

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027966.D
 Acq On : 04 Apr 2022 18:30
 Operator : JC/MD
 Sample : PB143824ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 05 05:52:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

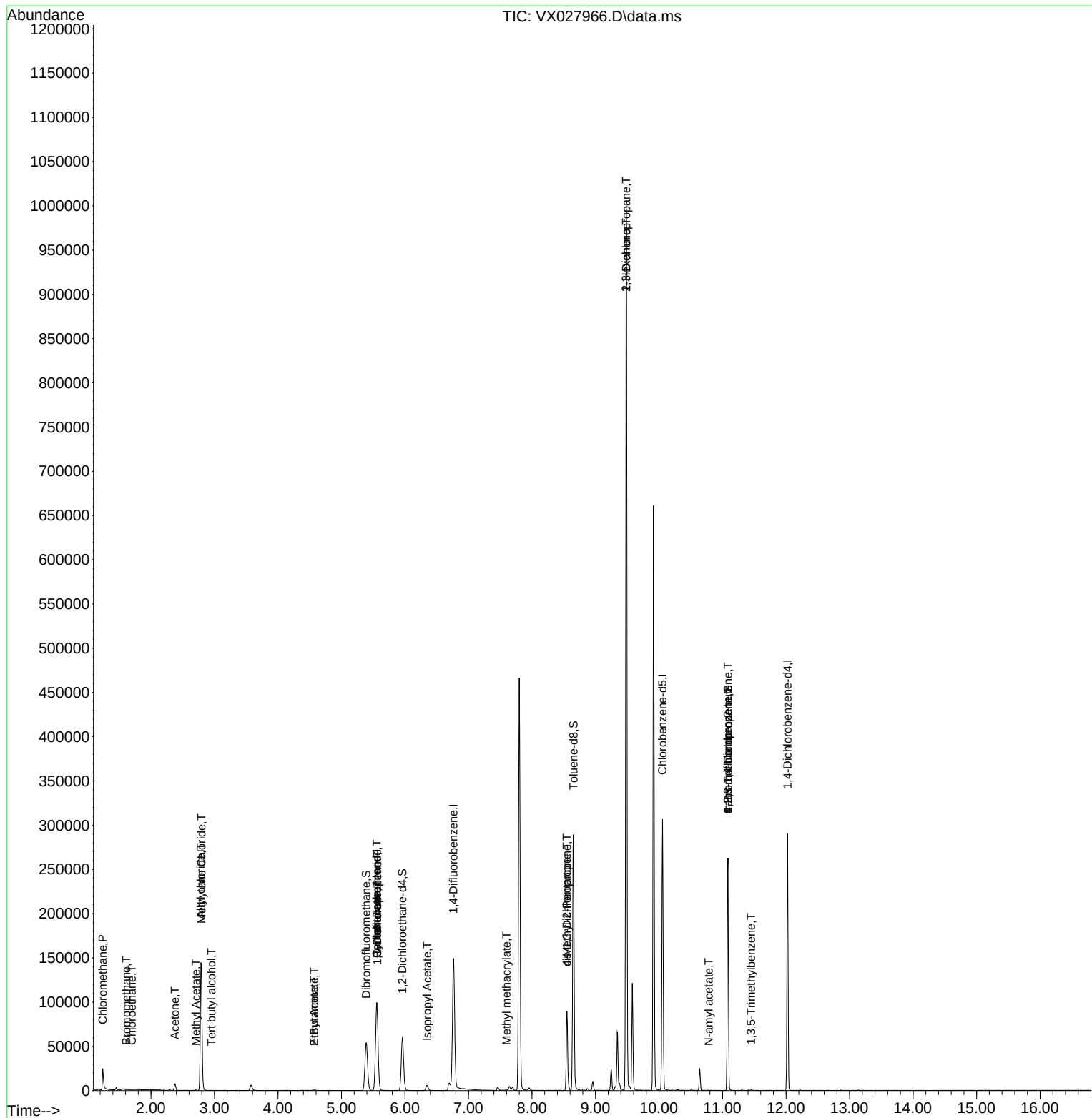
Internal Standards						
1) Pentafluorobenzene	5.556	168	90045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	149144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	59968	51.615	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.240%	
35) Dibromofluoromethane	5.385	113	47842	49.696	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.400%	
50) Toluene-d8	8.653	98	170099	50.219	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.440%	
62) 4-Bromofluorobenzene	11.085	95	71275	49.516	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	503	0.698	ug/l #	42
5) Bromomethane	1.611	94	93	0.279	ug/l #	3
6) Chloroethane	1.697	64	147	0.295	ug/l #	43
11) Tert butyl alcohol	2.953	59	170	0.762	ug/l #	72
14) Allyl chloride	2.788	41	2192	1.543	ug/l #	25
16) Acetone	2.380	43	8194	15.936	ug/l	96
18) Methyl Acetate	2.709	43	945	0.746	ug/l #	62
20) Methylene Chloride	2.794	84	65662	70.996	ug/l	90
25) 2-Butanone	4.568	43	1412	1.887	ug/l #	76
31) Cyclohexane	5.556	56	1985	1.546	ug/l #	7
36) 1,1-Dichloropropene	5.562	75	7152	5.899	ug/l #	50
37) Ethyl Acetate	4.568	43	1412	0.939	ug/l #	65
38) Carbon Tetrachloride	5.556	117	9750	7.278	ug/l #	17
43) Isopropyl Acetate	6.348	43	8033	3.337	ug/l	93
48) Methyl methacrylate	7.598	41	1938	1.535	ug/l #	7
51) 4-Methyl-2-Pentanone	8.549	43	30446	18.229	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	13263	8.494	ug/l #	73
57) 1,3-Dichloropropane	9.482	76	8680	5.024	ug/l #	42
59) 2-Hexanone	9.482	43	124576	96.871	ug/l #	42
74) N-amyl acetate	10.781	43	532	0.296	ug/l #	36
76) 1,2,3-Trichloropropane	11.085	75	39031	31.042	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	824	0.238	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.085	75	39031	90.297	ug/l #	15

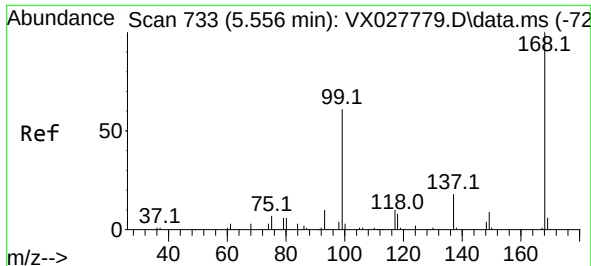
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

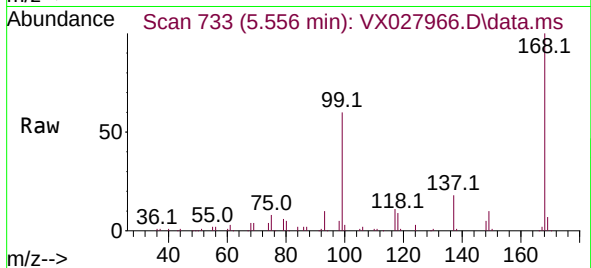
Quant Time: Apr 05 05:52:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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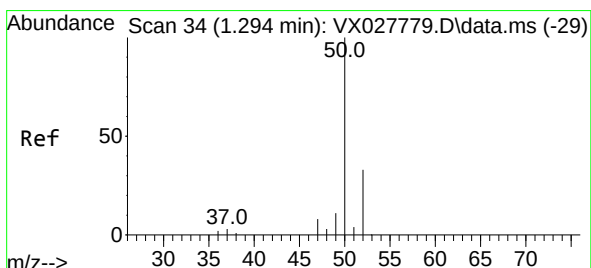
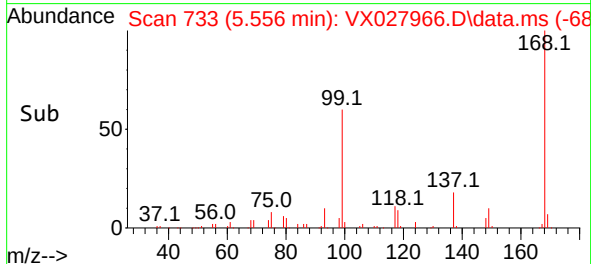
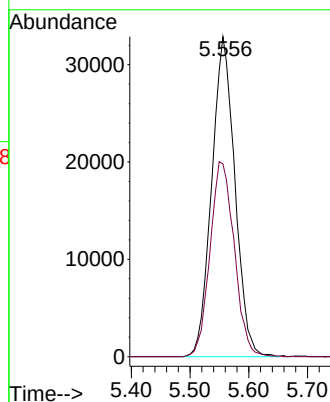


