

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027968.D
 Acq On : 04 Apr 2022 19:17
 Operator : JC/MD
 Sample : PB143824ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 05 05:53:36 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)

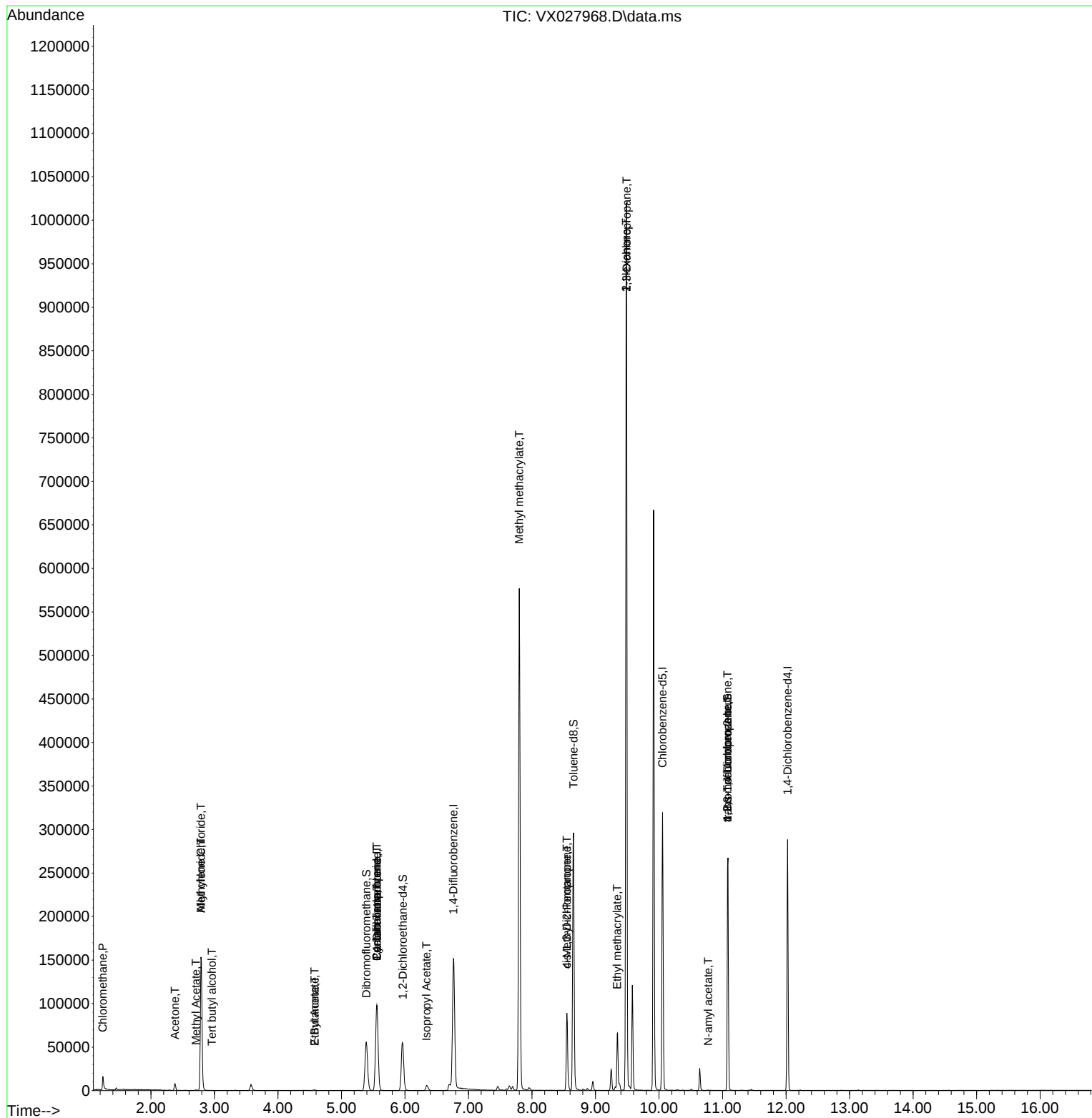
Internal Standards						
1) Pentafluorobenzene	5.556	168	93834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	148479	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56485	46.654	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.300%
35) Dibromofluoromethane	5.391	113	48689	50.803	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.600%
50) Toluene-d8	8.653	98	174873	51.859	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.720%
62) 4-Bromofluorobenzene	11.079	95	73273	51.132	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.239	50	320	0.426	ug/l #	42
11) Tert butyl alcohol	2.959	59	181	0.778	ug/l #	72
14) Allyl chloride	2.788	41	2455	1.659	ug/l #	25
16) Acetone	2.380	43	8405	15.686	ug/l	94
18) Methyl Acetate	2.709	43	997	0.755	ug/l #	73
20) Methylene Chloride	2.788	84	65799	68.272	ug/l #	87
25) 2-Butanone	4.574	43	1412	1.811	ug/l #	71
31) Cyclohexane	5.556	56	1706	1.275	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7168	5.938	ug/l #	50
37) Ethyl Acetate	4.574	43	1412	0.944	ug/l #	65
38) Carbon Tetrachloride	5.556	117	9635	7.225	ug/l #	15
43) Isopropyl Acetate	6.336	43	8257	3.445	ug/l	95
48) Methyl methacrylate	7.799	41	51272	40.789	ug/l #	33
51) 4-Methyl-2-Pentanone	8.549	43	31880	19.173	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	13658	8.786	ug/l #	73
56) Ethyl methacrylate	9.342	69	345	0.213	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	9192	5.345	ug/l #	42
59) 2-Hexanone	9.482	43	126109	98.502	ug/l #	42
74) N-amyl acetate	10.774	43	425	0.229	ug/l #	36
76) 1,2,3-Trichloropropane	11.079	75	40293	31.065	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	40293	90.361	ug/l #	15

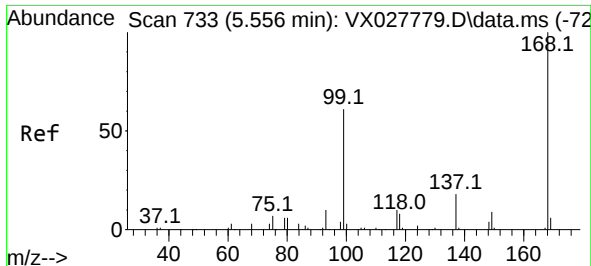
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
Data File : VX027968.D
Acq On : 04 Apr 2022 19:17
Operator : JC/MD
Sample : PB143824ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 05 05:53:36 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



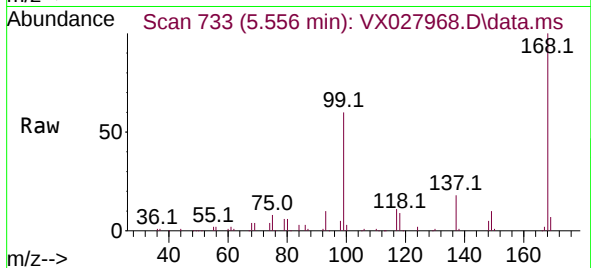


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

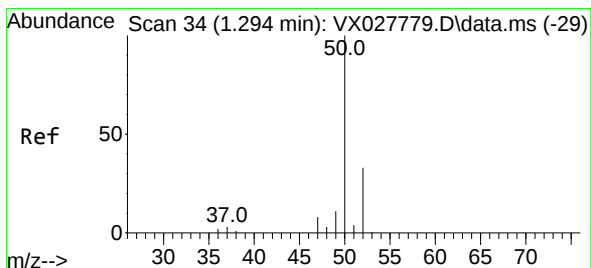
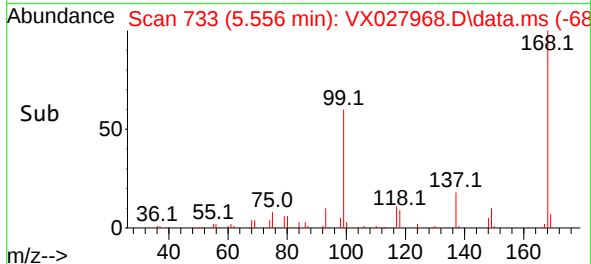
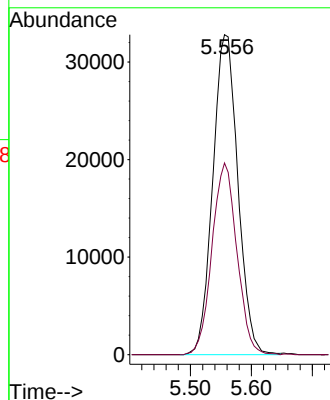
Instrument :

MSVOA_X

ClientSampleId :

