

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060421\
 Data File : VX022473.D
 Acq On : 05 Jun 2021 15:45
 Operator : JC/MD
 Sample : M2580-34
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 07 03:25:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

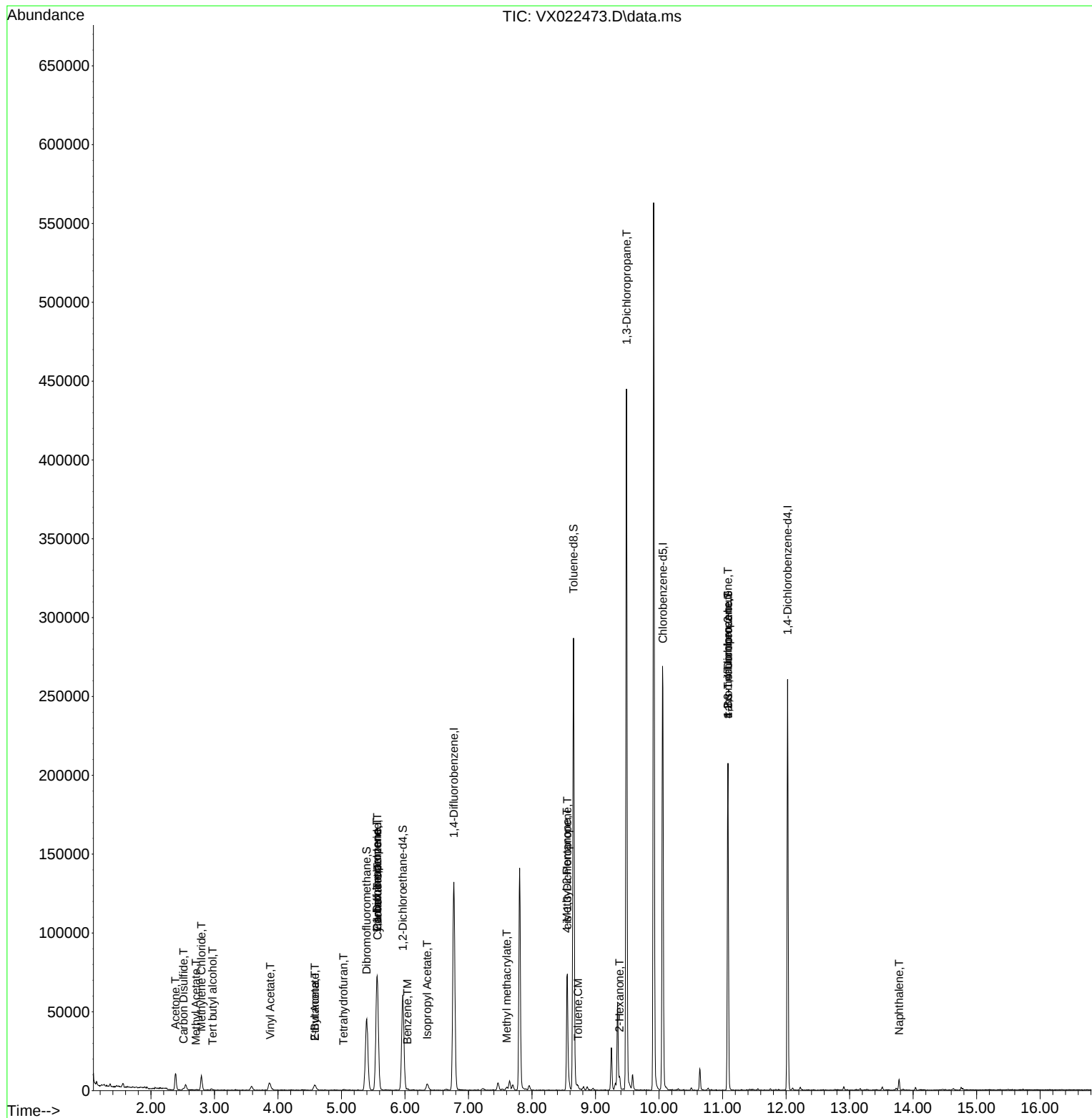
Internal Standards						
1) Pentafluorobenzene	5.562	168	61829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	129433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	116131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53848	56.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.920%			
35) Dibromofluoromethane	5.397	113	39520	48.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	8.653	98	160200	50.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.340%			
62) 4-Bromofluorobenzene	11.085	95	55541	47.525	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.040%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	317	1.453	ug/l #	73
16) Acetone	2.386	43	11413	27.482	ug/l	90
17) Carbon Disulfide	2.514	76	1429	0.770	ug/l #	90
18) Methyl Acetate	2.709	43	568	0.514	ug/l #	47
20) Methylene Chloride	2.794	84	3919	4.250	ug/l	91
23) Vinyl Acetate	3.879	43	833	0.345	ug/l #	68
25) 2-Butanone	4.580	43	3752	5.584	ug/l #	84
29) Tetrahydrofuran	5.032	42	188	0.470	ug/l #	68
31) Cyclohexane	5.568	56	1721	1.436	ug/l #	40
36) 1,1-Dichloropropene	5.556	75	5976	4.993	ug/l #	49
37) Ethyl Acetate	4.580	43	3752	2.557	ug/l #	64
38) Carbon Tetrachloride	5.562	117	7548	6.447	ug/l #	18
40) Benzene	6.038	78	789	0.214	ug/l #	52
43) Isopropyl Acetate	6.348	43	5355	2.231	ug/l #	95
48) Methyl methacrylate	7.604	41	3106	2.808	ug/l #	20
51) 4-Methyl-2-Pentanone	8.549	43	27972	19.459	ug/l #	41
52) Toluene	8.726	92	513	0.220	ug/l	84
54) cis-1,3-Dichloropropene	8.555	75	12050	7.614	ug/l #	66
57) 1,3-Dichloropropane	9.488	76	3918	2.424	ug/l #	42
59) 2-Hexanone	9.378	43	4739	4.383	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	30490	26.736	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30490	63.346	ug/l #	12
95) Naphthalene	13.780	128	3821	1.057	ug/l #	96

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 69 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

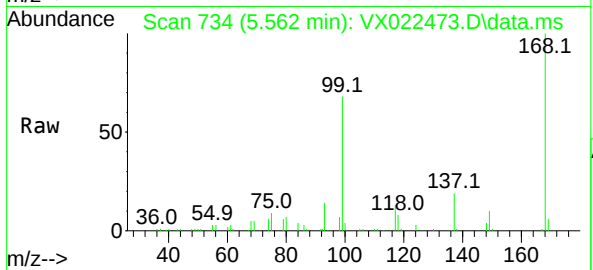
Quant Time: Jun 07 03:25:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



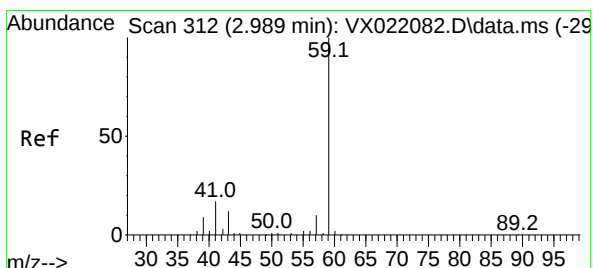
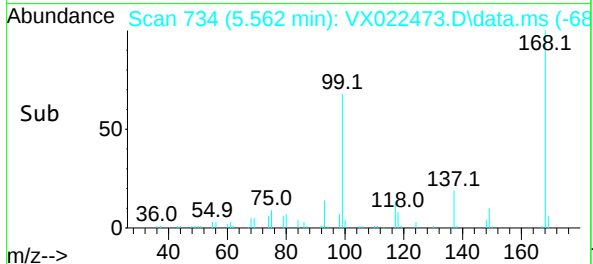
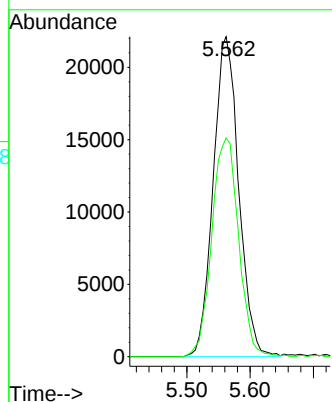


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Instrument :
MSVOA_X
ClientSampleId :

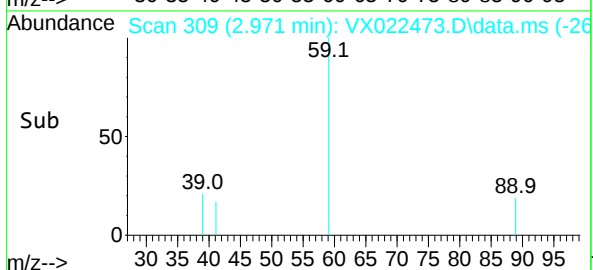
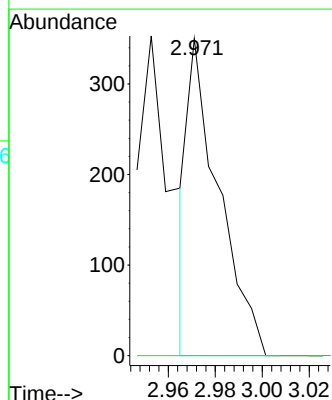
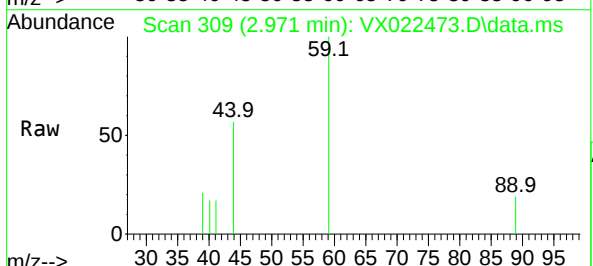