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

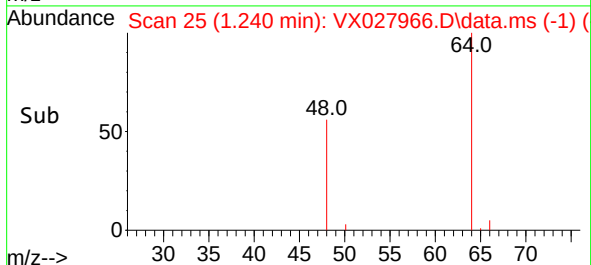
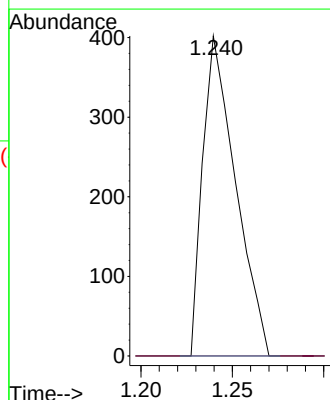
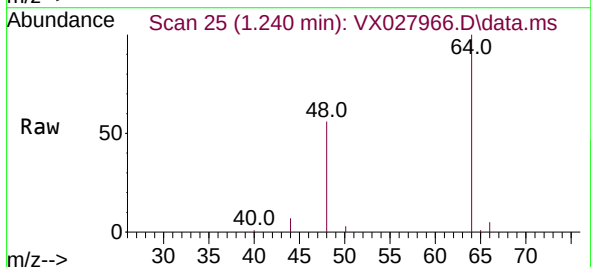


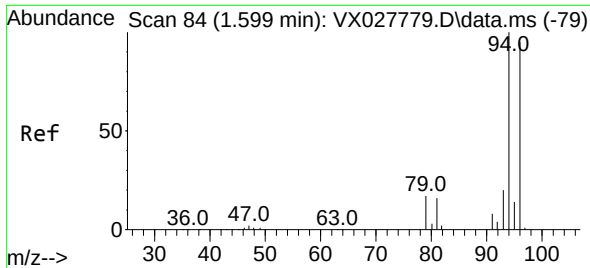
Tgt Ion:168 Resp: 90045
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5



#3
Chloromethane
Concen: 0.698 ug/l
RT: 1.240 min Scan# 25
Delta R.T. -0.054 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

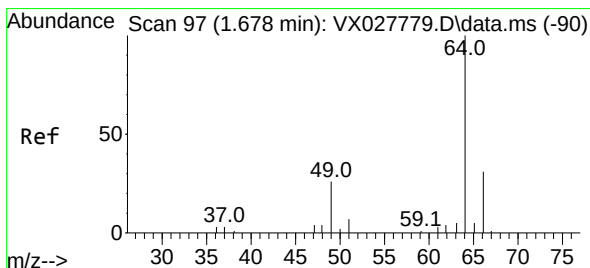
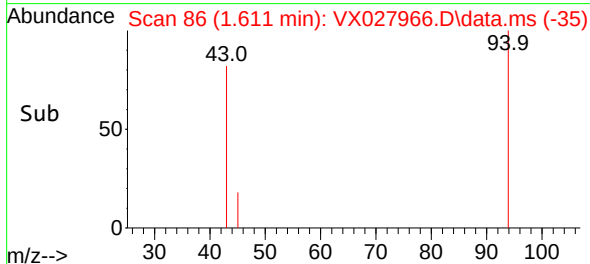
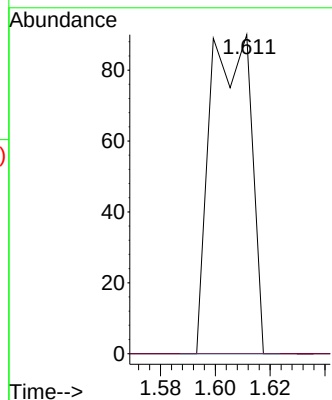
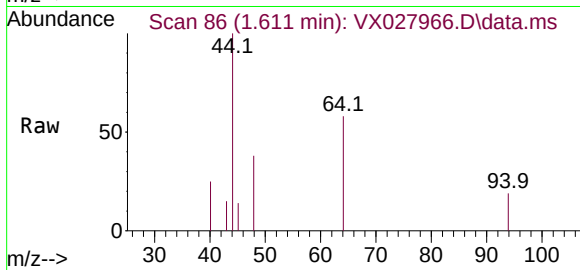




#5
Bromomethane
Concen: 0.279 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

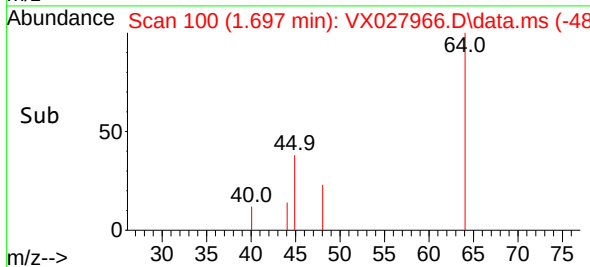
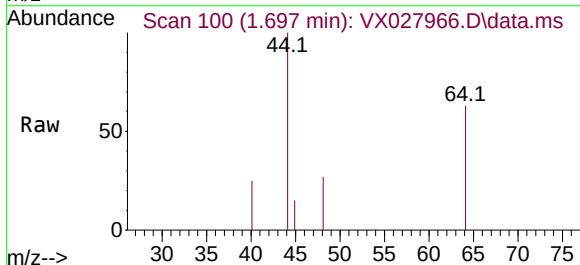
Instrument :
MSVOA_X
ClientSampleId :

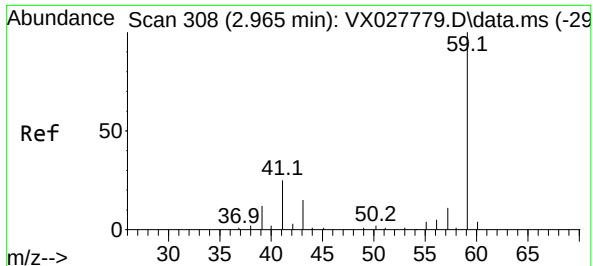
Tgt Ion: 94 Resp: 93
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#



#6
Chloroethane
Concen: 0.295 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.762 ug/l

RT: 2.953 min Scan# 308

Delta R.T. -0.012 min

Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

Instrument :

MSVOA_X

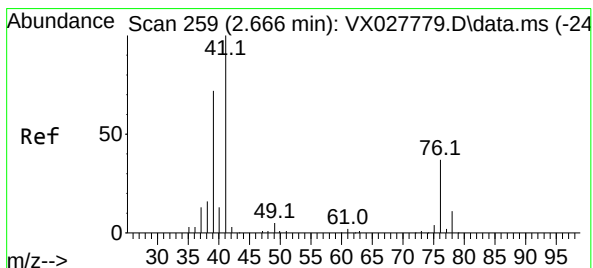
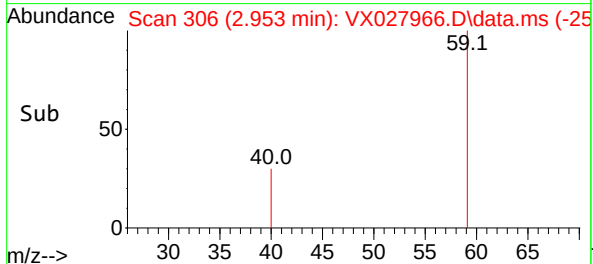
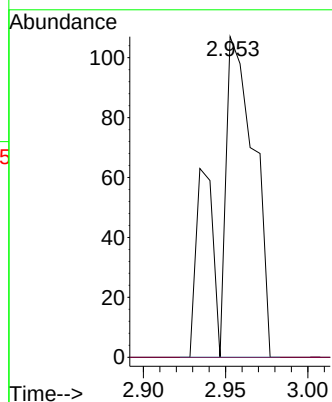
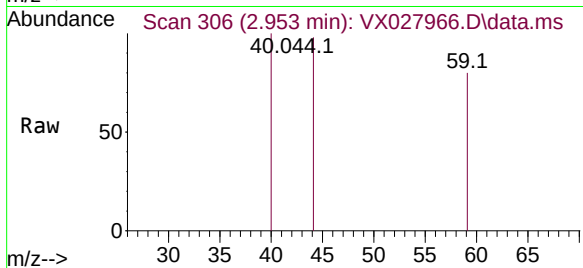
ClientSampleId :

Tgt Ion: 59 Resp: 170

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 1.543 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.122 min

Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

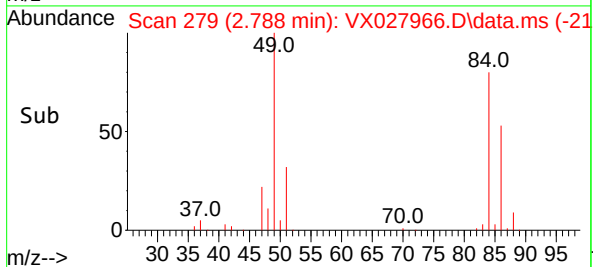
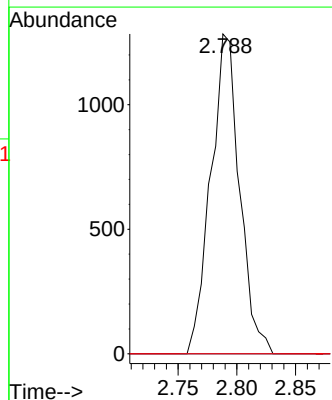
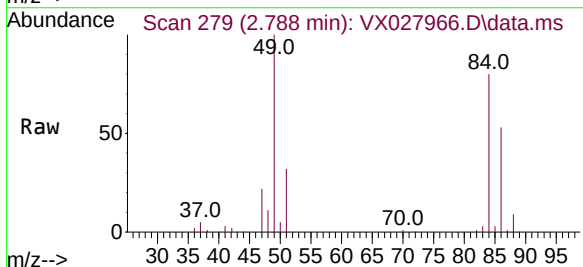
Tgt Ion: 41 Resp: 2192

