

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042722\
 Data File : VX028367.D
 Acq On : 27 Apr 2022 10:44
 Operator : JC/MD
 Sample : VX0427MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBL01

Quant Time: Apr 27 15:51:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

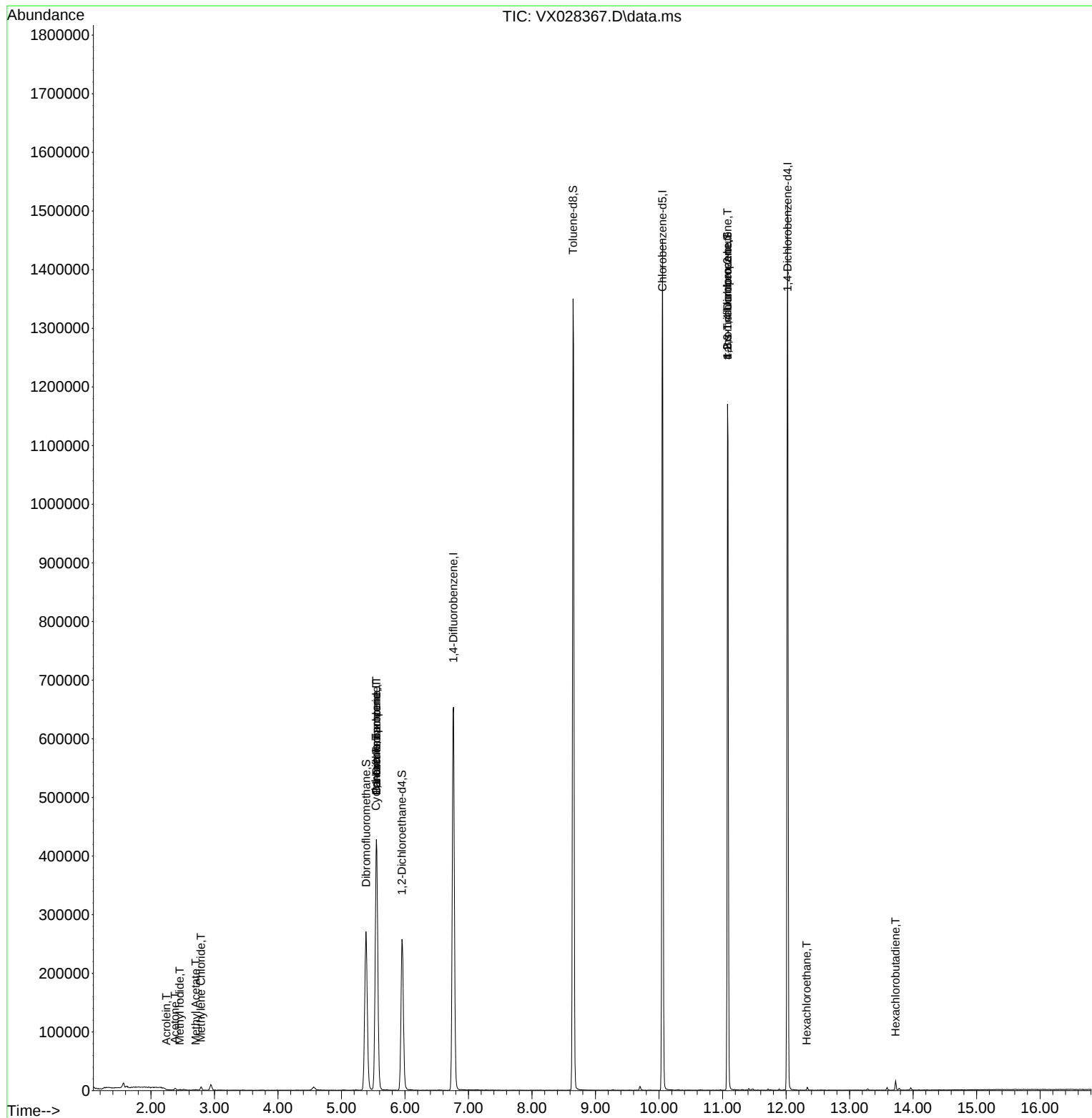
Internal Standards						
1) Pentafluorobenzene	5.549	168	420765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	710749	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	673608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	313739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	245863	44.814	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.620%		
35) Dibromofluoromethane	5.385	113	228826	45.908	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.820%		
50) Toluene-d8	8.646	98	831722	43.445	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.900%		
62) 4-Bromofluorobenzene	11.079	95	303143	41.413	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	82.820%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	390	Below Cal	#	42
5) Bromomethane	1.617	94	948	Below Cal	#	70
6) Chloroethane	1.690	64	531	Below Cal	#	69
8) Diethyl Ether	2.141	74	28	Below Cal	#	1
10) Methyl Iodide	2.452	142	1077	5.441	ug/l #	90
11) Tert butyl alcohol	2.940	59	5149	Below Cal	#	72
13) Acrolein	2.239	56	154	0.229	ug/l #	78
16) Acetone	2.379	43	3111	0.463	ug/l	93
18) Methyl Acetate	2.702	43	1003	0.206	ug/l #	75
20) Methylene Chloride	2.788	84	2501	0.614	ug/l	96
31) Cyclohexane	5.543	56	7941	1.188	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	30562	4.701	ug/l #	49
38) Carbon Tetrachloride	5.549	117	41772	5.691	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	149588	24.226	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	149588	71.994	ug/l #	15
90) Hexachloroethane	12.323	117	21	1.819	ug/l #	10
94) Hexachlorobutadiene	13.725	225	2251	0.809	ug/l	91