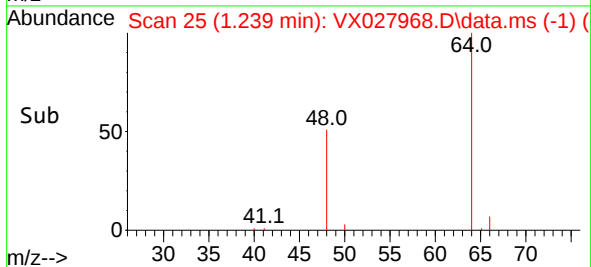
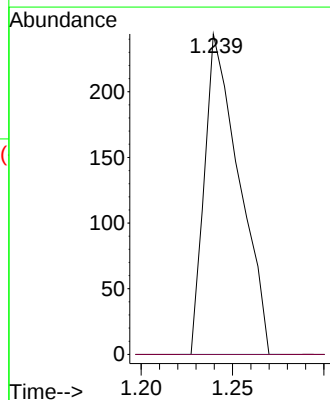
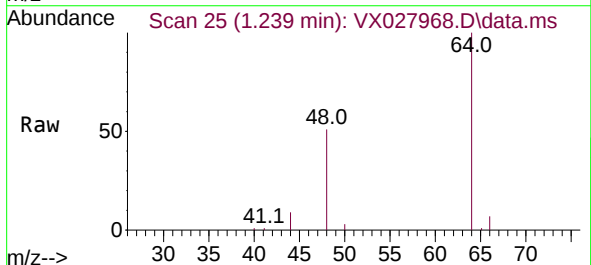


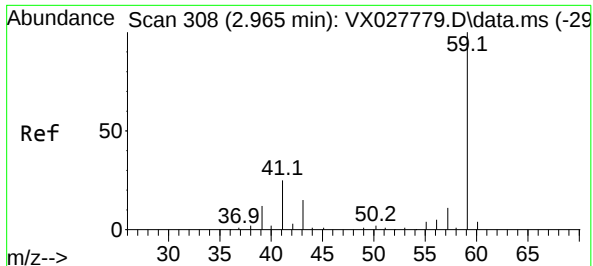
Tgt Ion:168 Resp: 93834
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5



#3
Chloromethane
Concen: 0.426 ug/l
RT: 1.239 min Scan# 25
Delta R.T. -0.055 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

Tgt Ion: 50 Resp: 320
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#





#11

Tert butyl alcohol

Concen: 0.778 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX027968.D

Acq: 04 Apr 2022 19:17

Instrument :

MSVOA_X

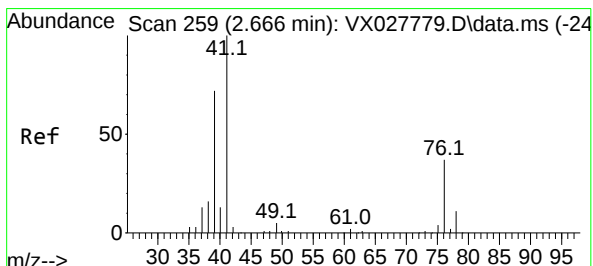
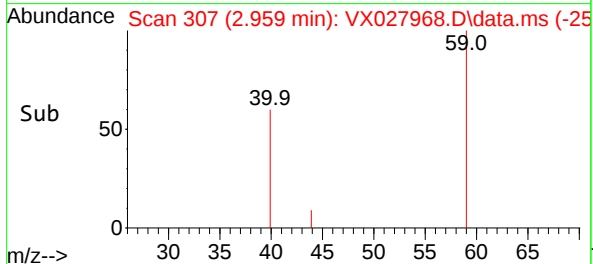
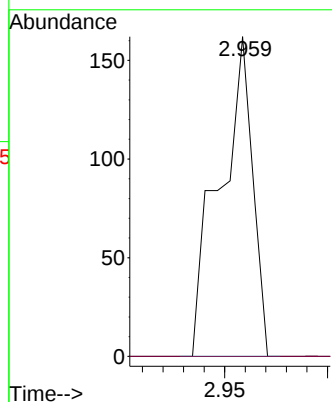
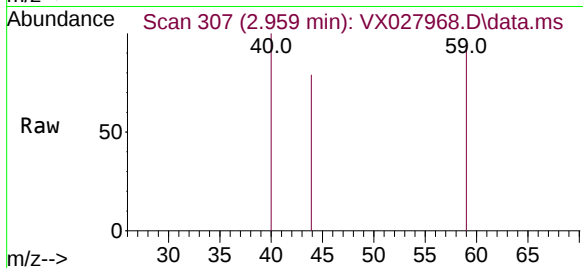
ClientSampleId :

Tgt Ion: 59 Resp: 181

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 1.659 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.122 min

Lab File: VX027968.D

Acq: 04 Apr 2022 19:17

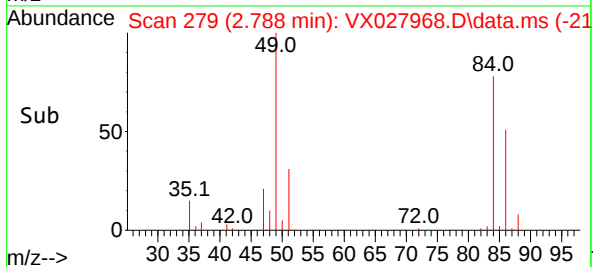
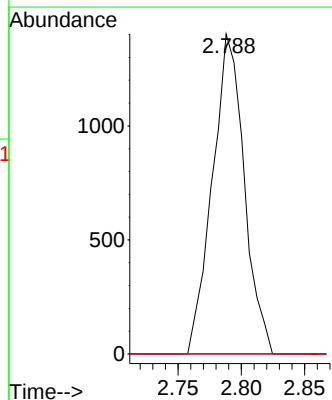
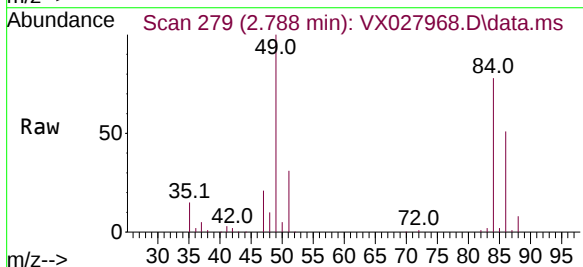
Tgt Ion: 41 Resp: 2455

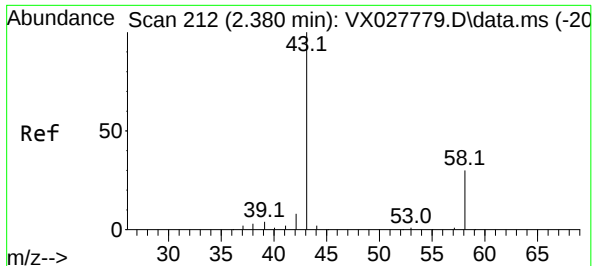
Ion Ratio Lower Upper

41 100

39 0.0 50.4 75.6#

76 0.0 32.7 49.1#

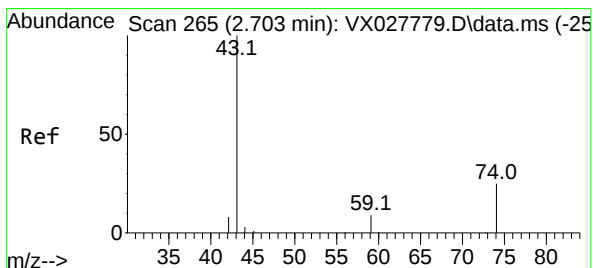
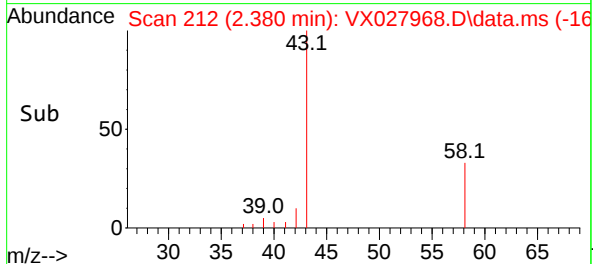
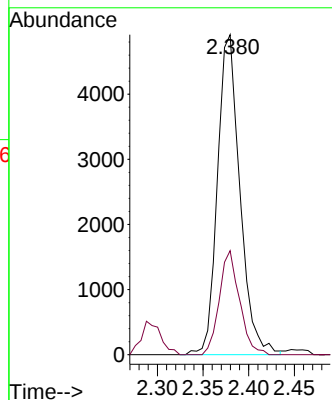
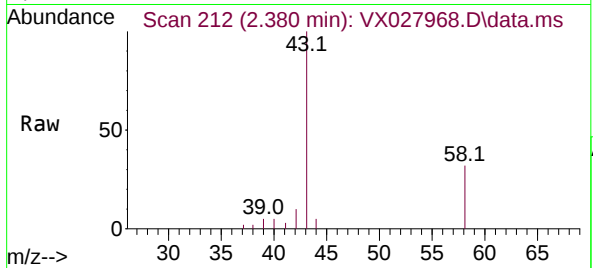