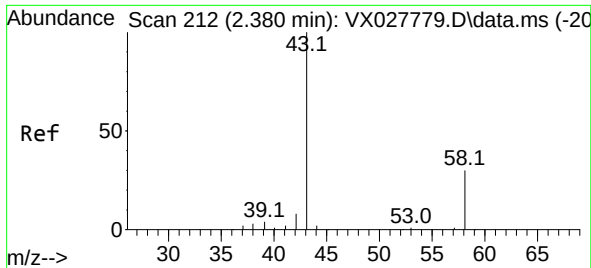
Ion Ratio Lower Upper

41 100

39 0.0 50.4 75.6#

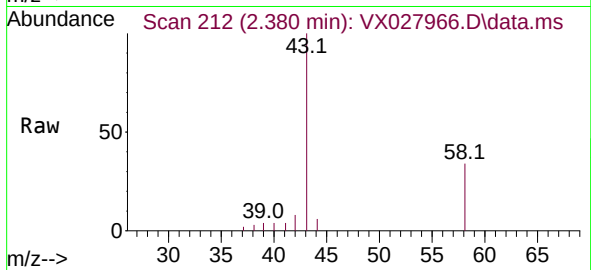
76 0.0 32.7 49.1#



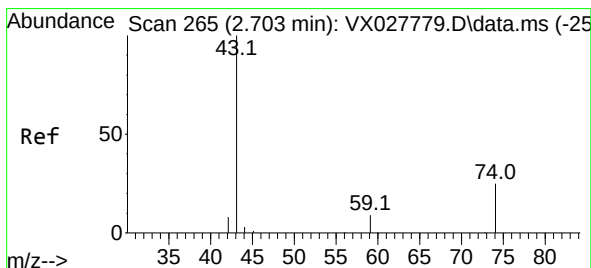
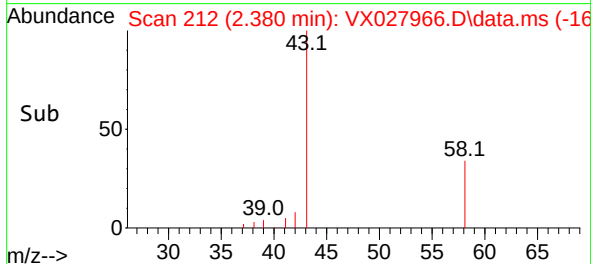
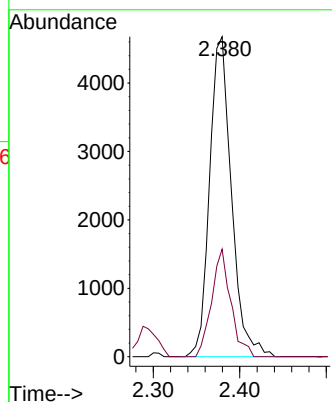


#16
Acetone
Concen: 15.936 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

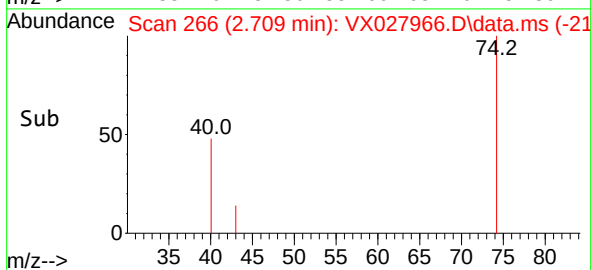
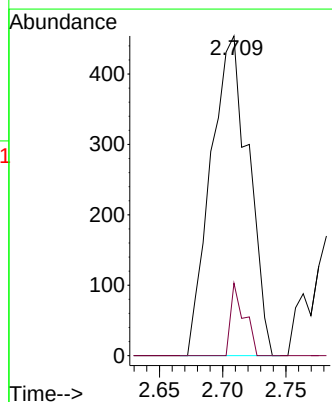
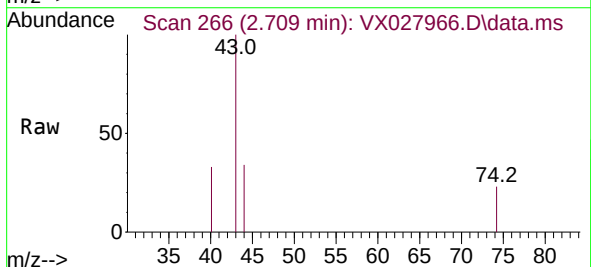


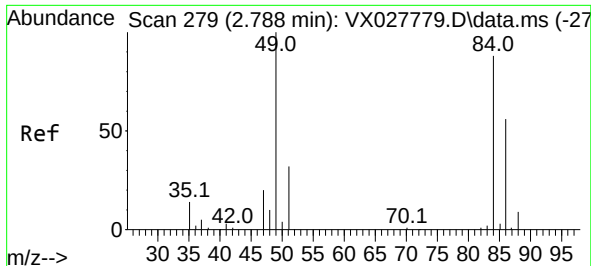
Tgt Ion: 43 Resp: 8194
Ion Ratio Lower Upper
43 100
58 33.6 28.8 43.2



#18
Methyl Acetate
Concen: 0.746 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
74 8.1 22.8 34.2#





#20

Methylene Chloride

Concen: 70.996 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 65662

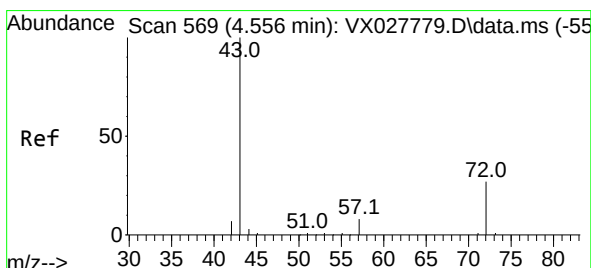
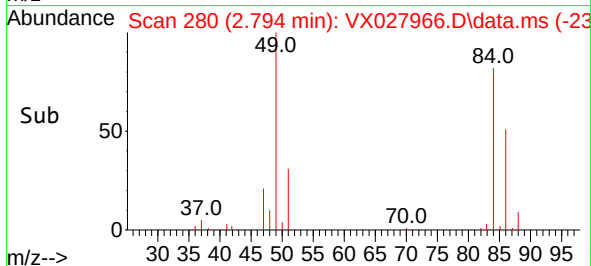
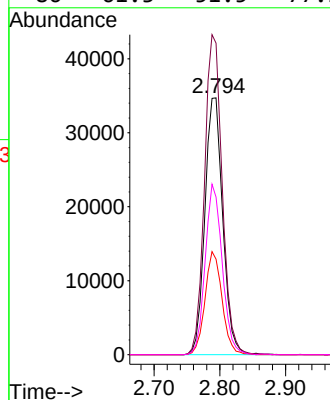
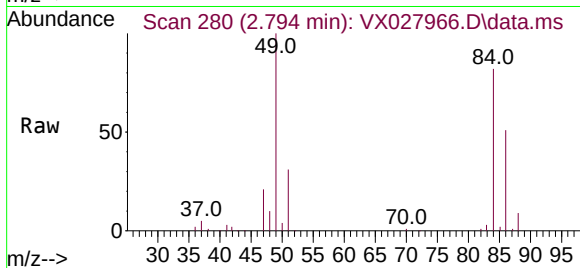
Ion Ratio Lower Upper

84 100

49 121.3 85.5 128.3

51 37.2 26.6 39.8

86 61.3 51.5 77.3



#25

2-Butanone

Concen: 1.887 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX027966.D

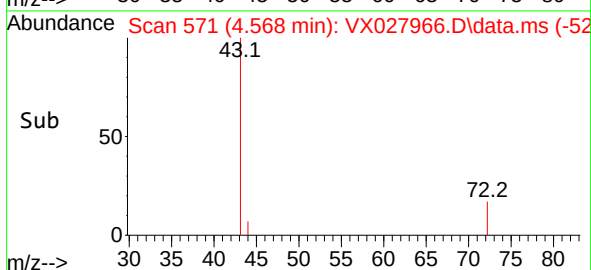
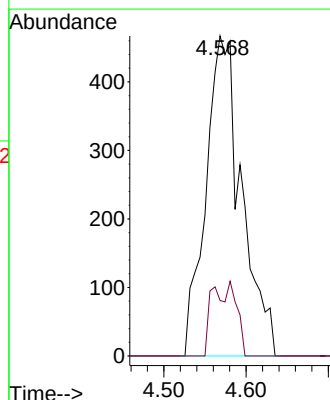
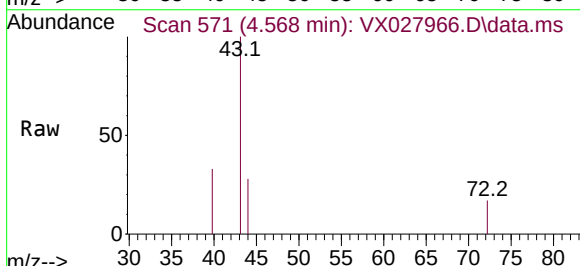
Acq: 04 Apr 2022 18:30

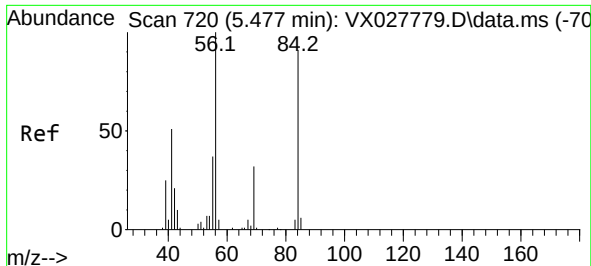
Tgt Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

