

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100121\
 Data File : VX024505.D
 Acq On : 01 Oct 2021 16:58
 Operator : JC/MD
 Sample : M3999-03
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 04:08:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

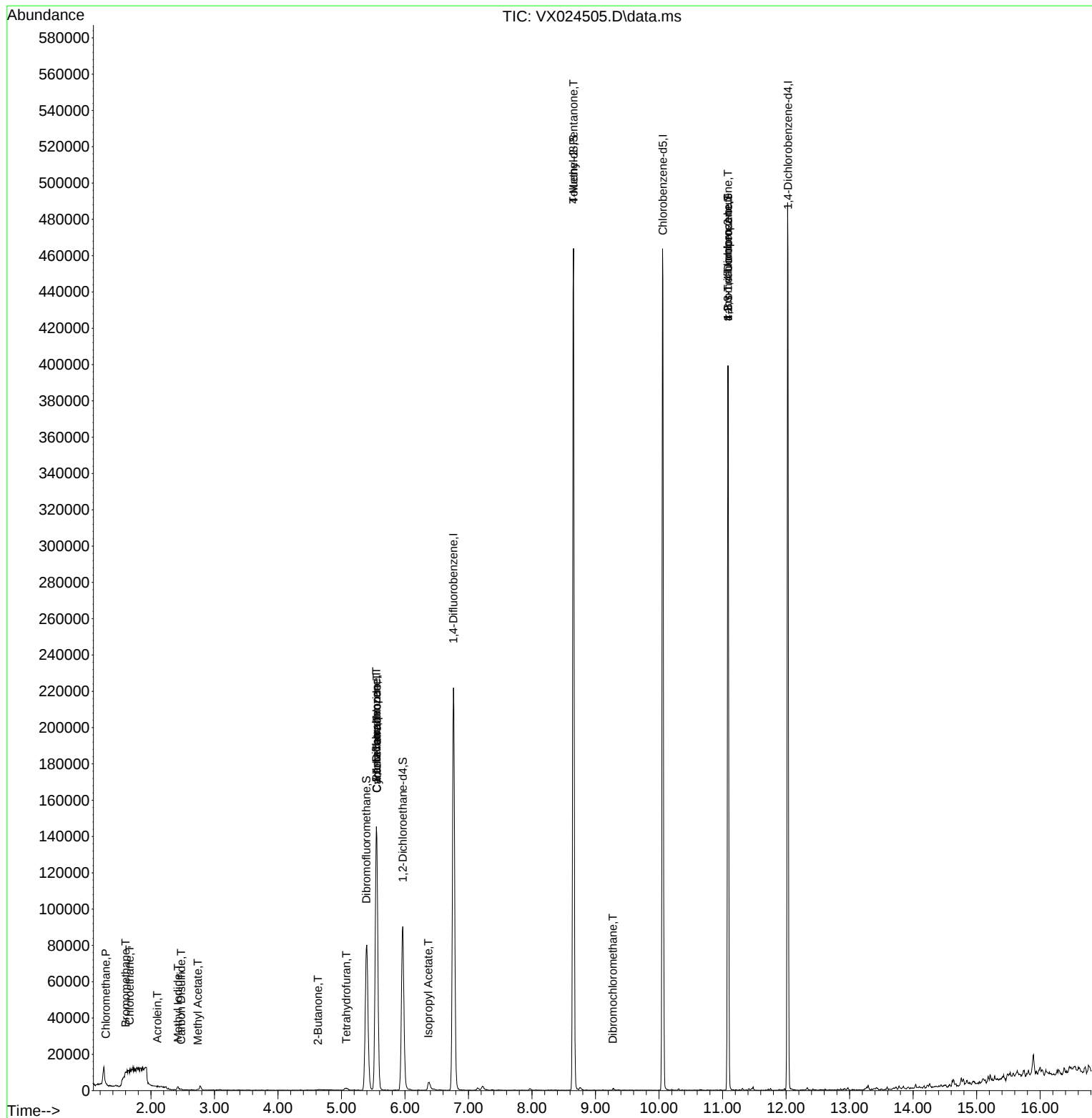
Internal Standards						
1) Pentafluorobenzene	5.550	168	137753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	215383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	102636	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	95843	49.366	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.740%
35) Dibromofluoromethane	5.391	113	72751	47.265	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	8.653	98	277626	49.006	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.020%
62) 4-Bromofluorobenzene	11.085	95	106173	47.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	355	0.272	ug/l #	42
5) Bromomethane	1.599	94	696	0.757	ug/l	88
6) Chloroethane	1.666	64	267	0.550	ug/l #	80
10) Methyl Iodide	2.428	142	1474	0.775	ug/l	89
11) Tert butyl alcohol	2.959	59	25	Below Cal	#	73
13) Acrolein	2.099	56	33	10.359	ug/l #	1
16) Acetone	2.428	43	338	Below Cal	#	69
17) Carbon Disulfide	2.477	76	588	0.408	ug/l #	84
18) Methyl Acetate	2.739	43	672	0.231	ug/l #	73
20) Methylene Chloride	2.770	84	1098	Below Cal	#	90
25) 2-Butanone	4.629	43	379	0.283	ug/l #	45
29) Tetrahydrofuran	5.074	42	1349	1.583	ug/l #	54
31) Cyclohexane	5.556	56	2899	1.247	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	10449	4.704	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13988	5.785	ug/l #	16
43) Isopropyl Acetate	6.367	43	2525	0.599	ug/l #	57
51) 4-Methyl-2-Pentanone	8.653	43	1282	0.461	ug/l #	1
60) Dibromochloromethane	9.275	129	95	1.235	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56094	24.066	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56094	65.700	ug/l #	12

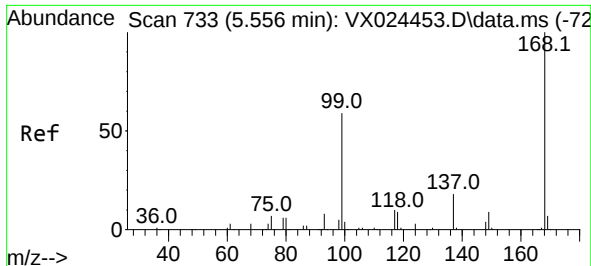
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 02 04:08:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

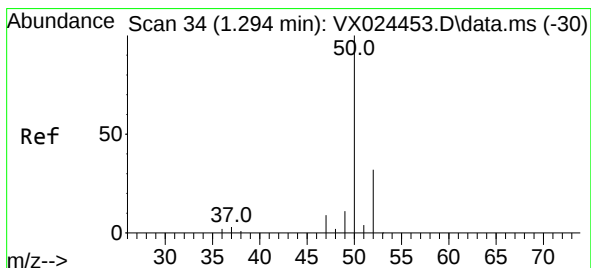
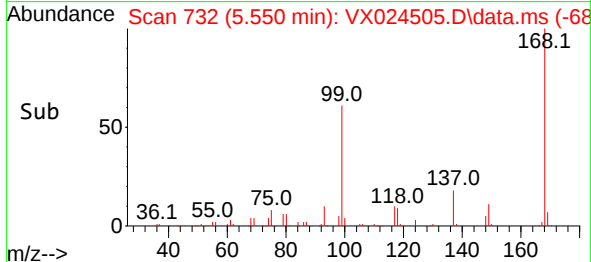
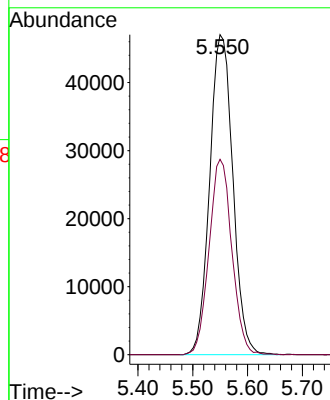
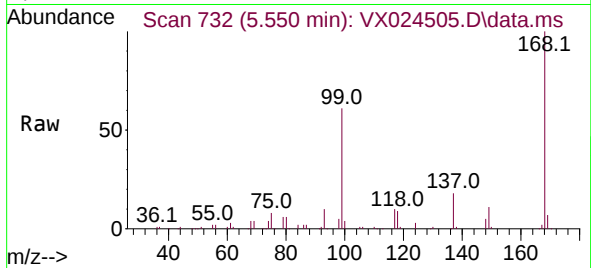




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.006 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

