

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010422\
 Data File : VX026295.D
 Acq On : 05 Jan 2022 01:28
 Operator : JC/MD
 Sample : PB141821ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

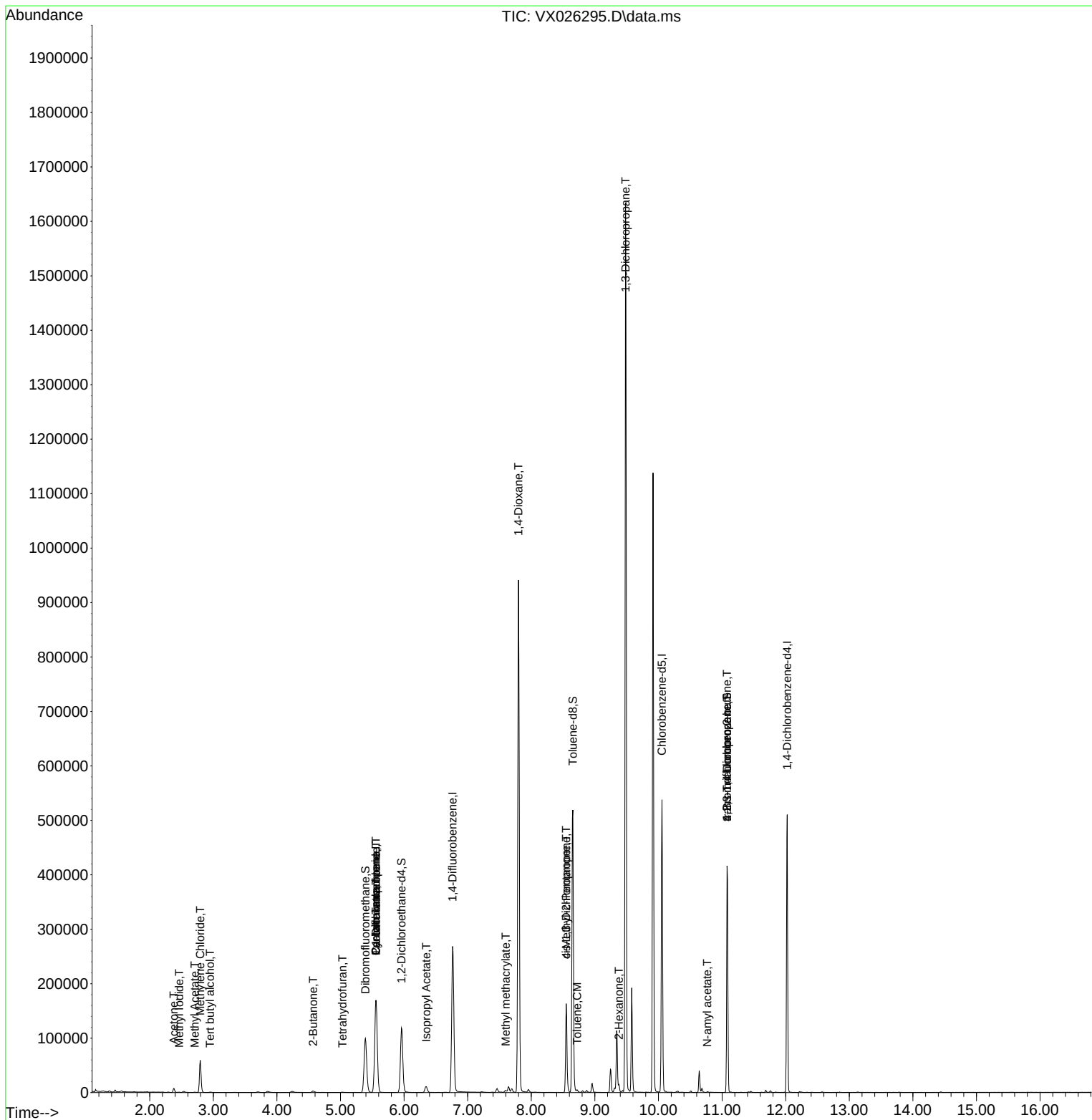
Quant Time: Jan 05 06:42:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

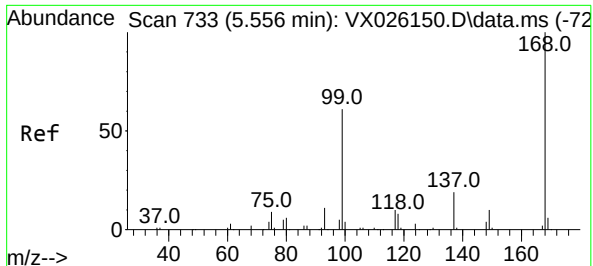
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	152599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116661	52.844	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.680%			
35) Dibromofluoromethane	5.391	113	85683	50.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	8.653	98	305567	48.091	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.180%			
62) 4-Bromofluorobenzene	11.079	95	113166	50.031	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.060%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	563	0.244	ug/l #	86
11) Tert butyl alcohol	2.947	59	763	1.730	ug/l #	73
16) Acetone	2.380	43	8342	6.974	ug/l	97
18) Methyl Acetate	2.709	43	838	0.216	ug/l #	80
20) Methylene Chloride	2.794	84	25390	12.568	ug/l	95
25) 2-Butanone	4.568	43	4843	2.907	ug/l	93
29) Tetrahydrofuran	5.032	42	487	0.464	ug/l #	43
31) Cyclohexane	5.556	56	3596	1.144	ug/l #	27
36) 1,1-Dichloropropene	5.556	75	12990	4.715	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16792	5.479	ug/l #	15
43) Isopropyl Acetate	6.348	43	16263	3.124	ug/l	96
48) Methyl methacrylate	7.598	41	5548	2.222	ug/l #	12
49) 1,4-Dioxane	7.799	88	142	3.086	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	57939	17.882	ug/l #	49
52) Toluene	8.720	92	1315	0.272	ug/l	99
54) cis-1,3-Dichloropropene	8.549	75	24519	7.643	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	13804	4.051	ug/l #	42
59) 2-Hexanone	9.378	43	7593	3.094	ug/l #	25
74) N-amyl acetate	10.768	43	831	0.239	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	60150	25.586	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60150	74.020	ug/l #	10

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

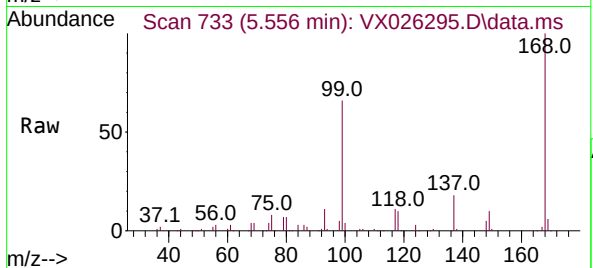
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Quant Title : SW846 8260
QLast Update : Thu Dec 30 08:02:21 2021
Response via : Initial Calibration



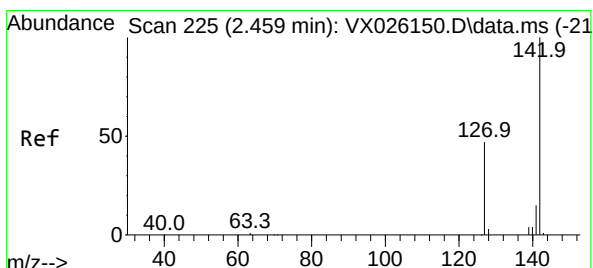
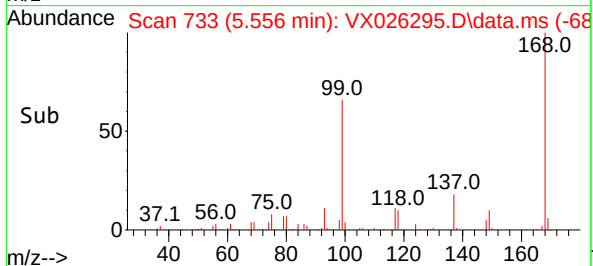
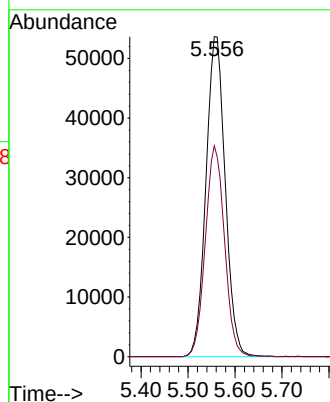


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Instrument :
MSVOA_X
ClientSampleId :