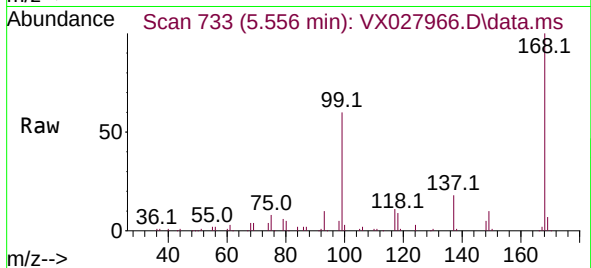
72 17.3 24.4 36.6#



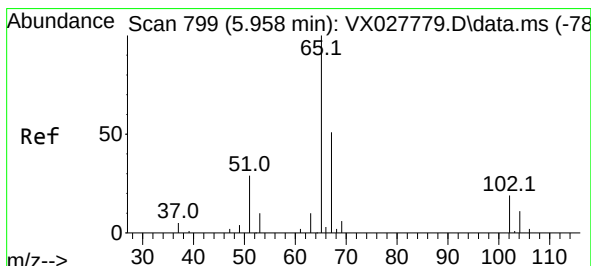
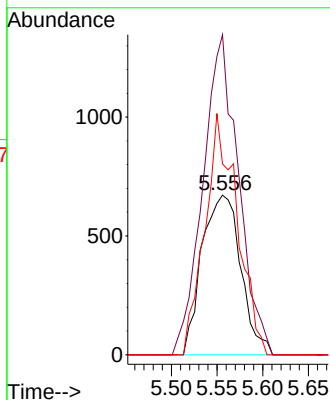
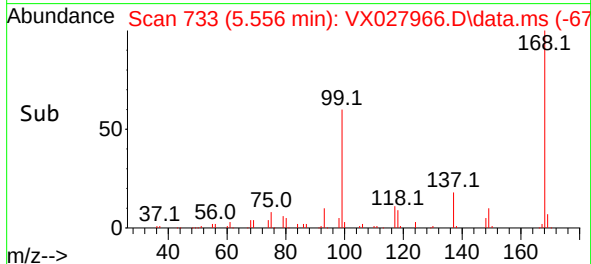


#31
Cyclohexane
Concen: 1.546 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

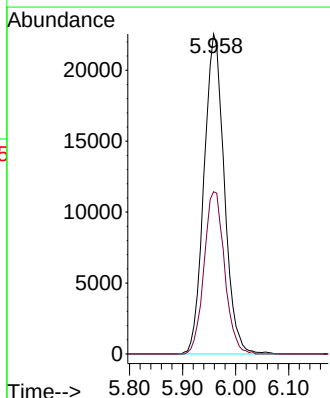
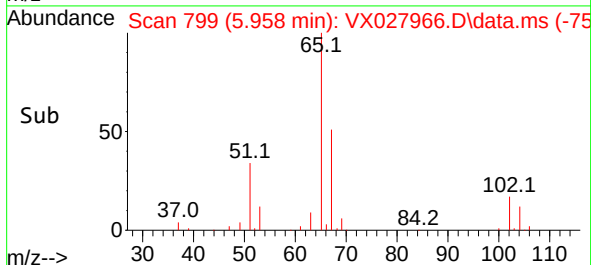
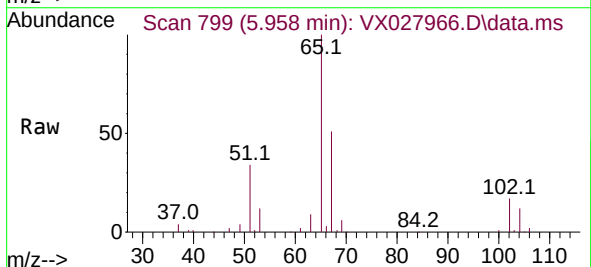


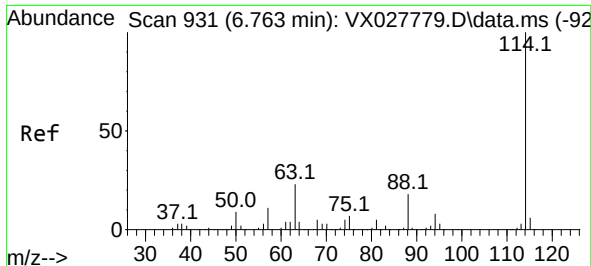
Tgt Ion: 56 Resp: 1985
Ion Ratio Lower Upper
56 100
69 200.4 26.7 40.1#
84 119.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 51.615 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Tgt Ion: 65 Resp: 59968
Ion Ratio Lower Upper
65 100
67 51.1 0.0 107.4

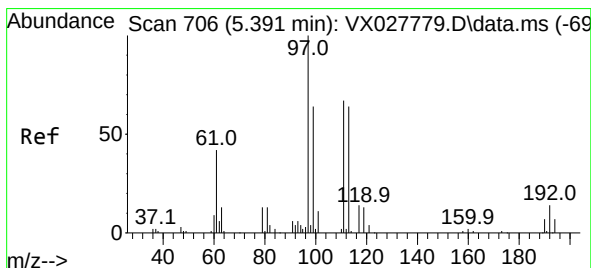
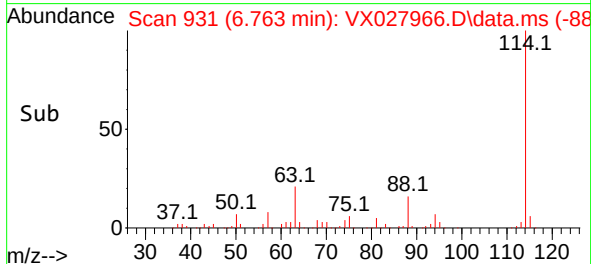
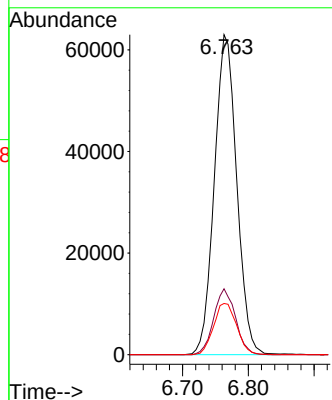
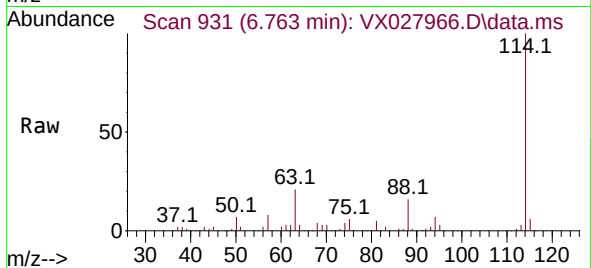




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

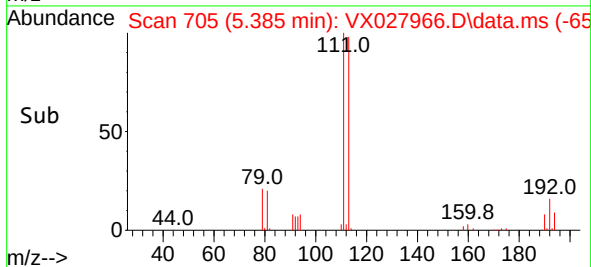
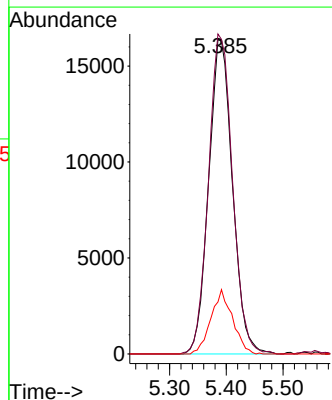
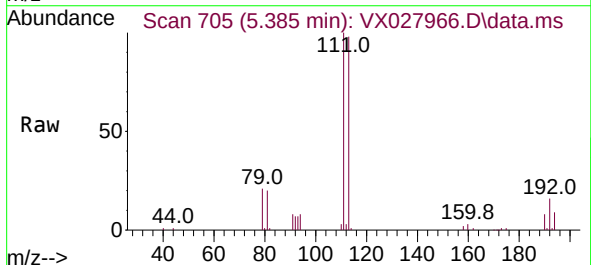
Instrument :
MSVOA_X
ClientSampleId :

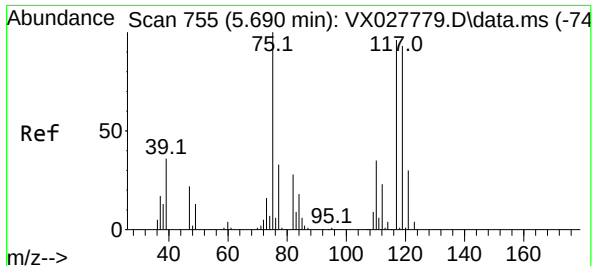
Tgt Ion:114 Resp: 149144
Ion Ratio Lower Upper
114 100
63 20.6 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.696 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Tgt Ion:113 Resp: 47842
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 18.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.899 ug/l