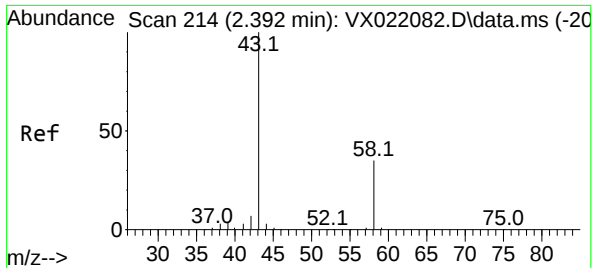
Tgt Ion:168 Resp: 61829
Ion Ratio Lower Upper
168 100
99 68.3 45.8 68.6



#11
Tert butyl alcohol
Concen: 1.453 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

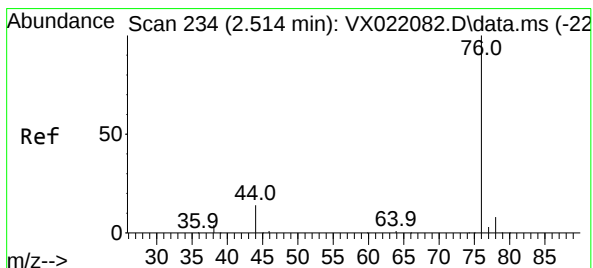
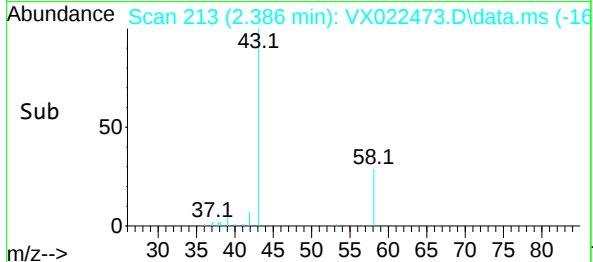
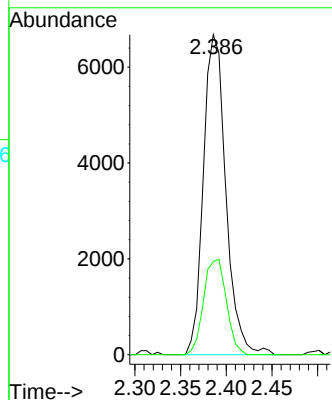
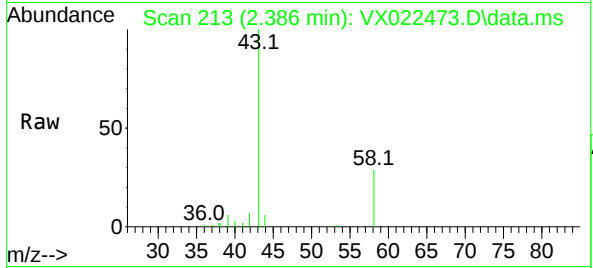




#16
Acetone
Concen: 27.482 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

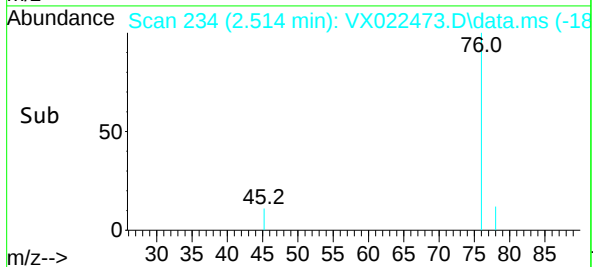
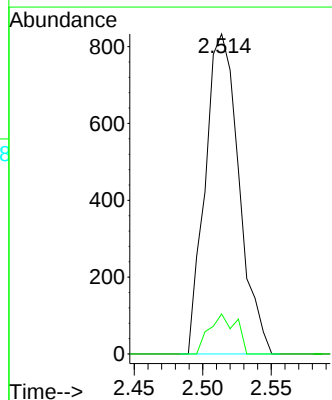
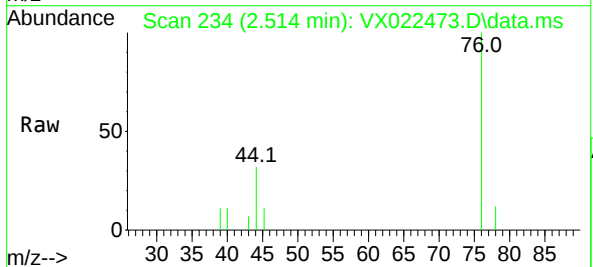
Instrument :
MSVOA_X
ClientSampled :

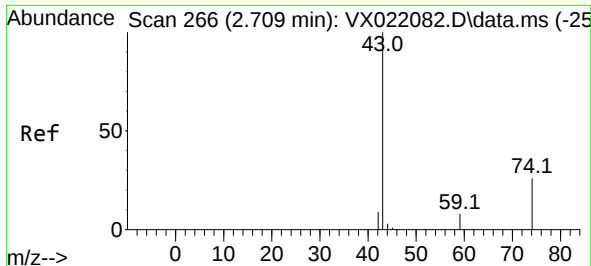
Tgt Ion: 43 Resp: 11413
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8



#17
Carbon Disulfide
Concen: 0.770 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Tgt Ion: 76 Resp: 1429
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#





#18

Methyl Acetate

Concen: 0.514 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.000 min

Lab File: VX022473.D

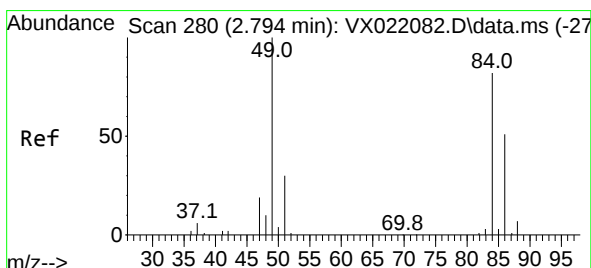
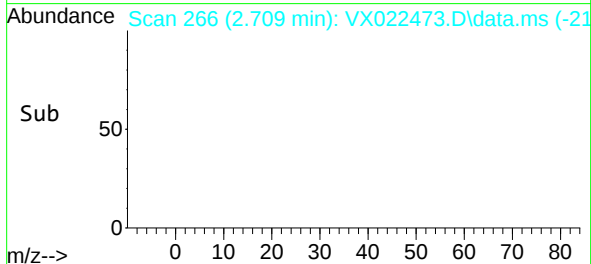
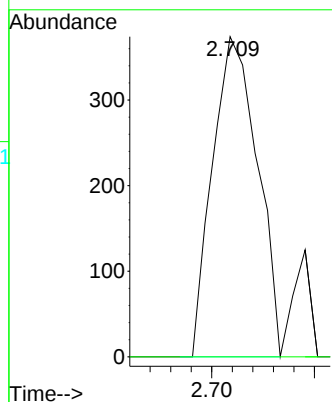
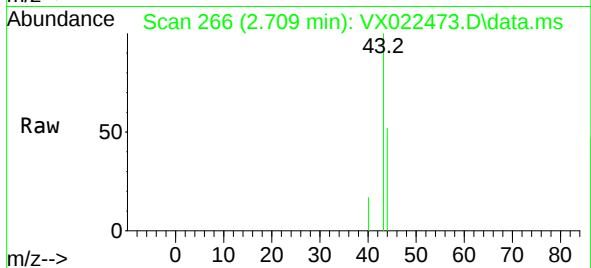
Acq: 05 Jun 2021 15:45

Tgt Ion: 43 Resp: 568

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 4.250 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022473.D

Acq: 05 Jun 2021 15:45

Tgt Ion: 84 Resp: 3919

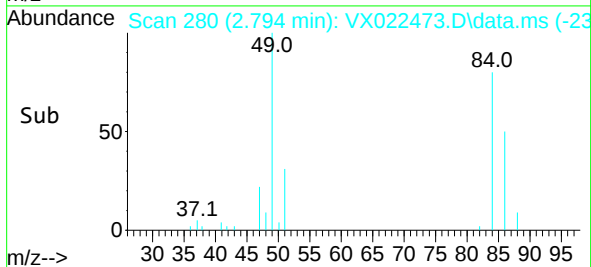
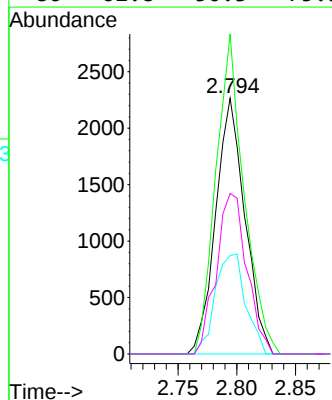
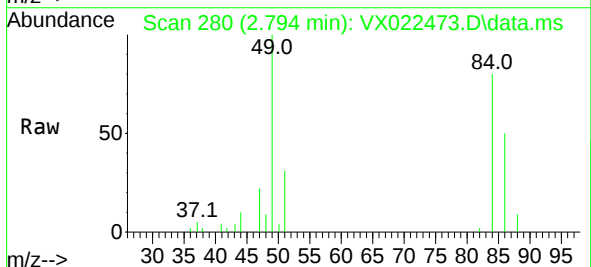
Ion Ratio Lower Upper