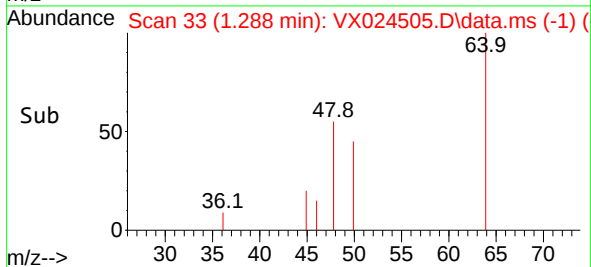
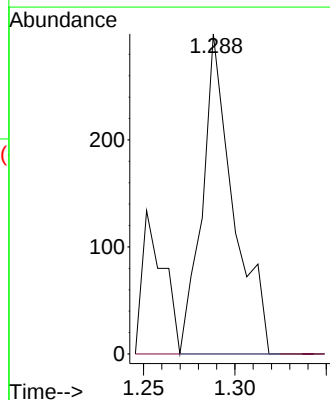
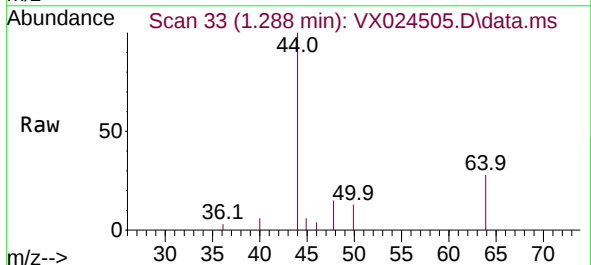
Instrument :
MSVOA_X
ClientSampled :

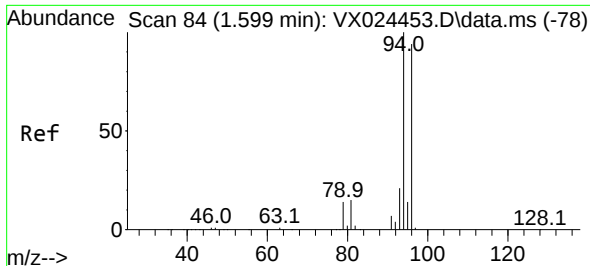
Tgt Ion:168 Resp: 137753
Ion Ratio Lower Upper
168 100
99 61.0 45.8 68.6



#3
Chloromethane
Concen: 0.272 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Tgt Ion: 50 Resp: 355
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

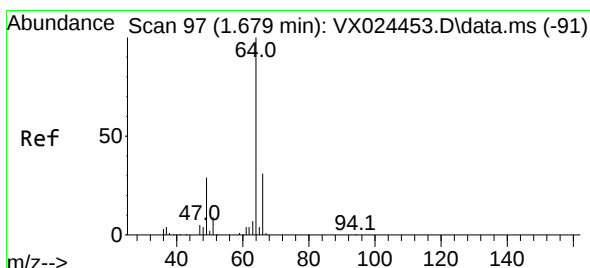
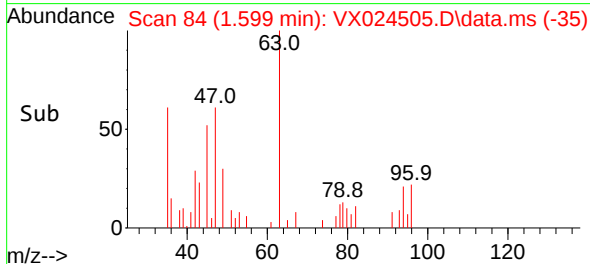
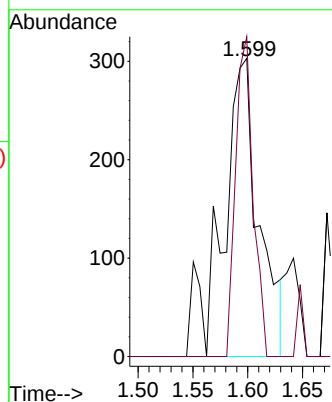
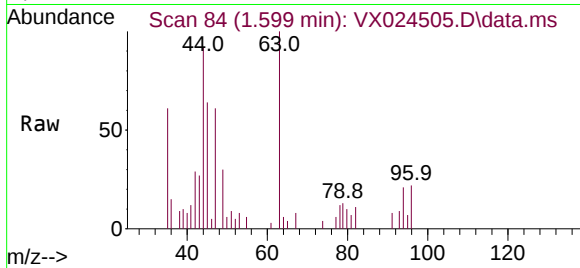




#5
Bromomethane
Concen: 0.757 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

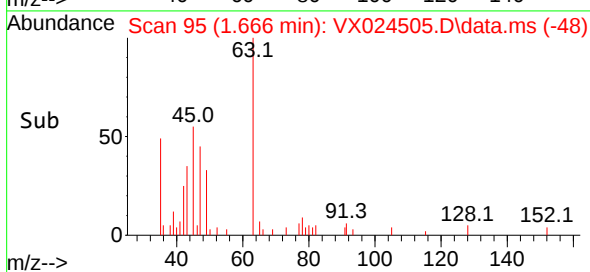
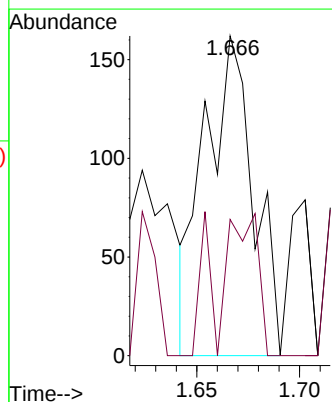
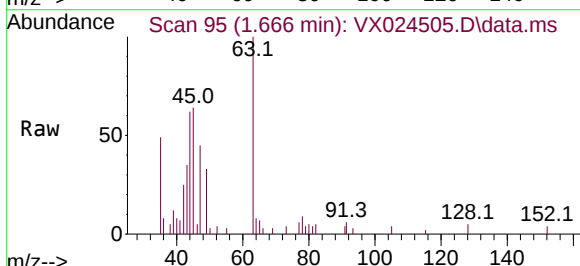
Instrument :
MSVOA_X
ClientSampled :

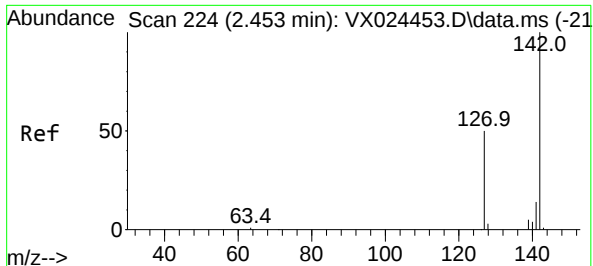
Tgt Ion: 94 Resp: 696
Ion Ratio Lower Upper
94 100
96 107.3 76.4 114.6



#6
Chloroethane
Concen: 0.550 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

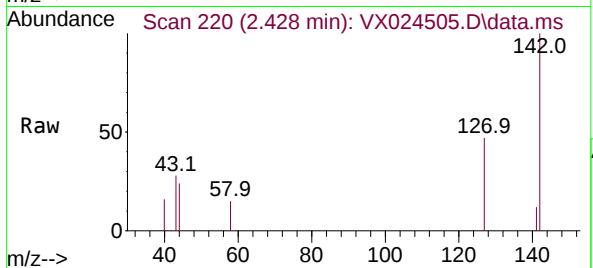
Tgt Ion: 64 Resp: 267
Ion Ratio Lower Upper
64 100
66 42.6 25.4 38.0#



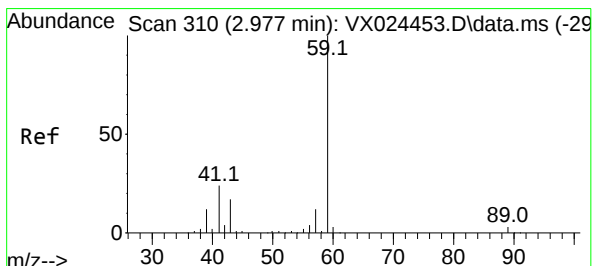
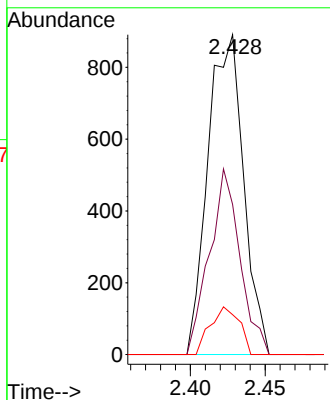
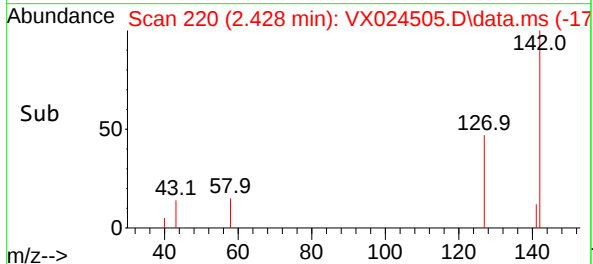