RT: 5.562 min Scan# 7152

Delta R.T. -0.128 min

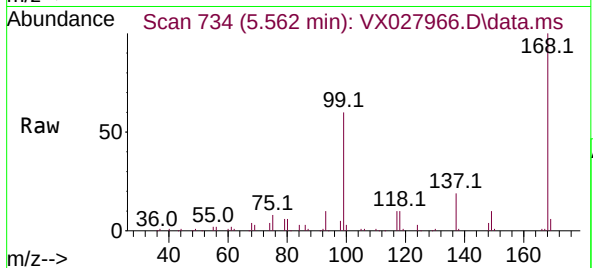
Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

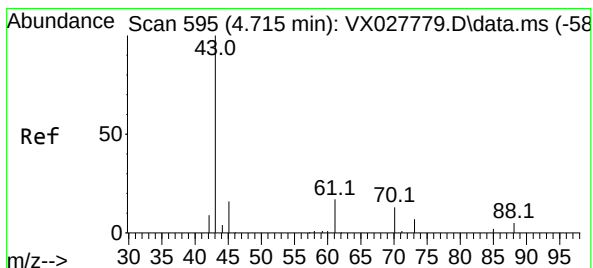
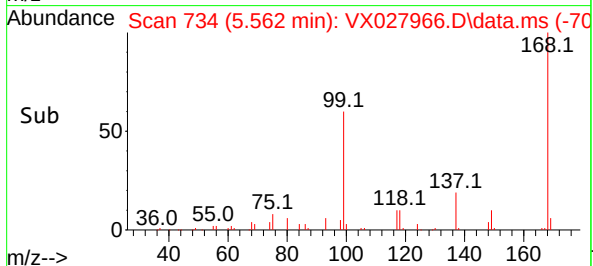
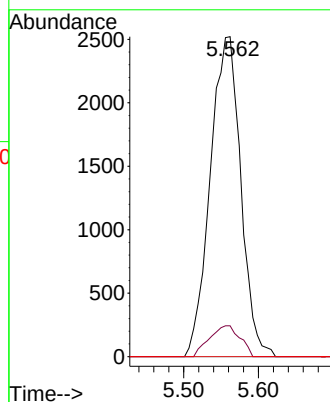
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	75	Resp:	7152
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.3	54.8#
77	0.0	24.8	37.2#



#37

Ethyl Acetate

Concen: 0.939 ug/l

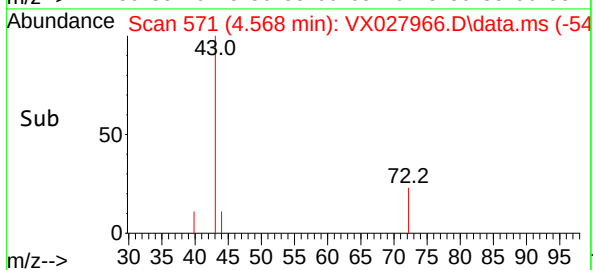
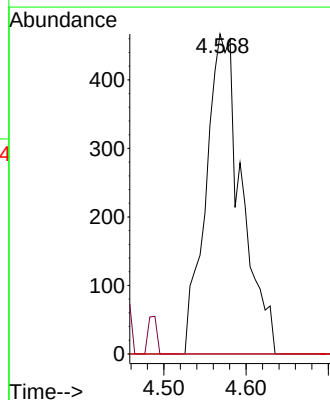
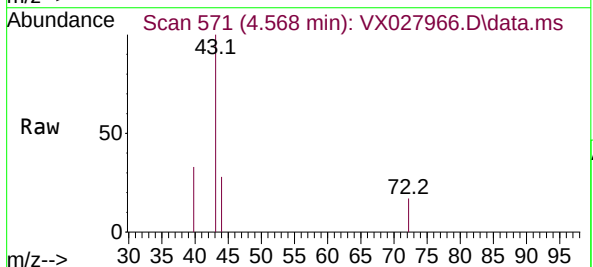
RT: 4.568 min Scan# 571

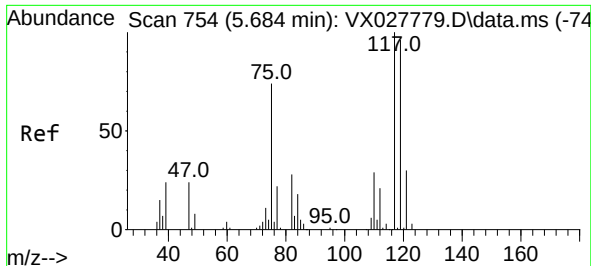
Delta R.T. -0.147 min

Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

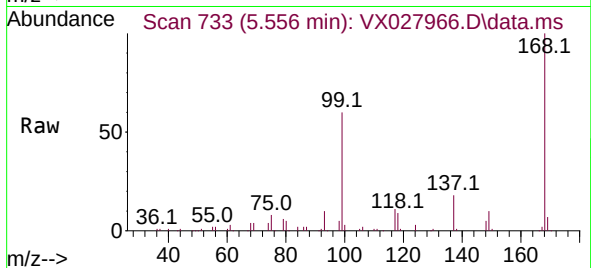
Tgt Ion:	43	Resp:	1412
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	10.2	15.2#



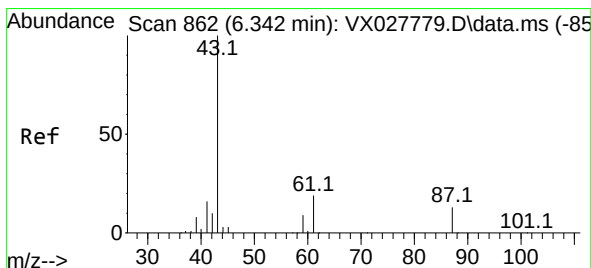
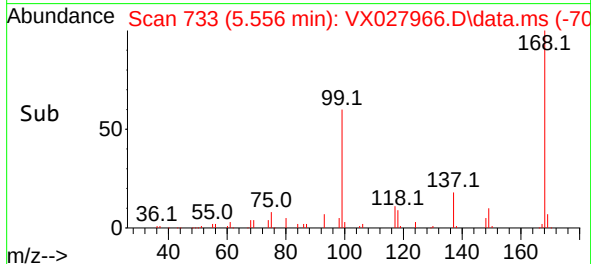
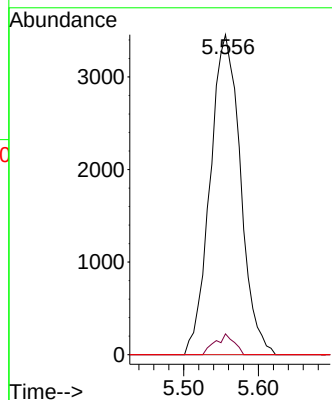


#38
Carbon Tetrachloride
Concen: 7.278 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Instrument :
MSVOA_X
ClientSampleId :

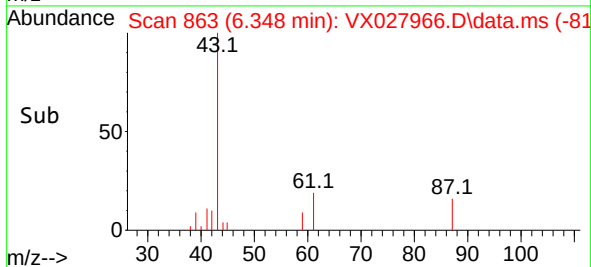
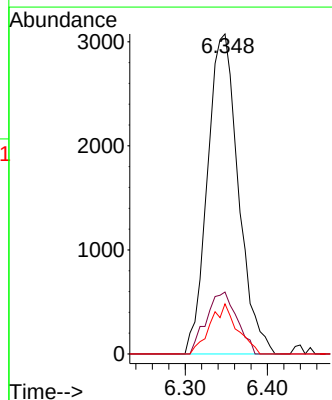
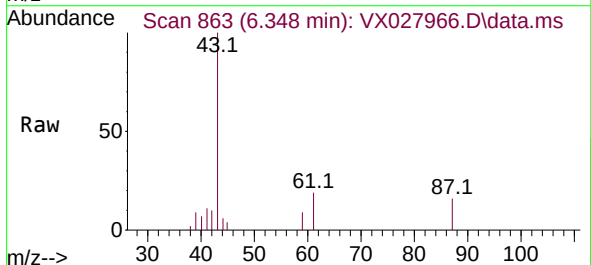


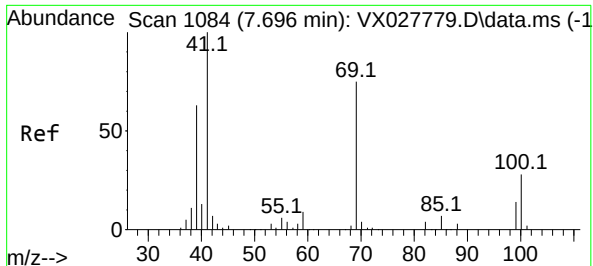
Tgt Ion:117 Resp: 9750
Ion Ratio Lower Upper
117 100
119 6.5 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.337 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Tgt Ion: 43 Resp: 8033
Ion Ratio Lower Upper
43 100
61 19.2 18.5 27.7
87 13.8 13.0 19.6





#48

Methyl methacrylate

Concen: 1.535 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

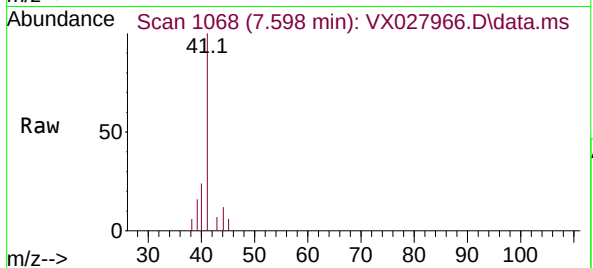
Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