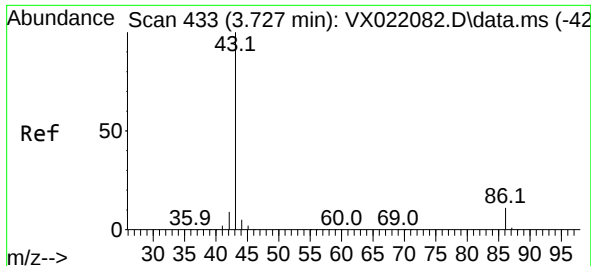
84 100

49 125.2 88.6 132.8

51 38.5 27.0 40.6

86 62.8 50.3 75.5

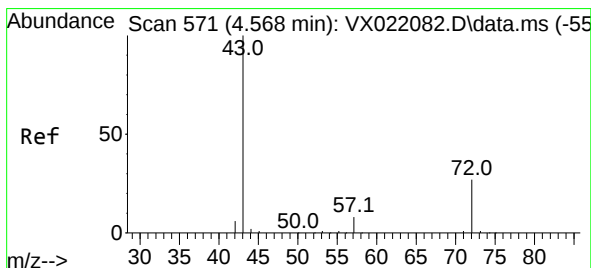
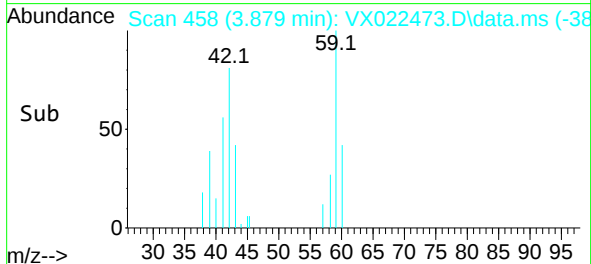
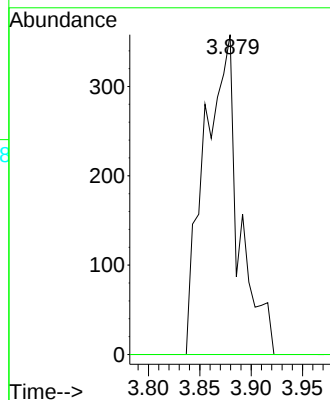
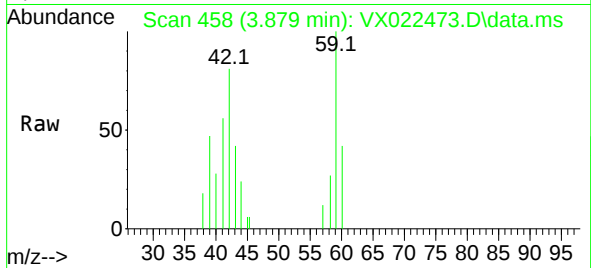




#23
 Vinyl Acetate
 Concen: 0.345 ug/l
 RT: 3.879 min Scan# 458
 Delta R.T. 0.152 min
 Lab File: VX022473.D
 Acq: 05 Jun 2021 15:45

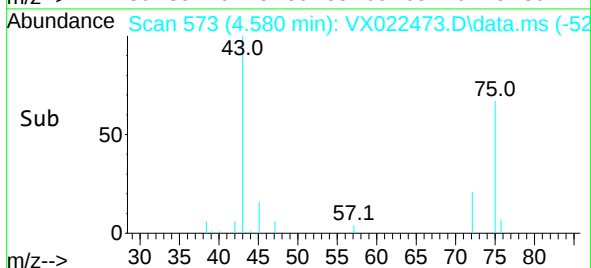
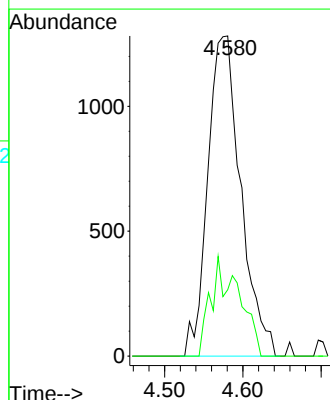
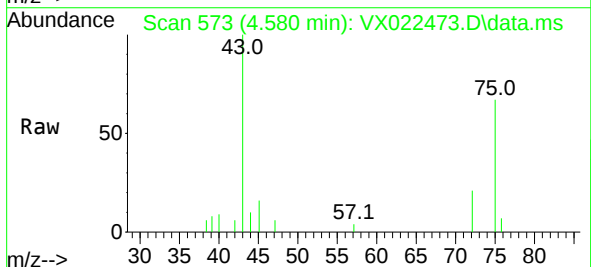
Instrument :
 MSVOA_X
 ClientSampled :

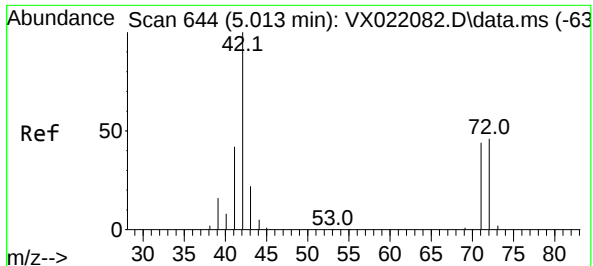
Tgt Ion: 43 Resp: 833
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.9 14.9#



#25
 2-Butanone
 Concen: 5.584 ug/l
 RT: 4.580 min Scan# 573
 Delta R.T. 0.013 min
 Lab File: VX022473.D
 Acq: 05 Jun 2021 15:45

Tgt Ion: 43 Resp: 3752
 Ion Ratio Lower Upper
 43 100
 72 20.7 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.470 ug/l

RT: 5.032 min Scan# 647

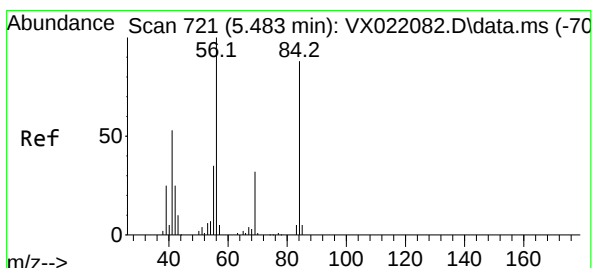
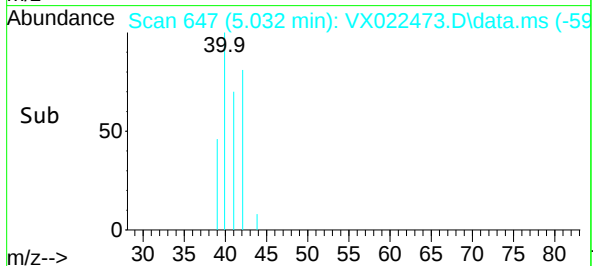
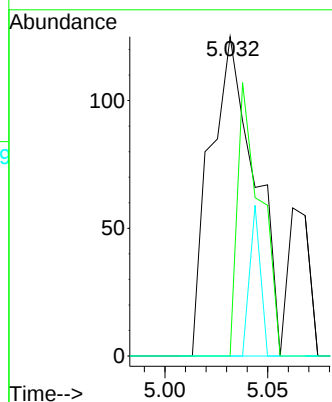
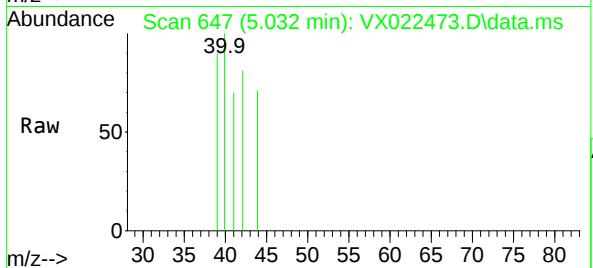
Delta R.T. 0.019 min

Lab File: VX022473.D

Acq: 05 Jun 2021 15:45

Tgt Ion:	42	Resp:	188
Ion	Ratio	Lower	Upper
42	100		
72	44.1	41.7	62.5
71	11.7	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.436 ug/l

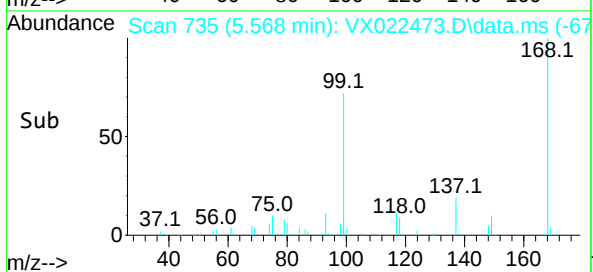
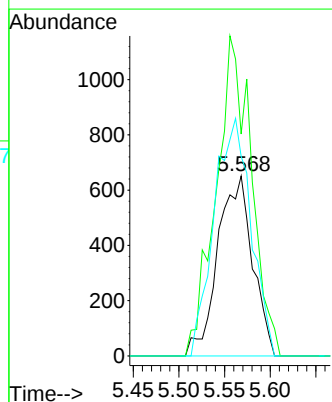
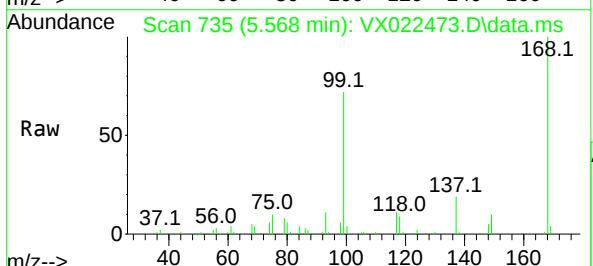
RT: 5.568 min Scan# 735