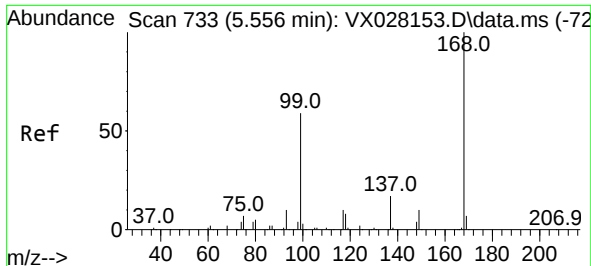
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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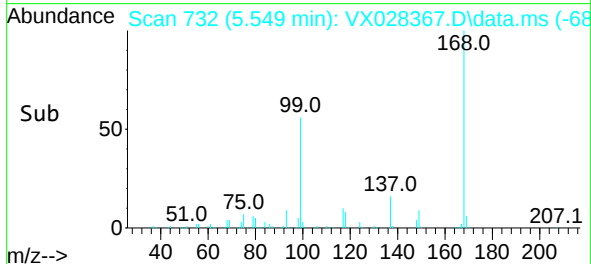
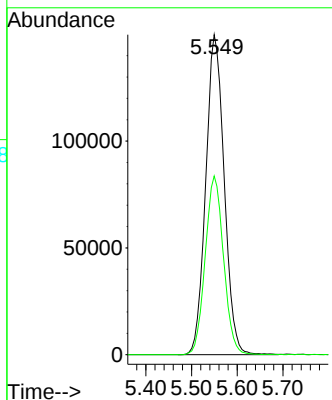
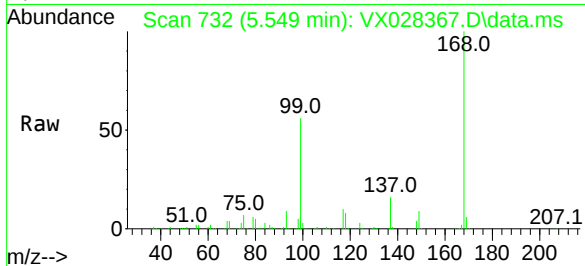




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

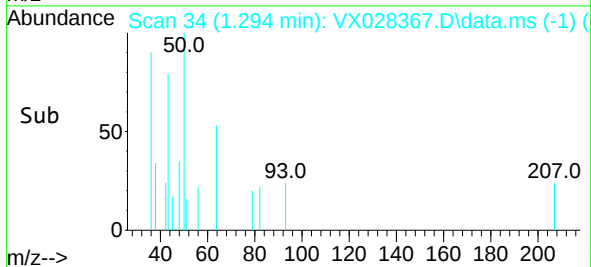
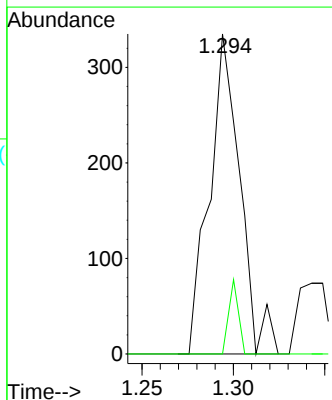
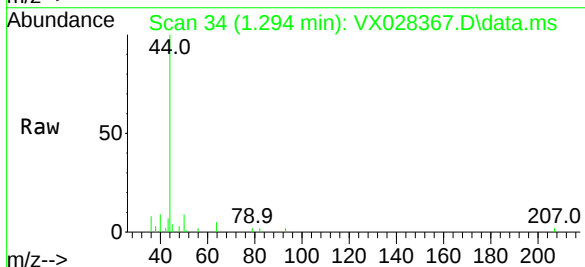
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