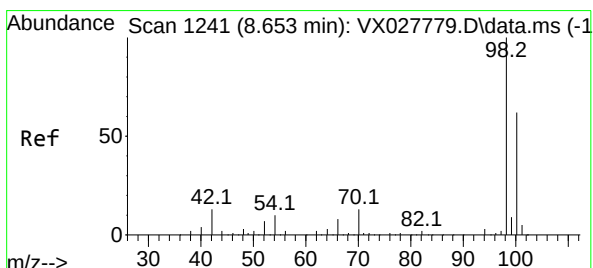
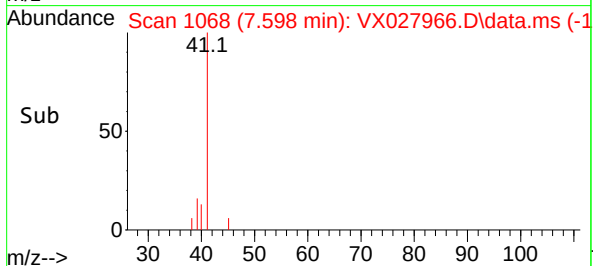
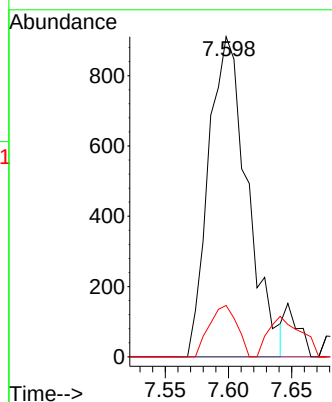
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	41	Resp:	1938
Ion	Ratio	Lower	Upper
41	100		
69	0.0	82.5	123.7#
39	0.0	43.8	65.8#



#50

Toluene-d8

Concen: 50.219 ug/l

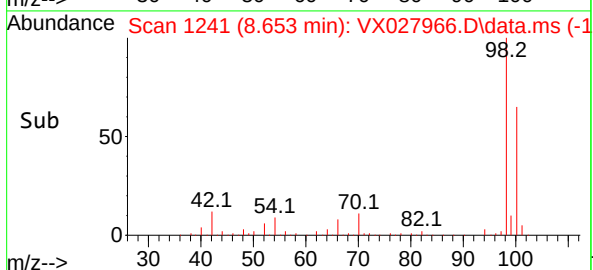
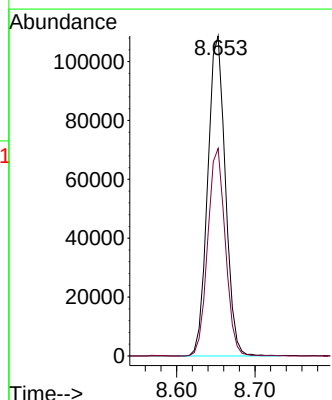
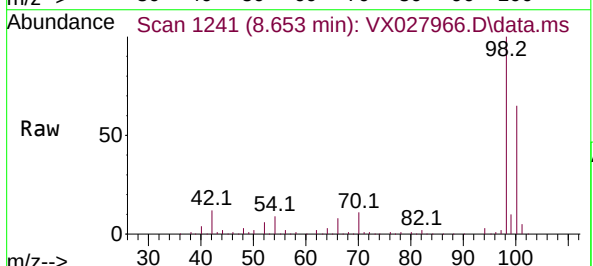
RT: 8.653 min Scan# 1241

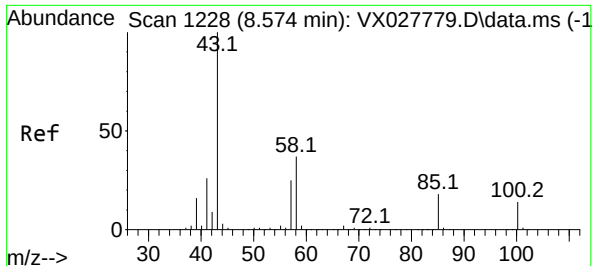
Delta R.T. -0.000 min

Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

Tgt Ion:	98	Resp:	170099
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.6	78.8

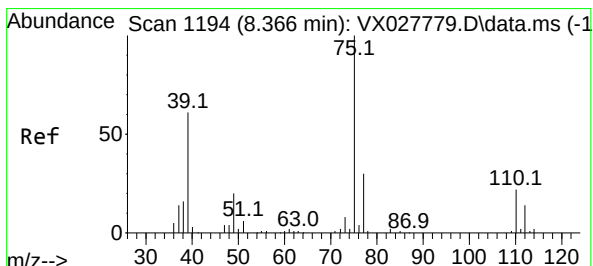
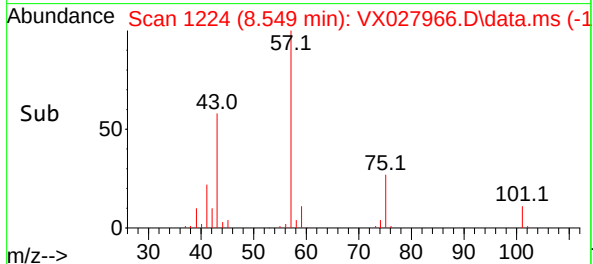
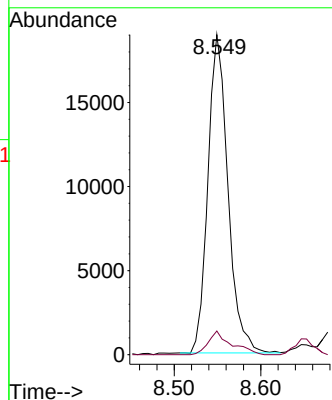
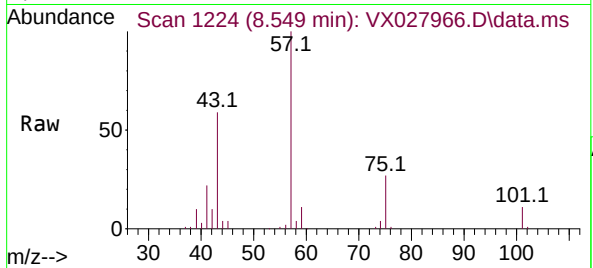




#51
4-Methyl-2-Pentanone
Concen: 18.229 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

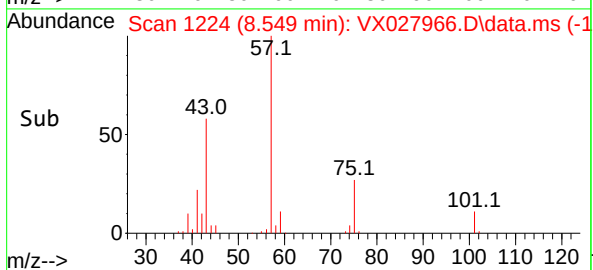
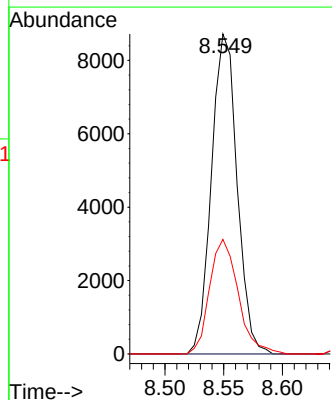
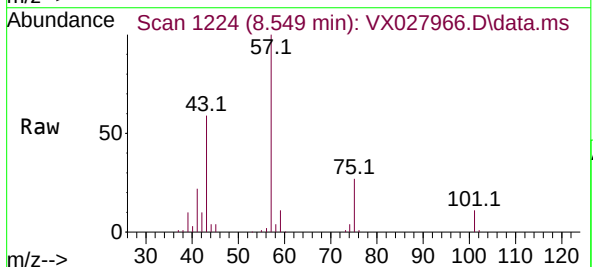
Instrument :
MSVOA_X
ClientSampleId :

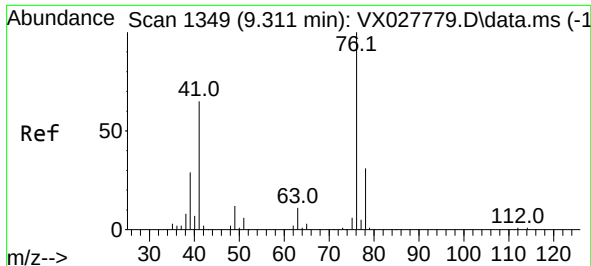
Tgt Ion: 43 Resp: 30446
Ion Ratio Lower Upper
43 100
58 8.5 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 8.494 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Tgt Ion: 75 Resp: 13263
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 35.8 29.6 44.4





#57

1,3-Dichloropropane

Concen: 5.024 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

Instrument :

