

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039482.D
 Acq On : 26 Dec 2023 20:46
 Operator : JC/MD
 Sample : PB158014ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

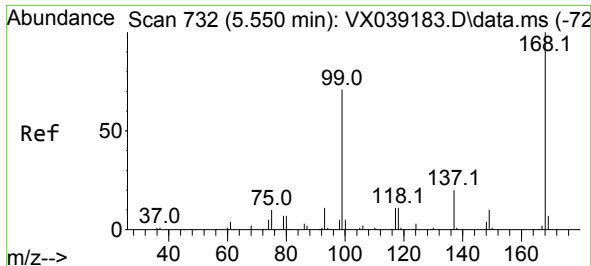
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 04:44:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

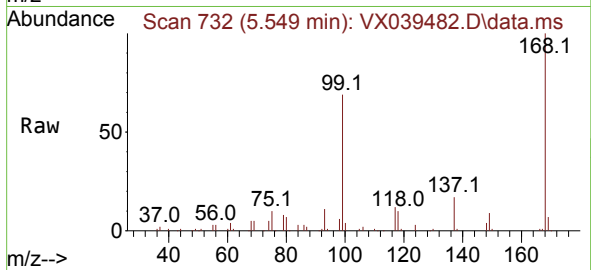
Internal Standards						
1) Pentafluorobenzene	5.549	168	85054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183808	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77606	49.807	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.620%
35) Dibromofluoromethane	5.385	113	59775	47.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.140%
50) Toluene-d8	8.646	98	241270	51.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.360%
62) 4-Bromofluorobenzene	11.079	95	104860	53.910	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.820%
Target Compounds						
					Qvalue	
6) Chloroethane	1.678	64	312	0.420	ug/l #	43
11) Tert butyl alcohol	2.952	59	2573	6.576	ug/l #	78
16) Acetone	2.379	43	33993	15.634	ug/l	95
18) Methyl Acetate	2.708	43	1489	0.442	ug/l	96
20) Methylene Chloride	2.788	84	6405	4.931	ug/l	91
25) 2-Butanone	4.568	43	8055	5.991	ug/l	99
29) Tetrahydrofuran	5.019	42	4967	6.689	ug/l	93
31) Cyclohexane	5.555	56	2364	1.175	ug/l #	29
36) 1,1-Dichloropropene	5.549	75	8527	4.255	ug/l #	51
37) Ethyl Acetate	4.739	43	2251	0.909	ug/l #	94
38) Carbon Tetrachloride	5.555	117	9941	5.198	ug/l #	14
41) Methacrylonitrile	5.013	41	2794	2.115	ug/l #	53
43) Isopropyl Acetate	6.336	43	108030	26.835	ug/l	99
48) Methyl methacrylate	7.799	41	99931	42.460	ug/l #	48
49) 1,4-Dioxane	7.665	88	18	0.567	ug/l #	12
51) 4-Methyl-2-Pentanone	8.549	43	85390	33.290	ug/l #	46
53) t-1,3-Dichloropropene	8.951	75	593	0.263	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	33479	13.822	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	4421	1.790	ug/l #	42
59) 2-Hexanone	9.372	43	94244	42.573	ug/l #	26
65) Chlorobenzene	10.079	112	937	0.216	ug/l	93
74) N-amyl acetate	10.640	43	21222	5.883	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	58901	24.637	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	58901	69.501	ug/l #	5

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

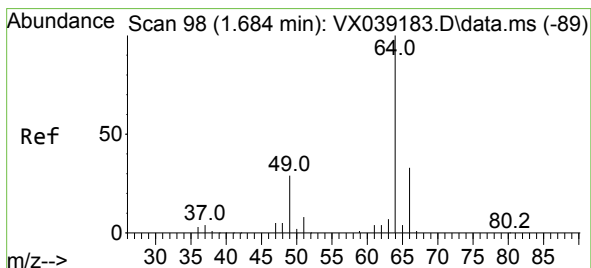
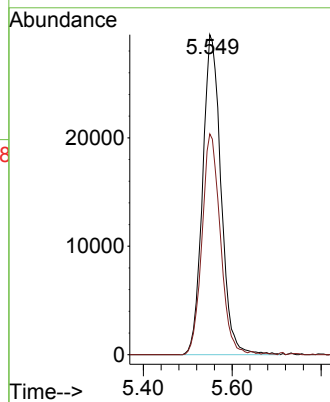
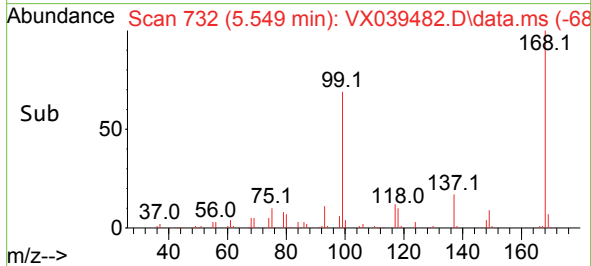


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :

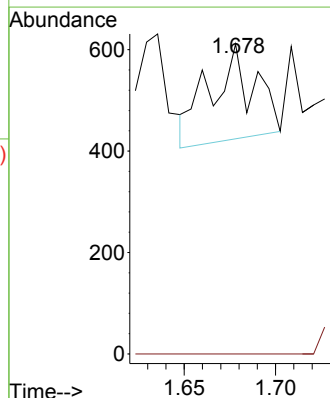
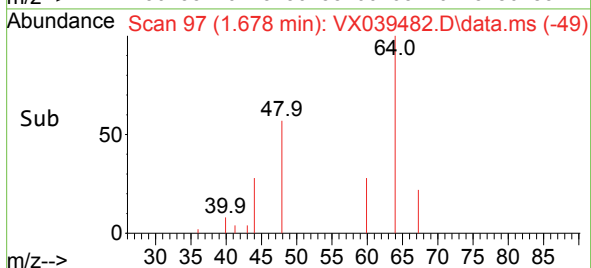
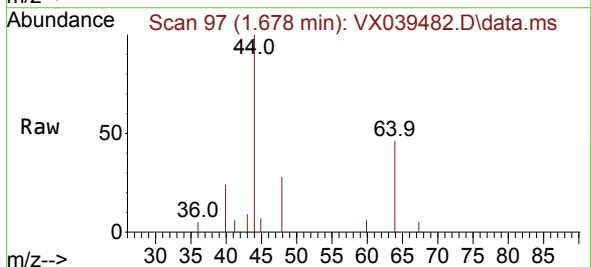


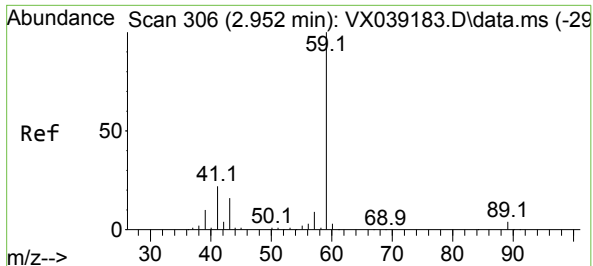
Tgt Ion:168 Resp: 85054
Ion Ratio Lower Upper
168 100
99 69.0 56.6 85.0



#6
Chloroethane
Concen: 0.420 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Tgt Ion: 64 Resp: 312
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 6.576 ug/l

RT: 2.952 min Scan# 306

Delta R.T. -0.000 min

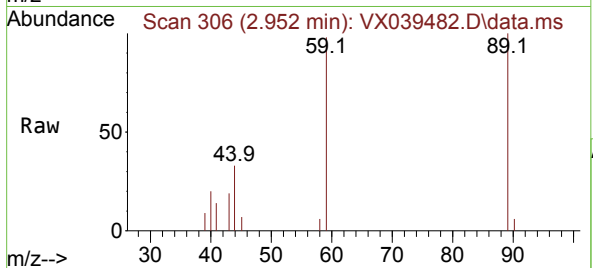
Lab File: VX039482.D

Acq: 26 Dec 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

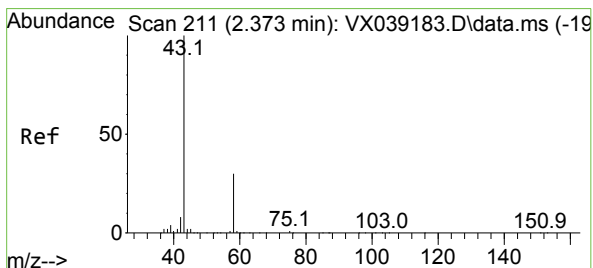
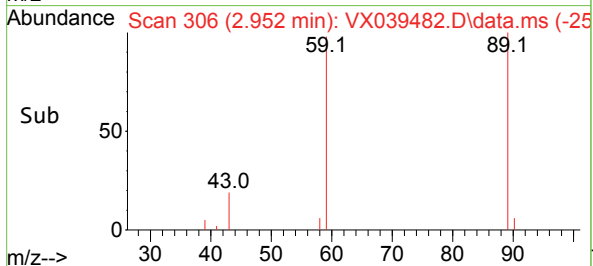
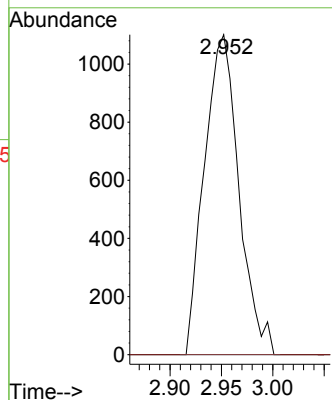