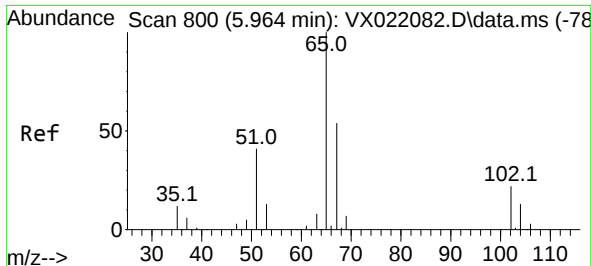
Delta R.T. 0.085 min

Lab File: VX022473.D

Acq: 05 Jun 2021 15:45

Tgt Ion:	56	Resp:	1721
Ion	Ratio	Lower	Upper
56	100		
69	123.3	25.3	37.9#
84	110.9	71.4	107.0#



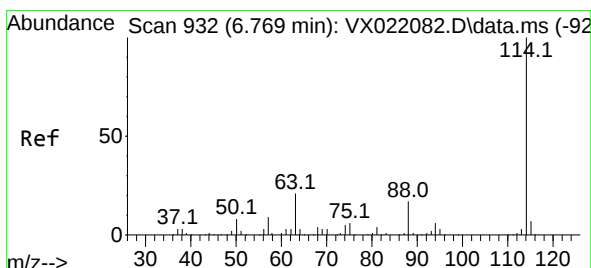
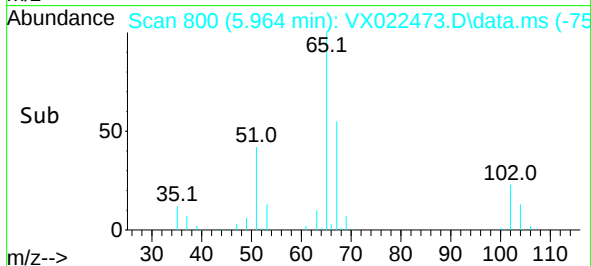
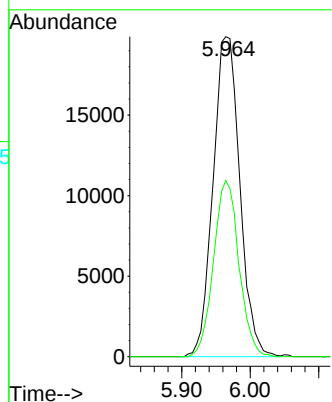
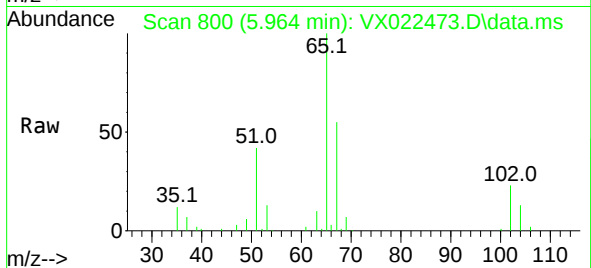


#33

1,2-Dichloroethane-d4
Concen: 56.459 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Instrument :
MSVOA_X
ClientSampled :

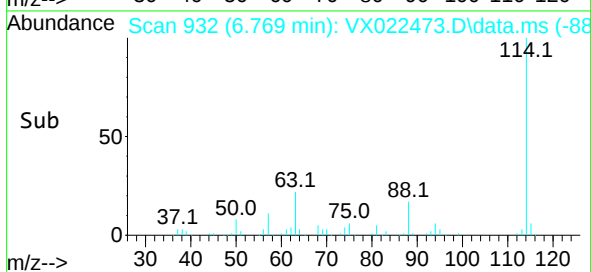
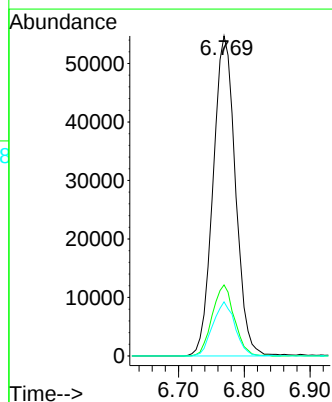
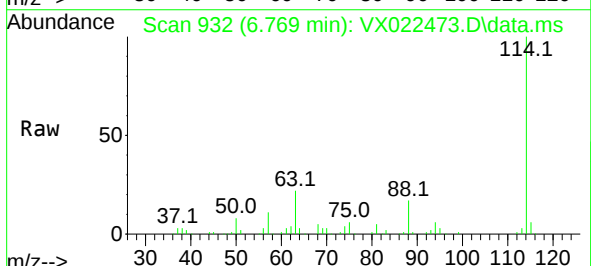
Tgt Ion: 65 Resp: 53848
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

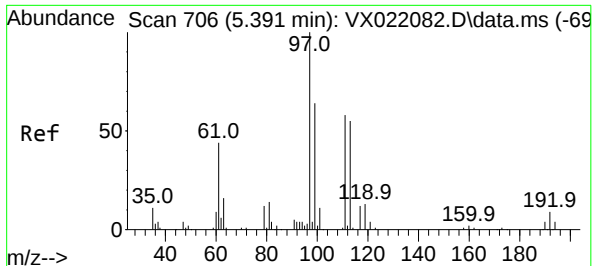


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Tgt Ion: 114 Resp: 129433
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 16.9 0.0 32.8

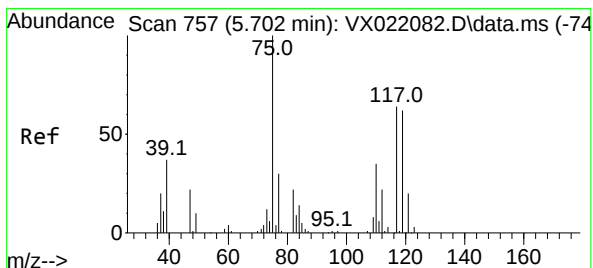
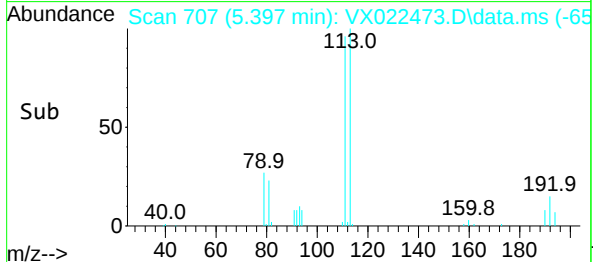
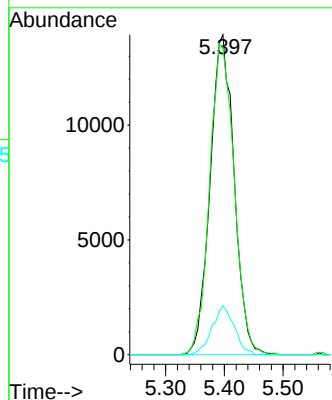
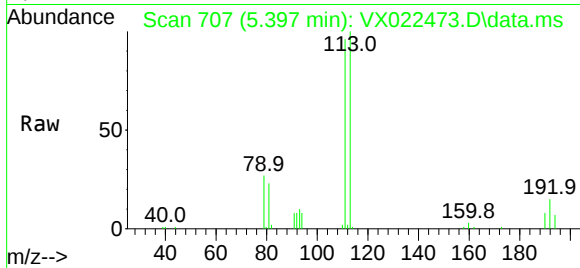




#35
Dibromofluoromethane
Concen: 48.148 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

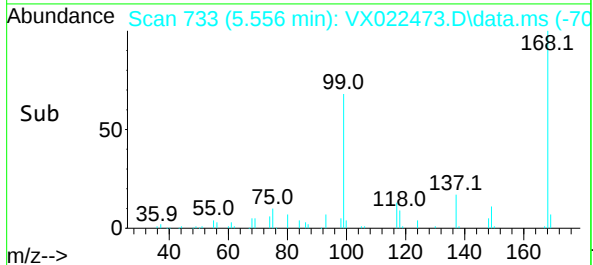
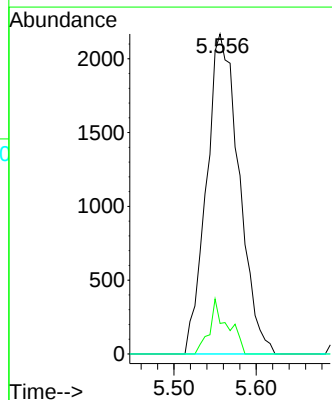
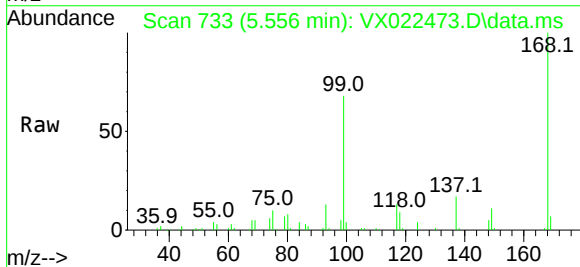
Instrument :
MSVOA_X
ClientSampleId :