MSVOA_X

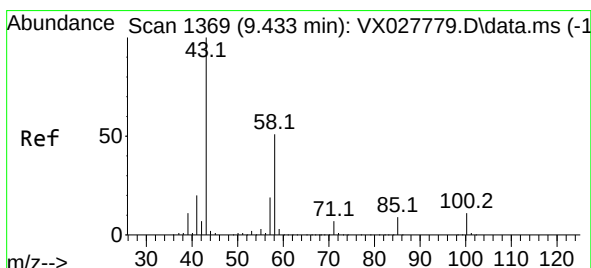
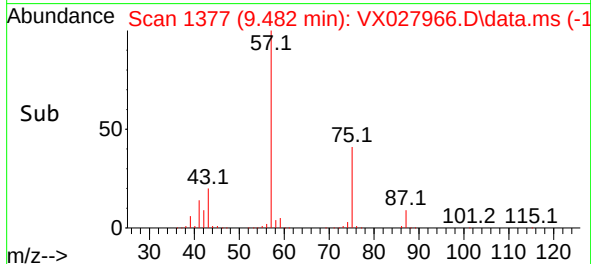
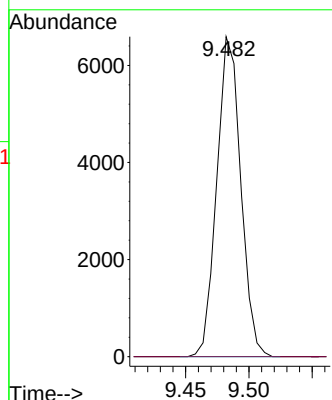
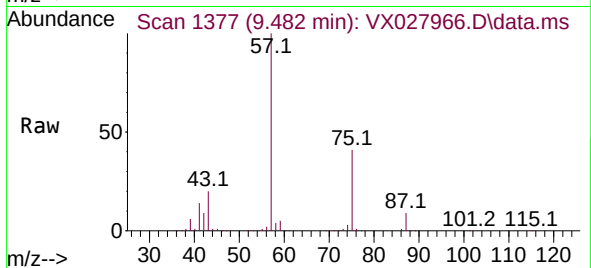
ClientSampleId :

Tgt Ion: 76 Resp: 8680

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.8#



#59

2-Hexanone

Concen: 96.871 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX027966.D

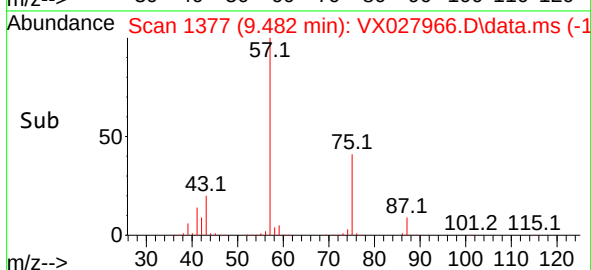
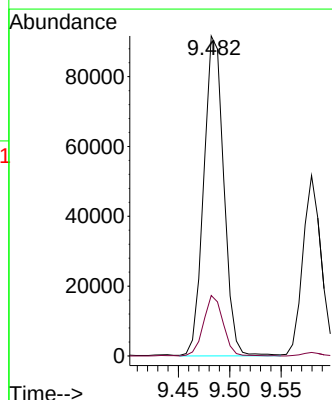
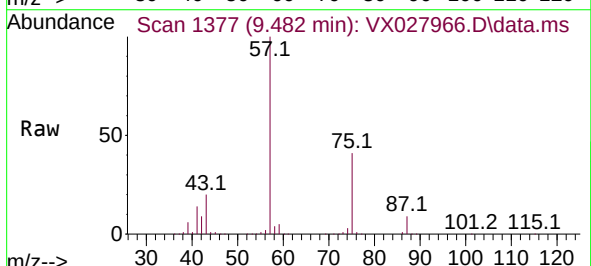
Acq: 04 Apr 2022 18:30

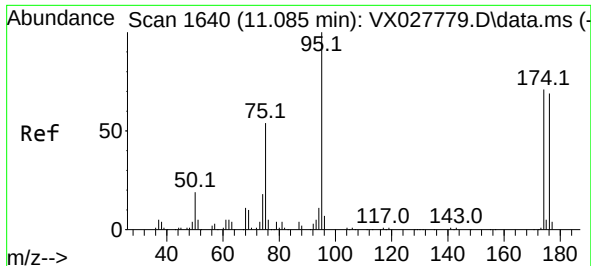
Tgt Ion: 43 Resp: 124576

Ion Ratio Lower Upper

43 100

58 18.4 31.9 95.7#

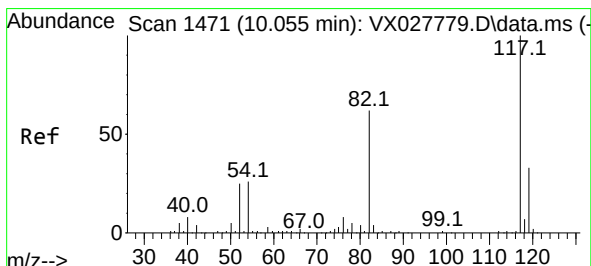
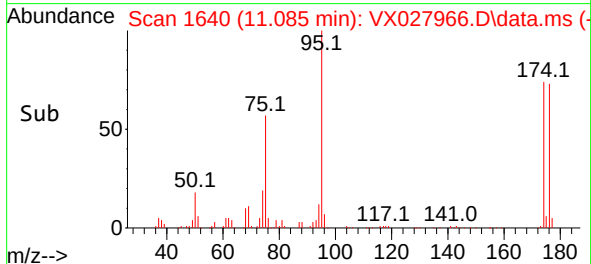
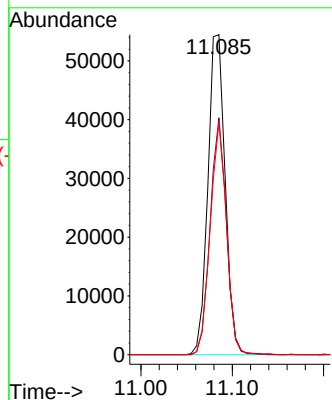
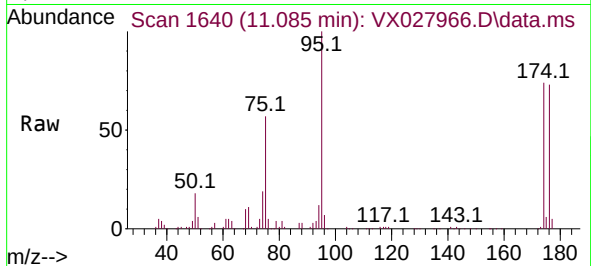




#62
4-Bromofluorobenzene
Concen: 49.516 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

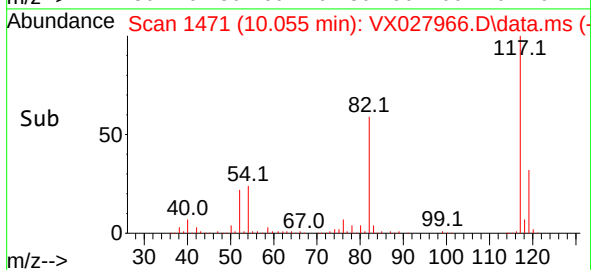
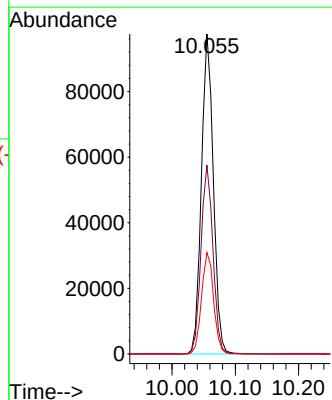
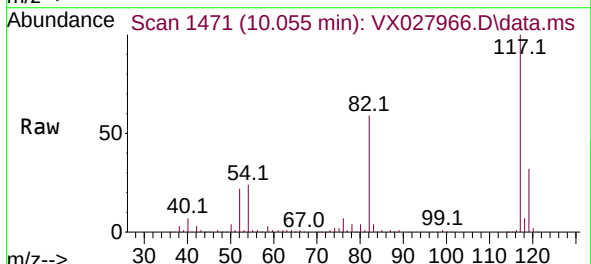
Instrument :
MSVOA_X
ClientSampleId :

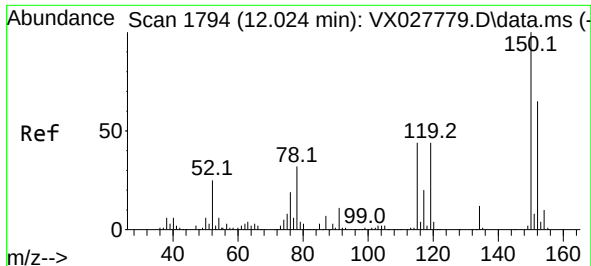
Tgt Ion: 95 Resp: 71275
Ion Ratio Lower Upper
95 100
174 69.6 0.0 163.0
176 68.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027966.D
Acq: 04 Apr 2022 18:30

Tgt Ion: 117 Resp: 128043
Ion Ratio Lower Upper
117 100
82 59.0 41.8 62.8
119 31.7 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

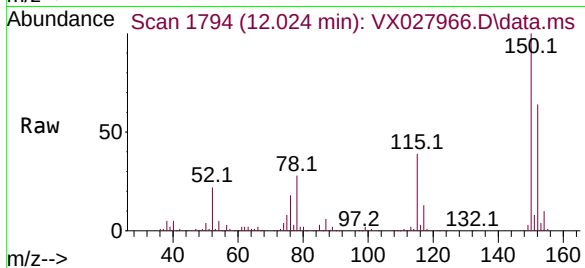
Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

Instrument :

MSVOA_X

ClientSampleId :



