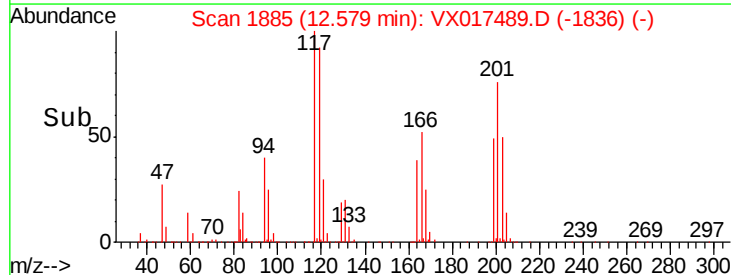
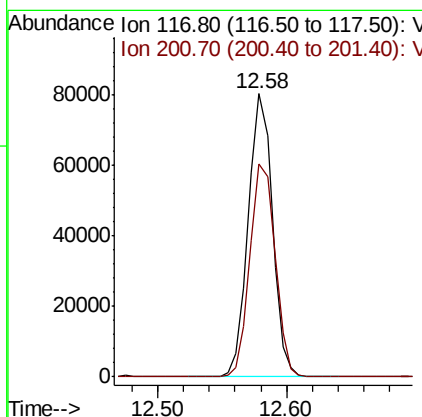
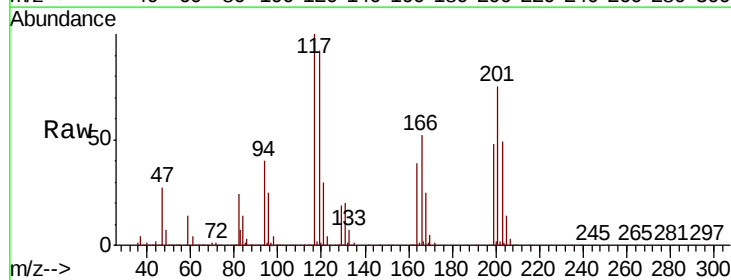
Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS01

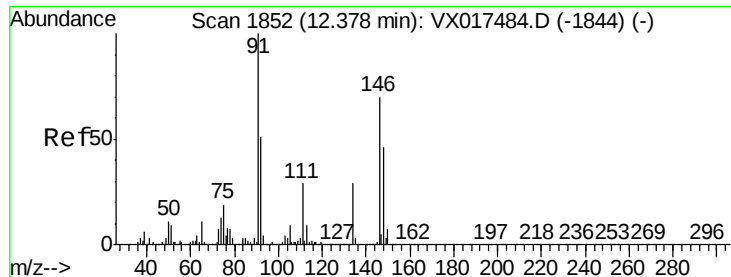
Tot Ion: 91 Resp: 511721
Ion Ratio Lower Upper
91 100
92 53.7 26.7 80.1
134 26.7 13.6 40.7



#90
Hexachloroethane
Concen: 17.801 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017489.D
Acq: 23 Jul 2020 14:01