Tgt Ion: 59 Resp: 2573

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 15.634 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX039482.D

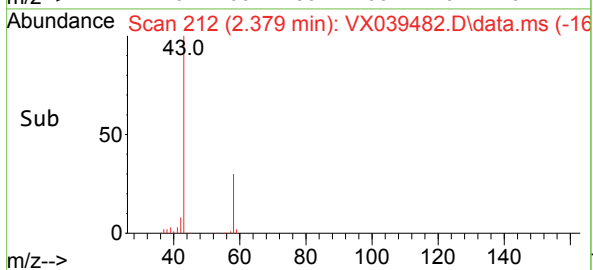
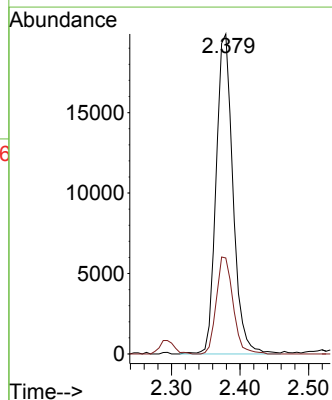
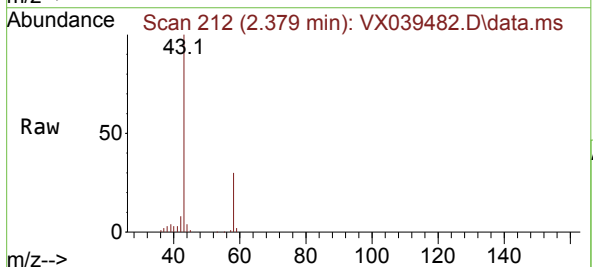
Acq: 26 Dec 2023 20:46

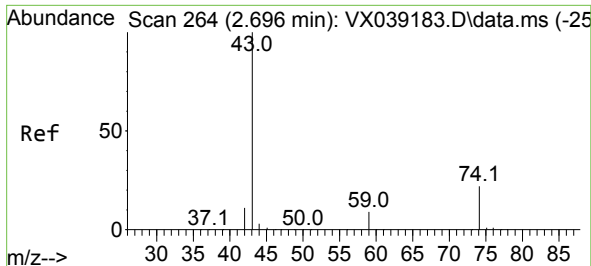
Tgt Ion: 43 Resp: 33993

Ion Ratio Lower Upper

43 100

58 30.0 21.9 32.9

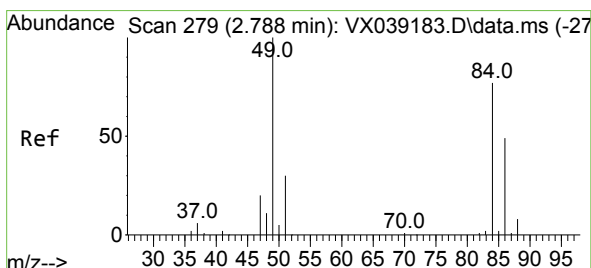
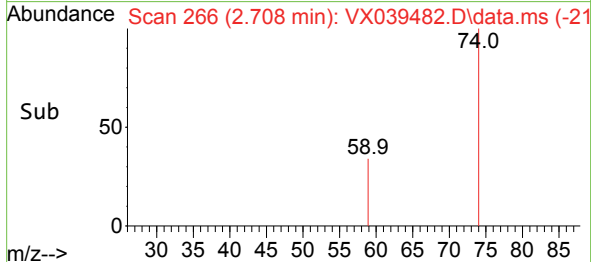
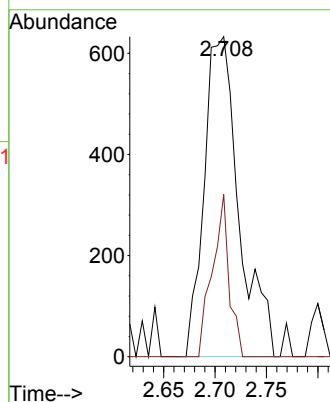
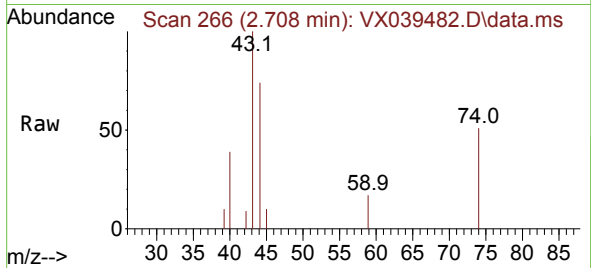




#18
Methyl Acetate
Concen: 0.442 ug/l
RT: 2.708 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

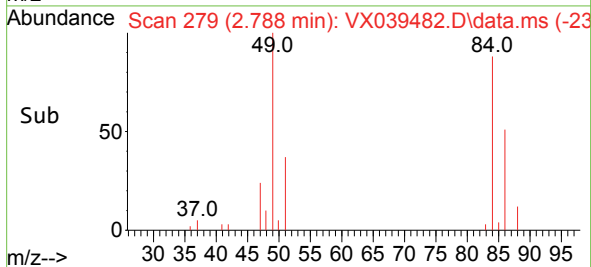
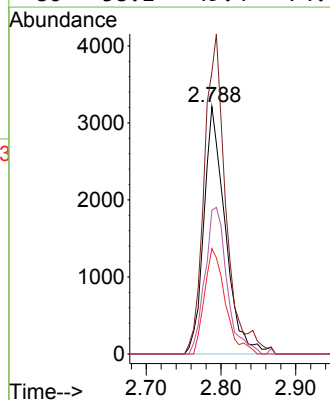
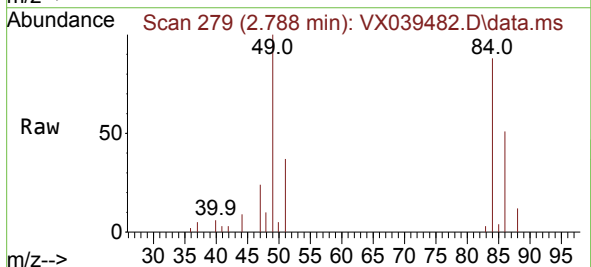
Instrument :
MSVOA_X
ClientSampleId :

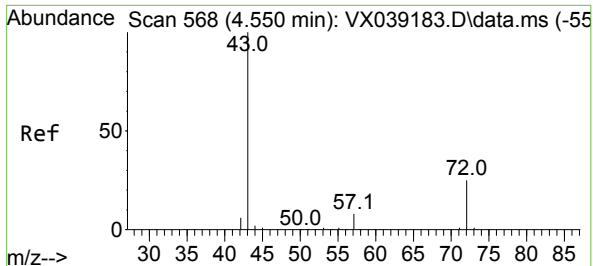
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
74 24.4 17.8 26.8



#20
Methylene Chloride
Concen: 4.931 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Tgt Ion: 84 Resp: 6405
Ion Ratio Lower Upper
84 100
49 113.9 103.6 155.4
51 42.6 33.8 50.6
86 58.1 49.4 74.0

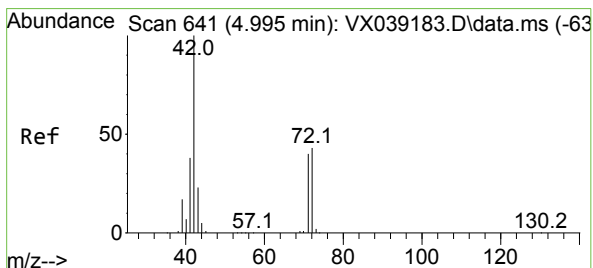
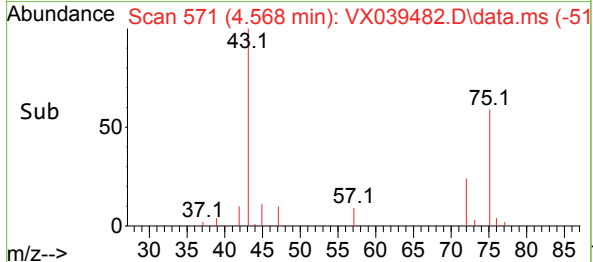
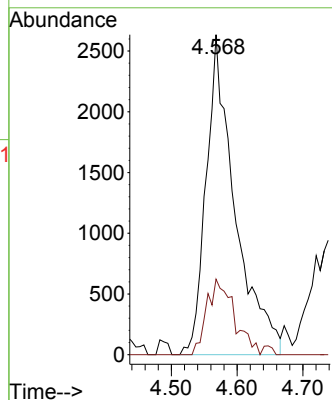
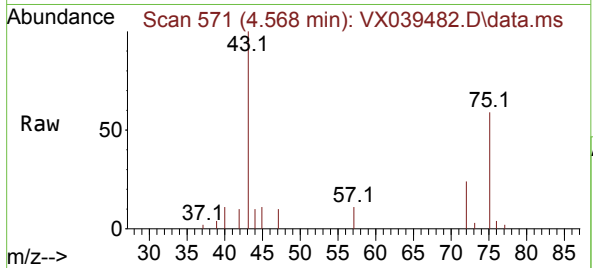