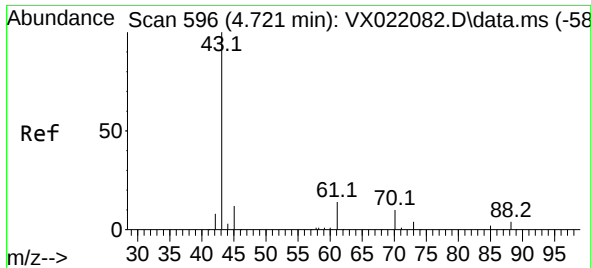
Tgt Ion:113 Resp: 39520
Ion Ratio Lower Upper
113 100
111 99.6 81.9 122.9
192 14.2 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Tgt Ion: 75 Resp: 5976
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.557 ug/l

RT: 4.580 min Scan# 573

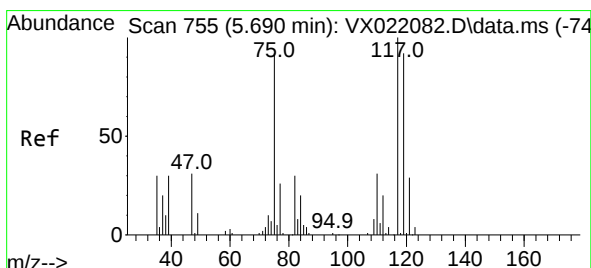
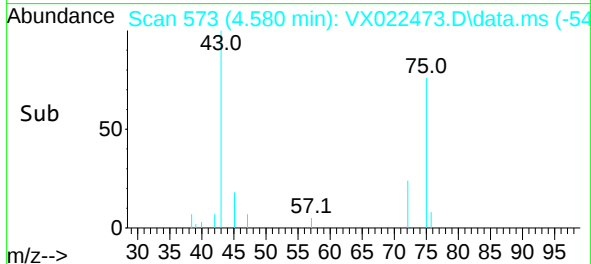
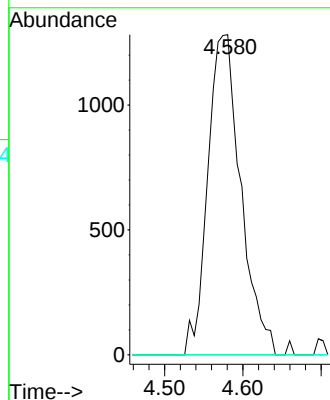
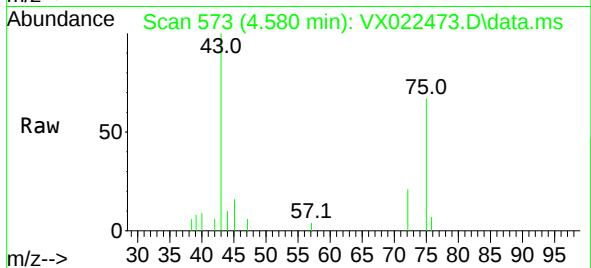
Delta R.T. -0.141 min

Lab File: VX022473.D

Acq: 05 Jun 2021 15:45

Tgt Ion:	43	Resp:	3752
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.447 ug/l

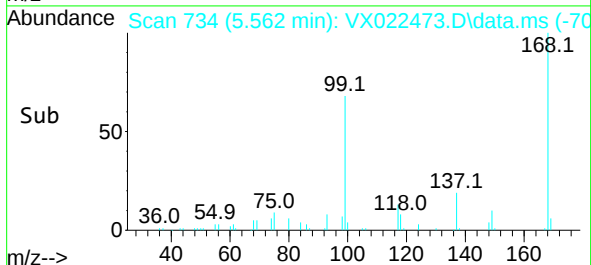
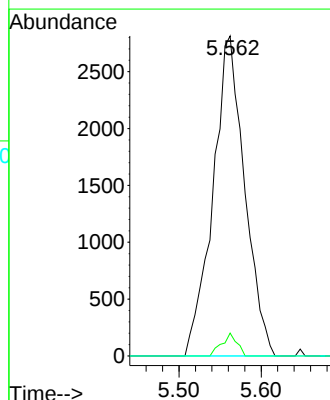
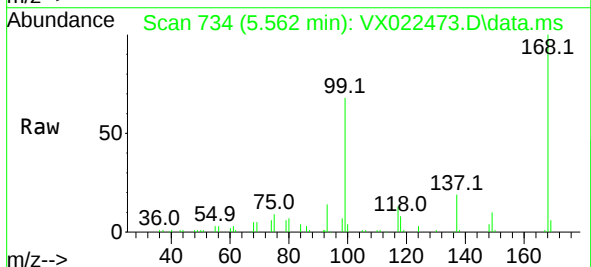
RT: 5.562 min Scan# 734

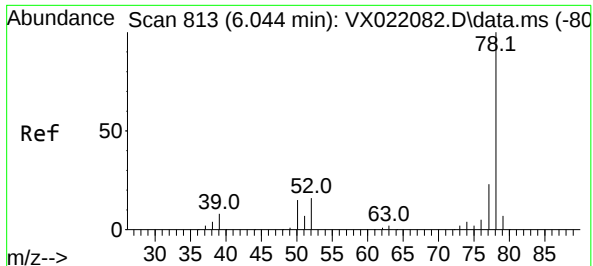
Delta R.T. -0.128 min

Lab File: VX022473.D

Acq: 05 Jun 2021 15:45

Tgt Ion:	117	Resp:	7548
Ion	Ratio	Lower	Upper
117	100		
119	7.2	76.2	114.2#
121	0.0	24.8	37.2#

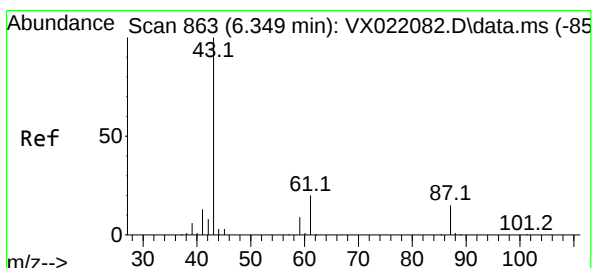
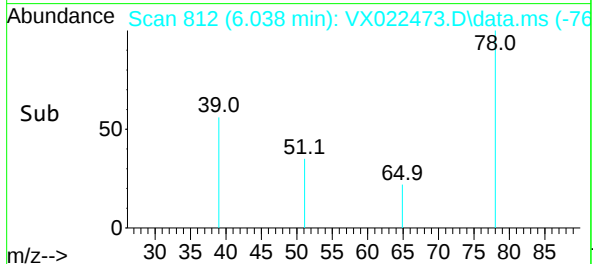
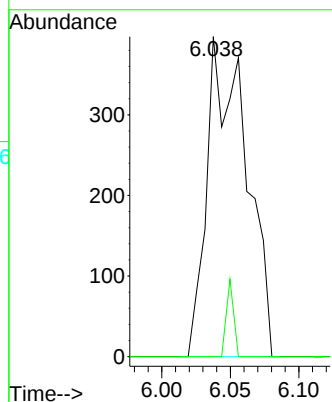
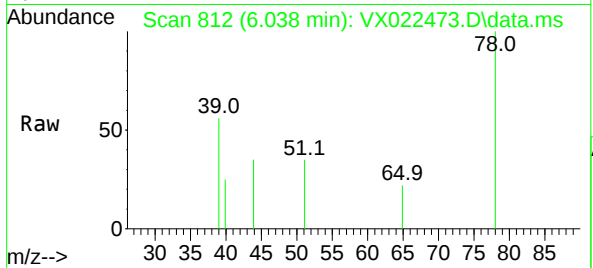




#40
Benzene
Concen: 0.214 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

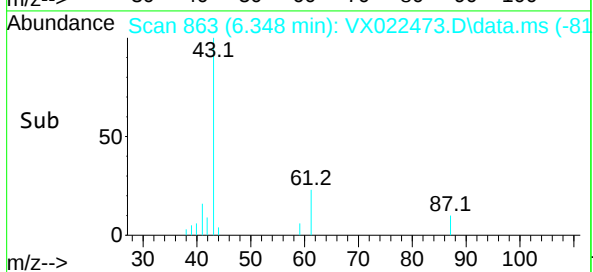
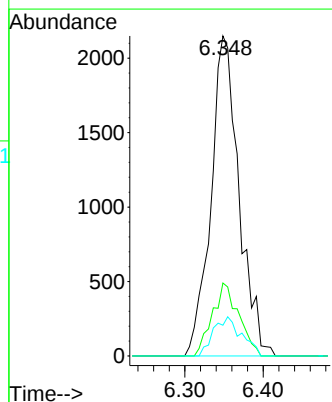
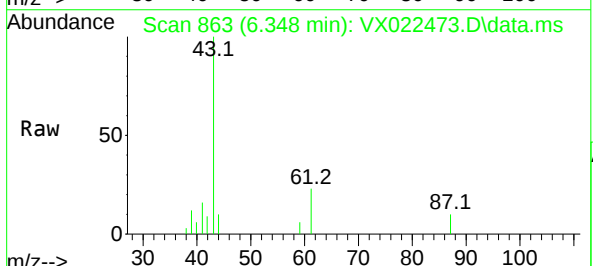
Instrument :
MSVOA_X
ClientSampled :