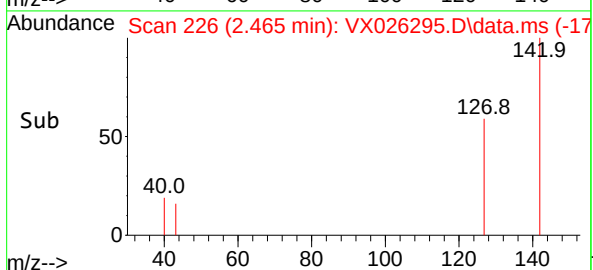
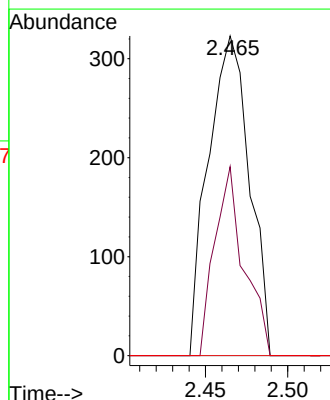
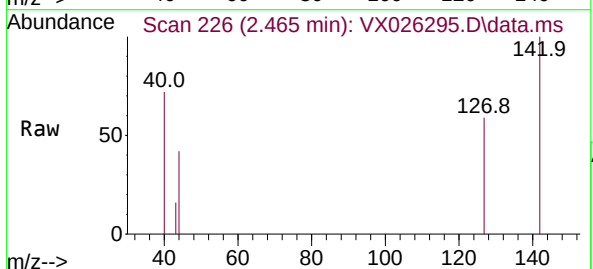


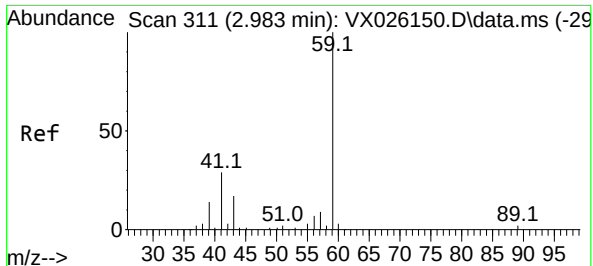
Tgt Ion:168 Resp: 152599
Ion Ratio Lower Upper
168 100
99 65.9 45.8 68.8



#10
Methyl Iodide
Concen: 0.244 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Tgt Ion:142 Resp: 563
Ion Ratio Lower Upper
142 100
127 42.1 37.5 56.3
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 1.730 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.036 min

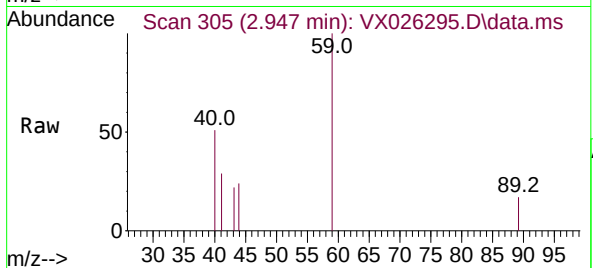
Lab File: VX026295.D

Acq: 05 Jan 2022 01:28

Instrument :

MSVOA_X

ClientSampleId :

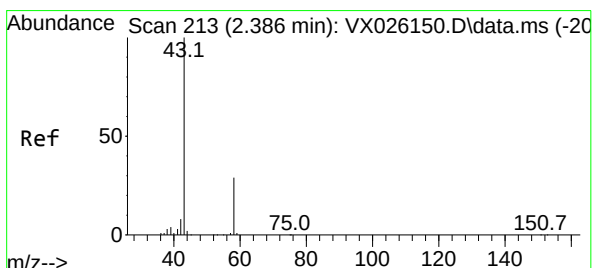
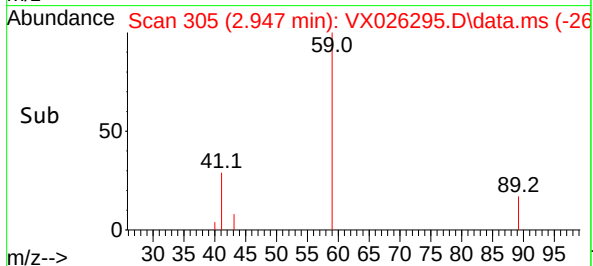
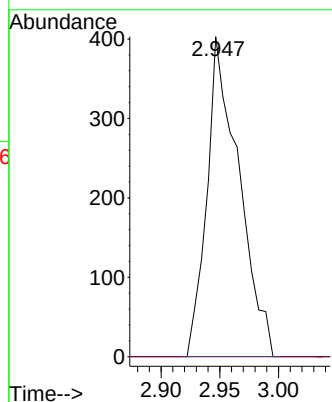


Tgt Ion: 59 Resp: 763

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 6.974 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX026295.D

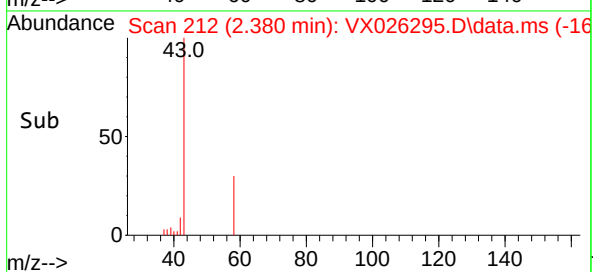
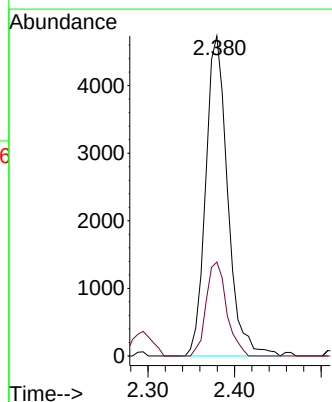
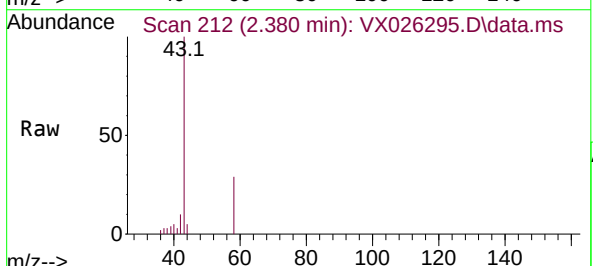
Acq: 05 Jan 2022 01:28

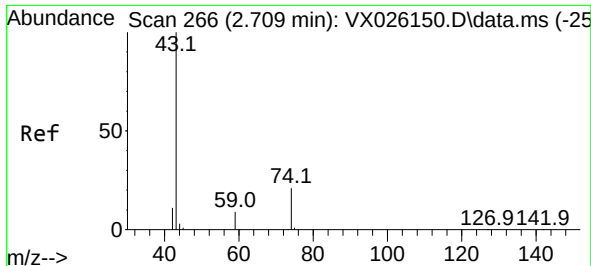
Tgt Ion: 43 Resp: 8342

Ion Ratio Lower Upper

43 100

58 29.4 24.8 37.2





#18

Methyl Acetate

Concen: 0.216 ug/l

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

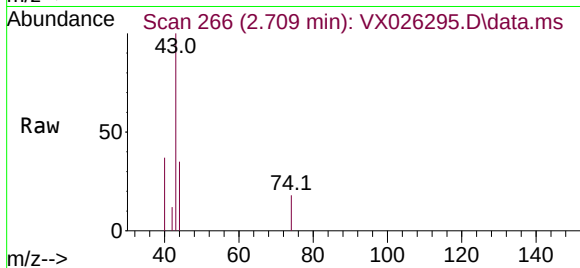
Lab File: VX026295.D

Acq: 05 Jan 2022 01:28

Instrument :

MSVOA_X

ClientSampleId :

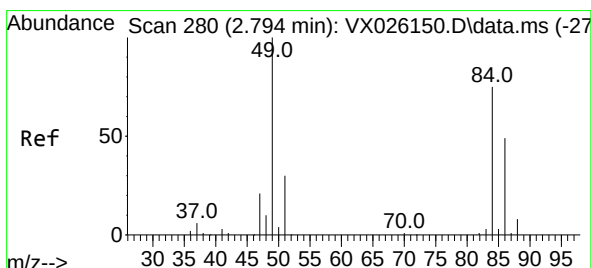
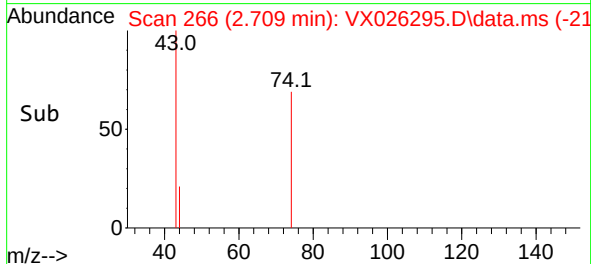
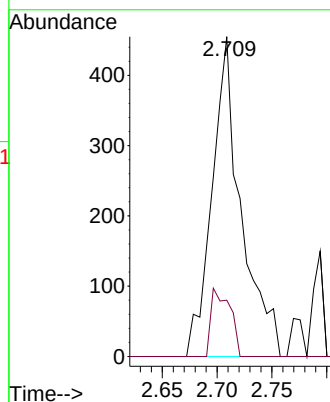