#10
Methyl Iodide
Concen: 0.775 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.025 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

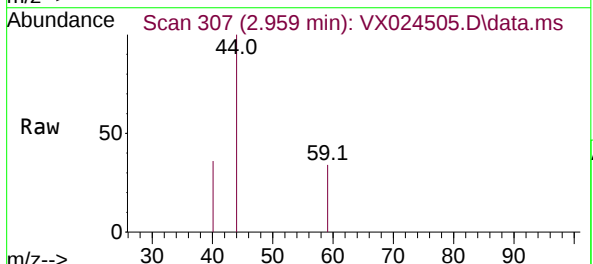
Instrument :
MSVOA_X
ClientSampled :



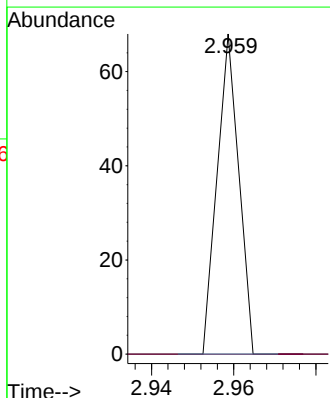
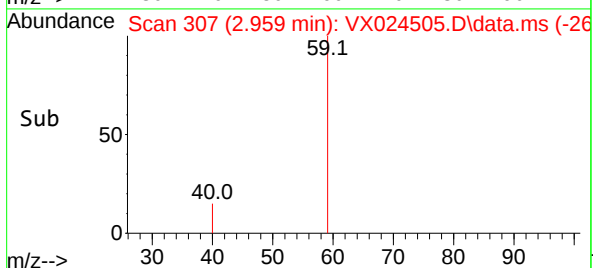
Tgt Ion:142 Resp: 1474
Ion Ratio Lower Upper
142 100
127 49.8 33.3 49.9
141 12.2 11.4 17.0

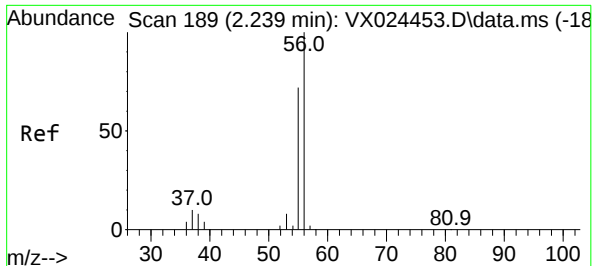


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58



Tgt Ion: 59 Resp: 25
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

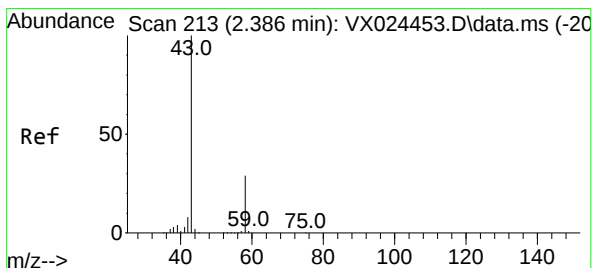
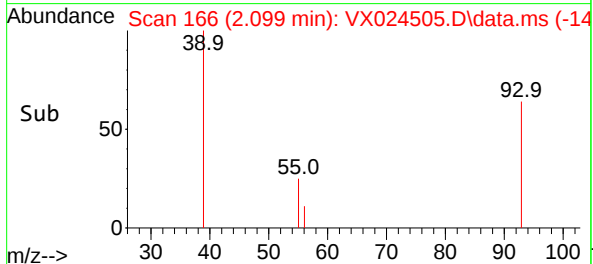
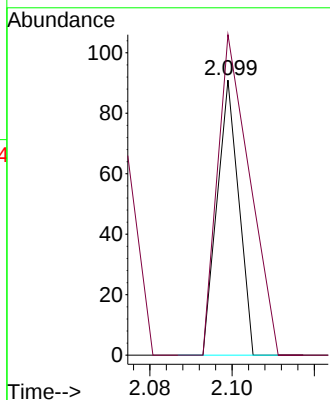
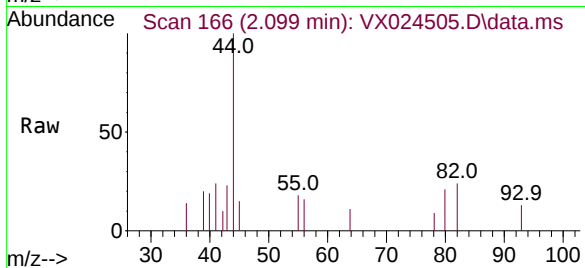




#13
Acrolein
Concen: 10.359 ug/l
RT: 2.099 min Scan# 166
Delta R.T. -0.140 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

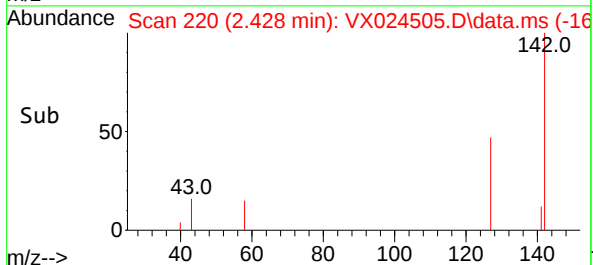
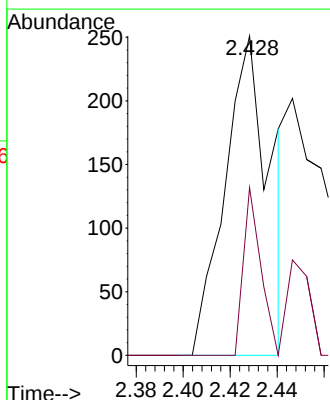
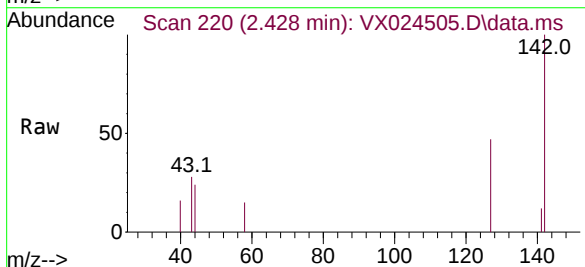
Instrument :
MSVOA_X
ClientSampled :

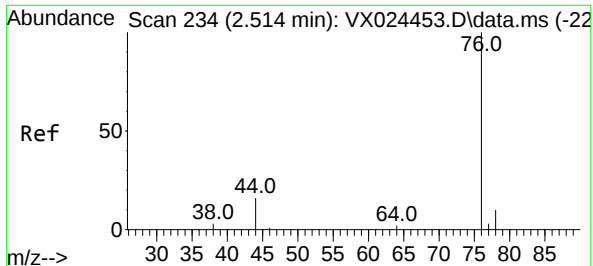
Tgt Ion: 56 Resp: 33
Ion Ratio Lower Upper
56 100
55 175.8 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.428 min Scan# 220
Delta R.T. 0.042 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

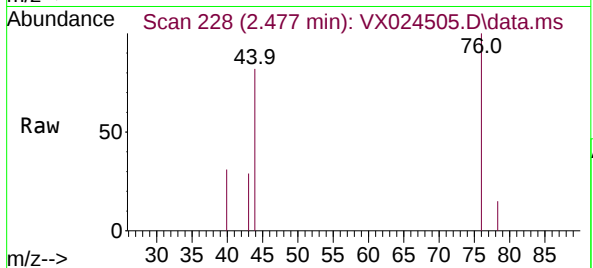
Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
58 52.6 27.8 41.8#