#16
Acetone
Concen: 15.686 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

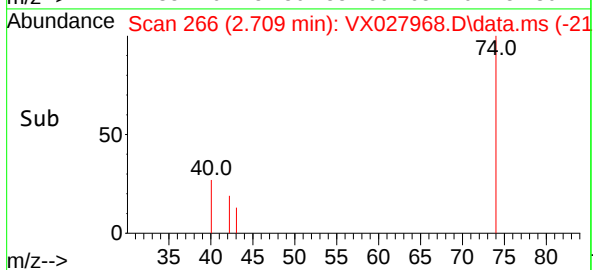
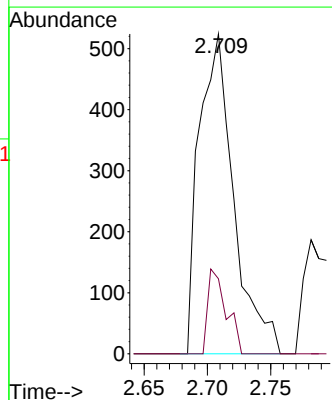
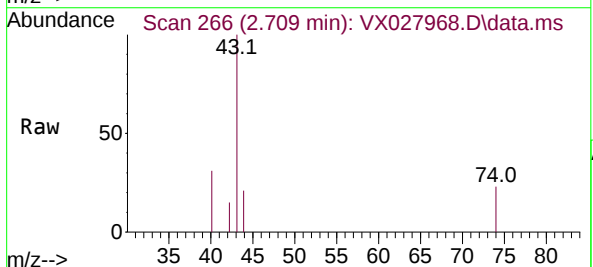
Instrument :
MSVOA_X
ClientSampleId :

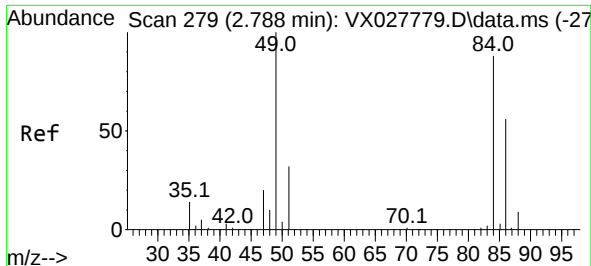
Tgt Ion: 43 Resp: 8405
Ion Ratio Lower Upper
43 100
58 32.5 28.8 43.2



#18
Methyl Acetate
Concen: 0.755 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
74 14.1 22.8 34.2#





#20

Methylene Chloride

Concen: 68.272 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

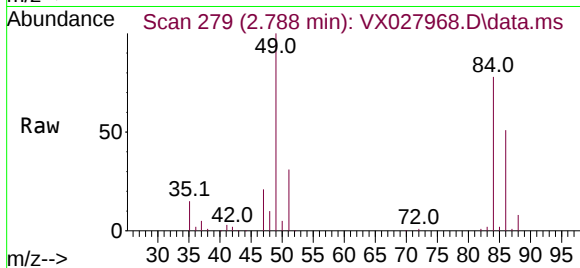
Lab File: VX027968.D

Acq: 04 Apr 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 65799

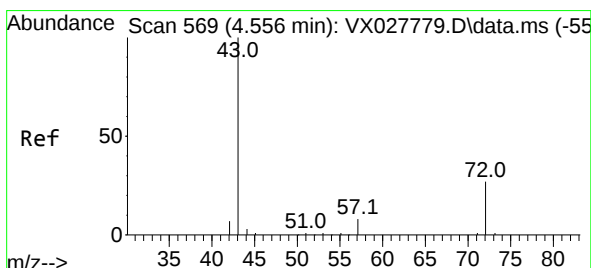
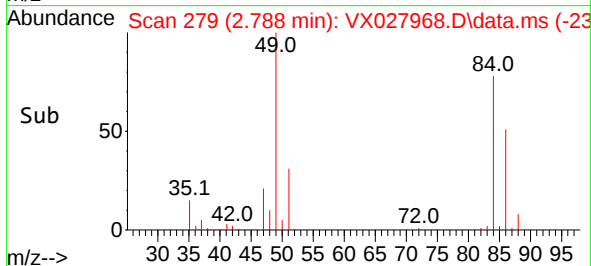
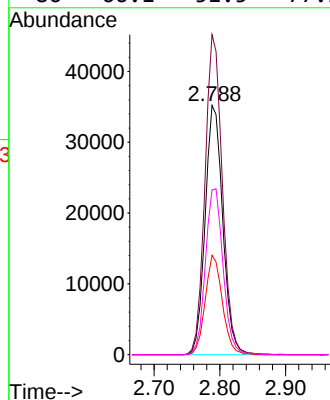
Ion Ratio Lower Upper

84 100

49 128.4 85.5 128.3#

51 39.8 26.6 39.8#

86 66.1 51.5 77.3



#25

2-Butanone

Concen: 1.811 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.018 min

Lab File: VX027968.D

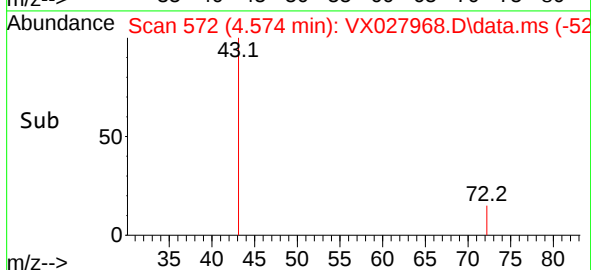
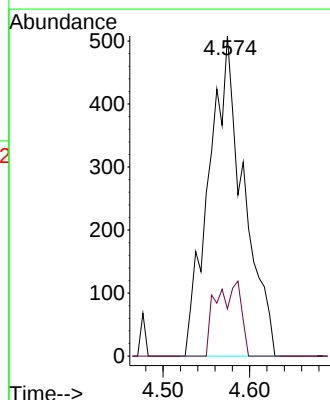
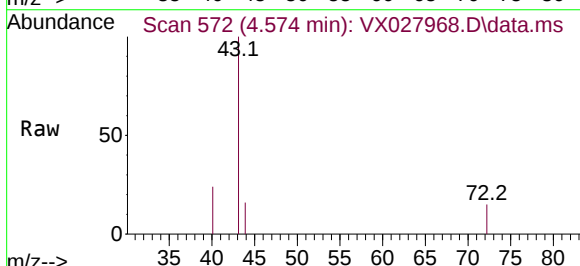
Acq: 04 Apr 2022 19:17

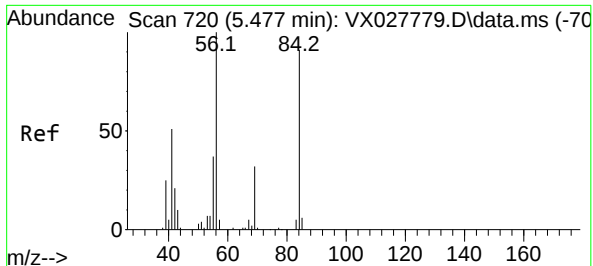
Tgt Ion: 43 Resp: 1412

Ion Ratio Lower Upper

43 100

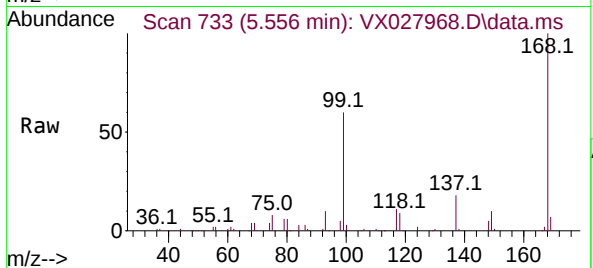
72 14.8 24.4 36.6#



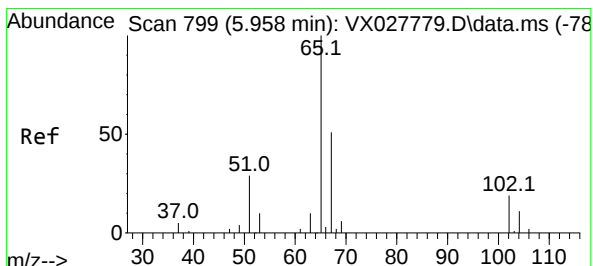
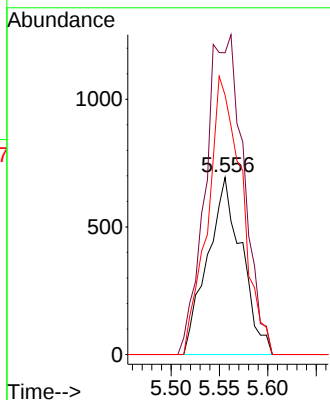
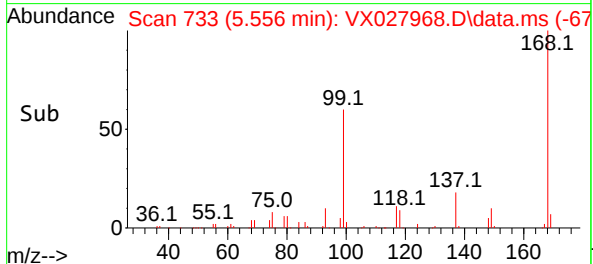