Tgt Ion: 117 Resp: 103987
Ion Ratio Lower Upper
117 100
201 78.2 42.2 126.6





#91

1,2-Dichlorobenzene

Concen: 18.448 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

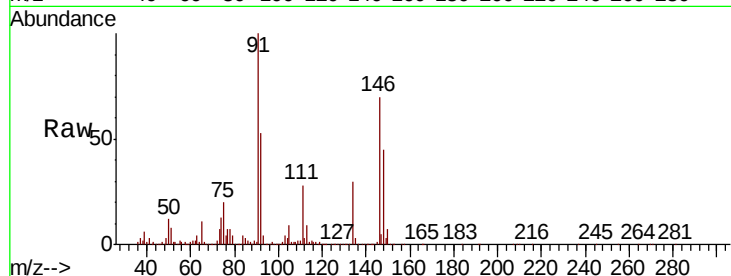
Tot Ion:146 Resp: 284978

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

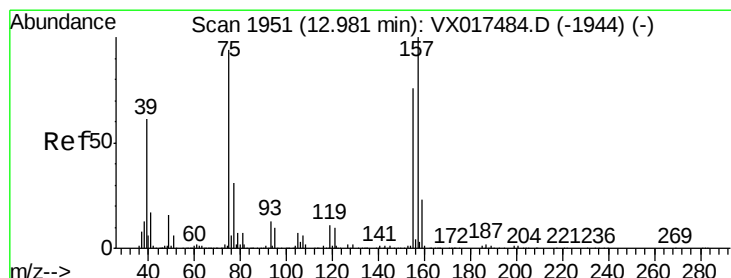
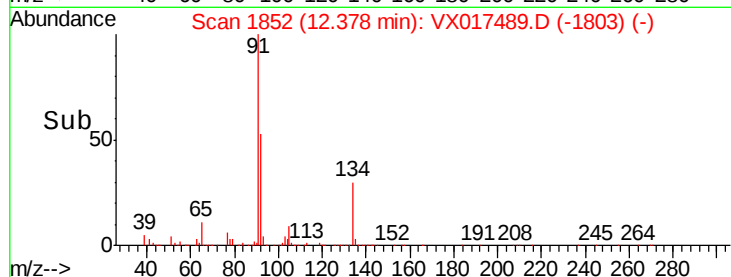
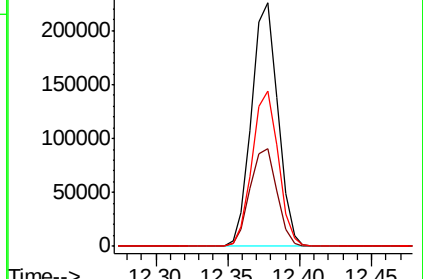
148 63.6 32.8 98.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.409 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

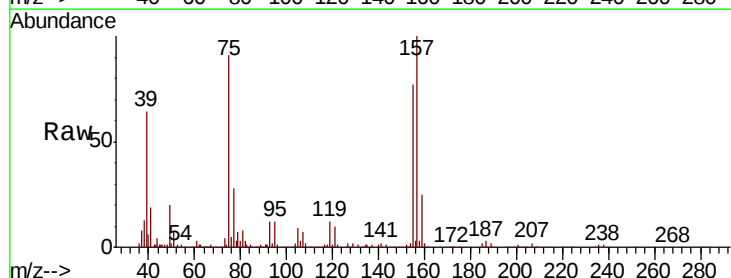
Tgt Ion: 75 Resp: 45130

Ion Ratio Lower Upper

75 100

155 85.1 42.3 126.8

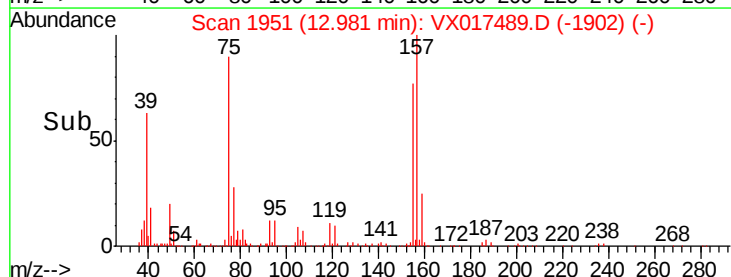
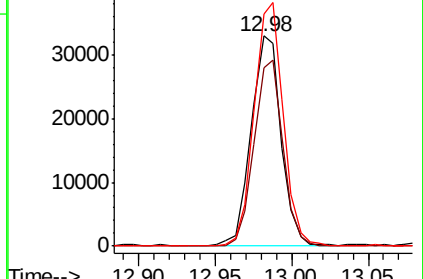
157 112.0 54.3 162.9