Tgt Ion: 43 Resp: 838

Ion Ratio Lower Upper

43 100

74 13.8 19.1 28.7#



#20

Methylene Chloride

Concen: 12.568 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX026295.D

Acq: 05 Jan 2022 01:28

Tgt Ion: 84 Resp: 25390

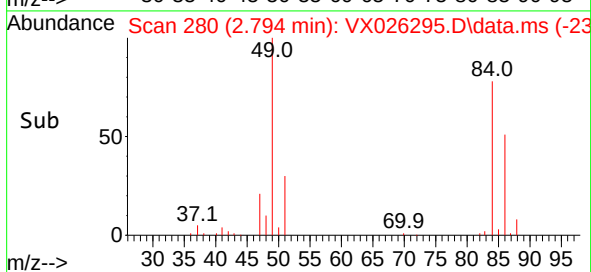
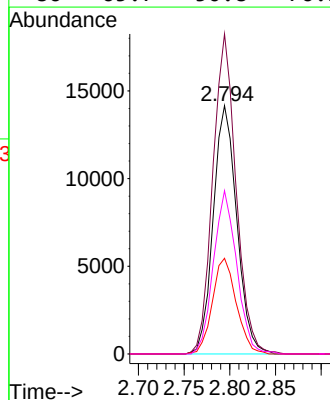
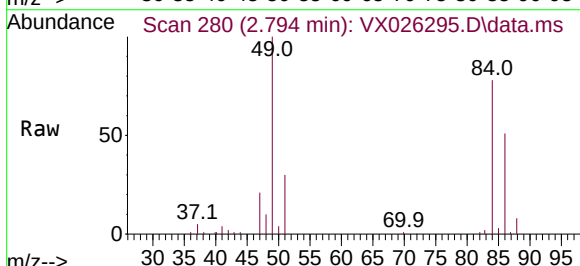
Ion Ratio Lower Upper

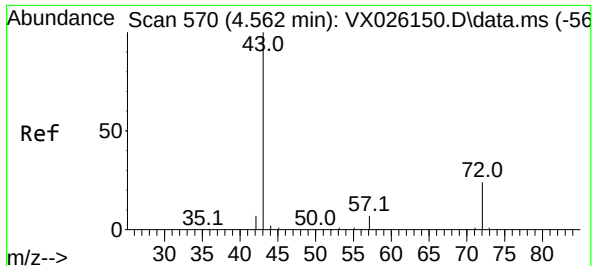
84 100

49 128.8 97.1 145.7

51 38.5 29.3 43.9

86 65.7 50.8 76.2

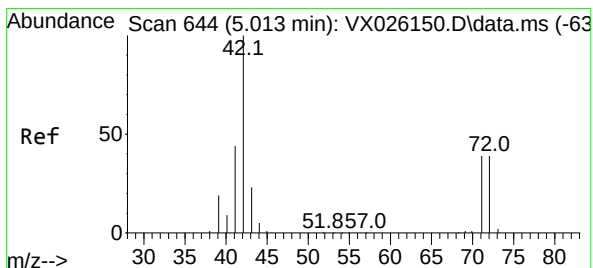
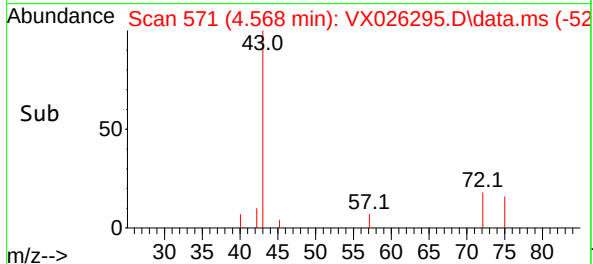
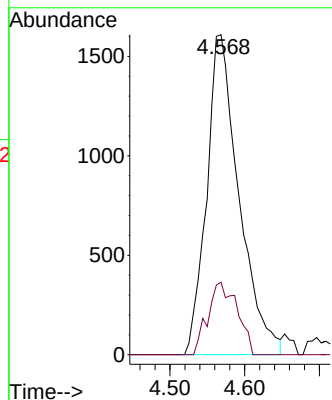
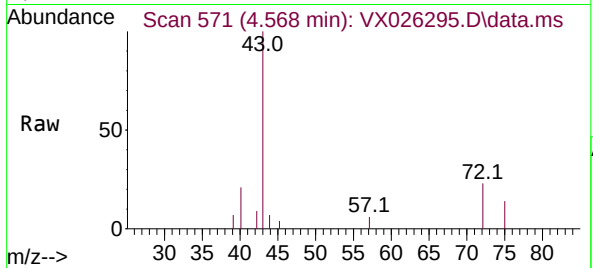




#25
2-Butanone
Concen: 2.907 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

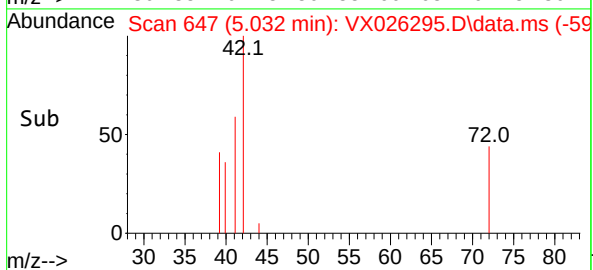
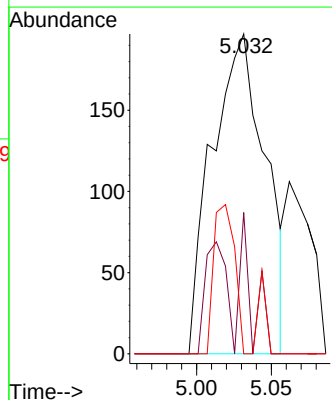
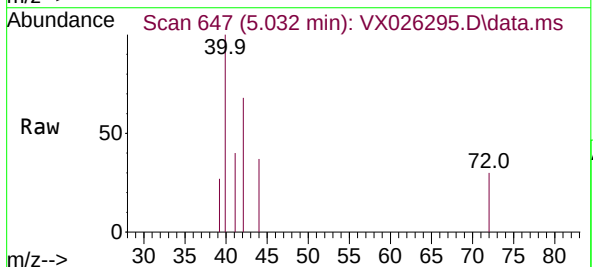
Instrument :
MSVOA_X
ClientSampleId :

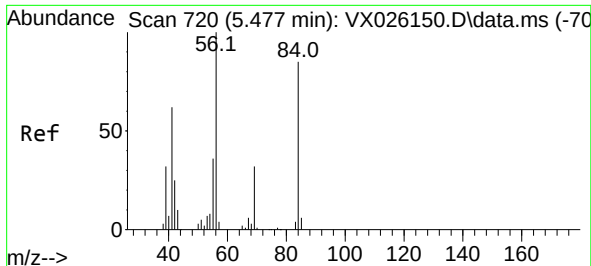
Tgt Ion: 43 Resp: 4843
Ion Ratio Lower Upper
43 100
72 22.7 21.0 31.4



#29
Tetrahydrofuran
Concen: 0.464 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

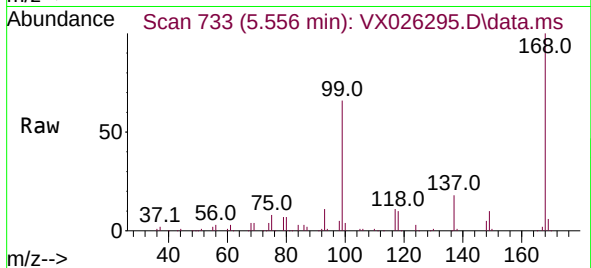
Tgt Ion: 42 Resp: 487
Ion Ratio Lower Upper
42 100
72 10.3 37.0 55.6#
71 3.9 34.1 51.1#



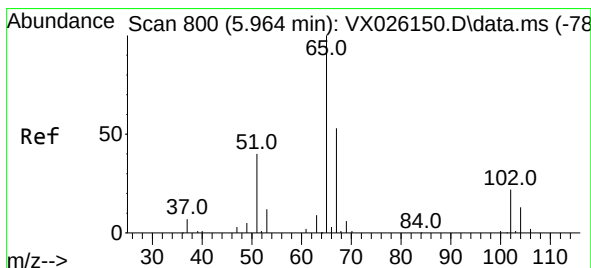
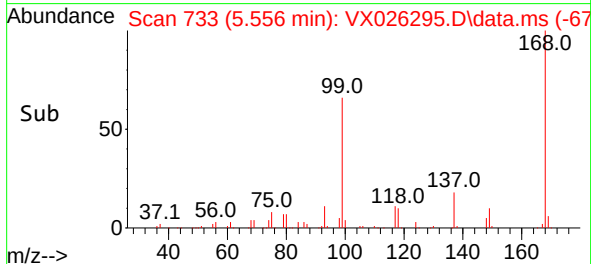
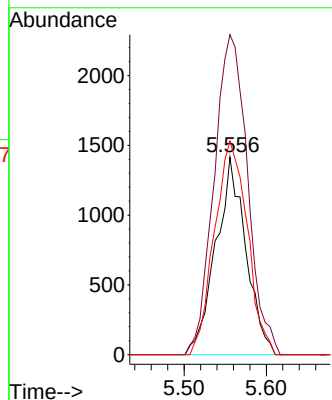