#25
2-Butanone
Concen: 5.991 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

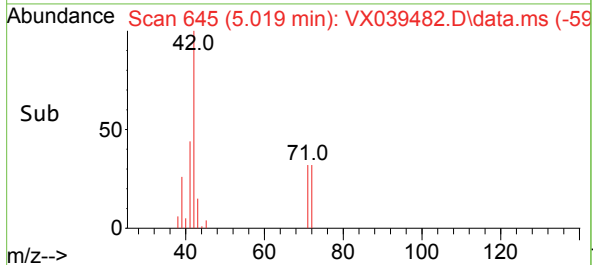
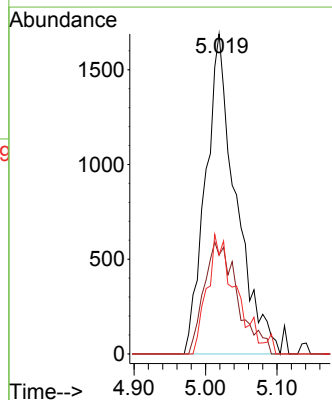
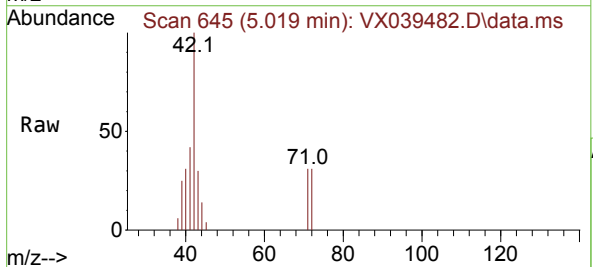
Instrument :
MSVOA_X
ClientSampleId :

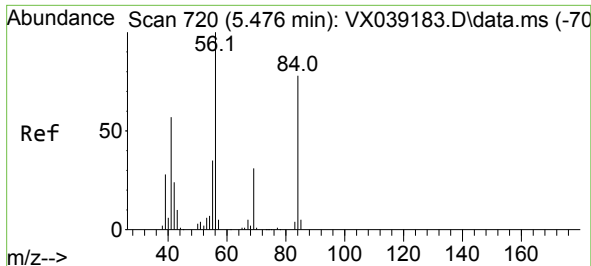
Tgt Ion: 43 Resp: 8055
Ion Ratio Lower Upper
43 100
72 23.6 19.4 29.2



#29
Tetrahydrofuran
Concen: 6.689 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.024 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

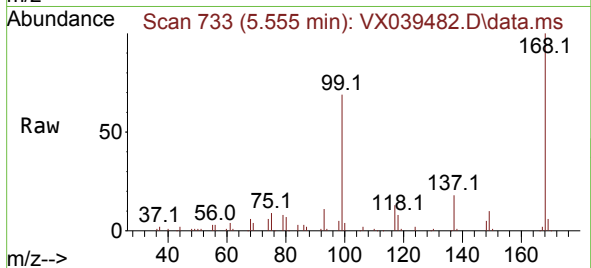
Tgt Ion: 42 Resp: 4967
Ion Ratio Lower Upper
42 100
72 38.7 34.2 51.4
71 35.1 32.2 48.2



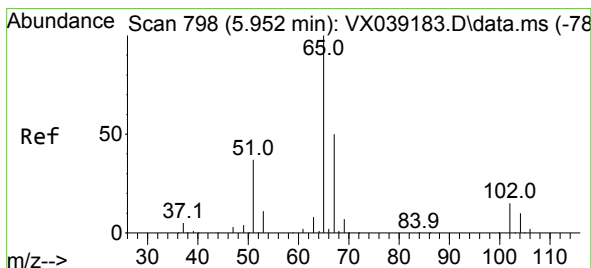
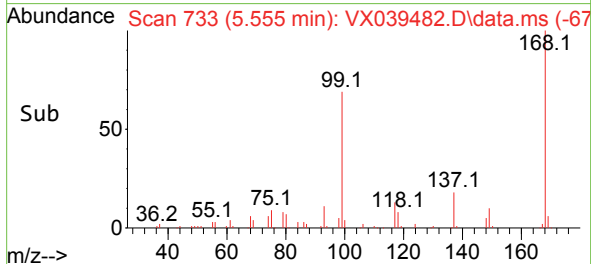
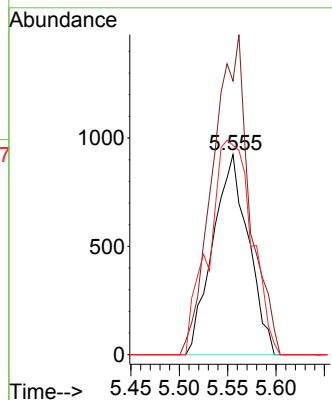


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 5.555 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :

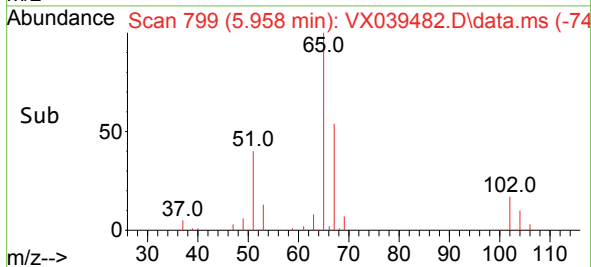
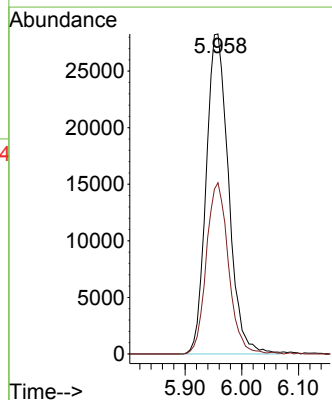
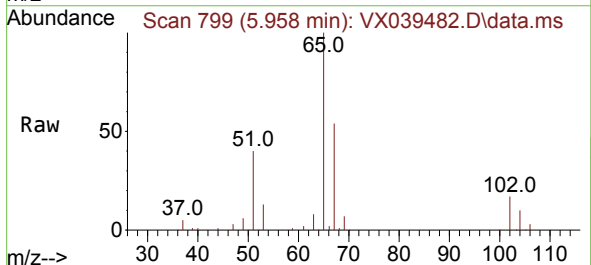


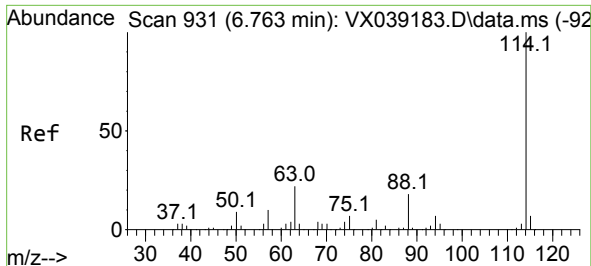
Tgt Ion: 56 Resp: 2364
Ion Ratio Lower Upper
56 100
69 136.7 23.4 35.2#
84 104.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.807 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Tgt Ion: 65 Resp: 77606
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

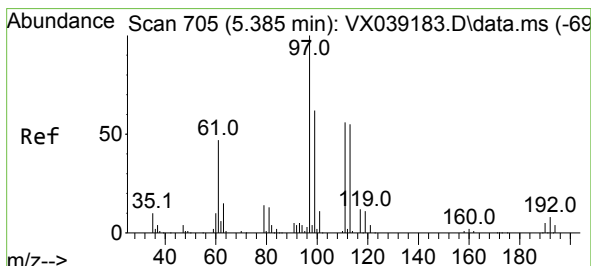
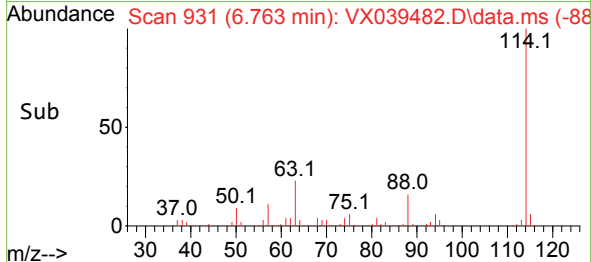
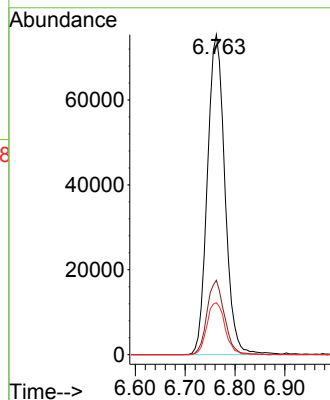
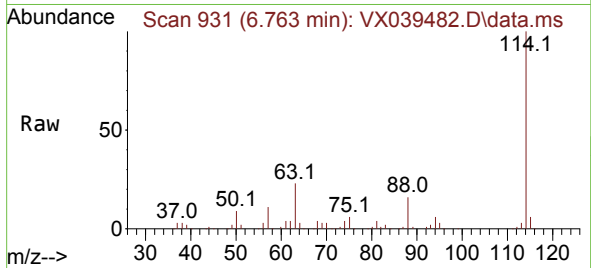