#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :

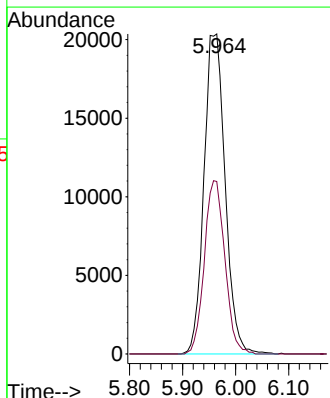
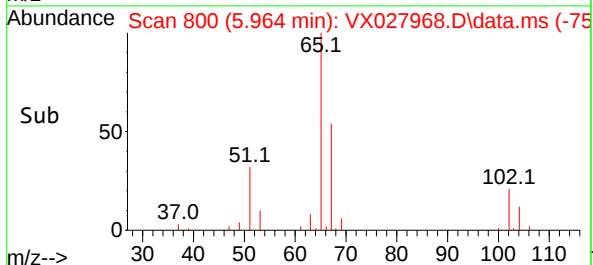
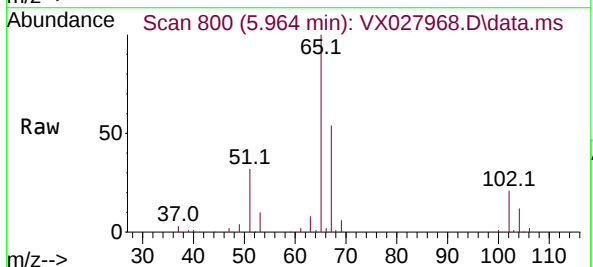


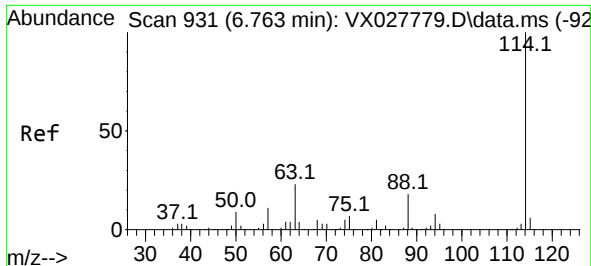
Tgt Ion: 56 Resp: 1706
Ion Ratio Lower Upper
56 100
69 170.3 26.7 40.1#
84 146.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 46.654 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

Tgt Ion: 65 Resp: 56485
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

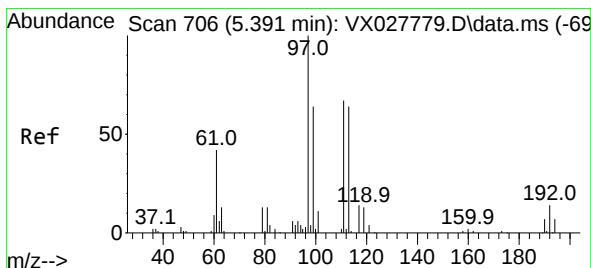
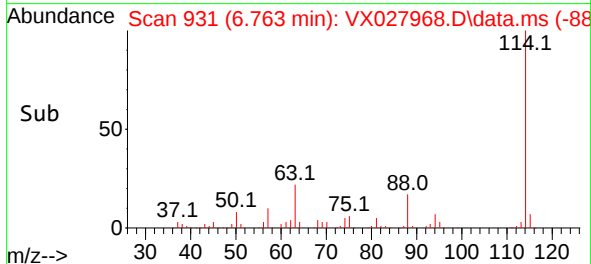
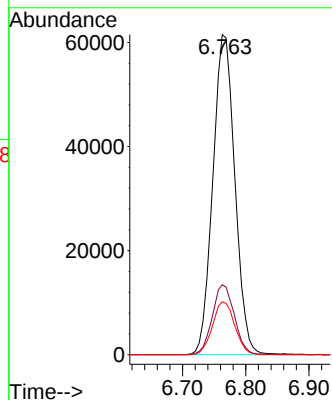
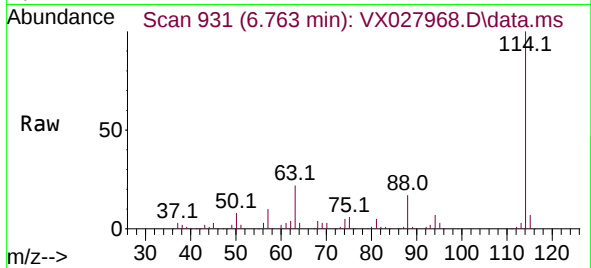




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

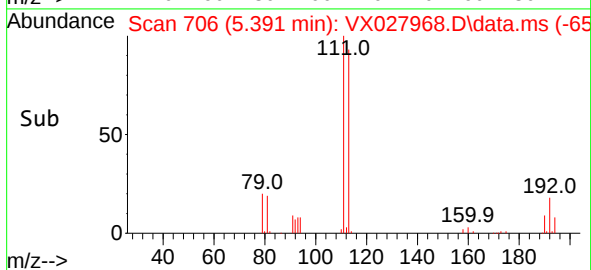
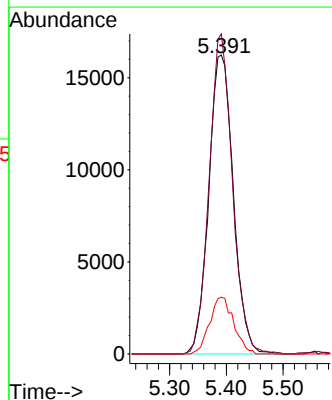
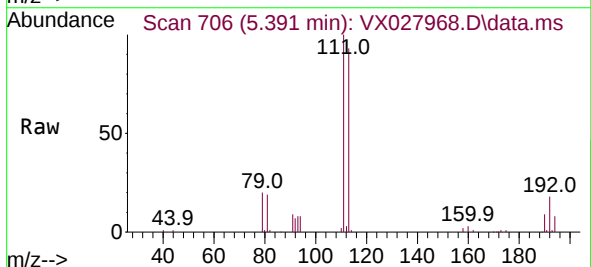
Instrument :
MSVOA_X
ClientSampleId :

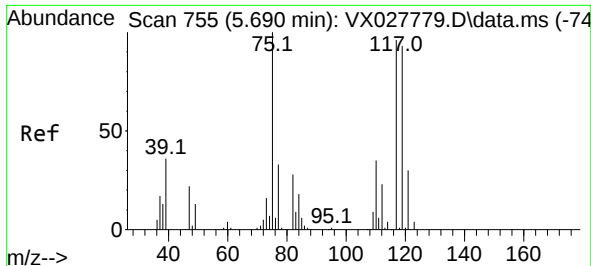
Tgt Ion:114 Resp: 148479
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.8
88 16.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.803 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

Tgt Ion:113 Resp: 48689
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.938 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

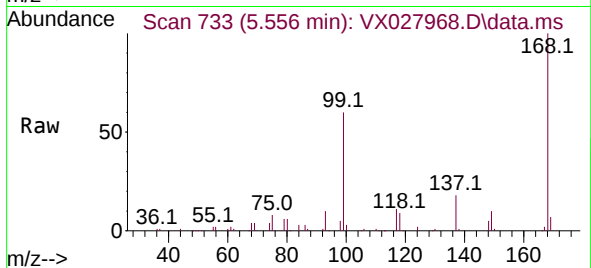
Lab File: VX027968.D

Acq: 04 Apr 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :



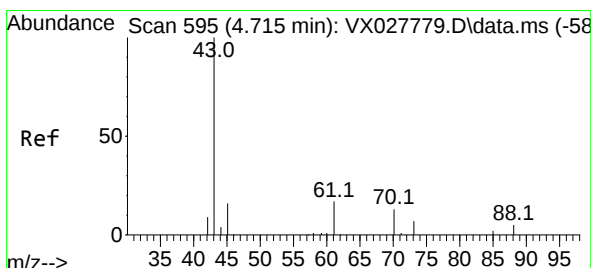
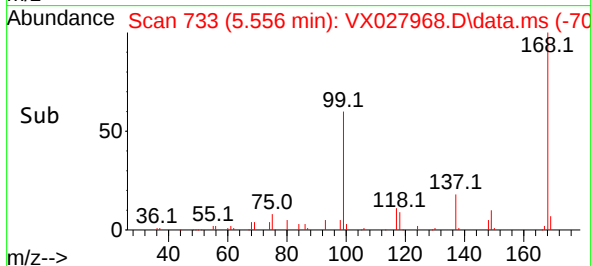
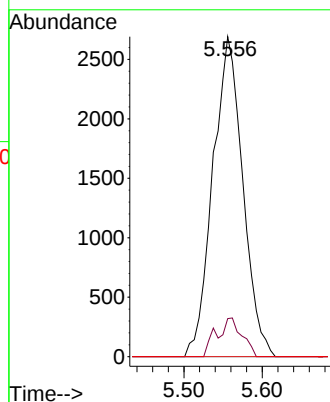
Tgt Ion: 75 Resp: 7168