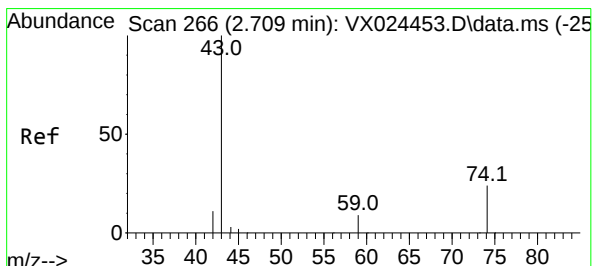
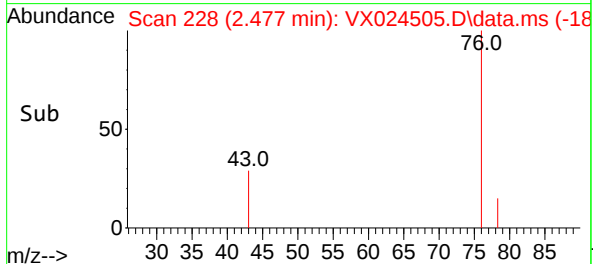
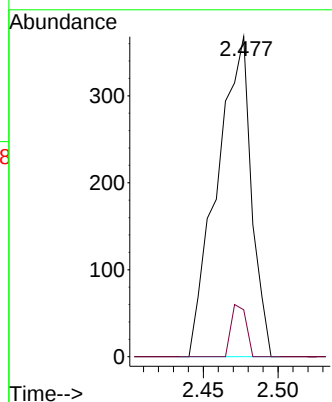


#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.477 min Scan# 228
Delta R.T. -0.037 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

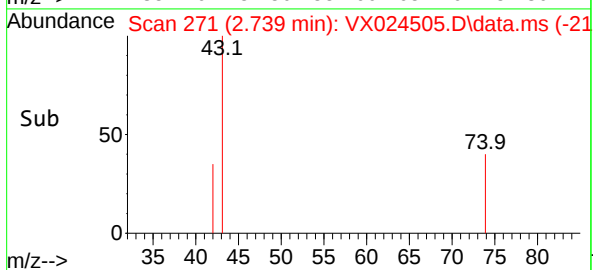
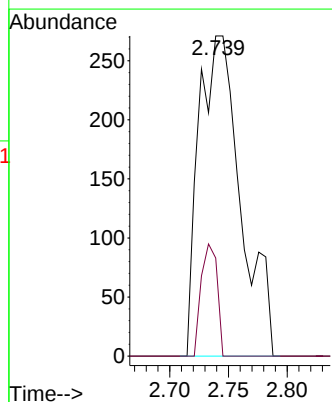
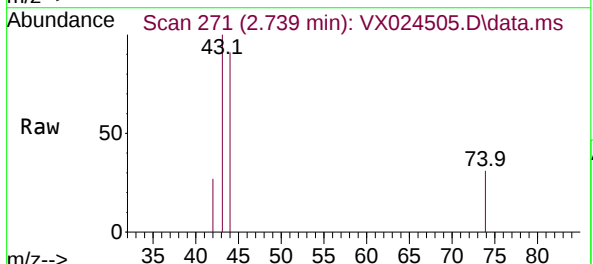


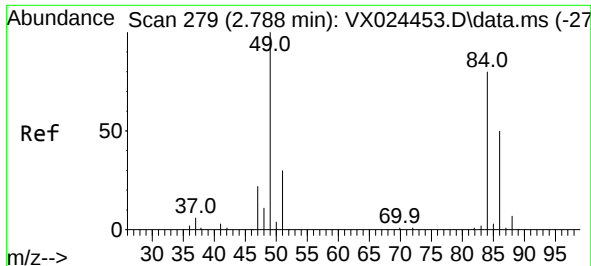
Tgt Ion: 76 Resp: 588
Ion Ratio Lower Upper
76 100
78 14.7 7.2 10.8#



#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.739 min Scan# 271
Delta R.T. 0.030 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

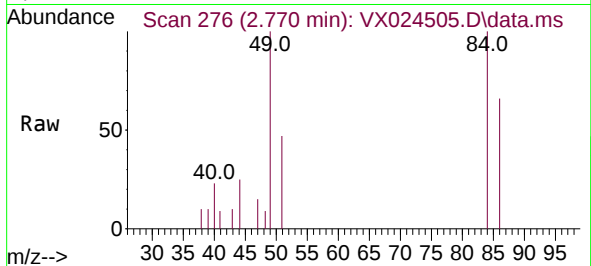
Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
74 13.4 21.9 32.9#



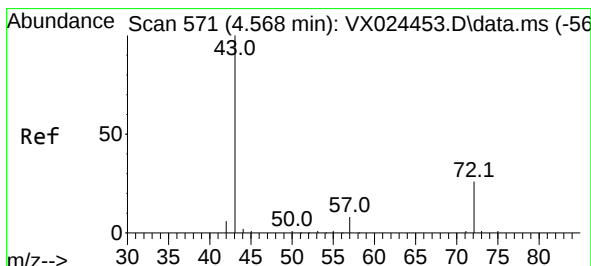
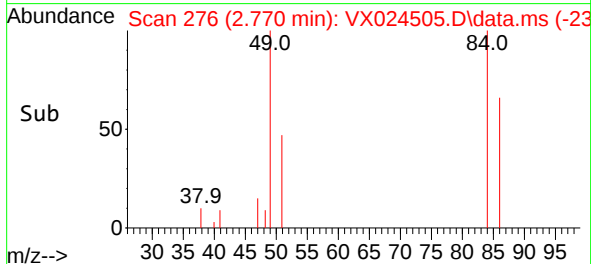
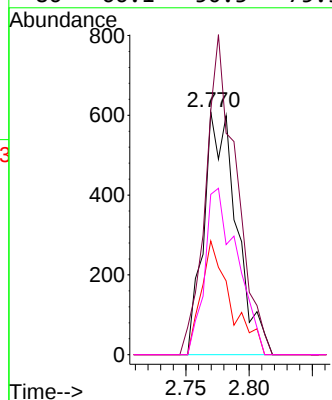


#20
Methylene Chloride
Concen: Below Cal
RT: 2.770 min Scan# 276
Delta R.T. -0.018 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

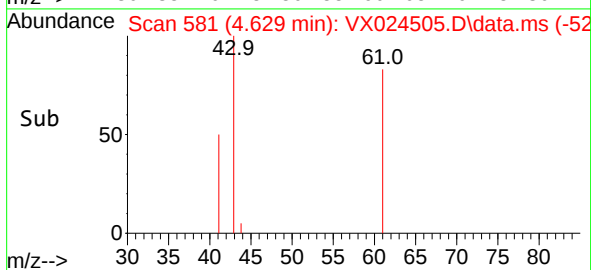
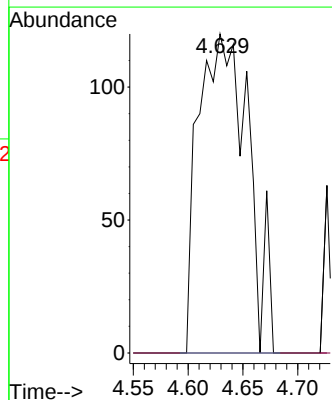
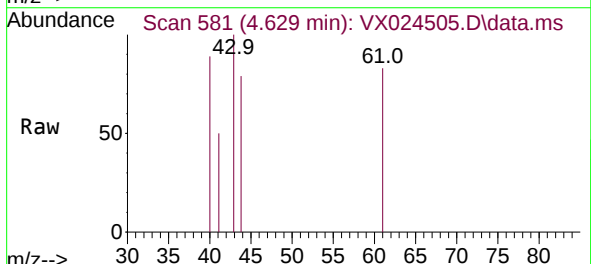


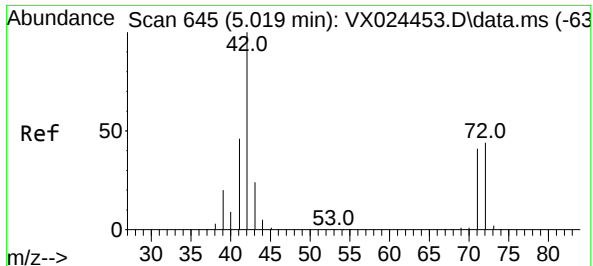
Tgt Ion: 84	Resp: 1098
Ion Ratio	Lower Upper
84 100	
49 100.5	88.6 132.8
51 46.9	27.0 40.6#
86 66.1	50.3 75.5



#25
2-Butanone
Concen: 0.283 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.061 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Tgt Ion: 43	Resp: 379
Ion Ratio	Lower Upper
43 100	
72 0.0	23.7 35.5#