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

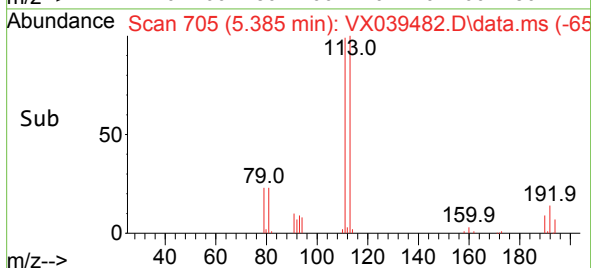
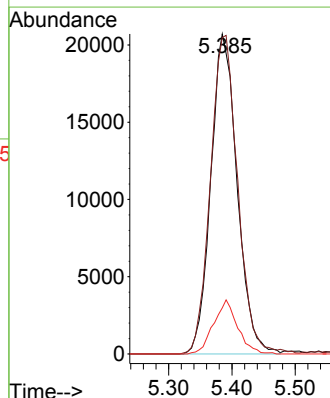
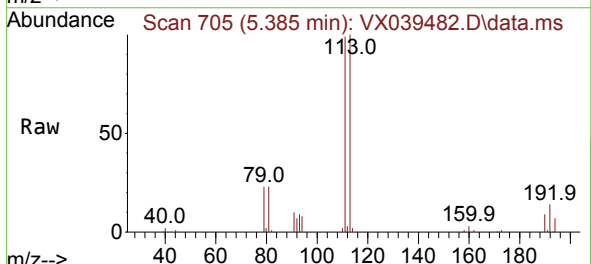
Instrument :
MSVOA_X
ClientSampleId :

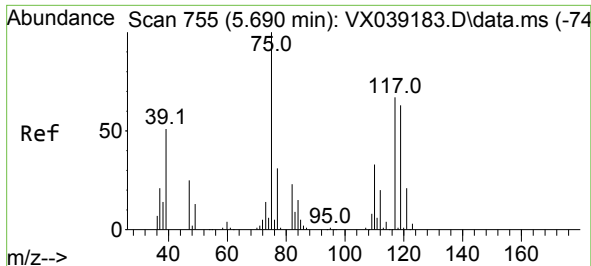
Tgt Ion:114 Resp: 183808
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.073 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

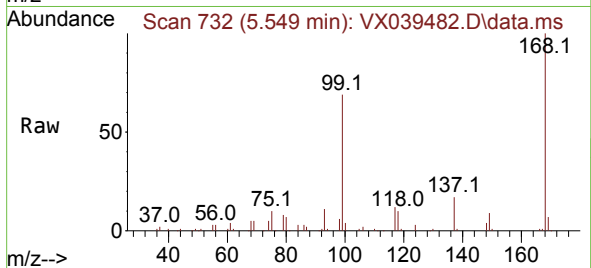
Tgt Ion:113 Resp: 59775
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.5 13.3 19.9



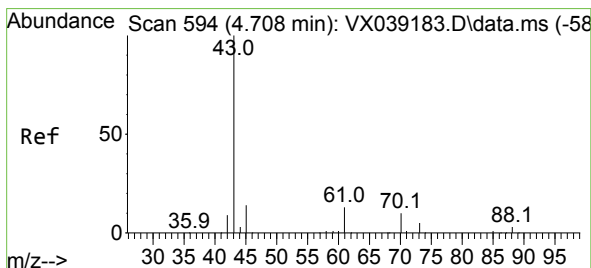
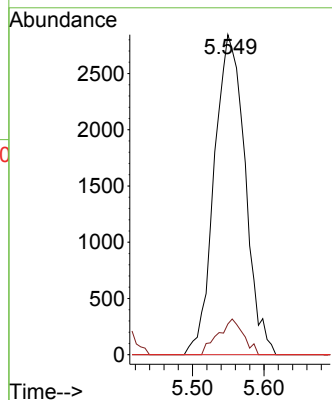
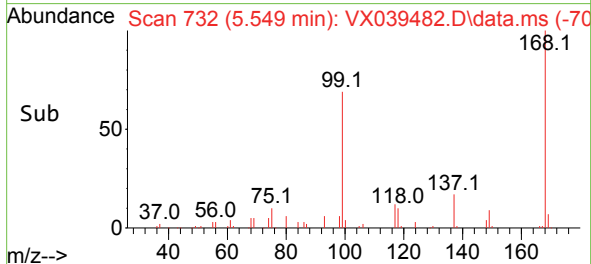


#36
1,1-Dichloropropene
Concen: 4.255 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :

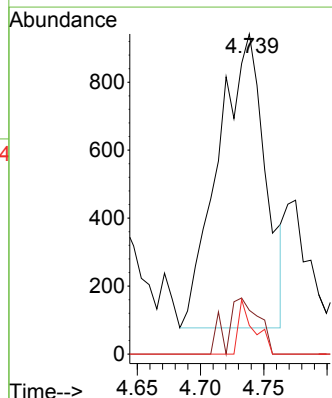
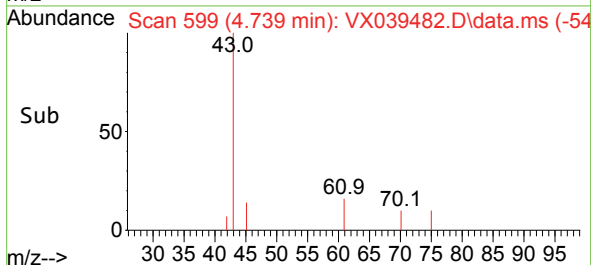
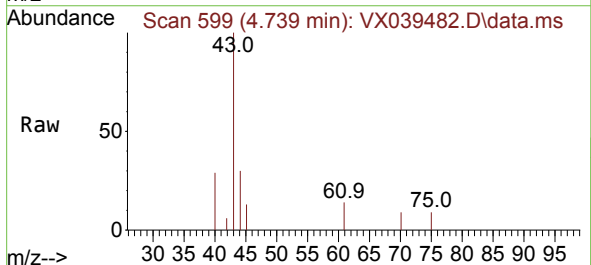


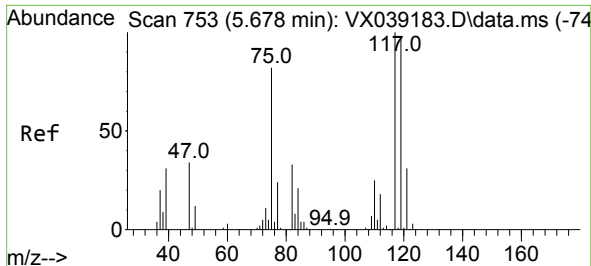
Tgt Ion: 75 Resp: 8527
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.909 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.030 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

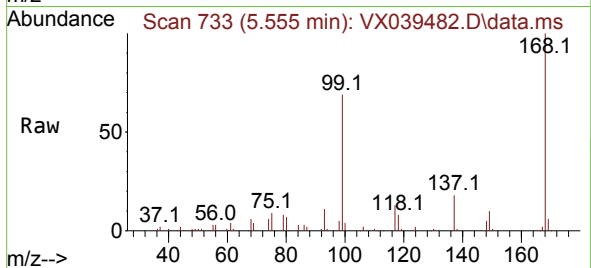
Tgt Ion: 43 Resp: 2251
Ion Ratio Lower Upper
43 100
61 12.7 10.6 16.0
70 6.1 8.3 12.5#



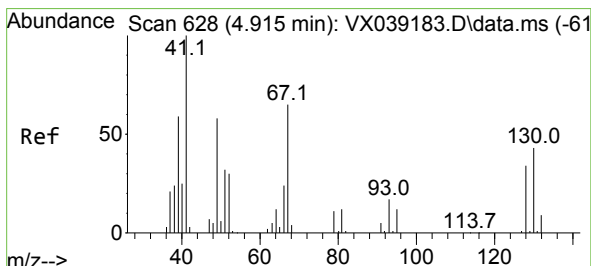
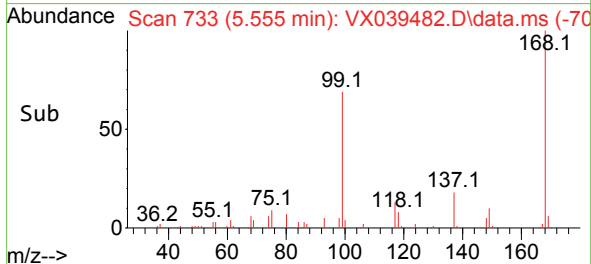
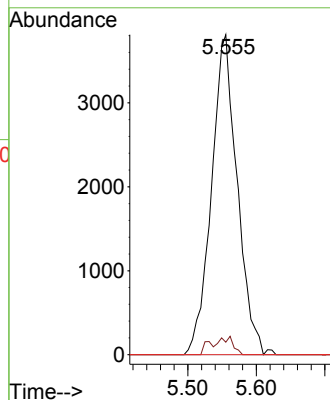


#38
Carbon Tetrachloride
Concen: 5.198 ug/l
RT: 5.555 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :

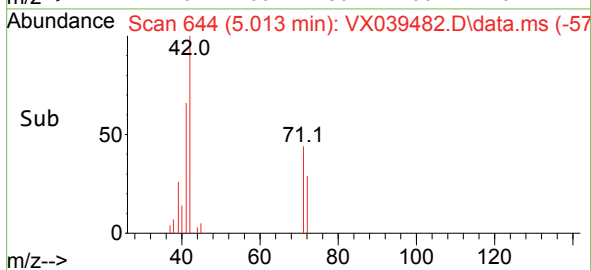
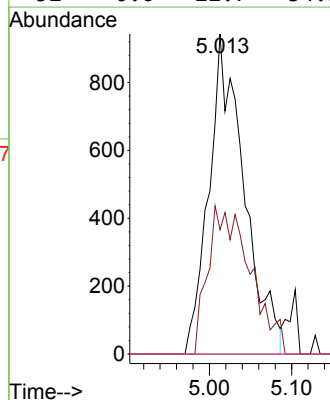
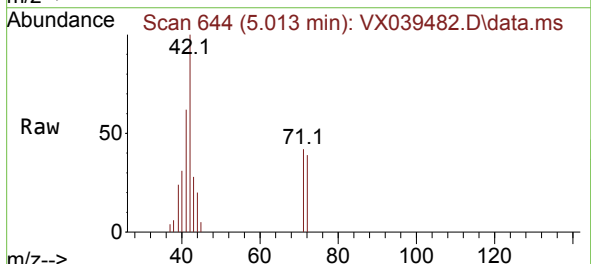


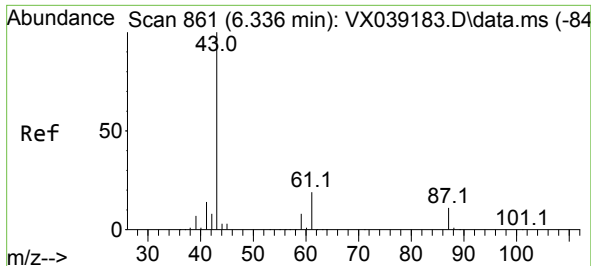
Tgt Ion:117 Resp: 9941
Ion Ratio Lower Upper
117 100
119 3.9 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 2.115 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.097 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

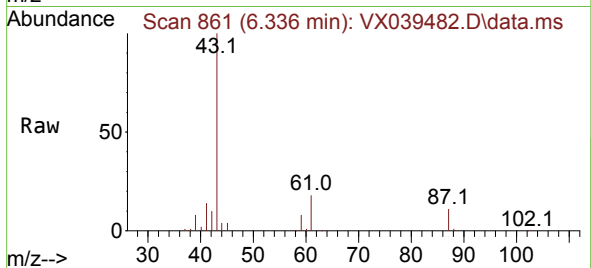
Tgt Ion: 41 Resp: 2794
Ion Ratio Lower Upper
41 100
39 55.7 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#



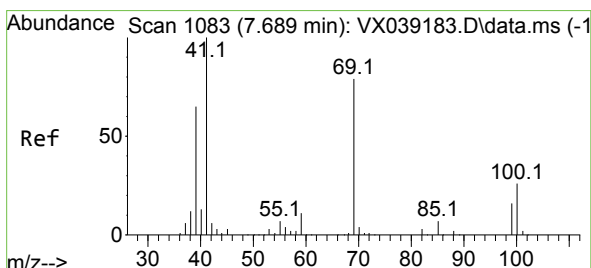
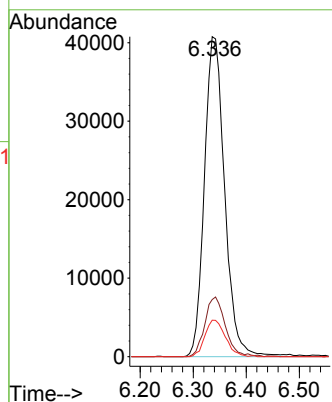
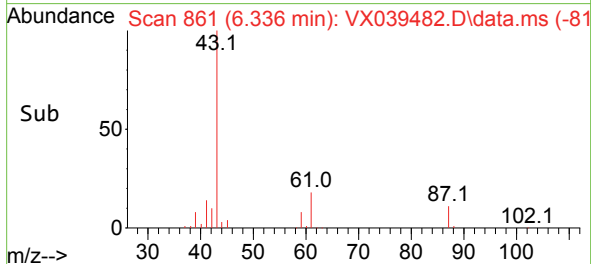


#43
Isopropyl Acetate
Concen: 26.835 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :

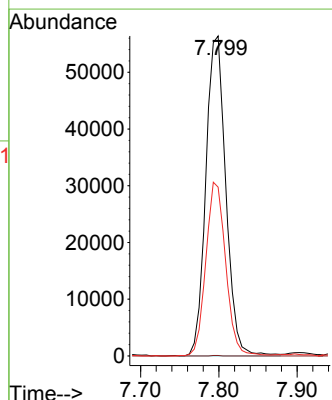
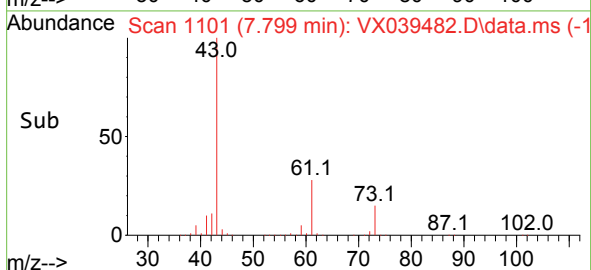
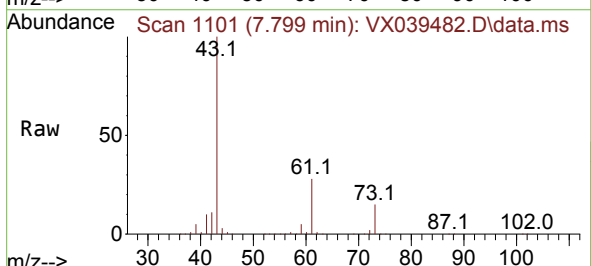


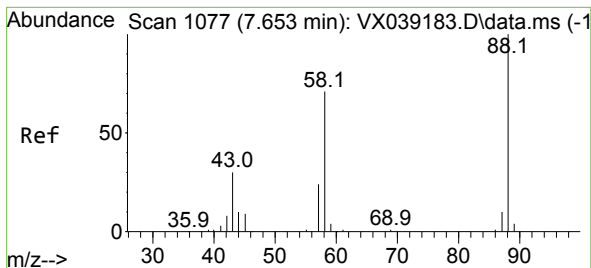
Tgt Ion: 43 Resp: 108030
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 11.6 9.8 14.6



#48
Methyl methacrylate
Concen: 42.460 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Tgt Ion: 41 Resp: 99931
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 53.9 47.7 71.5





#49

1,4-Dioxane

Concen: 0.567 ug/l

RT: 7.665 min Scan# 1077

Delta R.T. 0.012 min

Lab File: VX039482.D

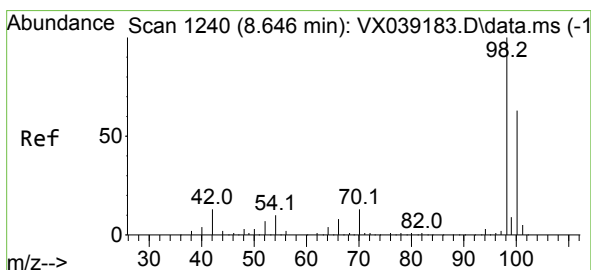
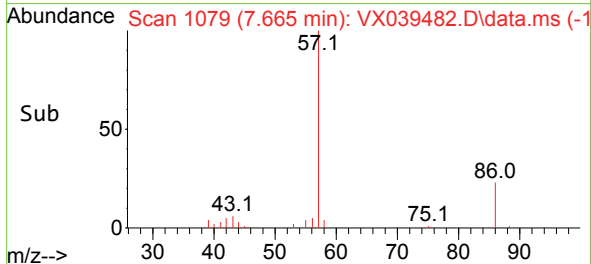
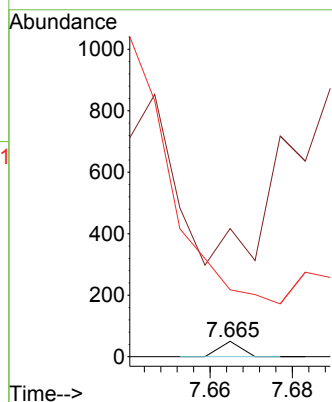
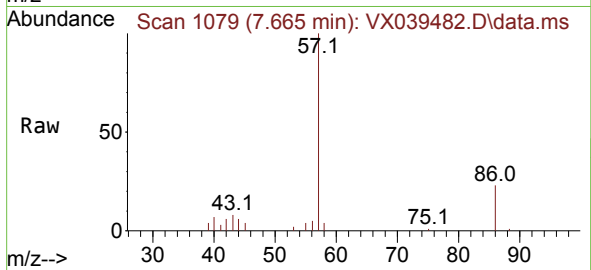
Acq: 26 Dec 2023 20:46