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.944 ug/l

RT: 4.574 min Scan# 572

Delta R.T. -0.141 min

Lab File: VX027968.D

Acq: 04 Apr 2022 19:17

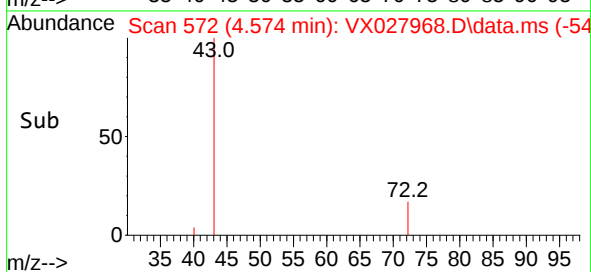
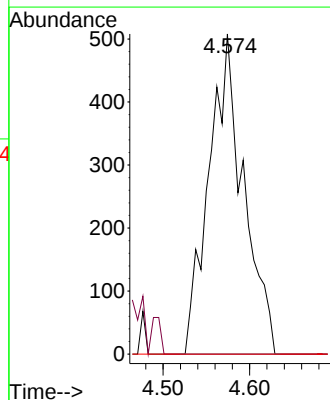
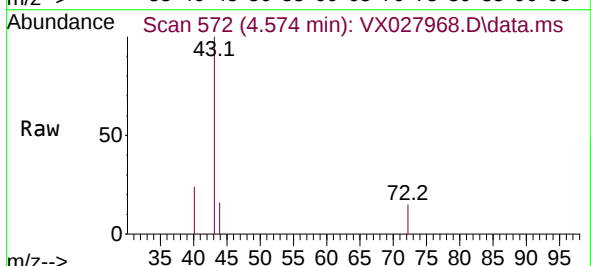
Tgt Ion: 43 Resp: 1412

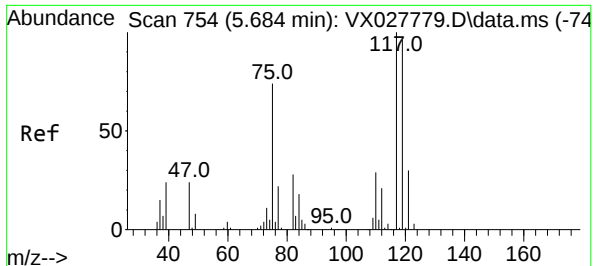
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

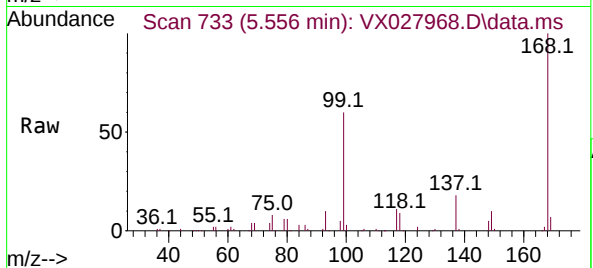
70 0.0 10.2 15.2#



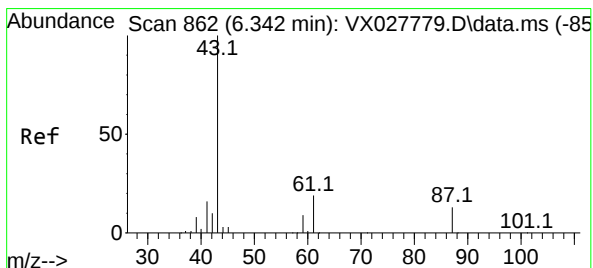
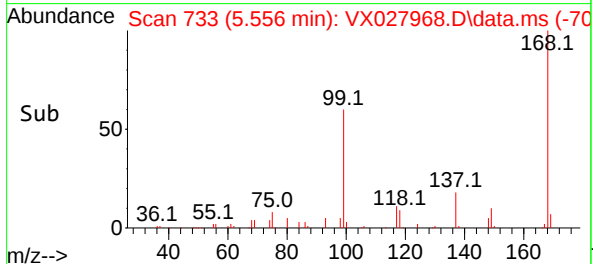
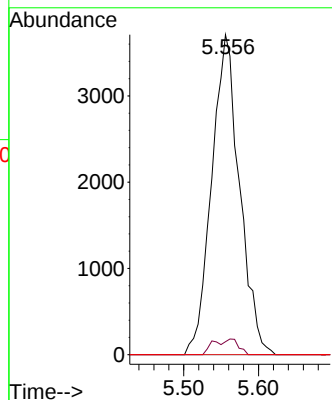


#38
Carbon Tetrachloride
Concen: 7.225 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :

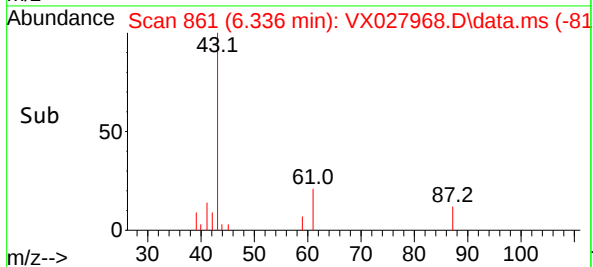
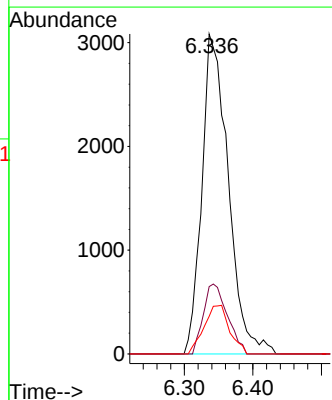
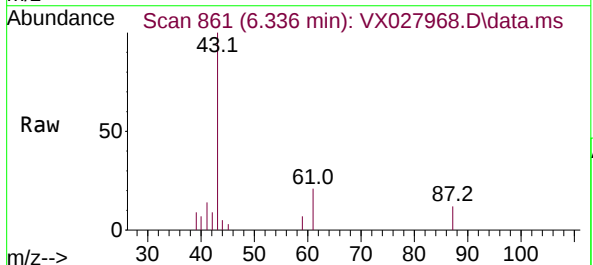


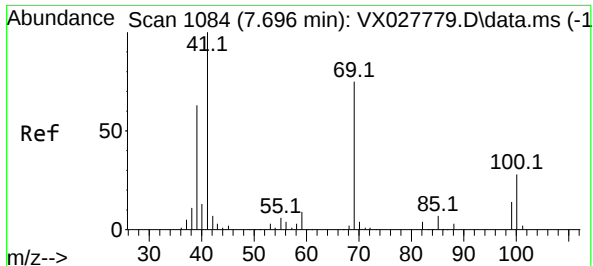
Tgt Ion:117 Resp: 9635
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.445 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

Tgt Ion: 43 Resp: 8257
Ion Ratio Lower Upper
43 100
61 19.9 18.5 27.7
87 14.6 13.0 19.6





#48

Methyl methacrylate

Concen: 40.789 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX027968.D

Acq: 04 Apr 2022 19:17

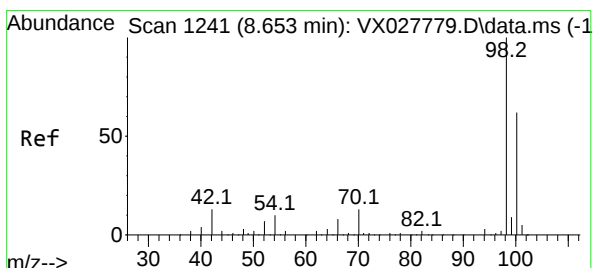
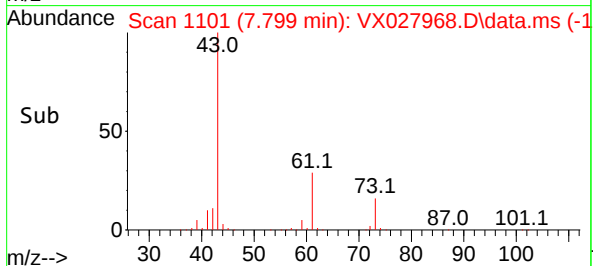
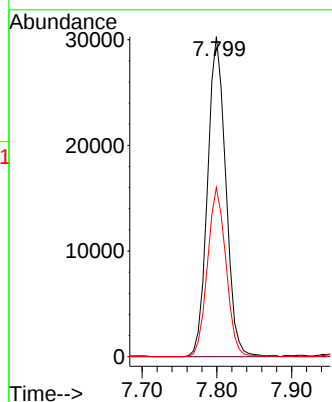
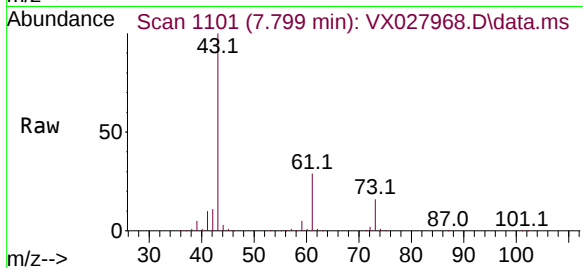
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41 Resp: 51272