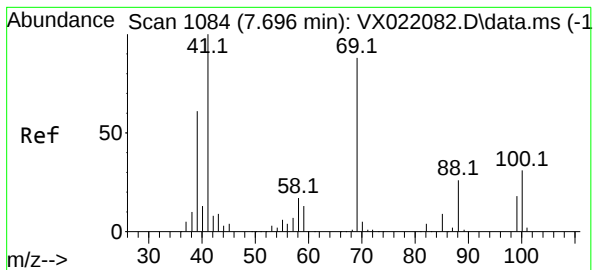
Tgt Ion: 78 Resp: 789
Ion Ratio Lower Upper
78 100
77 0.0 18.9 28.3#



#43
Isopropyl Acetate
Concen: 2.231 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.001 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Tgt Ion: 43 Resp: 5355
Ion Ratio Lower Upper
43 100
61 21.5 18.2 27.4
87 12.3 12.5 18.7#

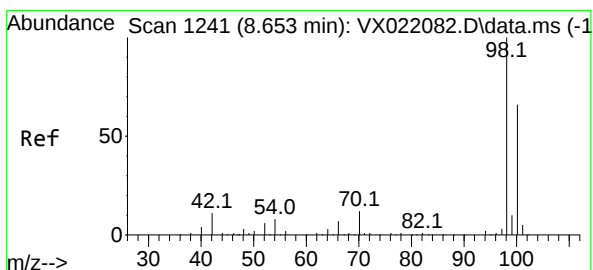
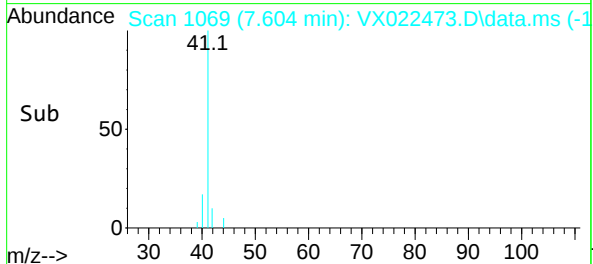
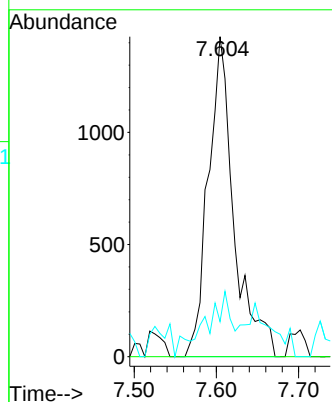
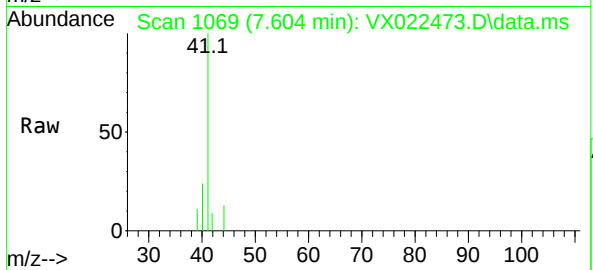




#48
Methyl methacrylate
Concen: 2.808 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

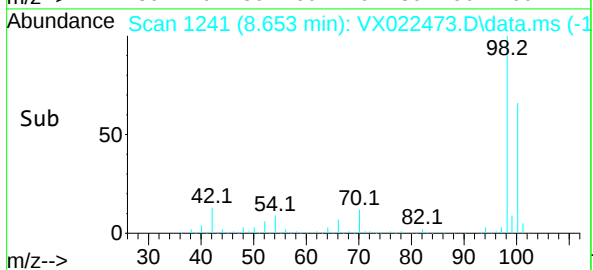
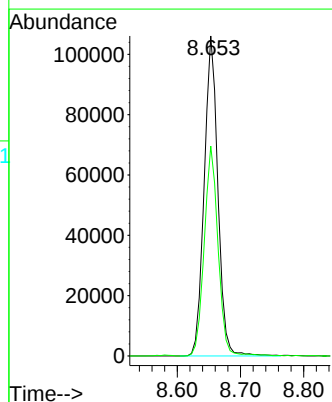
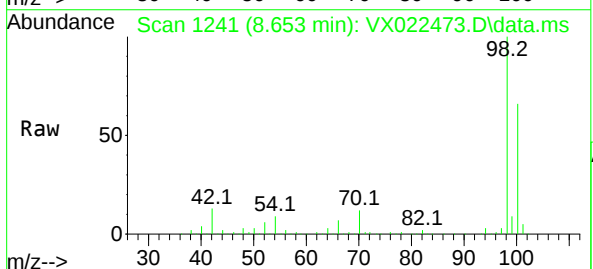
Instrument :
MSVOA_X
ClientSampled :

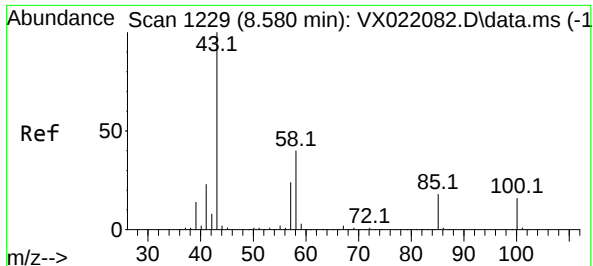
Tgt Ion: 41 Resp: 3106
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 20.1 44.6 67.0#



#50
Toluene-d8
Concen: 50.667 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Tgt Ion: 98 Resp: 160200
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

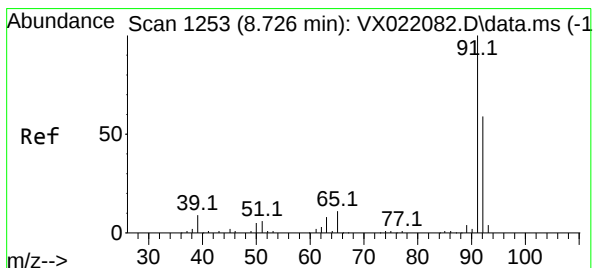
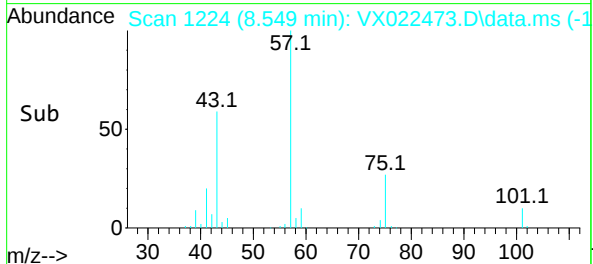
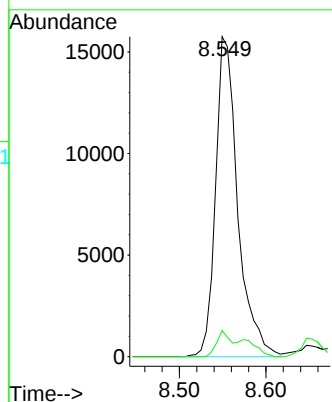
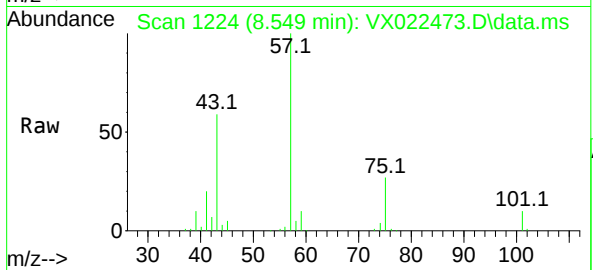




#51
4-Methyl-2-Pentanone
Concen: 19.459 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

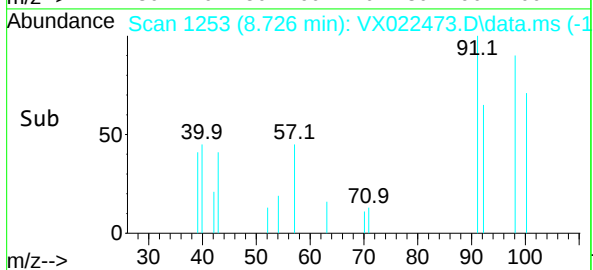
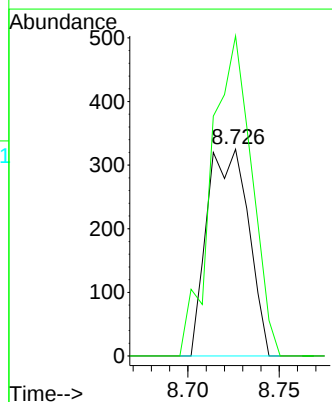
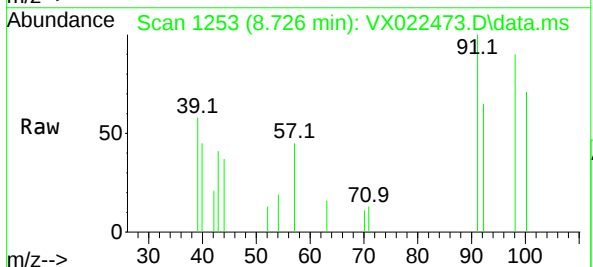
Instrument :
MSVOA_X
ClientSampled :

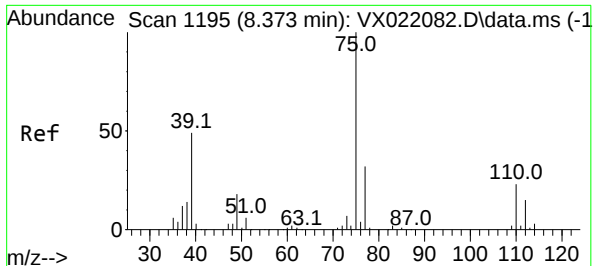
Tgt Ion: 43 Resp: 27972
Ion Ratio Lower Upper
43 100
58 6.0 35.4 53.0#