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	88	Resp:	18
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	0.0	60.1	90.1



#50

Toluene-d8

Concen: 51.178 ug/l

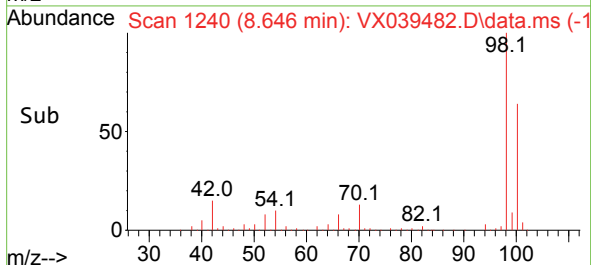
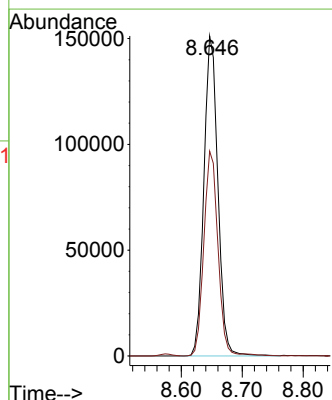
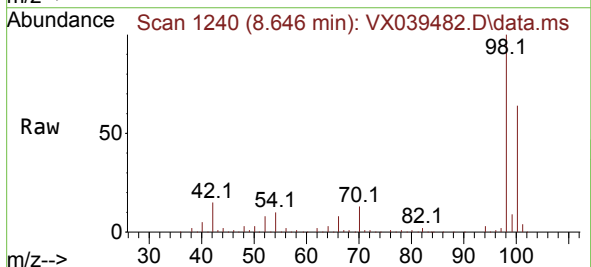
RT: 8.646 min Scan# 1240

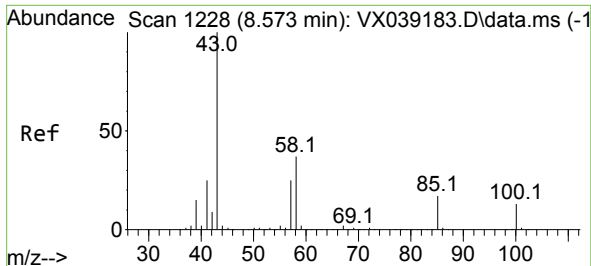
Delta R.T. -0.000 min

Lab File: VX039482.D

Acq: 26 Dec 2023 20:46

Tgt Ion:	98	Resp:	241270
Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.1	79.7

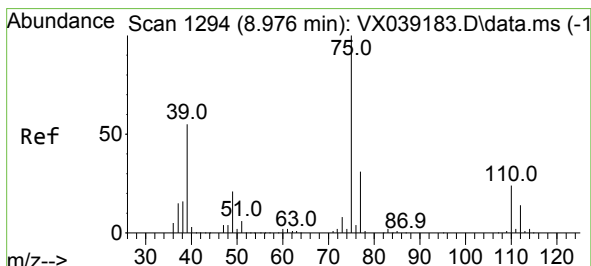
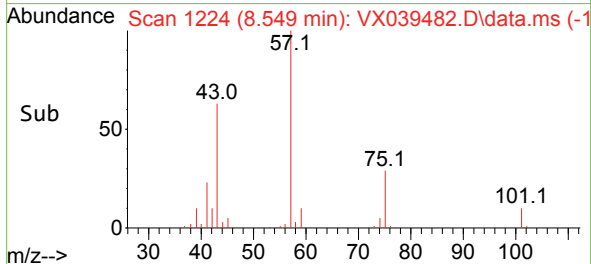
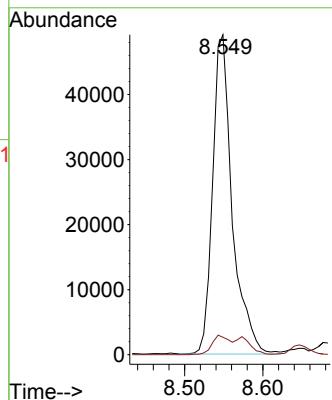
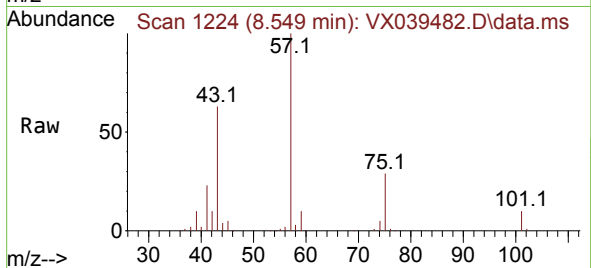




#51
4-Methyl-2-Pentanone
Concen: 33.290 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

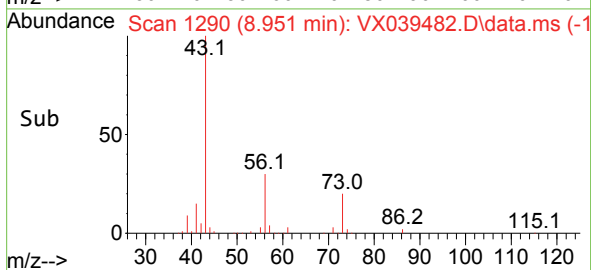
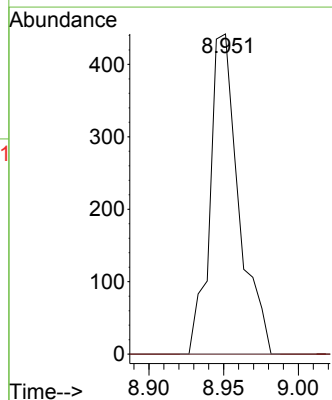
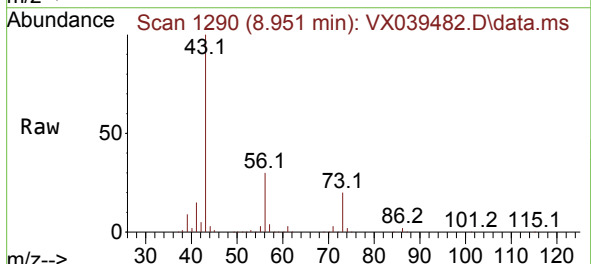
Instrument :
MSVOA_X
ClientSampleId :

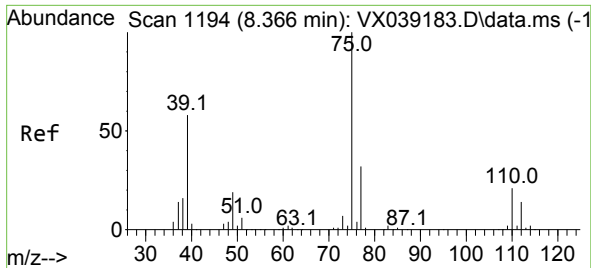
Tgt Ion: 43 Resp: 85390
Ion Ratio Lower Upper
43 100
58 5.6 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.263 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Tgt Ion: 75 Resp: 593
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

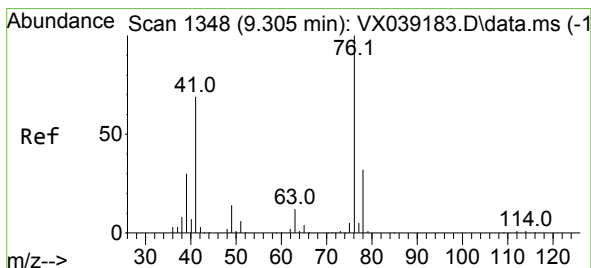
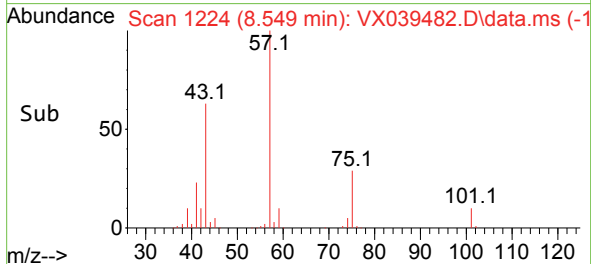
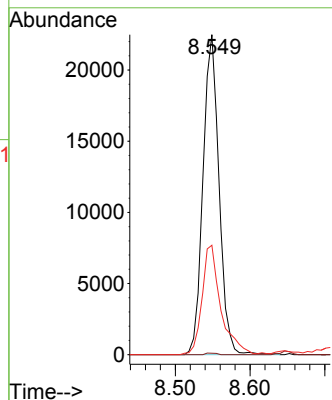
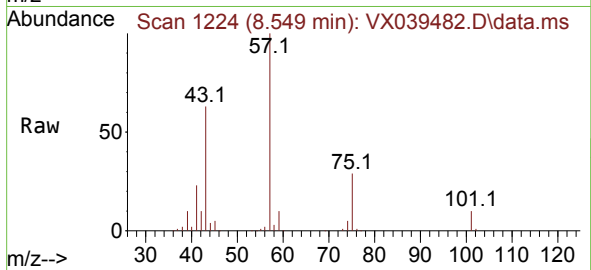




#54
 cis-1,3-Dichloropropene
 Concen: 13.822 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX039482.D
 Acq: 26 Dec 2023 20:46