Ion	Ratio	Lower	Upper
41	100		
69	0.0	82.5	123.7#
39	53.5	43.8	65.8



#50

Toluene-d8

Concen: 51.859 ug/l

RT: 8.653 min Scan# 1241

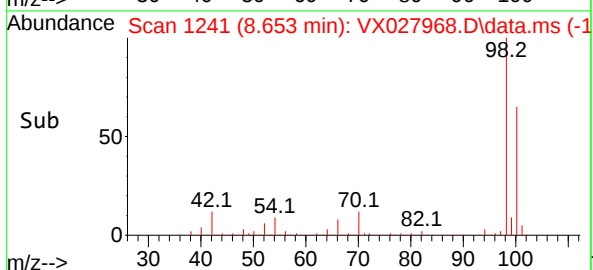
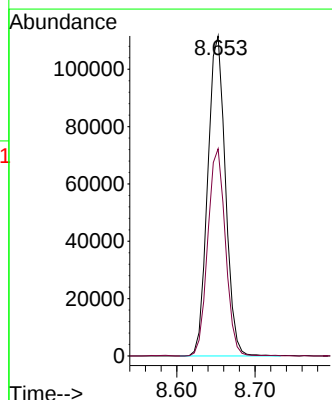
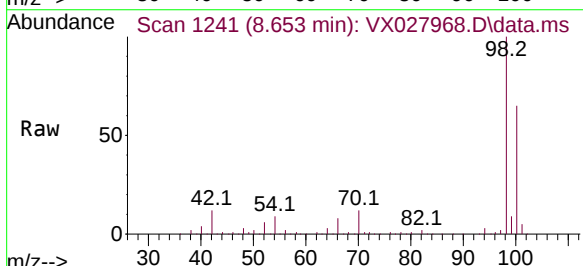
Delta R.T. -0.000 min

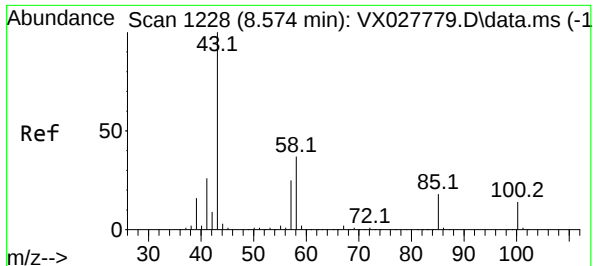
Lab File: VX027968.D

Acq: 04 Apr 2022 19:17

Tgt Ion: 98 Resp: 174873

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8

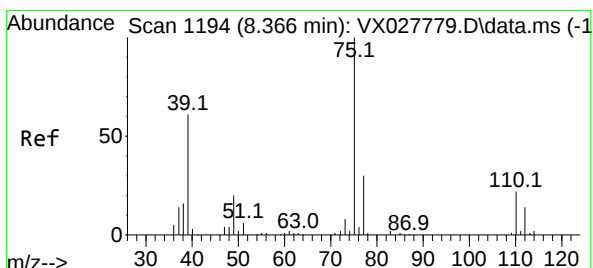
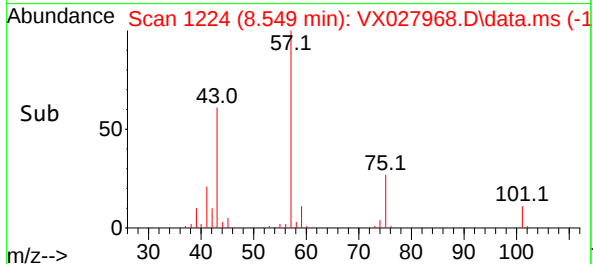
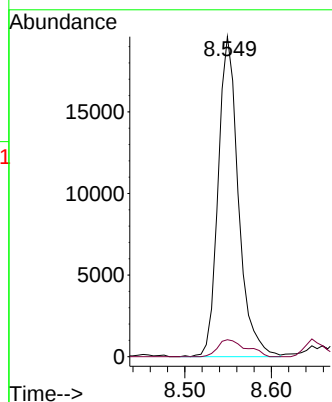
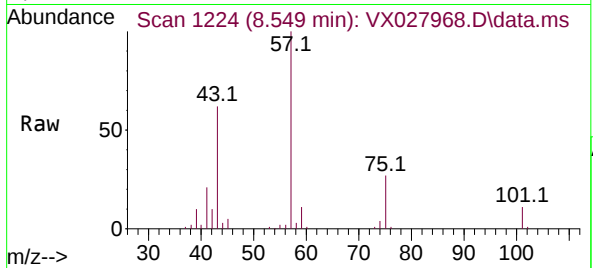




#51
4-Methyl-2-Pentanone
Concen: 19.173 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

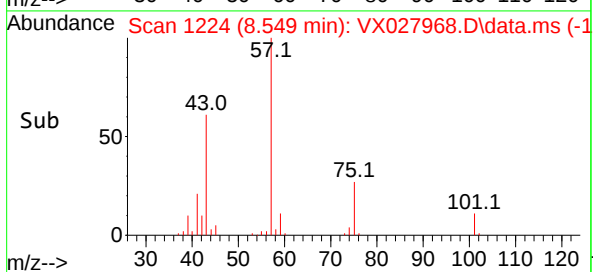
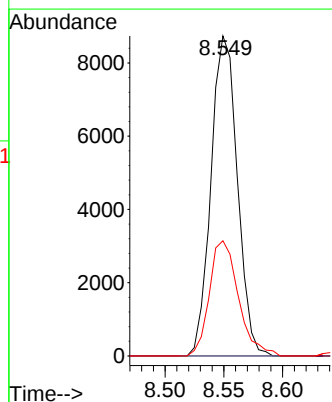
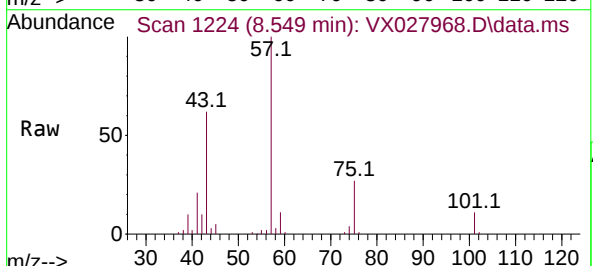
Instrument :
MSVOA_X
ClientSampleId :

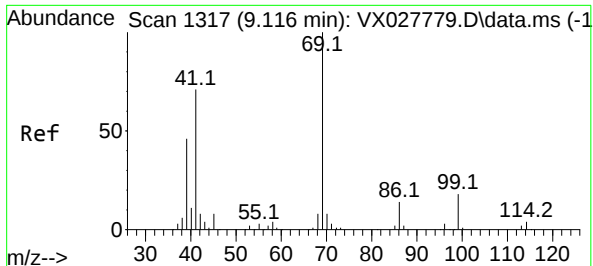
Tgt Ion: 43 Resp: 31880
Ion Ratio Lower Upper
43 100
58 7.5 36.1 54.1#



#54
cis-1,3-Dichloropropene
Concen: 8.786 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

Tgt Ion: 75 Resp: 13658
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
39 36.0 29.6 44.4





#56

Ethyl methacrylate

Concen: 0.213 ug/l

RT: 9.342 min Scan# 11

Delta R.T. 0.226 min

Lab File: VX027968.D

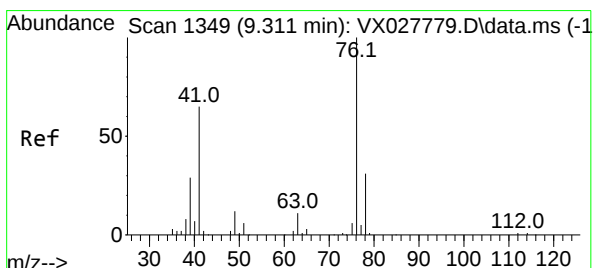
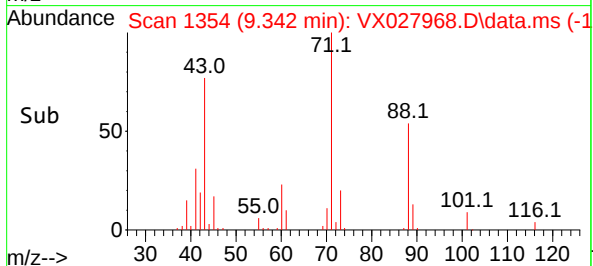
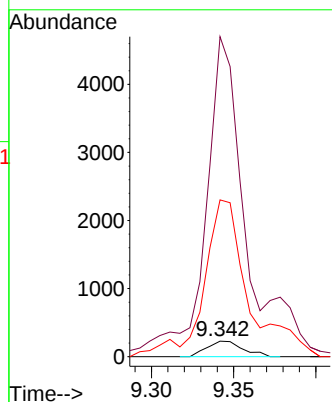
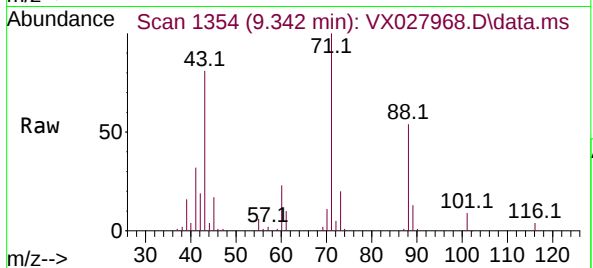
Acq: 04 Apr 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	69	Resp:	345
Ion	Ratio	Lower	Upper
69	100		
41	2148.1	43.8	65.6#
39	1249.6	22.2	33.2#