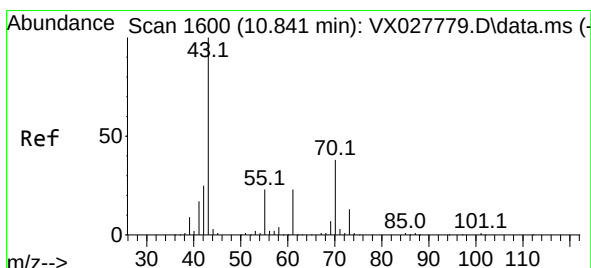
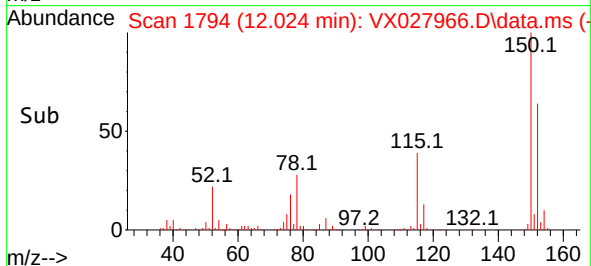
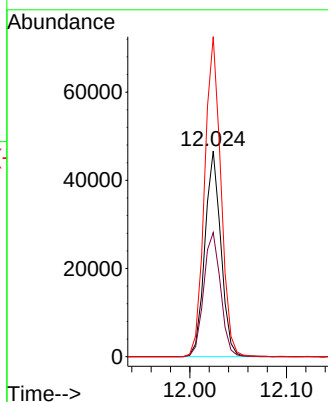
Tgt Ion:152 Resp: 53600

Ion Ratio Lower Upper

152 100

115 63.7 37.5 112.7

150 158.2 0.0 338.2



#74

N-ethyl acetate

Concen: 0.296 ug/l

RT: 10.781 min Scan# 1590

Delta R.T. -0.060 min

Lab File: VX027966.D

Acq: 04 Apr 2022 18:30

Tgt Ion: 43 Resp: 532

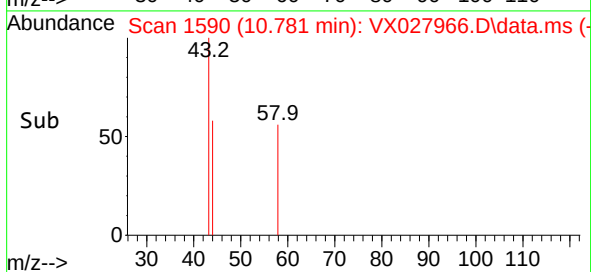
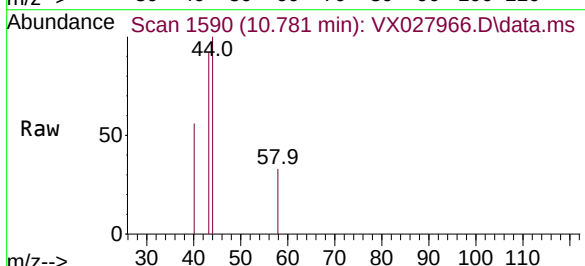
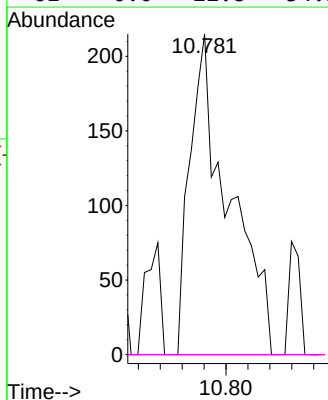
Ion Ratio Lower Upper

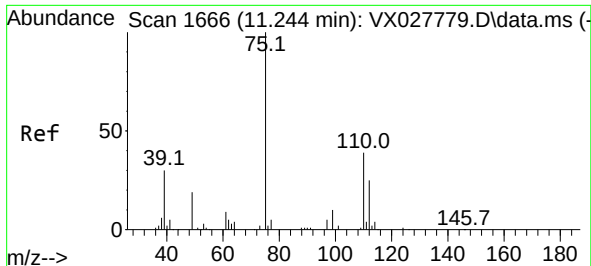
43 100

70 0.0 42.5 63.7#

55 0.0 23.1 34.7#

61 0.0 22.8 34.2#

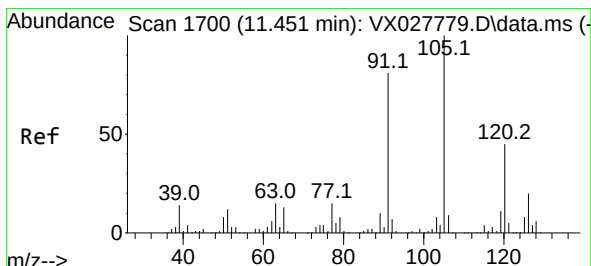
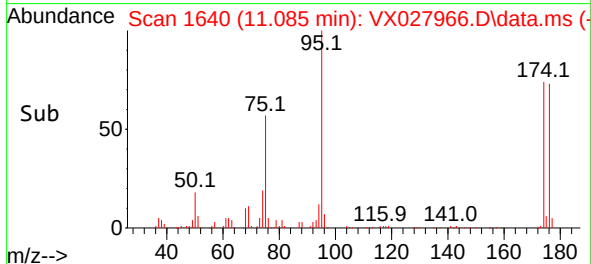
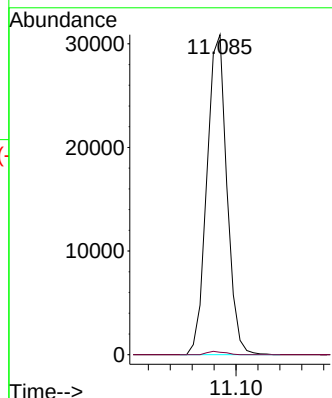
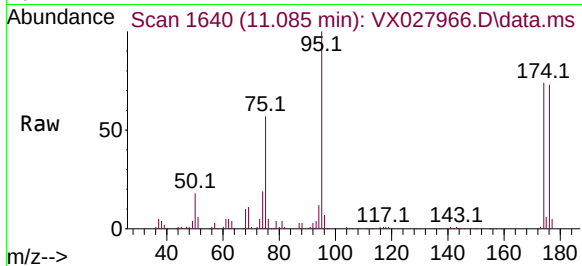




#76
 1,2,3-Trichloropropane
 Concen: 31.042 ug/l
 RT: 11.085 min Scan# 1100
 Delta R.T. -0.159 min
 Lab File: VX027966.D
 Acq: 04 Apr 2022 18:30

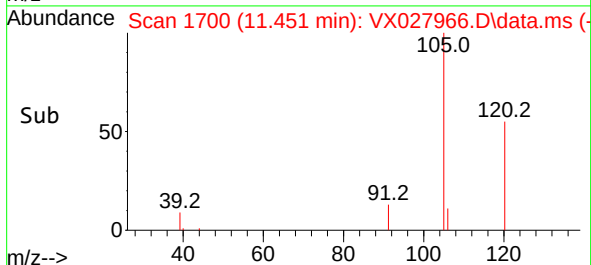
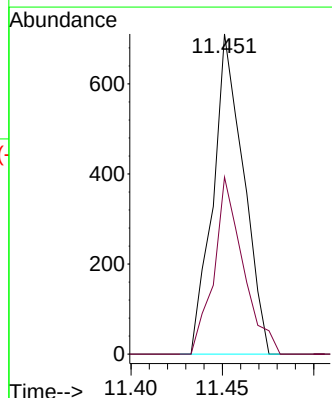
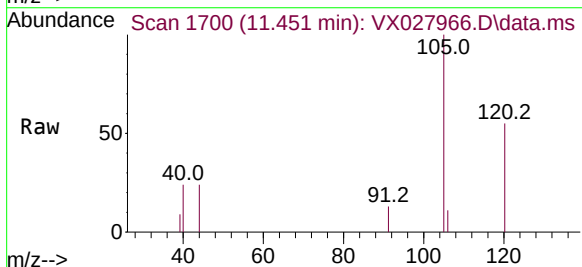
Instrument :
 MSVOA_X
 ClientSampleId :

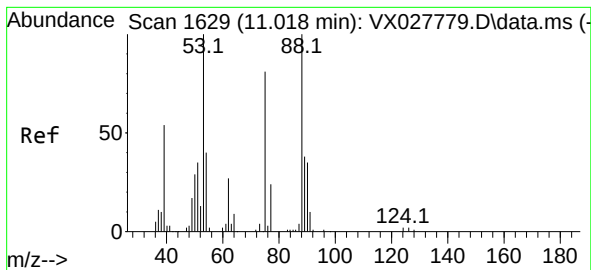
Tgt Ion: 75 Resp: 39031
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.4 58.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.238 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX027966.D
 Acq: 04 Apr 2022 18:30

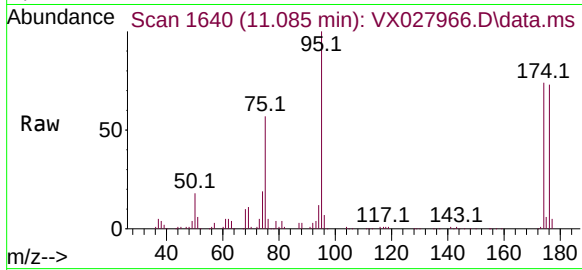
Tgt Ion: 105 Resp: 824
 Ion Ratio Lower Upper
 105 100
 120 52.9 24.3 72.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.297 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX027966.D
 Acq: 04 Apr 2022 18:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 39031
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