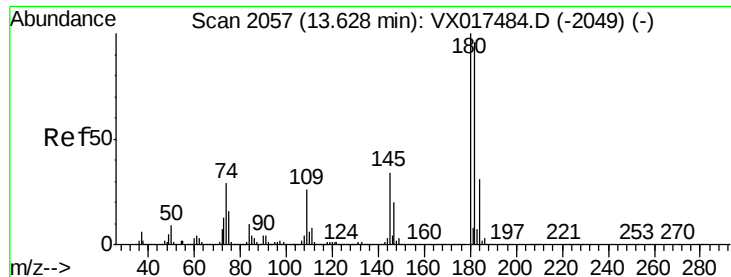


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

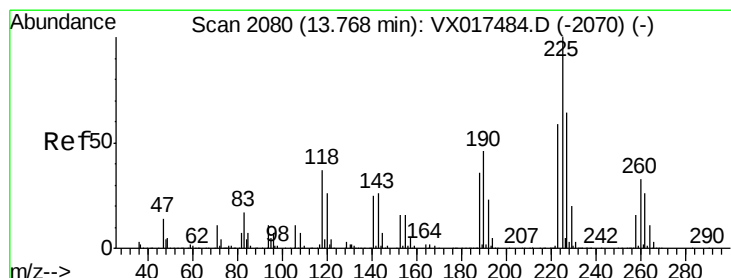
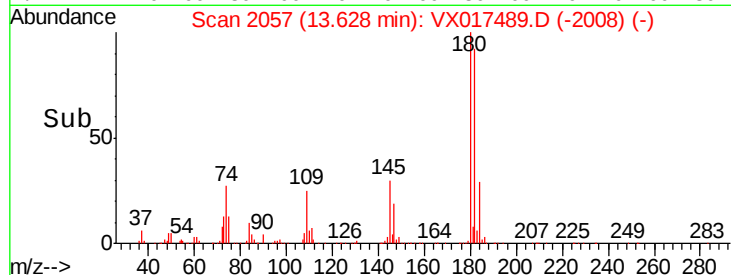
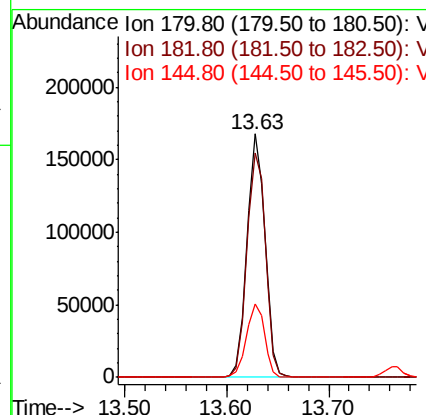
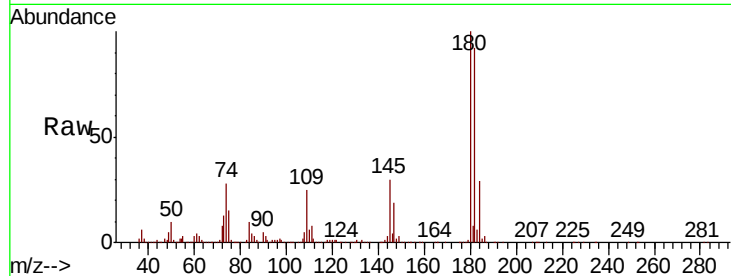




#93
 1,2,4-Trichlorobenzene
 Concen: 19.331 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

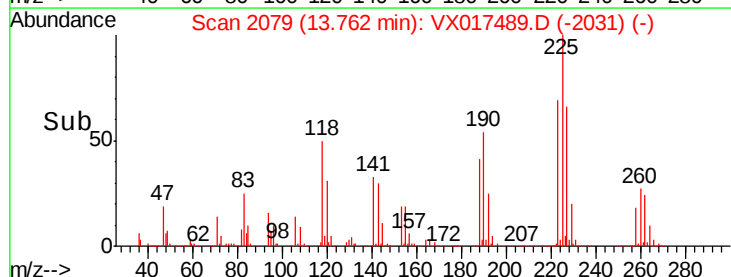
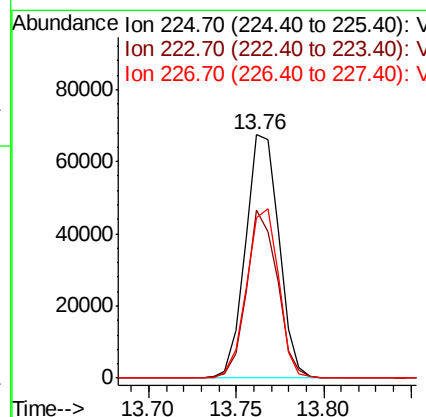
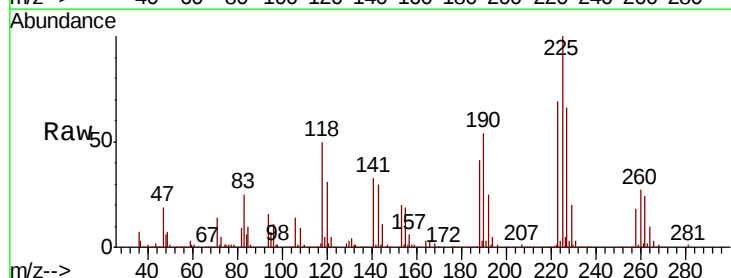
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS01