#57

1,3-Dichloropropane

Concen: 5.345 ug/l

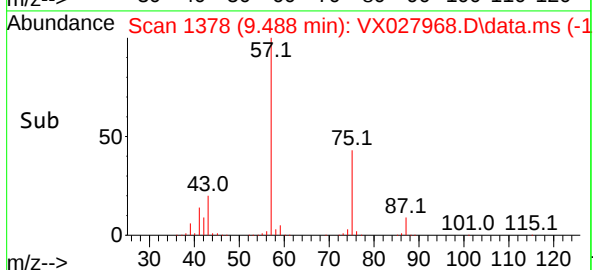
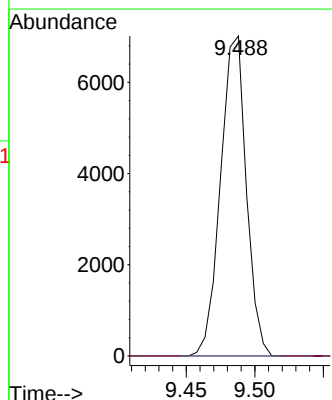
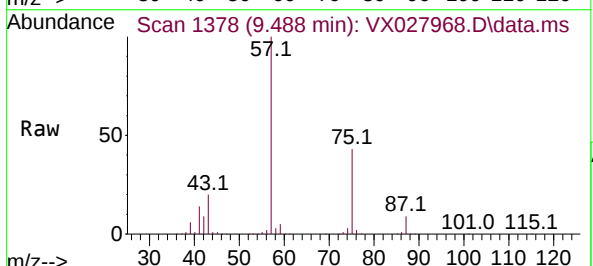
RT: 9.488 min Scan# 1378

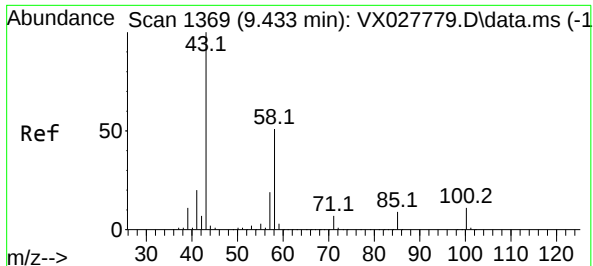
Delta R.T. 0.177 min

Lab File: VX027968.D

Acq: 04 Apr 2022 19:17

Tgt Ion:	76	Resp:	9192
Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

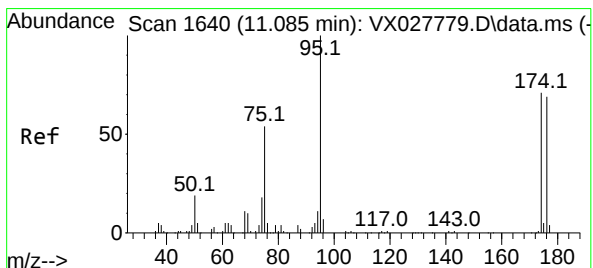
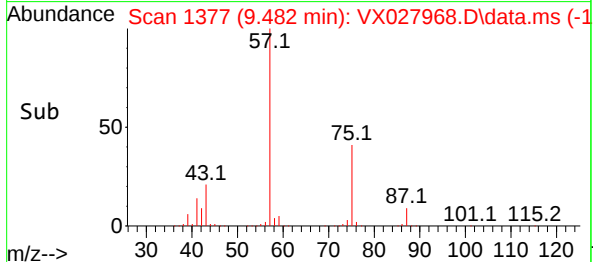
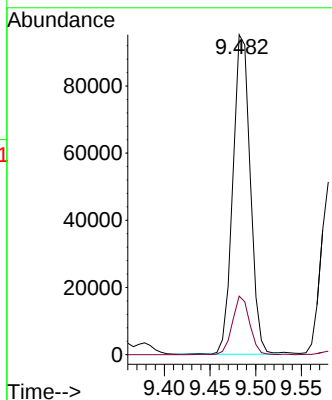
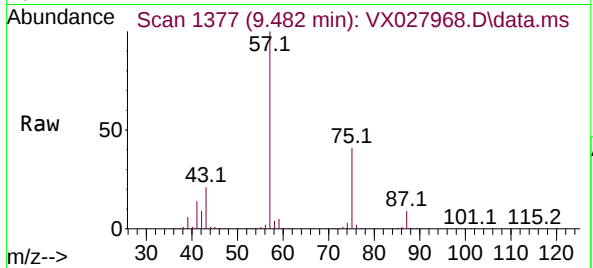




#59
2-Hexanone
Concen: 98.502 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

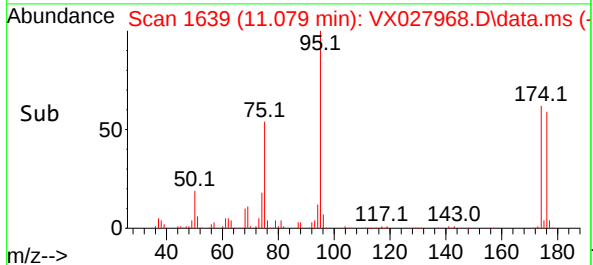
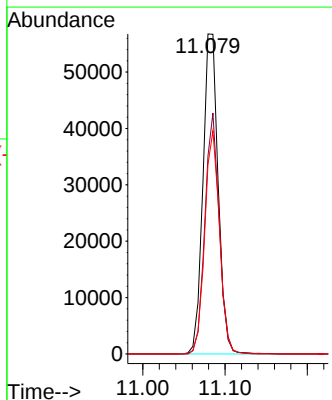
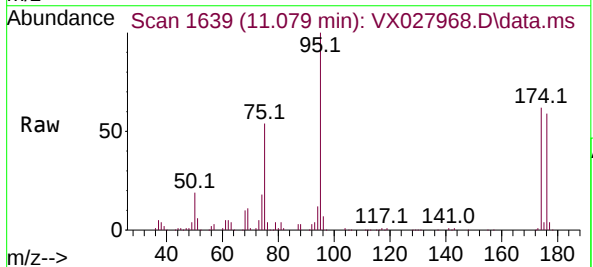
Instrument :
MSVOA_X
ClientSampleId :

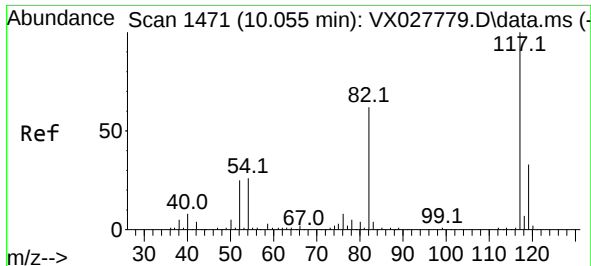
Tgt Ion: 43 Resp: 126109
Ion Ratio Lower Upper
43 100
58 18.2 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 51.132 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

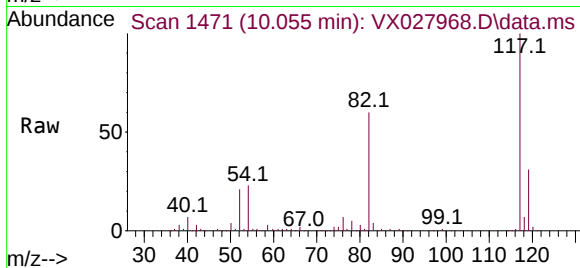
Tgt Ion: 95 Resp: 73273
Ion Ratio Lower Upper
95 100
174 70.8 0.0 163.0
176 67.3 0.0 155.0