Tgt Ion:168 Resp: 420765
Ion Ratio Lower Upper
168 100
99 55.8 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

Tgt Ion: 50 Resp: 390
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

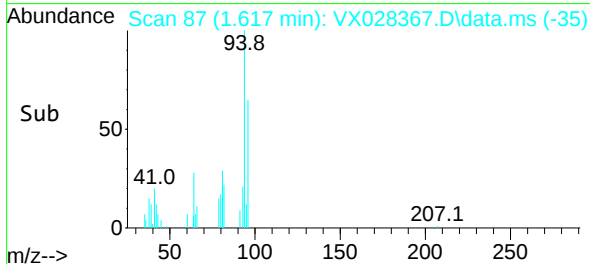
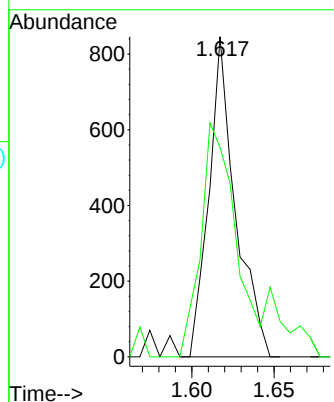
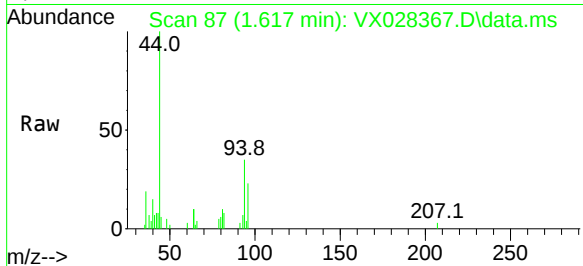




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

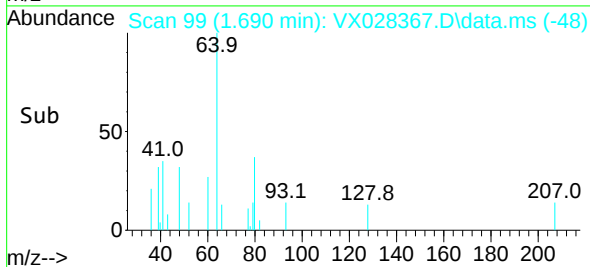
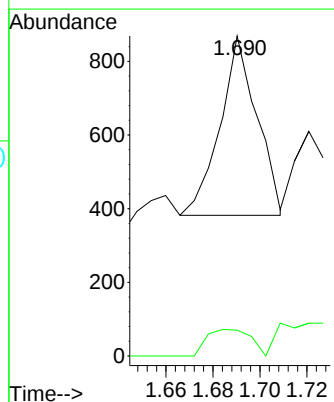
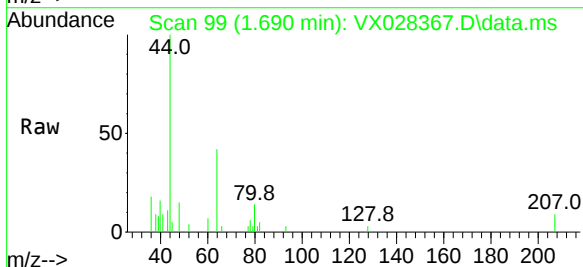
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

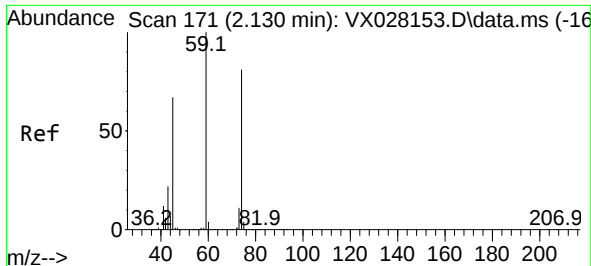
Tgt Ion: 94 Resp: 948
Ion Ratio Lower Upper
94 100
96 65.5 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.690 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