#29

Tetrahydrofuran

Concen: 1.583 ug/l

RT: 5.074 min Scan# 654

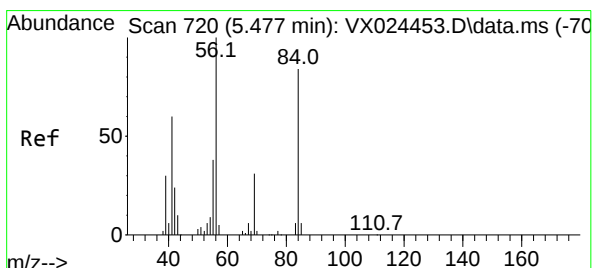
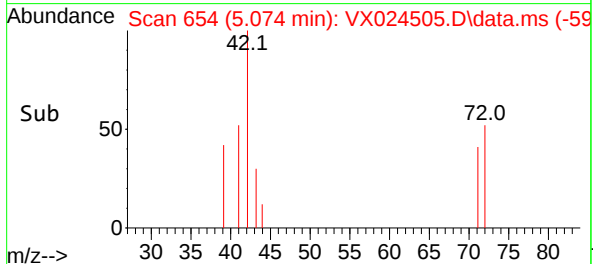
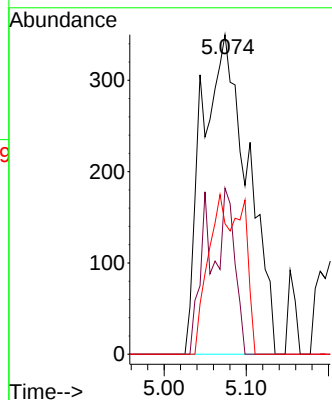
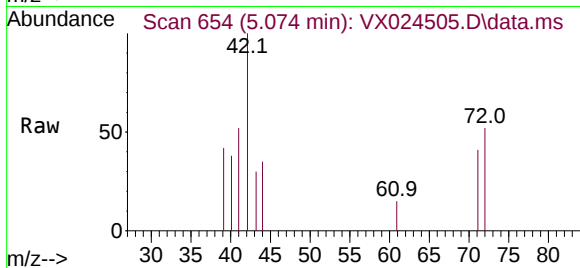
Delta R.T. 0.055 min

Lab File: VX024505.D

Acq: 01 Oct 2021 16:58

Tgt Ion:	42	Resp:	1349
Ion	Ratio	Lower	Upper
42	100		
72	13.6	41.7	62.5#
71	23.3	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.247 ug/l

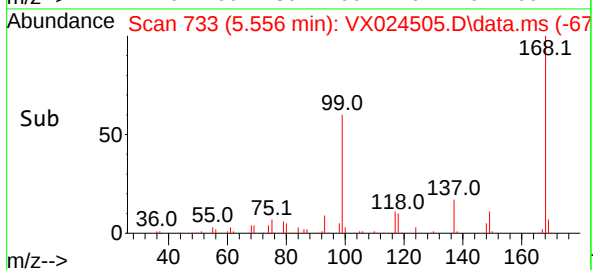
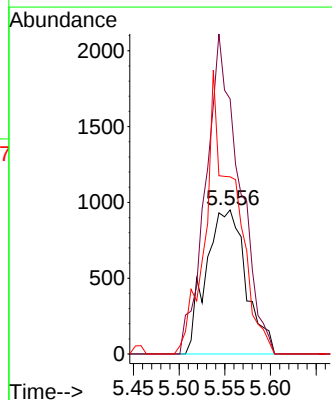
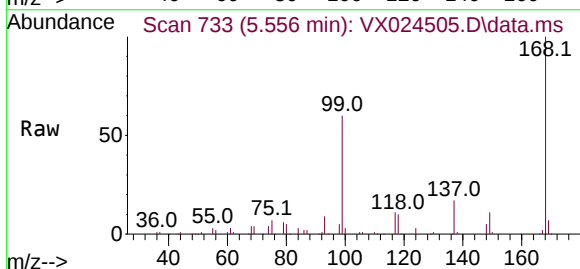
RT: 5.556 min Scan# 733

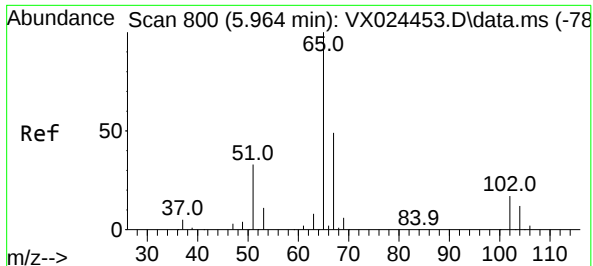
Delta R.T. 0.079 min

Lab File: VX024505.D

Acq: 01 Oct 2021 16:58

Tgt Ion:	56	Resp:	2899
Ion	Ratio	Lower	Upper
56	100		
69	177.2	25.3	37.9#
84	123.1	71.4	107.0#



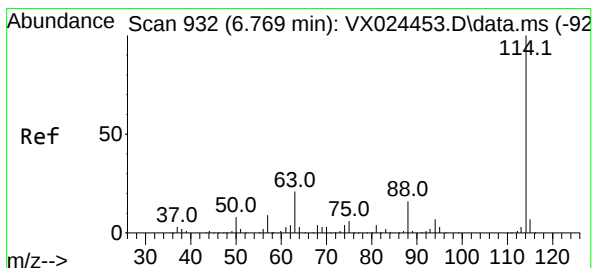
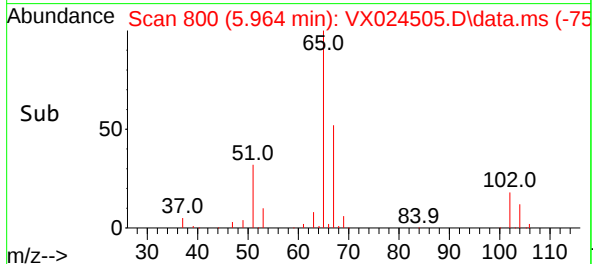
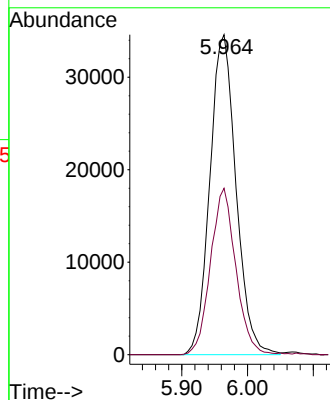
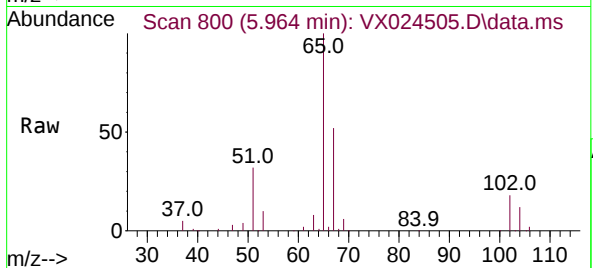


#33

1,2-Dichloroethane-d4
Concen: 49.366 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

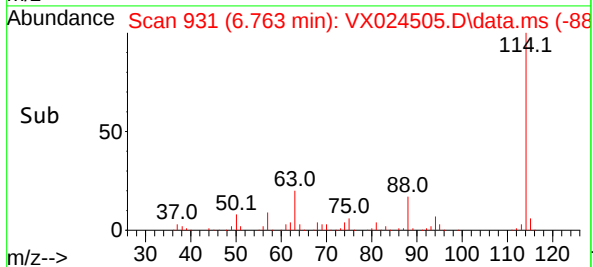
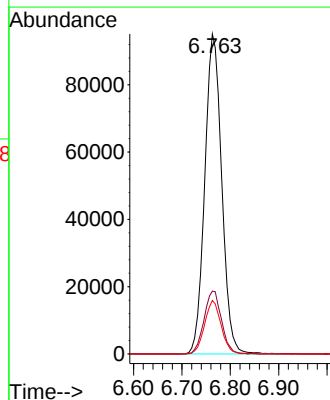
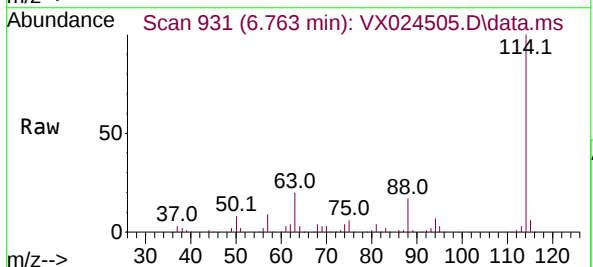
Tgt Ion: 65 Resp: 95843
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