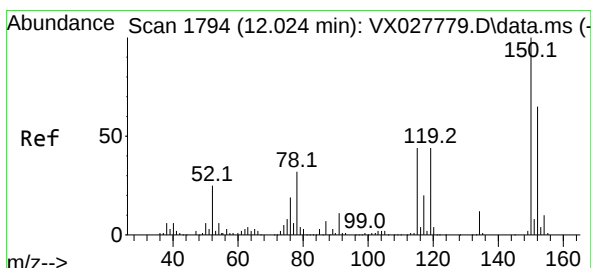
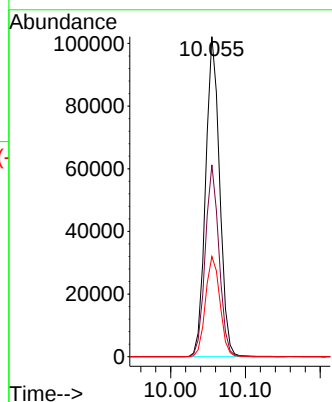
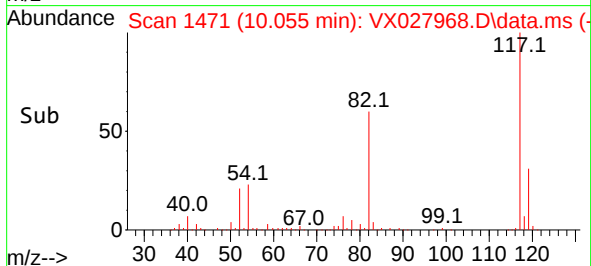


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

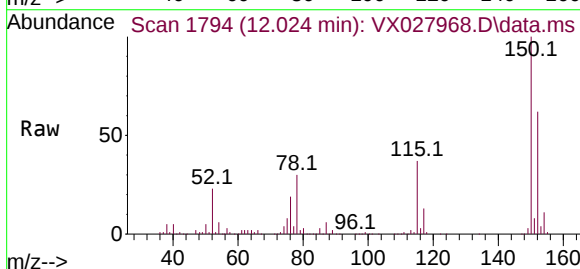
Instrument :
MSVOA_X
ClientSampleId :



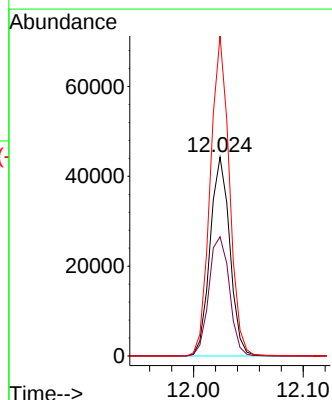
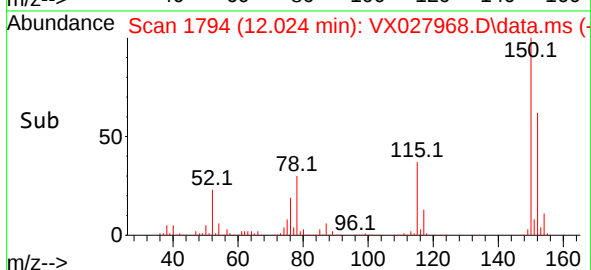
Tgt Ion:117 Resp: 132766
Ion Ratio Lower Upper
117 100
82 60.0 41.8 62.8
119 31.3 24.8 37.2

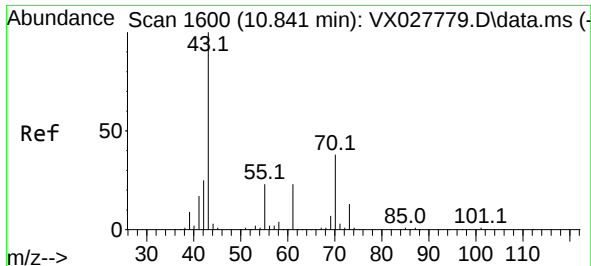


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17



Tgt Ion:152 Resp: 55292
Ion Ratio Lower Upper
152 100
115 62.4 37.5 112.7
150 155.7 0.0 338.2

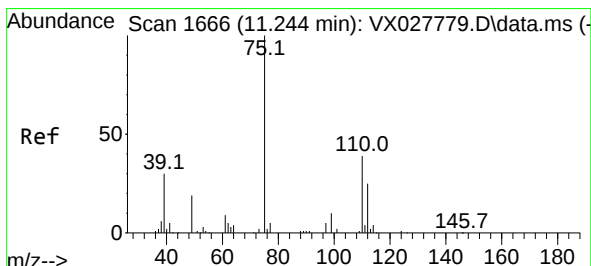
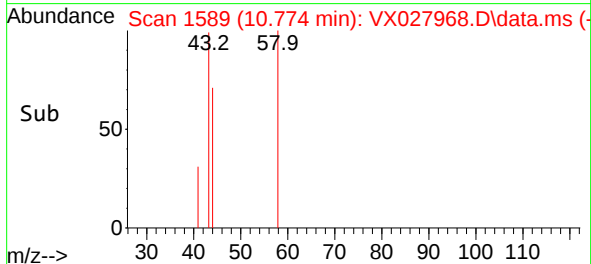
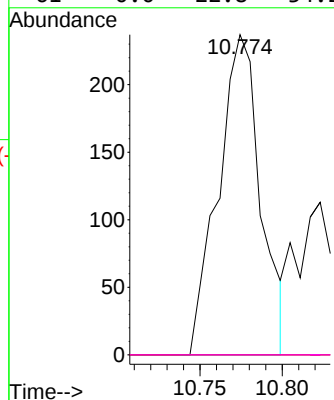
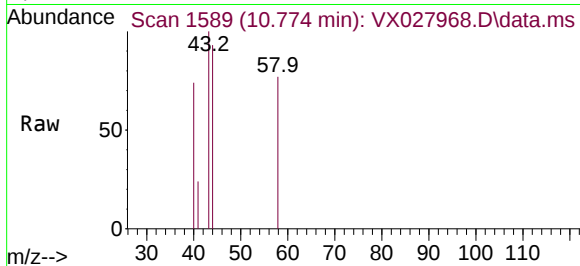




#74
N-amy1 acetate
Concen: 0.229 ug/l
RT: 10.774 min Scan# 1639
Delta R.T. -0.067 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

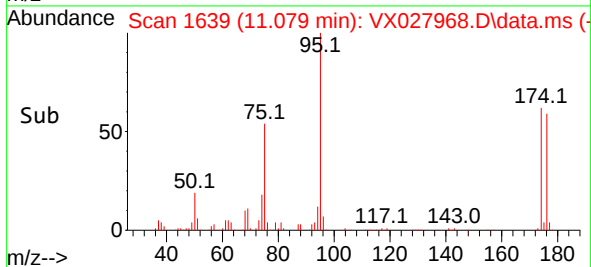
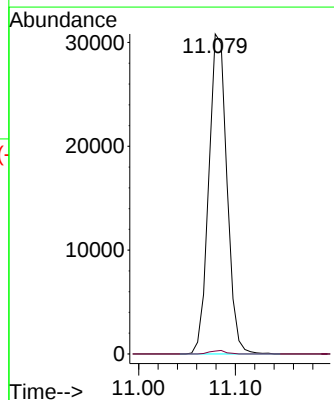
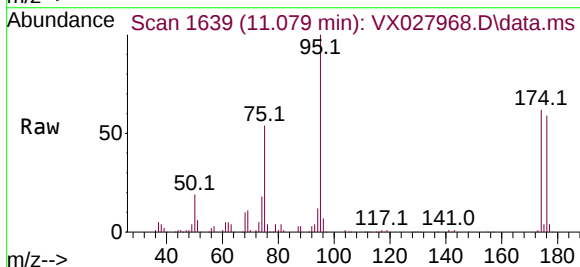
Instrument :
MSVOA_X
ClientSampleId :

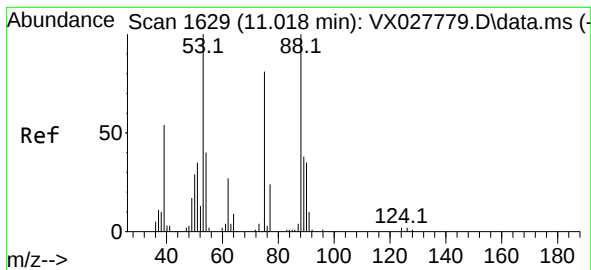
Tgt Ion: 43	Resp: 425
Ion Ratio	Lower Upper
43 100	
70 0.0	42.5 63.7#
55 0.0	23.1 34.7#
61 0.0	22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 31.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027968.D
Acq: 04 Apr 2022 19:17

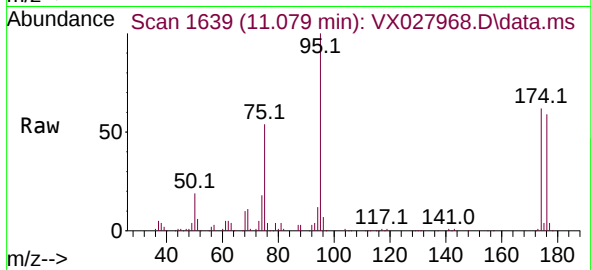
Tgt Ion: 75	Resp: 40293
Ion Ratio	Lower Upper
75 100	
77 0.9	19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.361 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX027968.D
 Acq: 04 Apr 2022 19:17

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 40293
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