#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Instrument :
MSVOA_X
ClientSampleId :

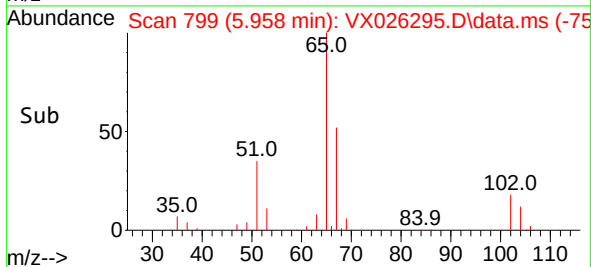
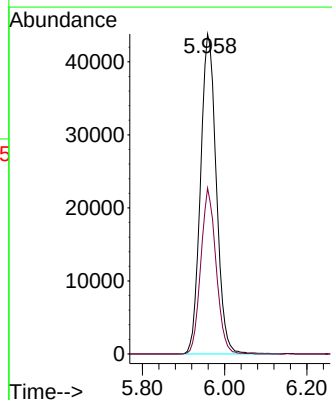
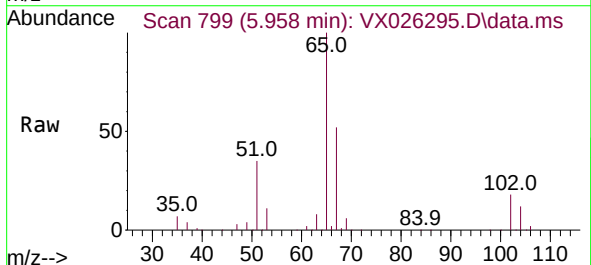


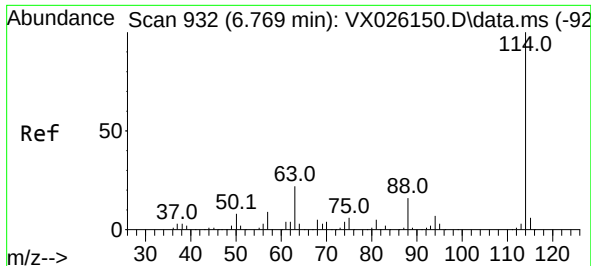
Tgt Ion: 56 Resp: 3596
Ion Ratio Lower Upper
56 100
69 162.0 23.9 35.9#
84 108.1 73.2 109.8



#33
1,2-Dichloroethane-d4
Concen: 52.844 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Tgt Ion: 65 Resp: 116661
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.4

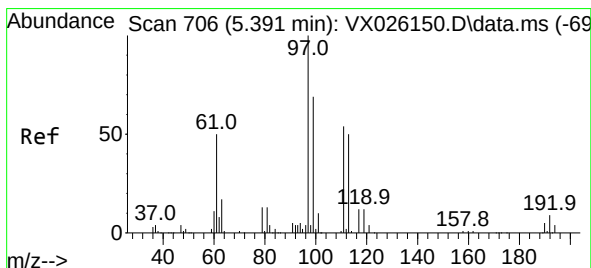
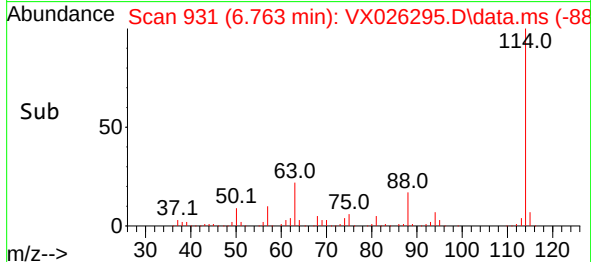
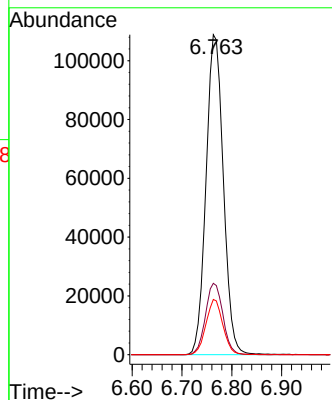
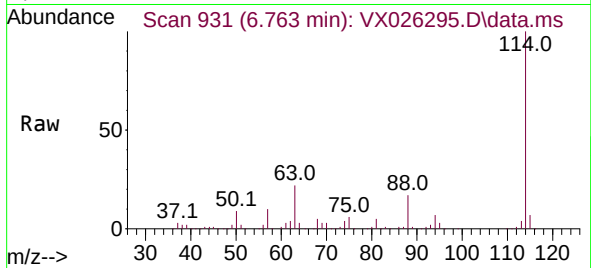




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

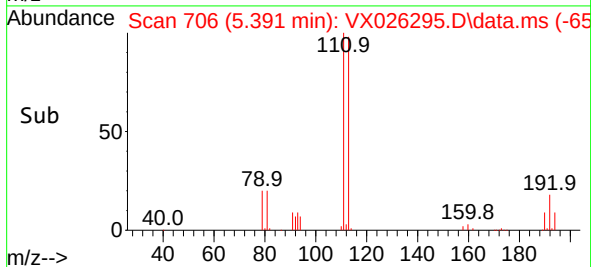
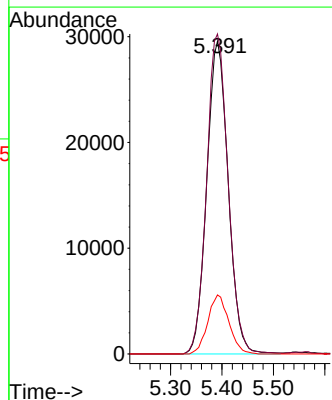
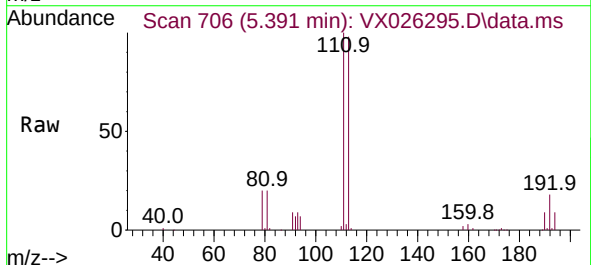
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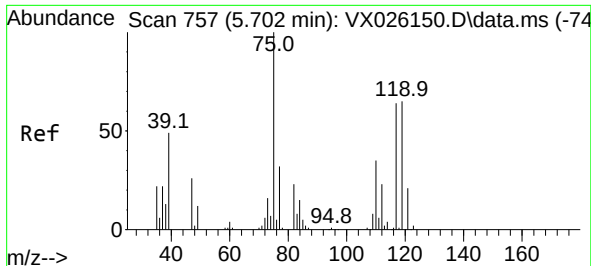
Tgt Ion:114 Resp: 262749
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.0
88 17.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.159 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Tgt Ion:113 Resp: 85683
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 18.5 15.0 22.4

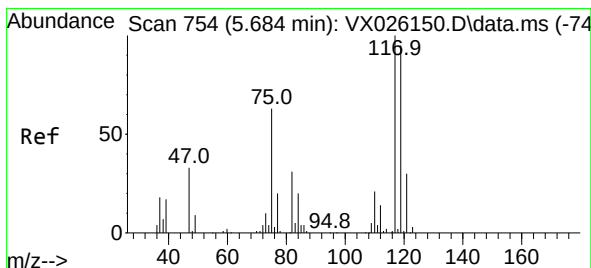
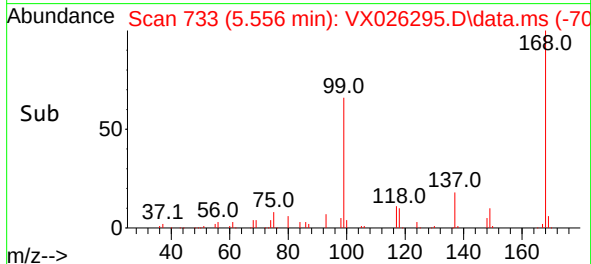
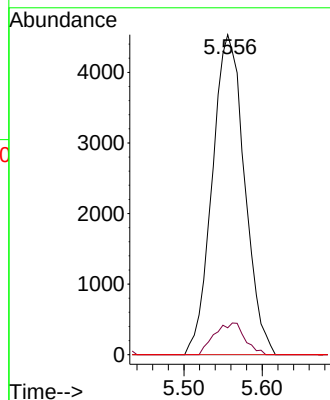
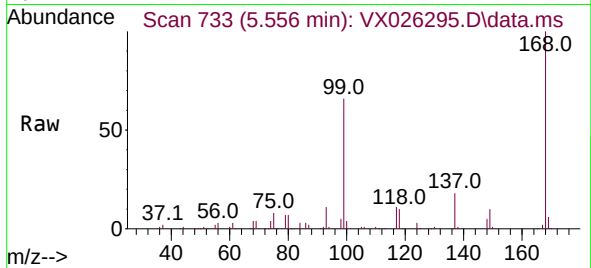