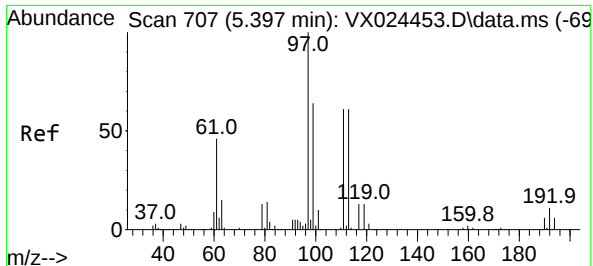


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.006 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Tgt Ion: 114 Resp: 231698
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.265 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX024505.D

Acq: 01 Oct 2021 16:58

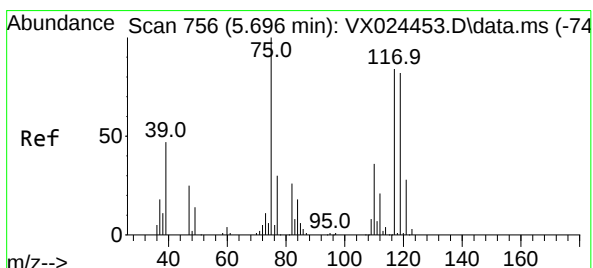
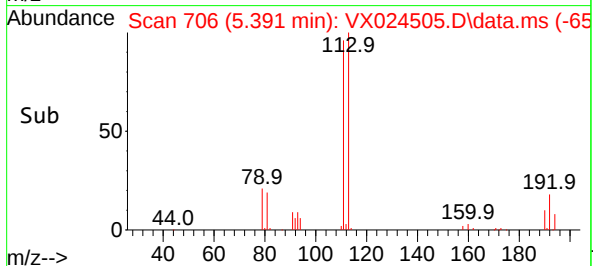
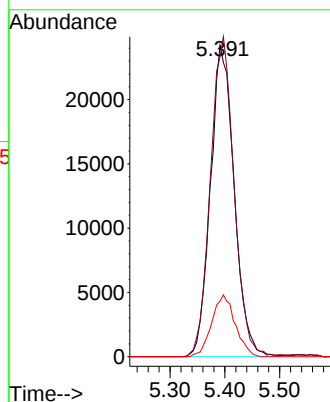
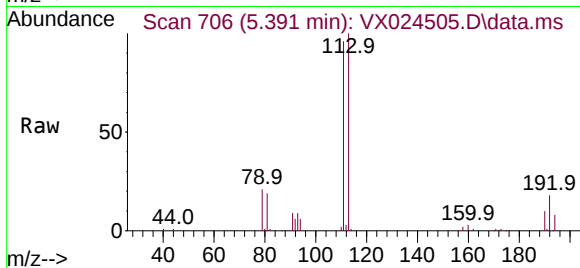
Tgt Ion:113 Resp: 72751

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

192 19.6 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.704 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX024505.D

Acq: 01 Oct 2021 16:58

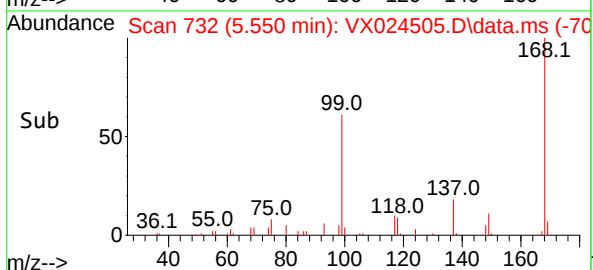
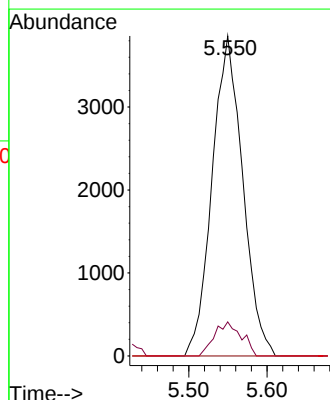
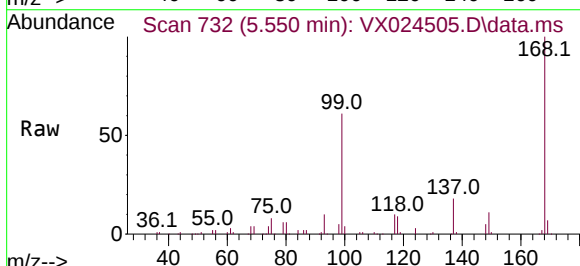
Tgt Ion: 75 Resp: 10449

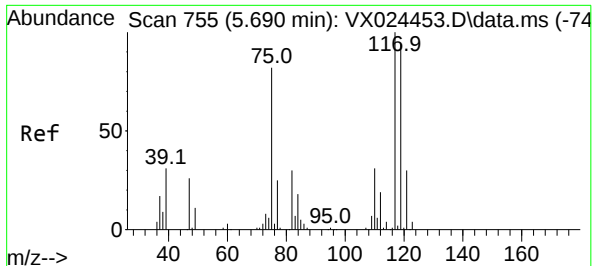
Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.4#

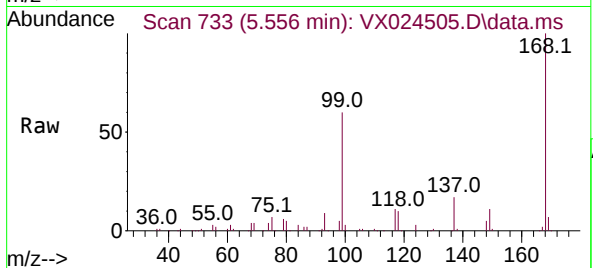
77 0.0 25.3 37.9#



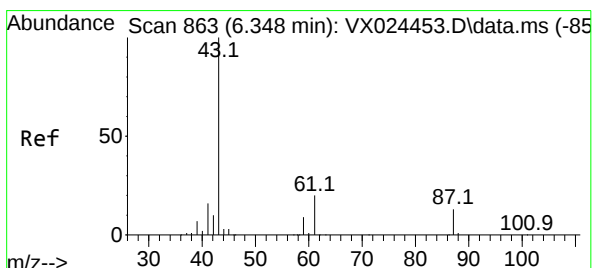
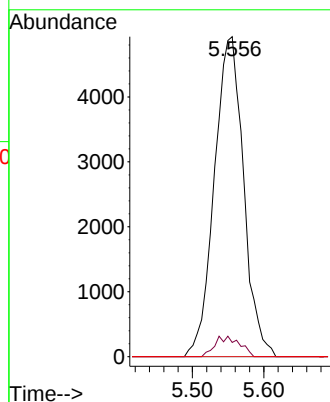
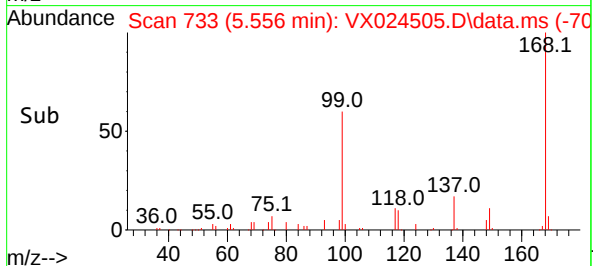


#38
Carbon Tetrachloride
Concen: 5.785 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

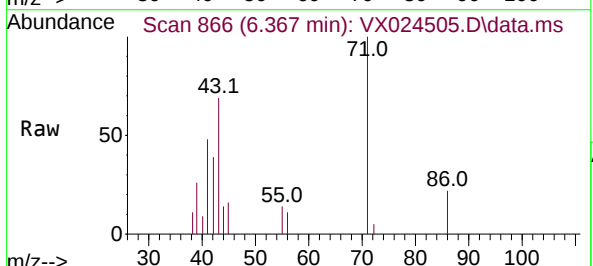
Instrument :
MSVOA_X
ClientSampleId :



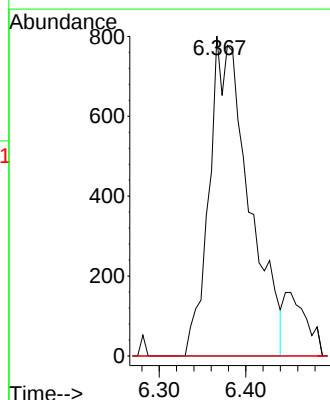
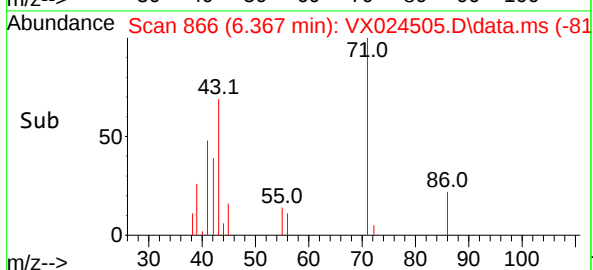
Tgt Ion:117 Resp: 13988
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