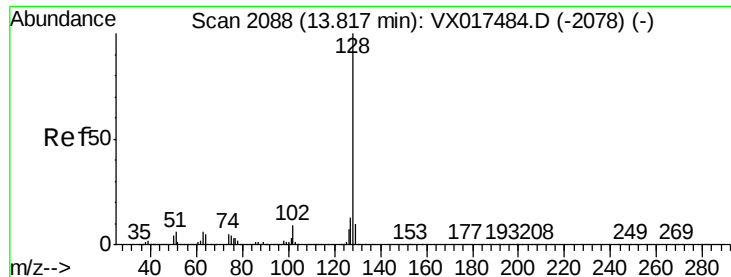
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	30.5	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 18.632 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017489.D
 Acq: 23 Jul 2020 14:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	30.3	90.9
227	66.2	31.1	93.2





#95

Naphthalene

Concen: 18.616 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS01

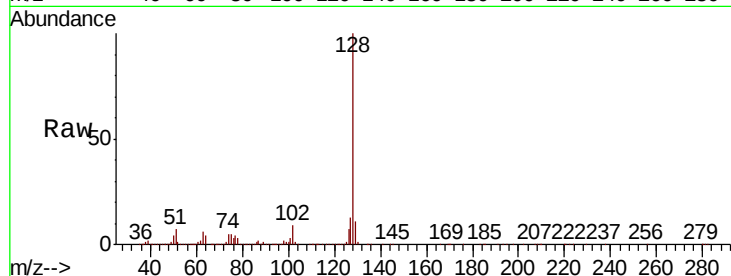
Tot Ion:128 Resp: 585871

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

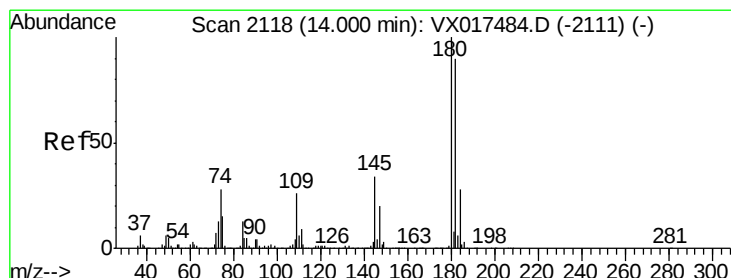
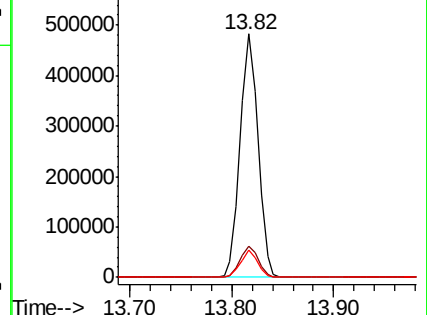
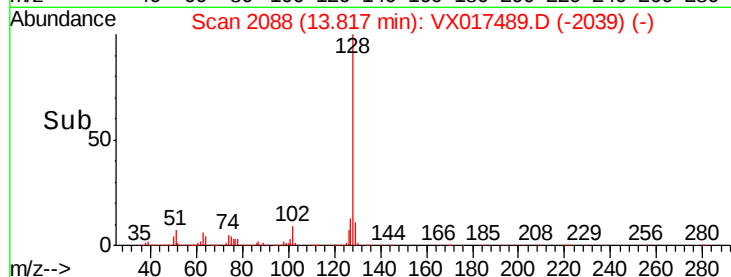
129 10.7 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 19.944 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX017489.D

Acq: 23 Jul 2020 14:01

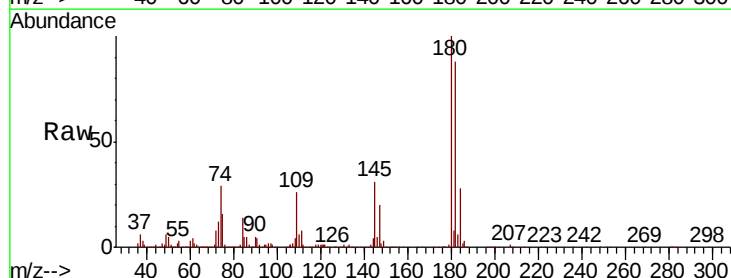
Tgt Ion:180 Resp: 207609

Ion Ratio Lower Upper

180 100

182 92.9 47.4 142.3

145 32.4 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