#52
Toluene
Concen: 0.220 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Tgt Ion: 92 Resp: 513
Ion Ratio Lower Upper
92 100
91 149.9 137.1 205.7

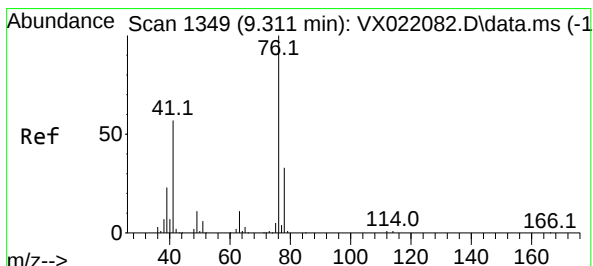
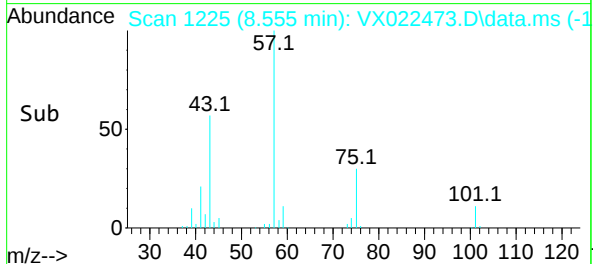
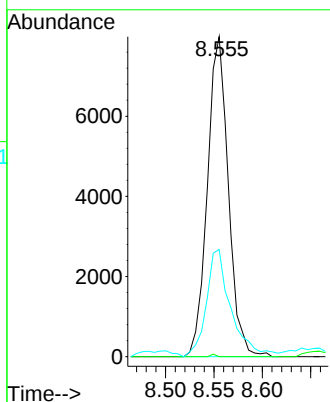
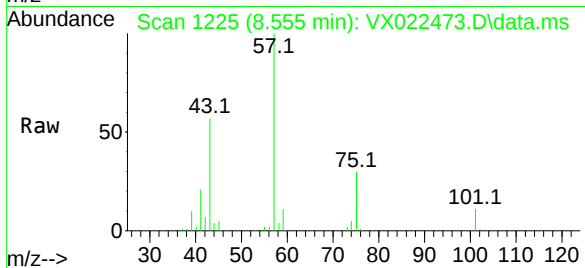




#54
 cis-1,3-Dichloropropene
 Concen: 7.614 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX022473.D
 Acq: 05 Jun 2021 15:45

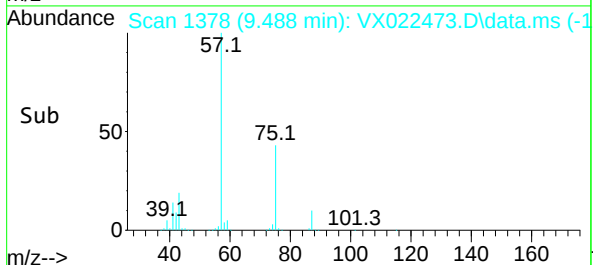
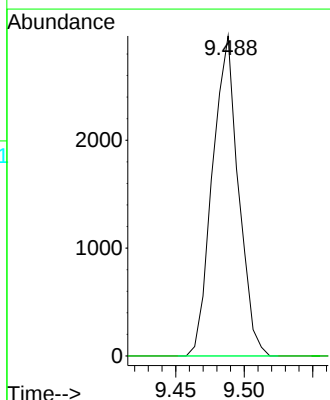
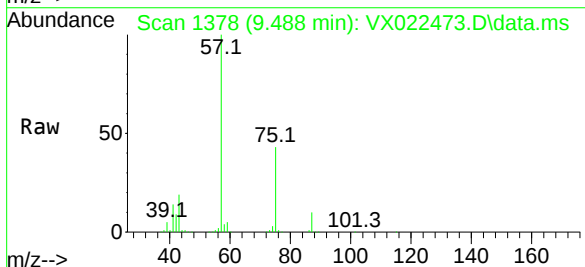
Instrument :
 MSVOA_X
 ClientSampled :

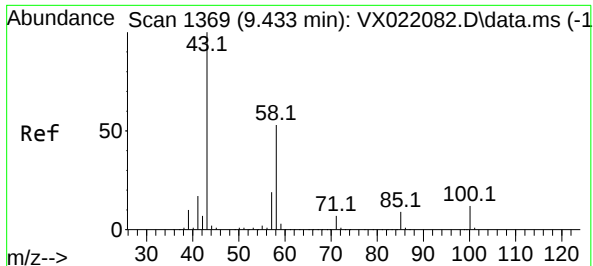
Tgt Ion: 75 Resp: 12050
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#
 39 32.6 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 2.424 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX022473.D
 Acq: 05 Jun 2021 15:45

Tgt Ion: 76 Resp: 3918
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

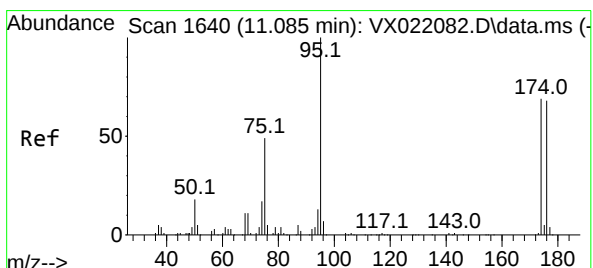
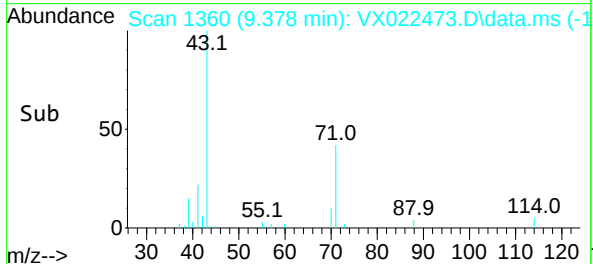
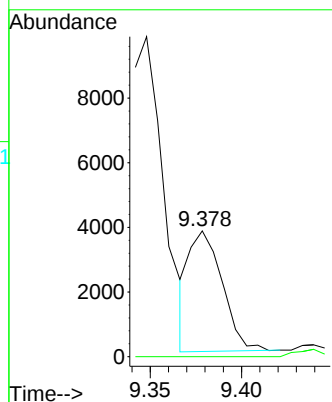
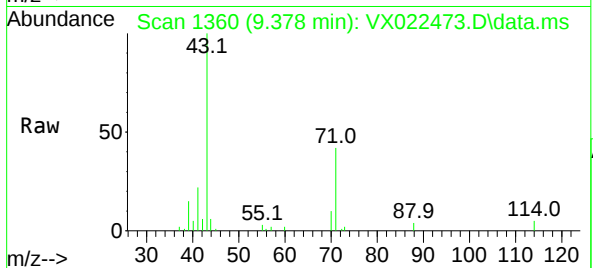




#59
2-Hexanone
Concen: 4.383 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

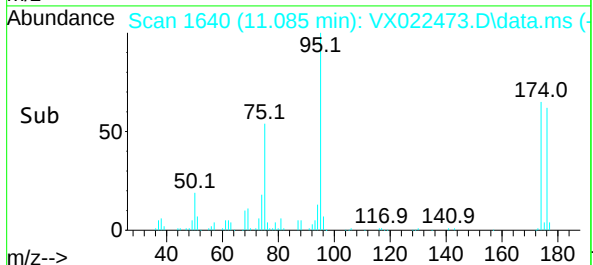
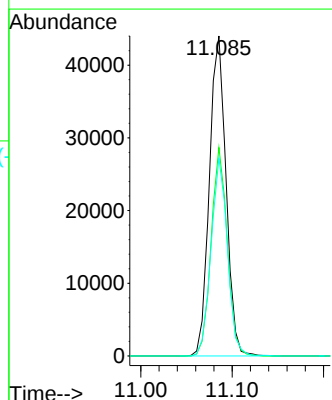
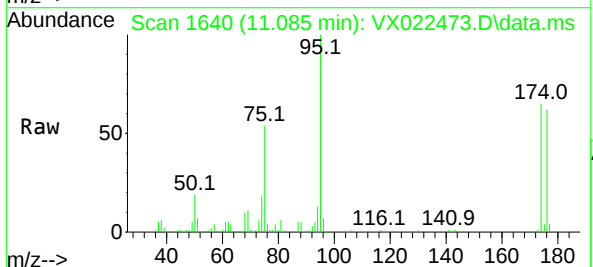
Instrument :
MSVOA_X
ClientSampleId :

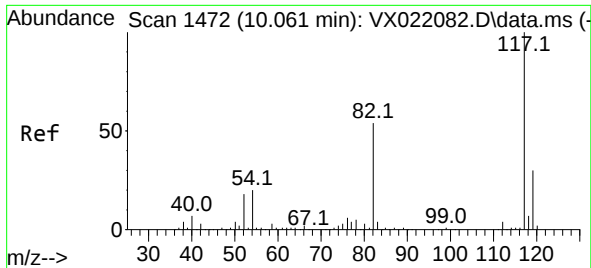
Tgt Ion: 43 Resp: 4739
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.525 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Tgt Ion: 95 Resp: 55541
Ion Ratio Lower Upper
95 100
174 63.0 0.0 154.6
176 60.7 0.0 155.8