#36
1,1-Dichloropropene
Concen: 4.715 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

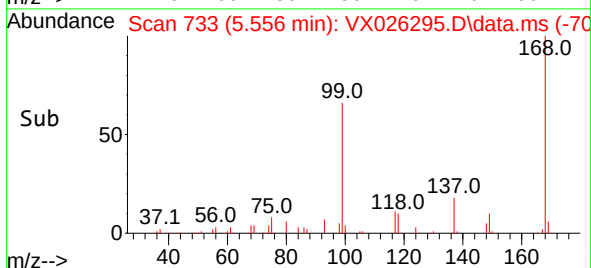
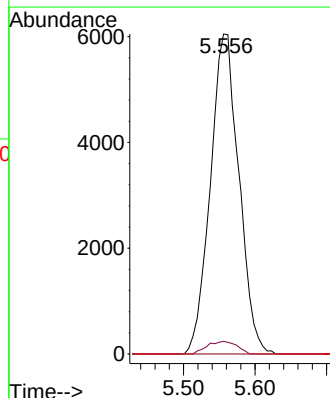
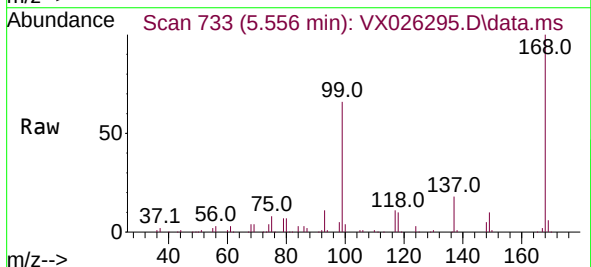
Instrument :
MSVOA_X
ClientSampleId :

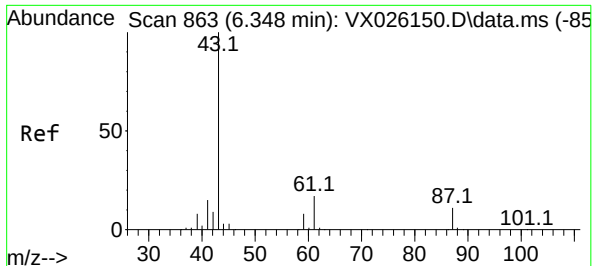
Tgt Ion: 75 Resp: 12990
Ion Ratio Lower Upper
75 100
110 9.3 18.2 54.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Tgt Ion: 117 Resp: 16792
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 23.8 35.8#

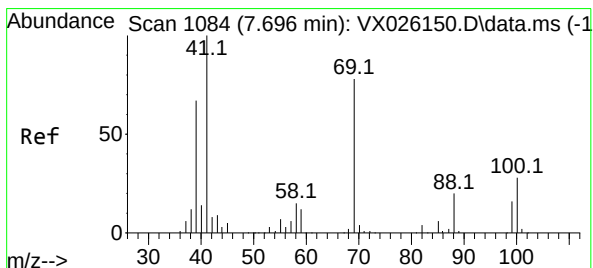
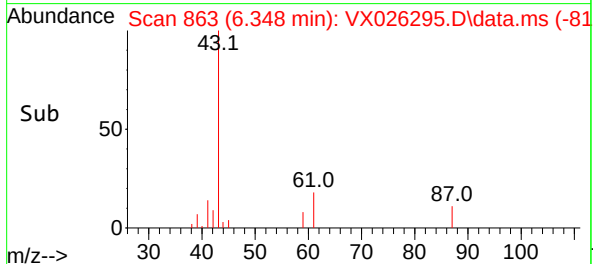
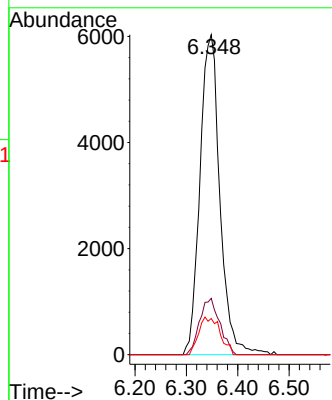
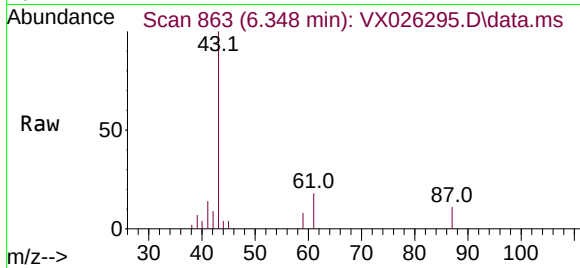




#43
Isopropyl Acetate
Concen: 3.124 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

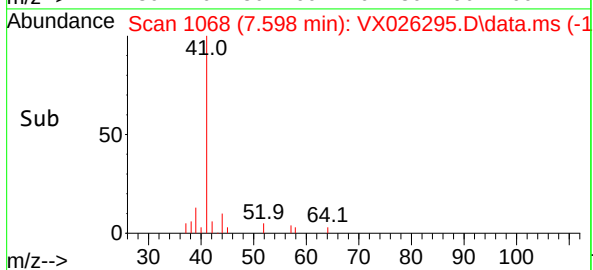
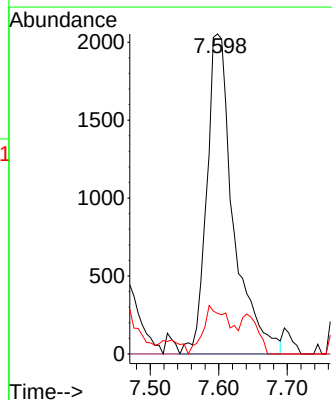
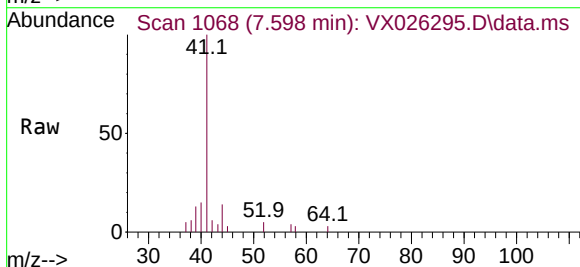
Instrument :
MSVOA_X
ClientSampleId :

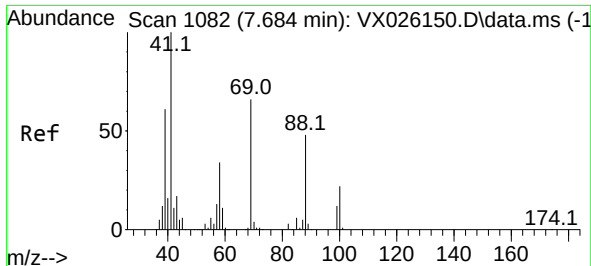
Tgt Ion: 43 Resp: 16263
Ion Ratio Lower Upper
43 100
61 17.8 15.7 23.5
87 12.5 11.2 16.8



#48
Methyl methacrylate
Concen: 2.222 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Tgt Ion: 41 Resp: 5548
Ion Ratio Lower Upper
41 100
69 0.0 67.3 100.9#
39 0.0 50.2 75.2#





#49

1,4-Dioxane

Concen: 3.086 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.115 min

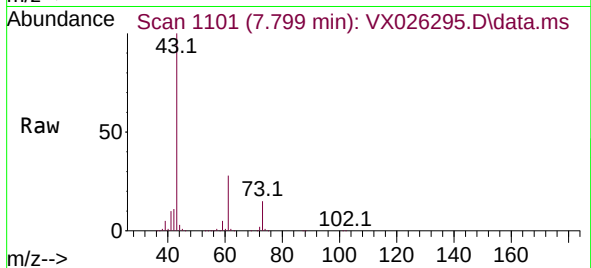
Lab File: VX026295.D

Acq: 05 Jan 2022 01:28

Instrument :

MSVOA_X

ClientSampleId :



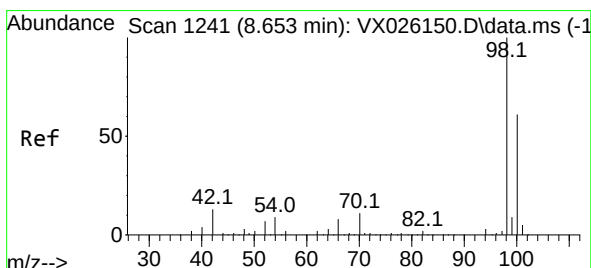
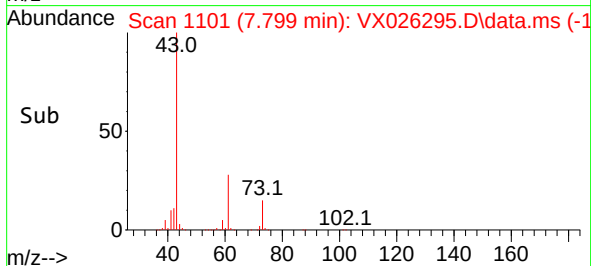
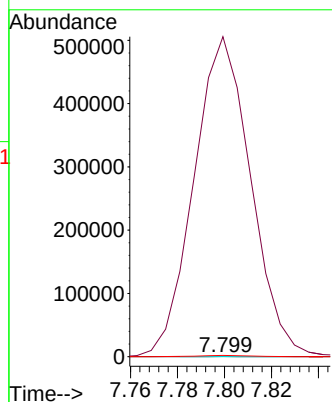
Tgt Ion: 88 Resp: 142