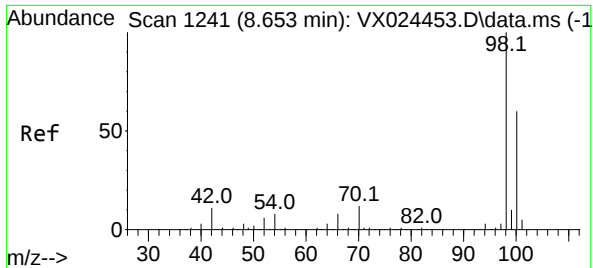


#43
Isopropyl Acetate
Concen: 0.599 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.019 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58



Tgt Ion: 43 Resp: 2525
Ion Ratio Lower Upper
43 100
61 0.0 18.2 27.4#
87 0.0 12.5 18.7#

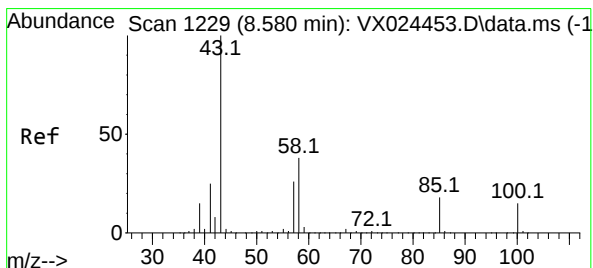
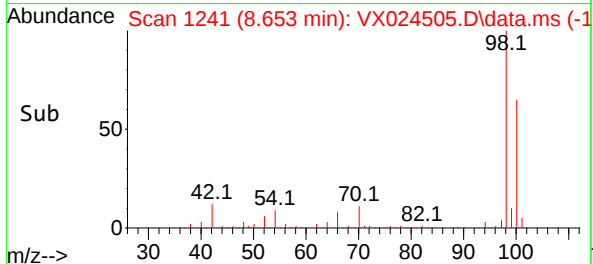
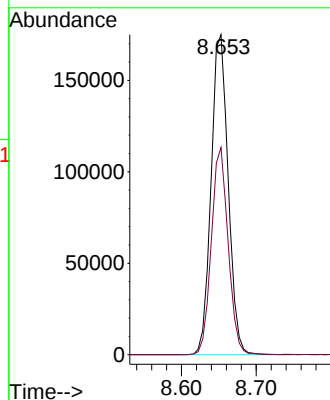
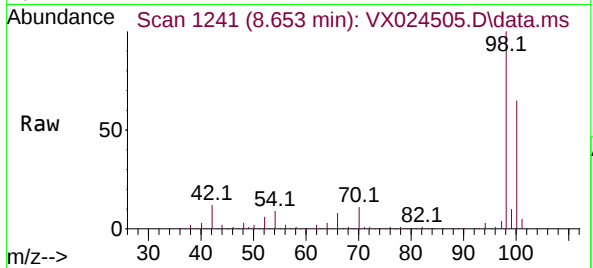




#50
Toluene-d8
Concen: 49.006 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

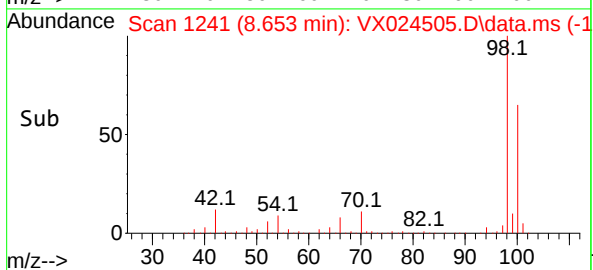
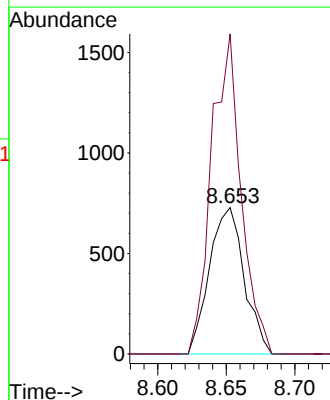
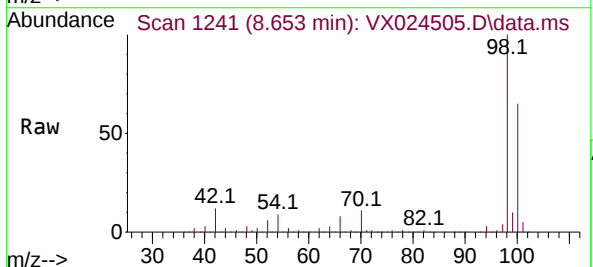
Instrument :
MSVOA_X
ClientSampled :

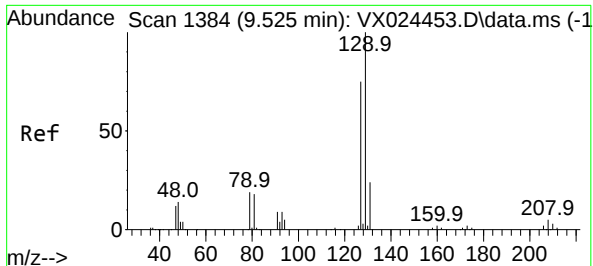
Tgt Ion: 98 Resp: 277626
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Tgt Ion: 43 Resp: 1282
Ion Ratio Lower Upper
43 100
58 186.8 35.4 53.0#





#60

Dibromochloromethane

Concen: 1.235 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024505.D

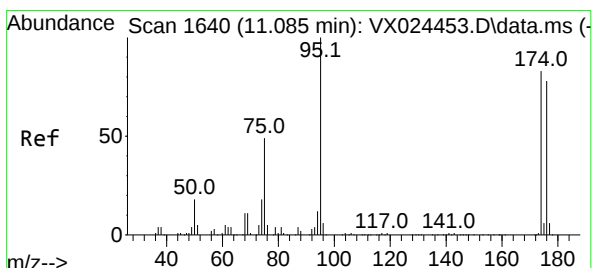
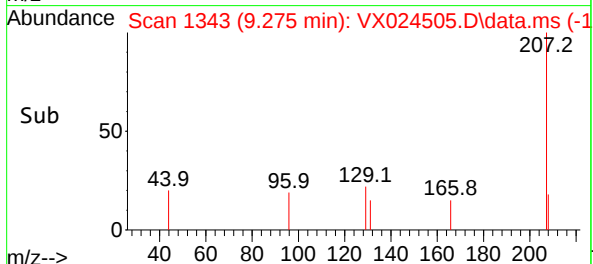
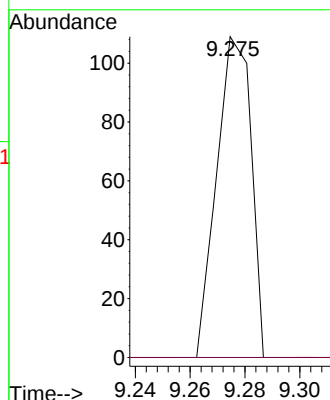
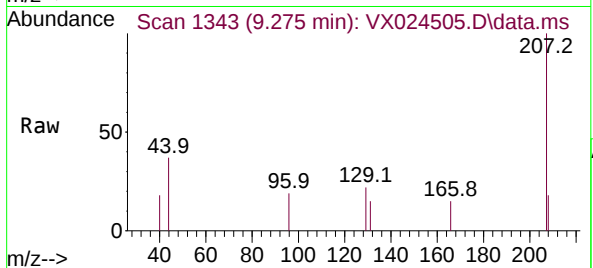
Acq: 01 Oct 2021 16:58

Tgt Ion:129 Resp: 95

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 47.666 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024505.D