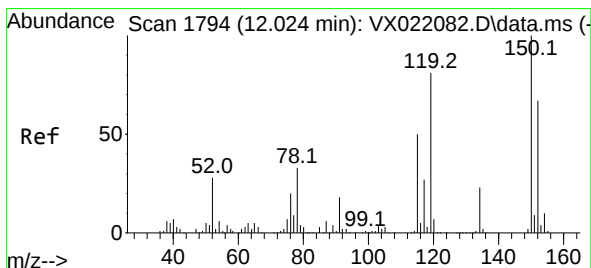
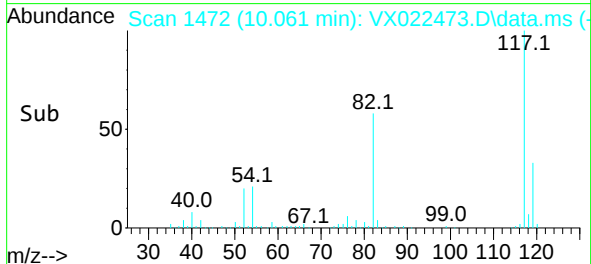
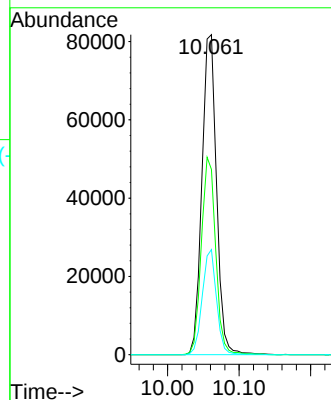
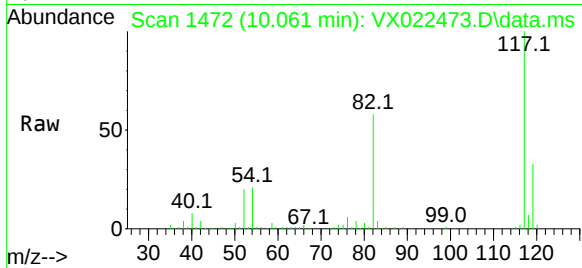




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

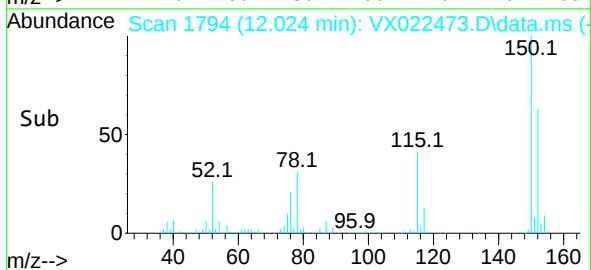
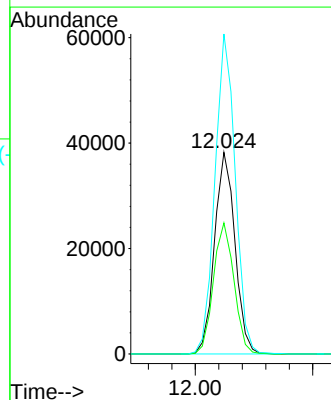
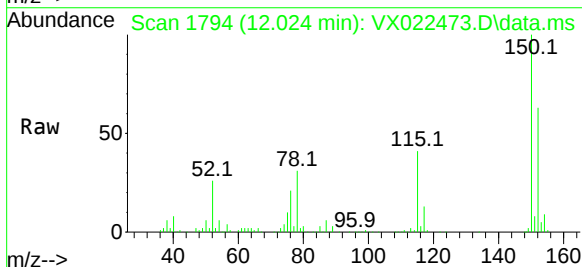
Instrument :
MSVOA_X
ClientSampleId :

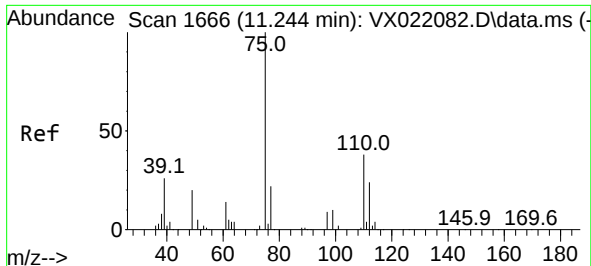
Tgt Ion:117 Resp: 116131
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Tgt Ion:152 Resp: 46227
Ion Ratio Lower Upper
152 100
115 65.3 41.1 123.3
150 157.6 0.0 349.0

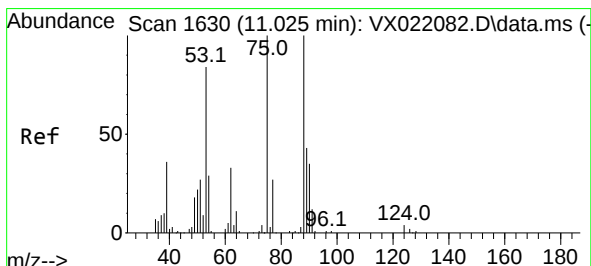
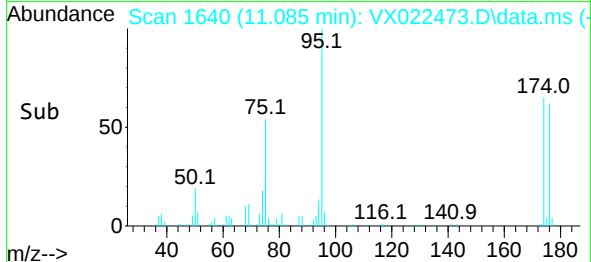
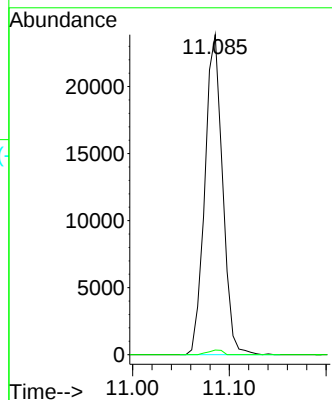
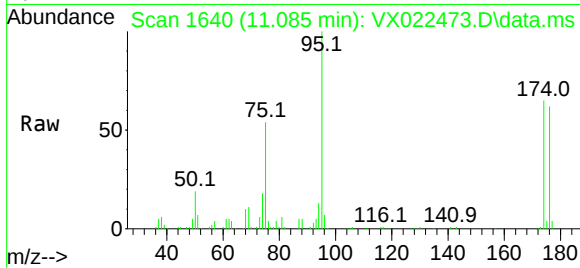




#76
1,2,3-Trichloropropane
Concen: 26.736 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

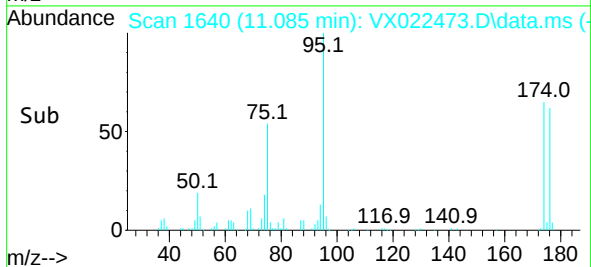
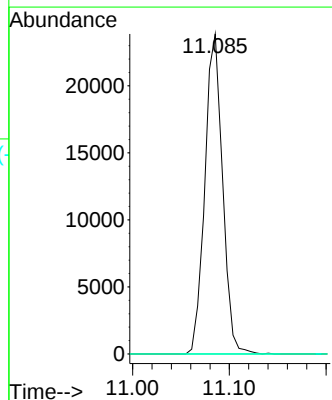
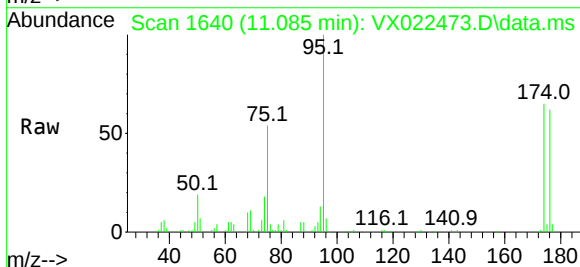
Instrument :
MSVOA_X
ClientSampled :

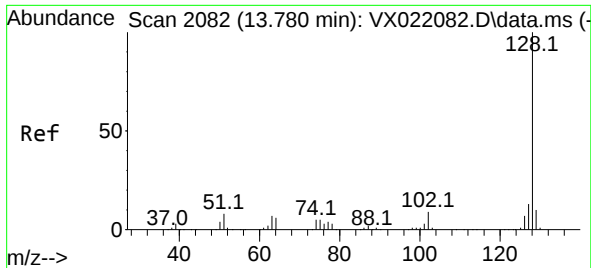
Tgt Ion: 75 Resp: 30490
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.346 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

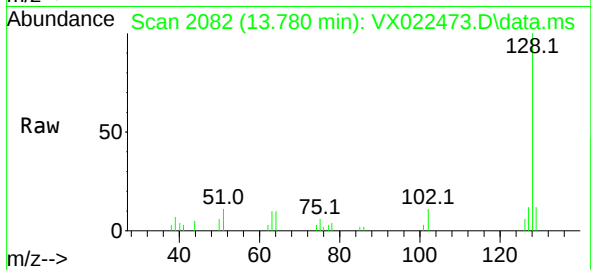
Tgt Ion: 75 Resp: 30490
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.057 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022473.D
Acq: 05 Jun 2021 15:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 3821
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 13.7 8.8 13.2#