Ion Ratio Lower Upper

88 100

43 603917.6 25.3 37.9#

58 2254.2 51.8 77.6#



#50

Toluene-d8

Concen: 48.091 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026295.D

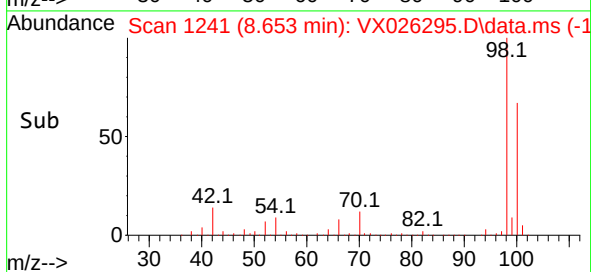
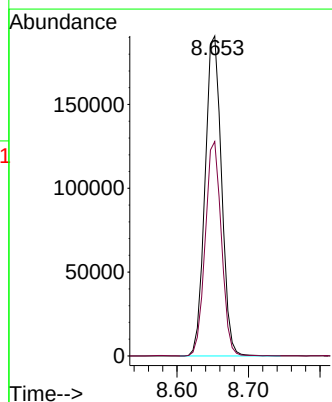
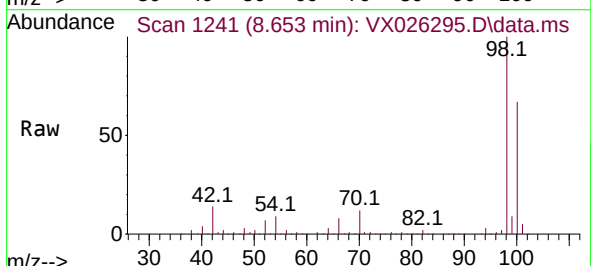
Acq: 05 Jan 2022 01:28

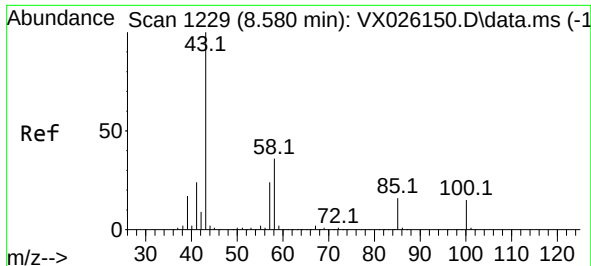
Tgt Ion: 98 Resp: 305567

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8

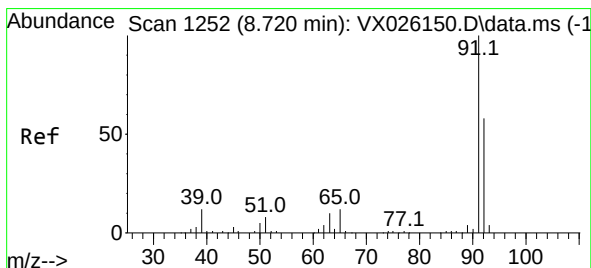
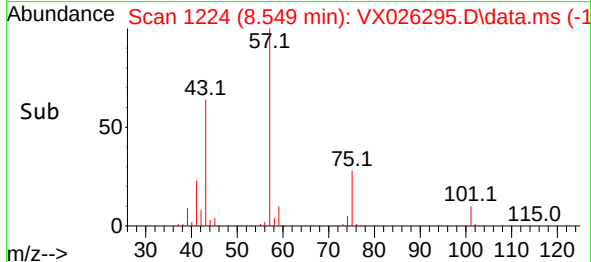
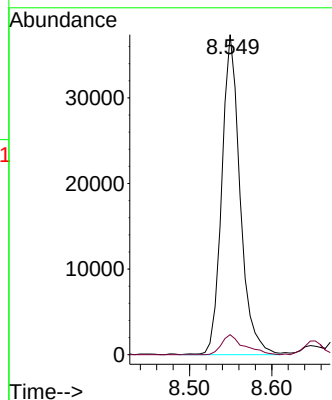
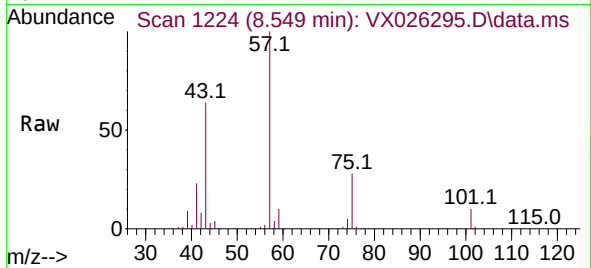




#51
4-Methyl-2-Pentanone
Concen: 17.882 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

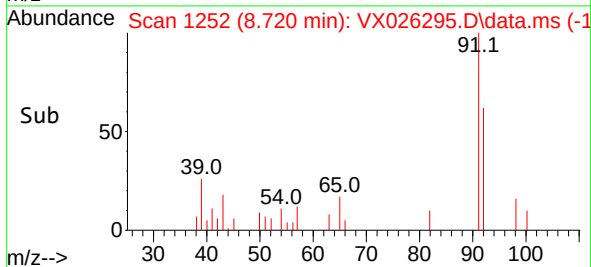
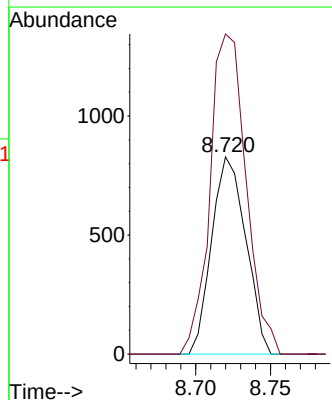
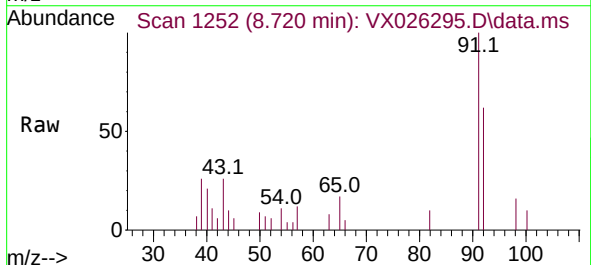
Instrument :
MSVOA_X
ClientSampleId :

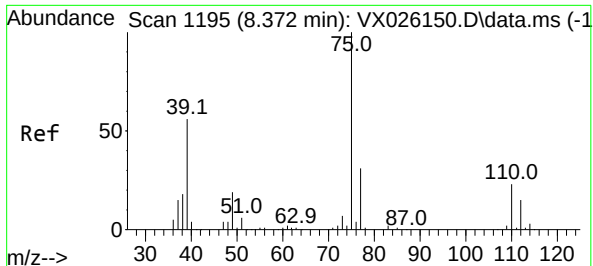
Tgt Ion: 43 Resp: 57939
Ion Ratio Lower Upper
43 100
58 7.5 30.8 46.2#



#52
Toluene
Concen: 0.272 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Tgt Ion: 92 Resp: 1315
Ion Ratio Lower Upper
92 100
91 171.7 136.0 204.0

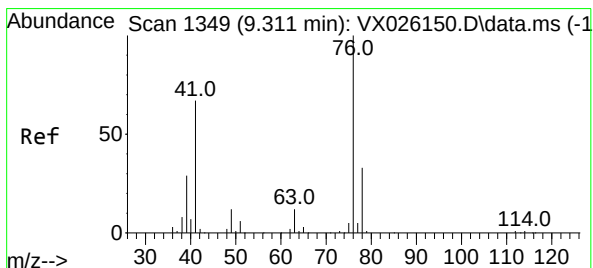
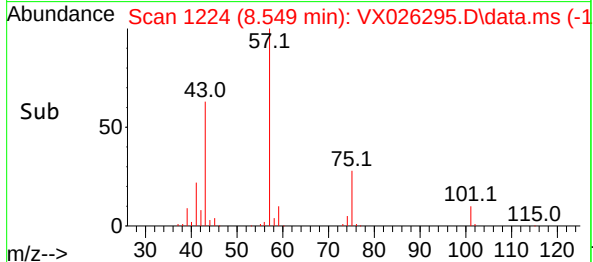
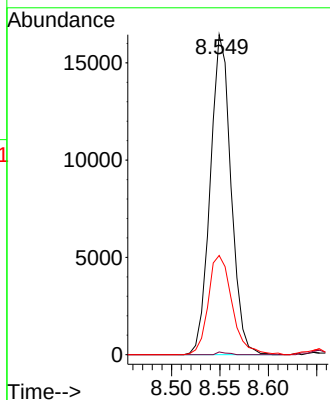
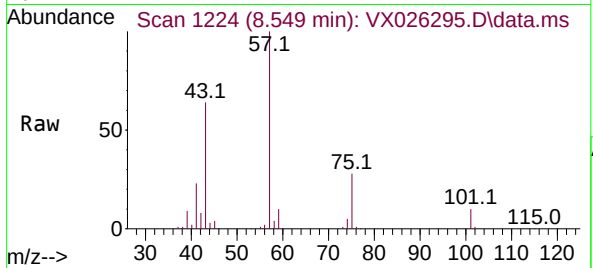