Acq: 01 Oct 2021 16:58

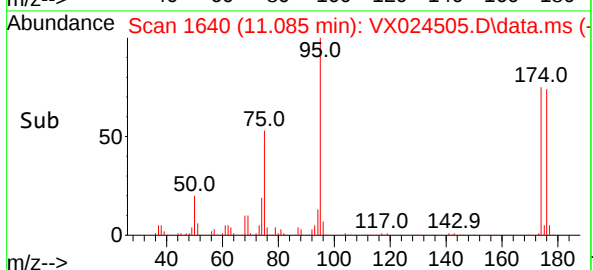
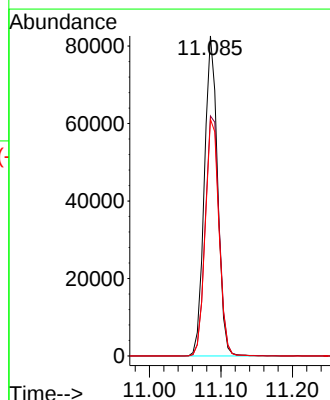
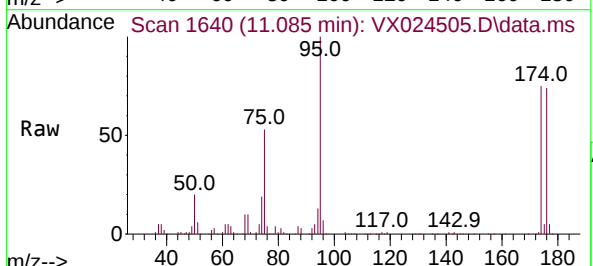
Tgt Ion: 95 Resp: 106173

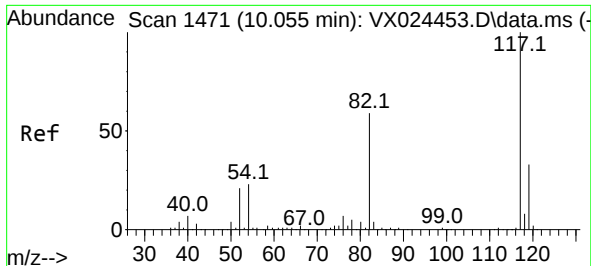
Ion Ratio Lower Upper

95 100

174 79.1 0.0 154.6

176 76.6 0.0 155.8

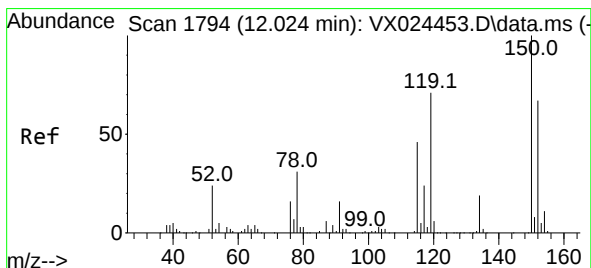
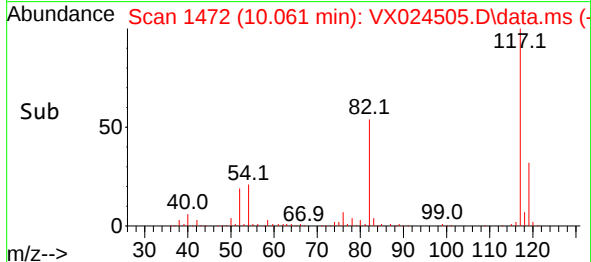
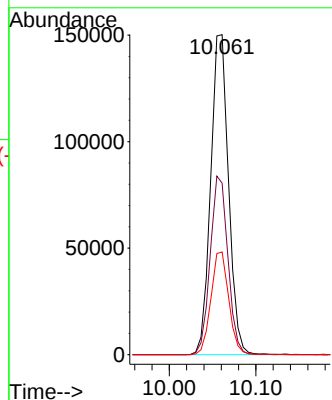
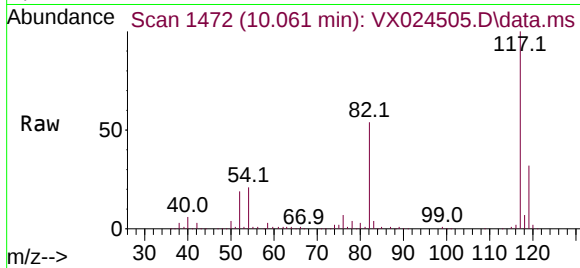




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

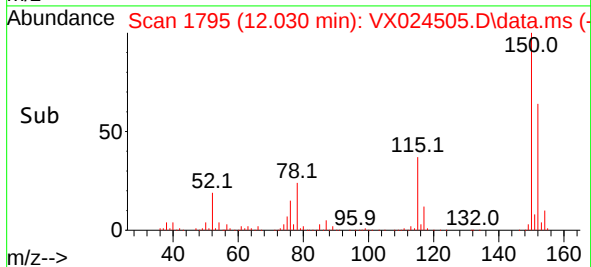
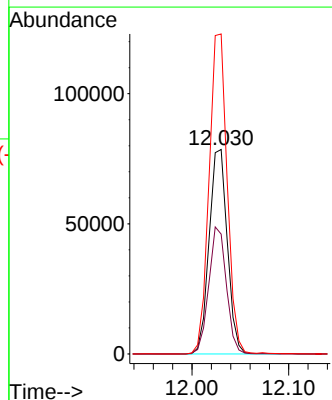
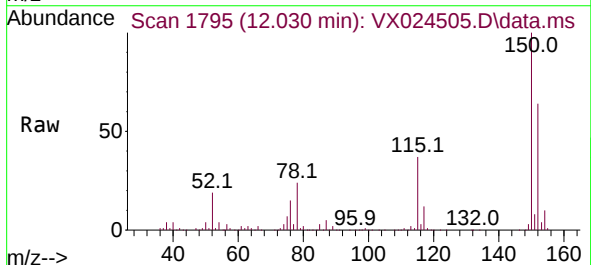
Instrument :
MSVOA_X
ClientSampled :

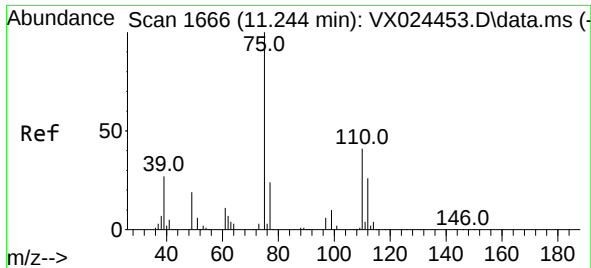
Tgt Ion:117 Resp: 215383
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.030 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Tgt Ion:152 Resp: 102636
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 155.3 0.0 349.0

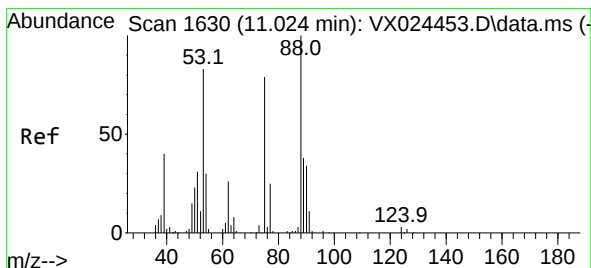
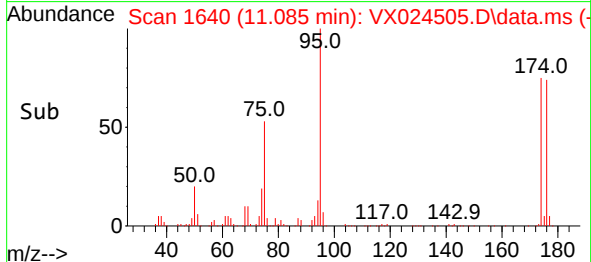
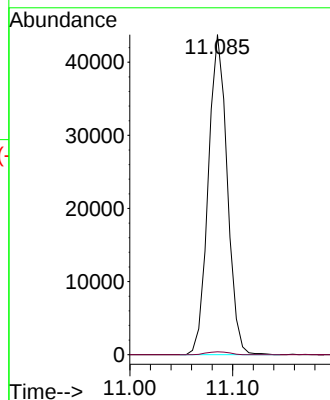
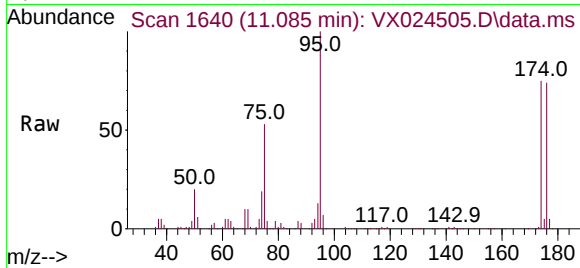




#76
1,2,3-Trichloropropane
Concen: 24.066 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 56094
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.700 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024505.D
Acq: 01 Oct 2021 16:58

Tgt Ion: 75 Resp: 56094
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