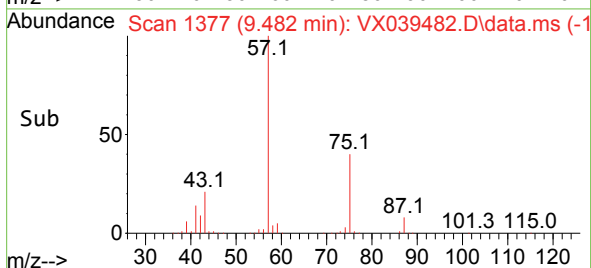
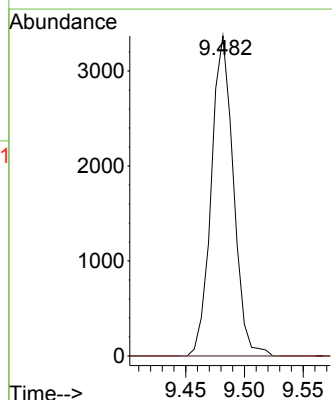
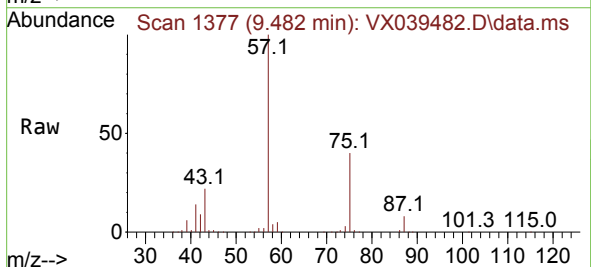
Instrument :
 MSVOA_X
 ClientSampleId :

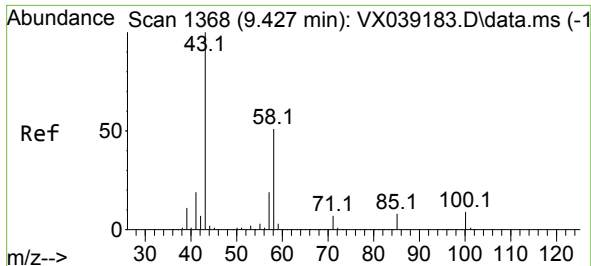
Tgt Ion: 75 Resp: 33479
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 34.2 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 1.790 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX039482.D
 Acq: 26 Dec 2023 20:46

Tgt Ion: 76 Resp: 4421
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

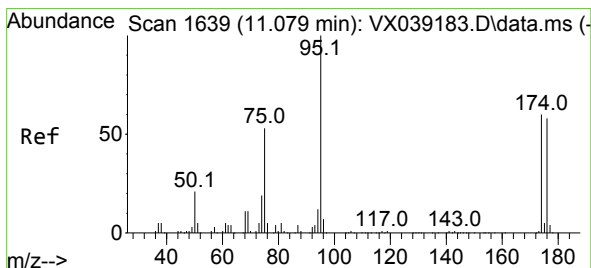
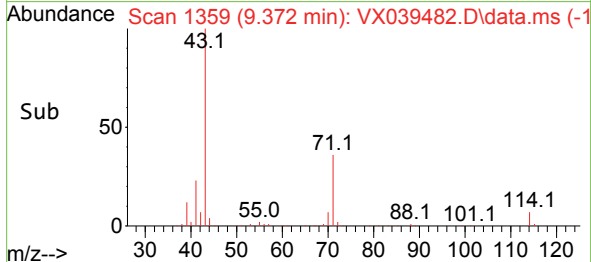
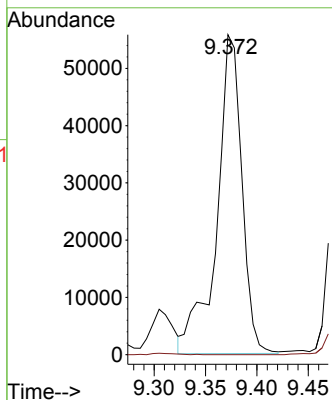
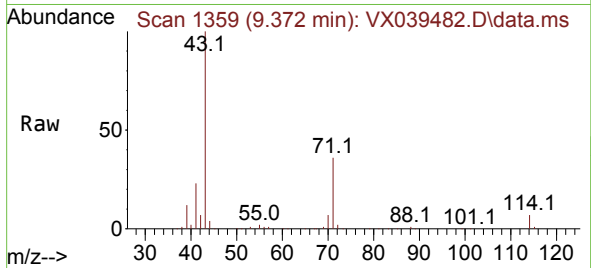




#59
2-Hexanone
Concen: 42.573 ug/l
RT: 9.372 min Scan# 1359
Delta R.T. -0.055 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

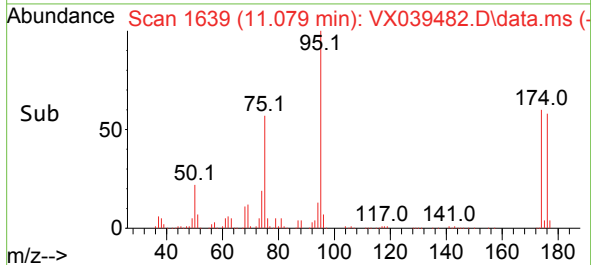
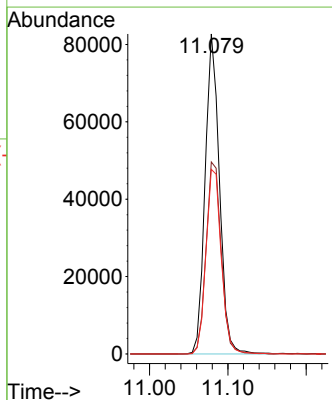
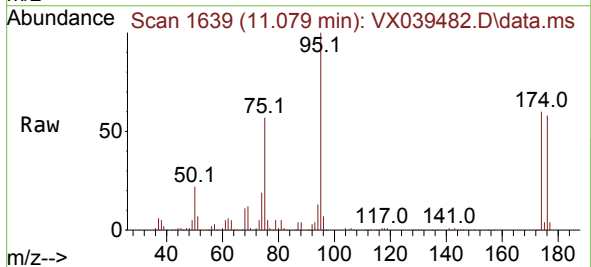
Instrument :
MSVOA_X
ClientSampleId :

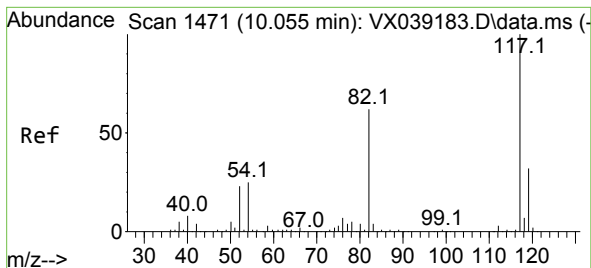
Tgt Ion: 43 Resp: 94244
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 53.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

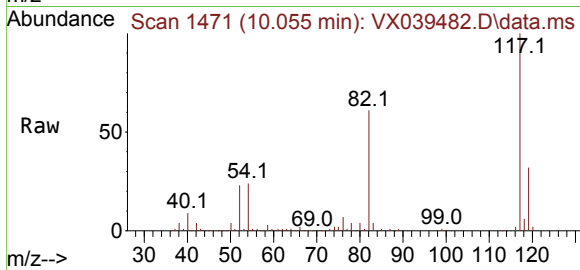
Tgt Ion: 95 Resp: 104860
Ion Ratio Lower Upper
95 100
174 63.6 0.0 135.6
176 61.5 0.0 131.0



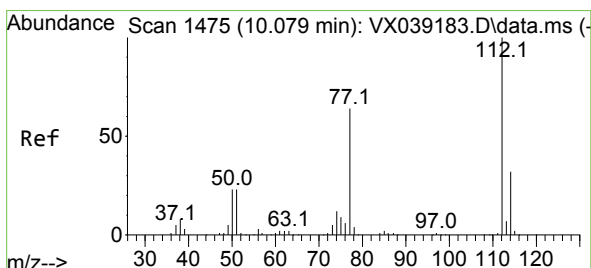
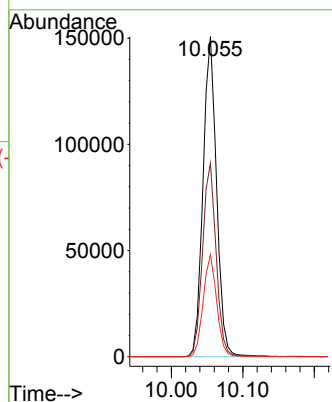
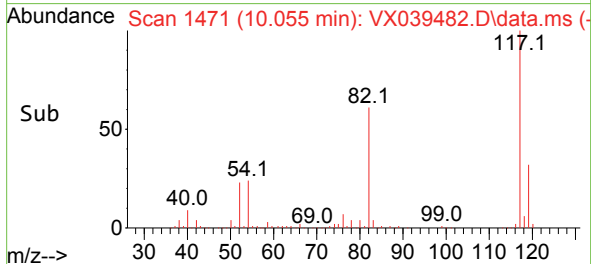


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :

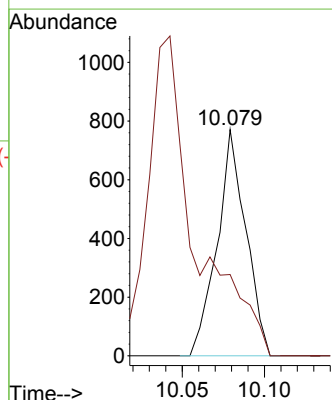
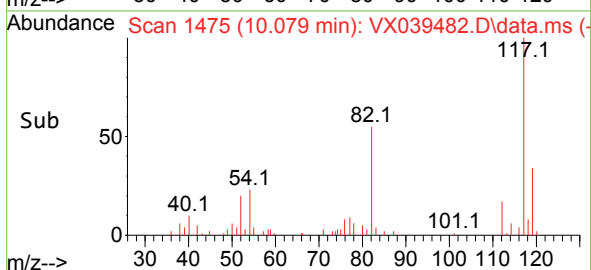
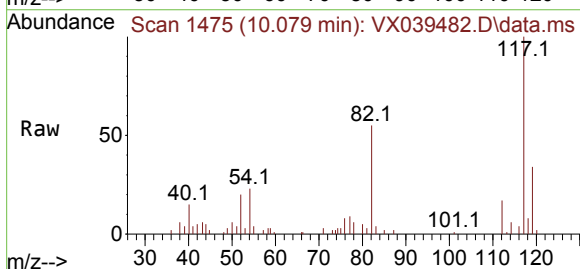


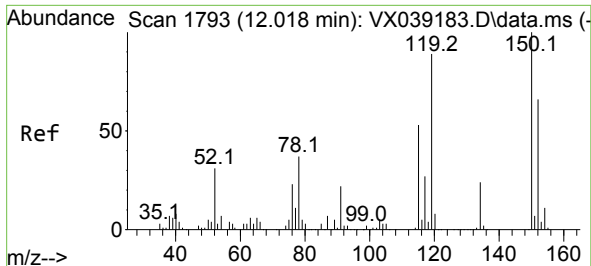
Tgt Ion:117 Resp: 198534
Ion Ratio Lower Upper
117 100
82 60.5 46.2 69.4
119 31.9 25.5 38.3



#65
Chlorobenzene
Concen: 0.216 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

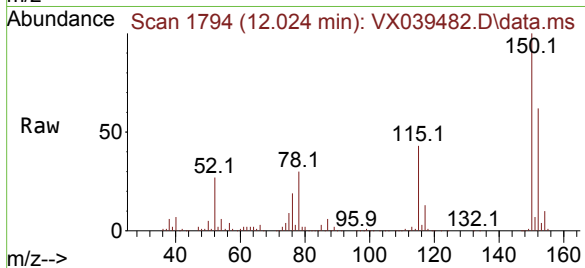
Tgt Ion:112 Resp: 937
Ion Ratio Lower Upper
112 100
114 35.9 25.7 38.5



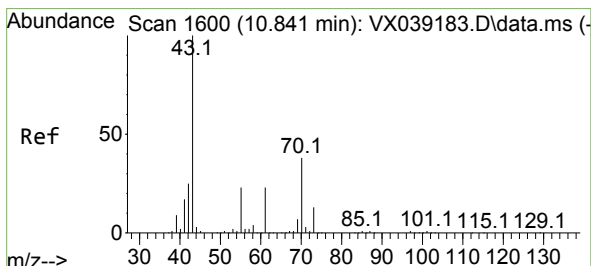
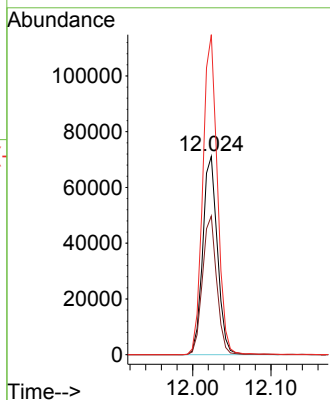
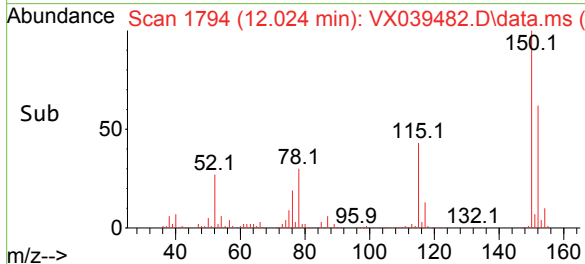


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

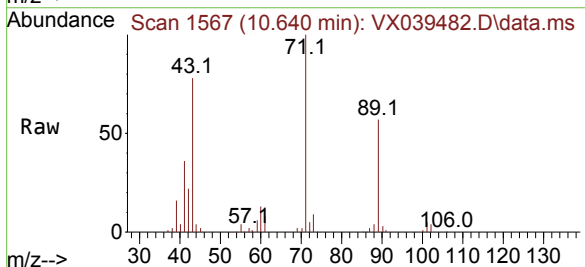
Instrument :
MSVOA_X
ClientSampleId :



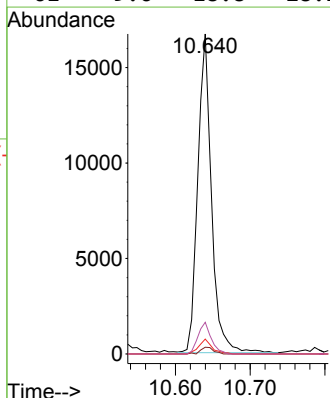
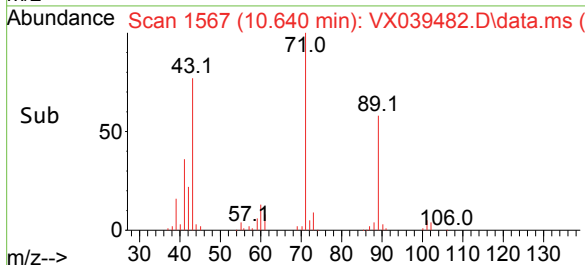
Tgt Ion:152 Resp: 92408
Ion Ratio Lower Upper
152 100
115 68.1 43.3 129.9
150 160.1 0.0 345.0

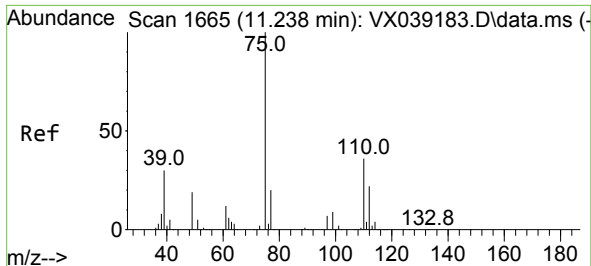


#74
N-ethyl acetate
Concen: 5.883 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46



Tgt Ion: 43 Resp: 21222
Ion Ratio Lower Upper
43 100
70 2.0 32.9 49.3#
55 4.5 19.3 28.9#
61 9.6 18.8 28.2#

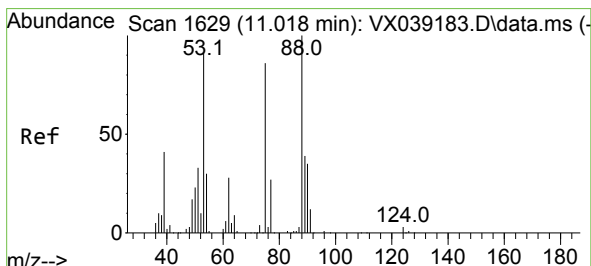
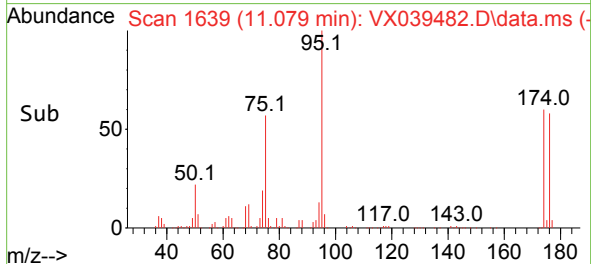
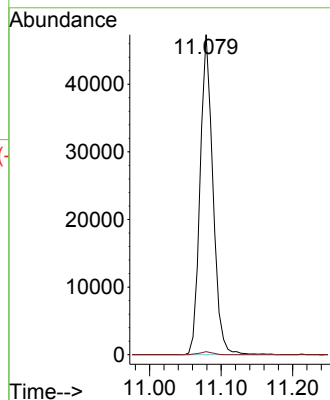
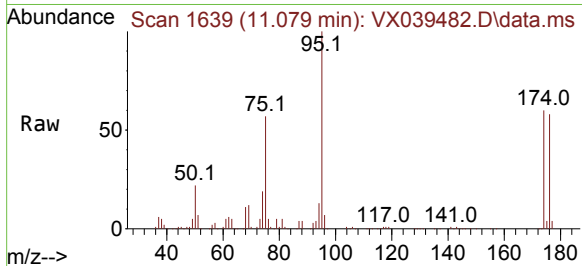




#76
1,2,3-Trichloropropane
Concen: 24.637 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 58901
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039482.D
Acq: 26 Dec 2023 20:46

Tgt Ion: 75 Resp: 58901
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