#54
 cis-1,3-Dichloropropene
 Concen: 7.643 ug/l
 RT: 8.549 min Scan# 1195
 Delta R.T. 0.177 min
 Lab File: VX026295.D
 Acq: 05 Jan 2022 01:28

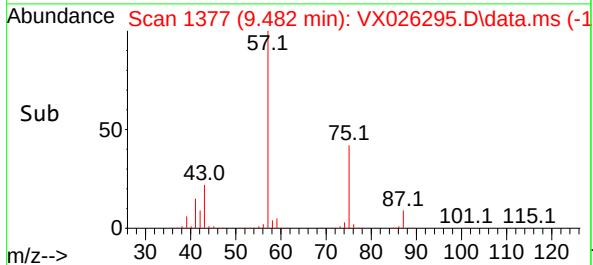
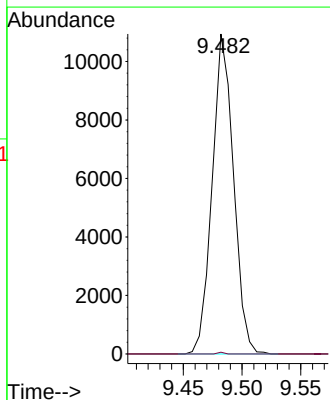
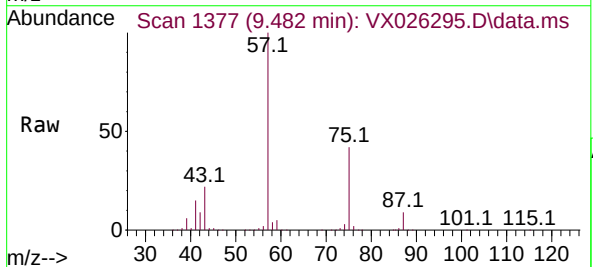
Instrument :
 MSVOA_X
 ClientSampleId :

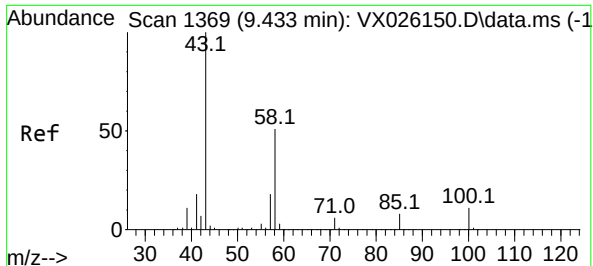
Tgt Ion: 75 Resp: 24519
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.3 37.9#
 39 31.0 41.4 62.0#



#57
 1,3-Dichloropropane
 Concen: 4.051 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026295.D
 Acq: 05 Jan 2022 01:28

Tgt Ion: 76 Resp: 13804
 Ion Ratio Lower Upper
 76 100
 78 0.2 26.0 39.0#

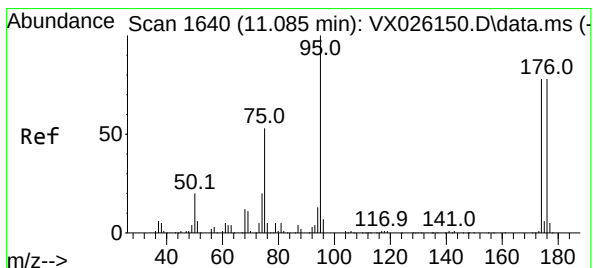
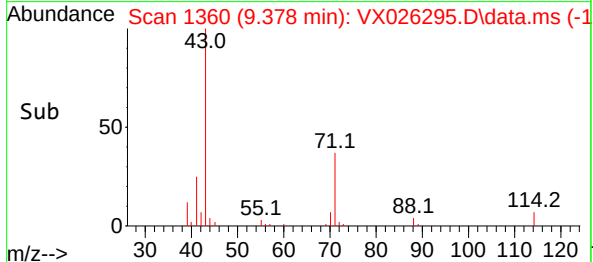
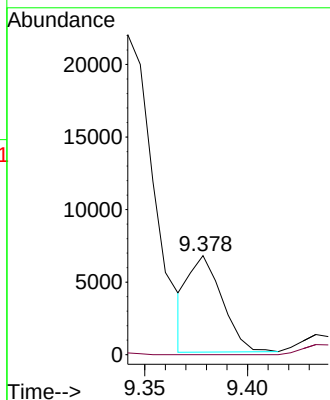
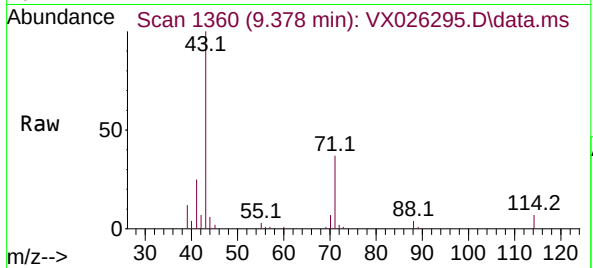




#59
2-Hexanone
Concen: 3.094 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.055 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

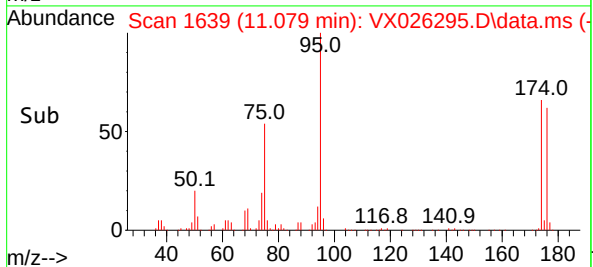
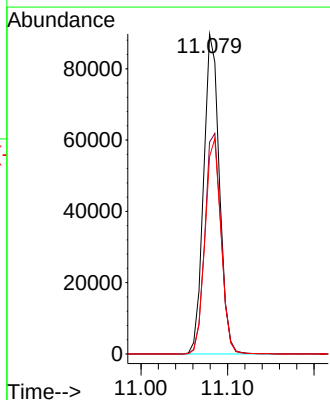
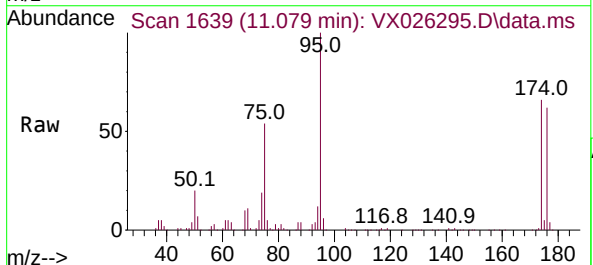
Instrument :
MSVOA_X
ClientSampleId :

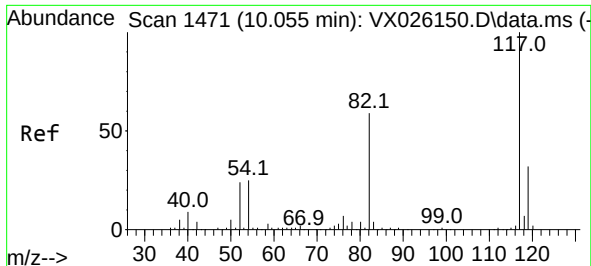
Tgt Ion: 43 Resp: 7593
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.6#



#62
4-Bromofluorobenzene
Concen: 50.031 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Tgt Ion: 95 Resp: 113166
Ion Ratio Lower Upper
95 100
174 71.0 0.0 157.4
176 68.5 0.0 154.6

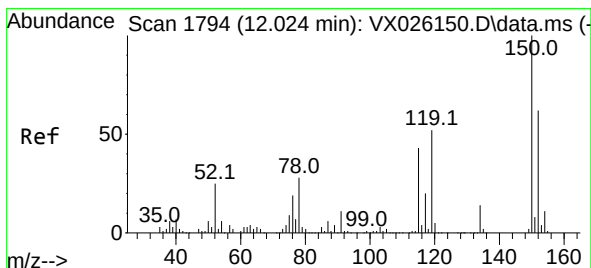
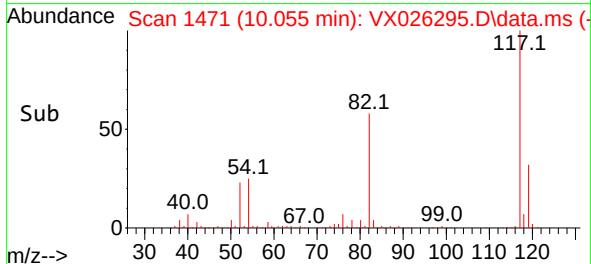
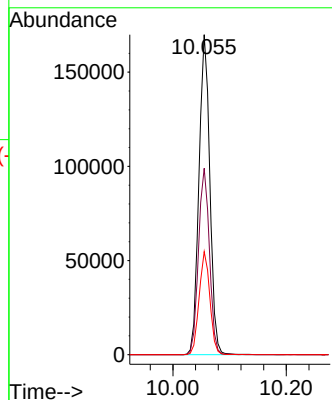
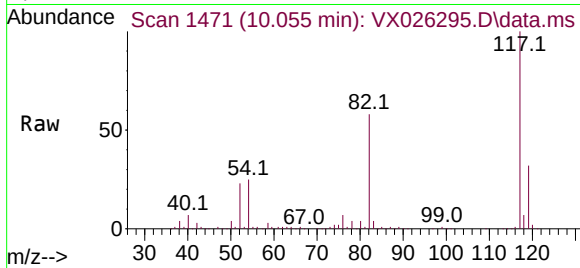




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

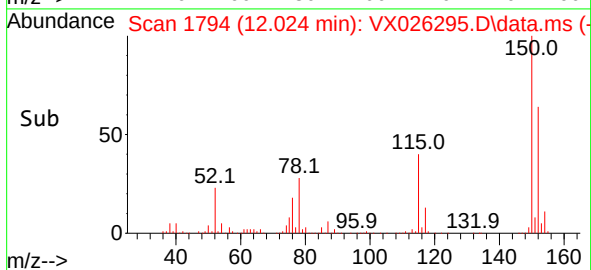
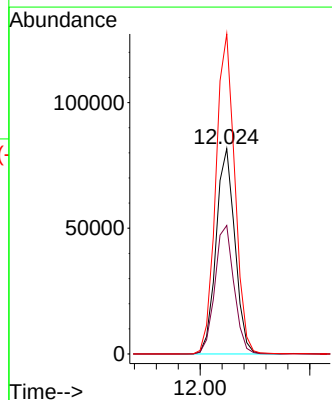
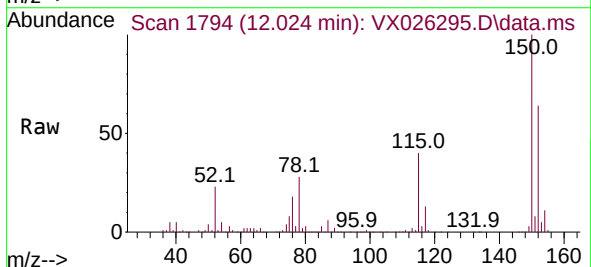
Instrument :
MSVOA_X
ClientSampleId :

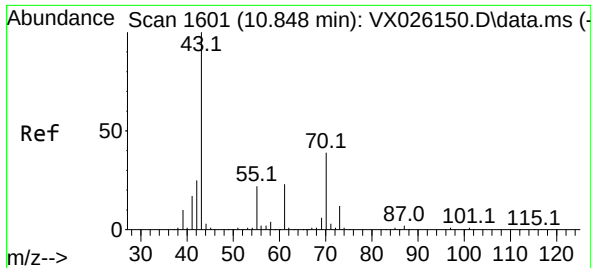
Tgt Ion:117 Resp: 226062
Ion Ratio Lower Upper
117 100
82 58.2 43.8 65.6
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Tgt Ion:152 Resp: 97396
Ion Ratio Lower Upper
152 100
115 63.7 41.3 123.9
150 157.0 0.0 351.8



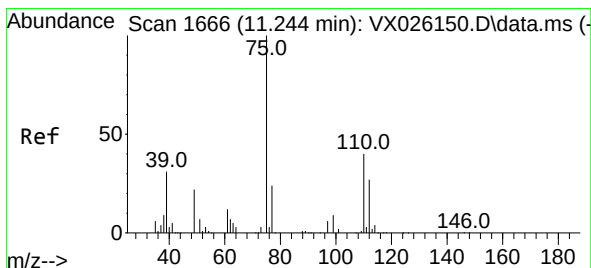
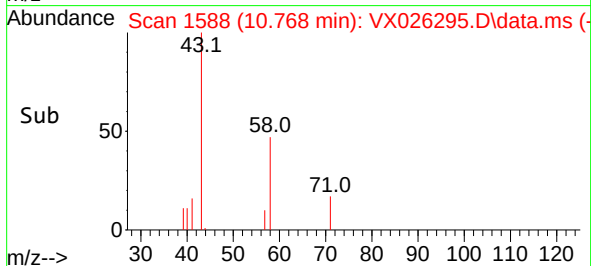
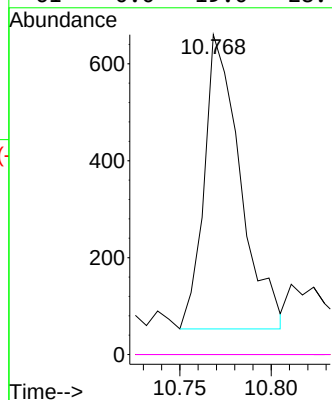
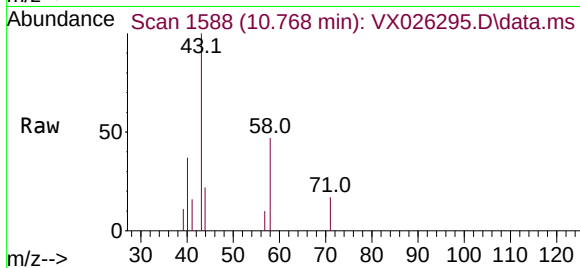


#74
N-amy1 acetate
Concen: 0.239 ug/l
RT: 10.768 min Scan# 1639
Delta R.T. -0.080 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 831

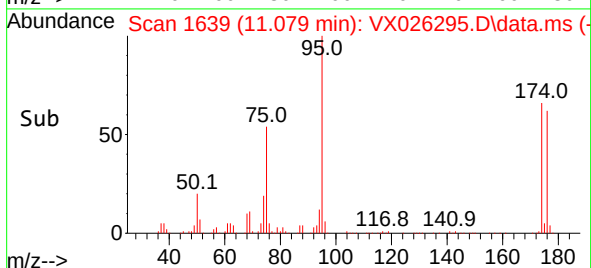
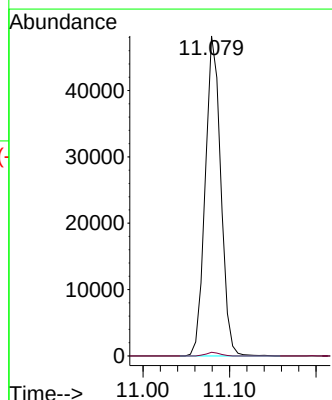
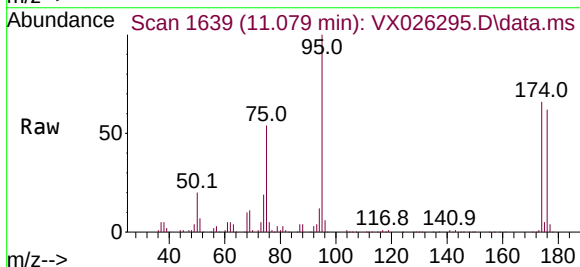
Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.1	51.1#
55	0.0	19.2	28.8#
61	0.0	19.0	28.4#

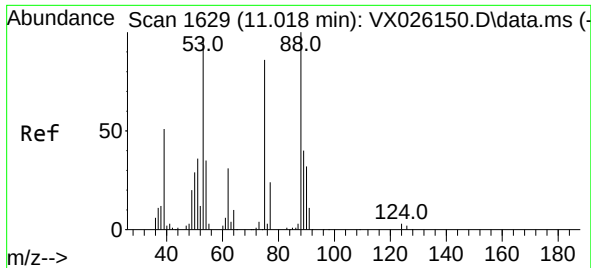


#76
1,2,3-Trichloropropane
Concen: 25.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026295.D
Acq: 05 Jan 2022 01:28

Tgt Ion: 75 Resp: 60150

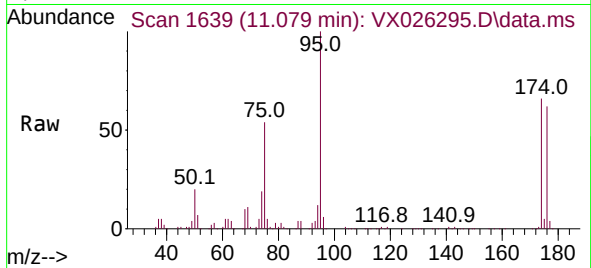
Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.0	57.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.020 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026295.D
 Acq: 05 Jan 2022 01:28

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 60150
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.5 119.3#
 89 0.0 38.3 57.5#