Tgt Ion: 64 Resp: 531
Ion Ratio Lower Upper
64 100
66 14.4 25.3 37.9#

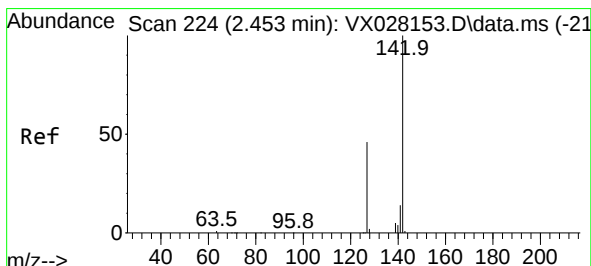
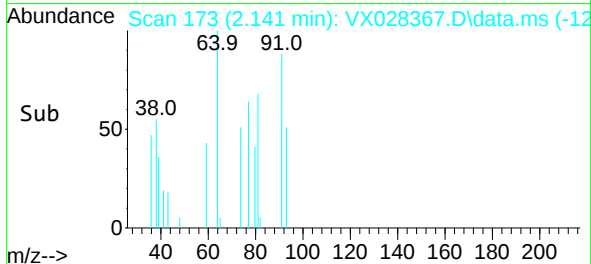
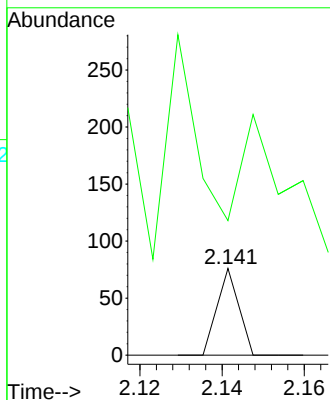
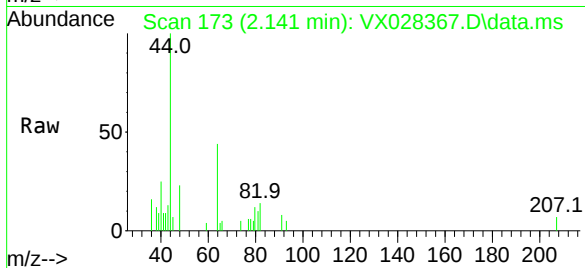




#8
Diethyl Ether
Concen: Below Cal
RT: 2.141 min Scan# 11
Delta R.T. 0.011 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

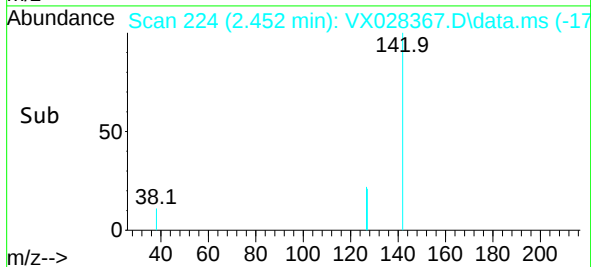
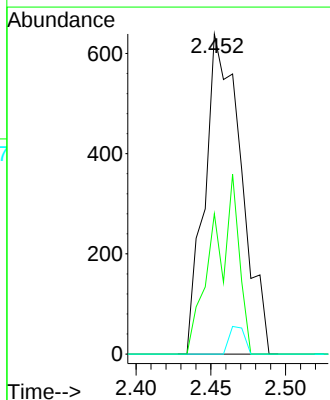
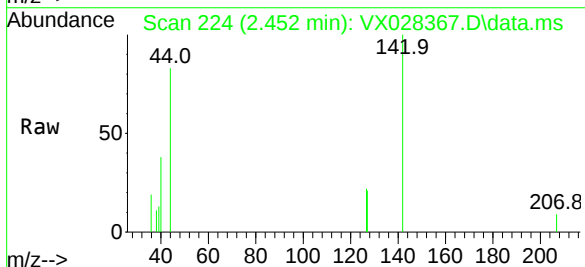
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

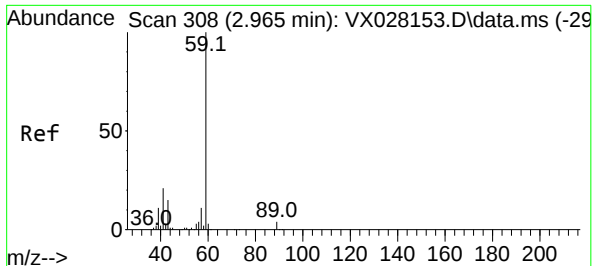
Tgt Ion: 74 Resp: 28
Ion Ratio Lower Upper
74 100
45 475.0 42.0 126.0#



#10
Methyl Iodide
Concen: 5.441 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

Tgt Ion:142 Resp: 1077
Ion Ratio Lower Upper
142 100
127 39.2 33.9 50.9
141 3.6 11.4 17.2#

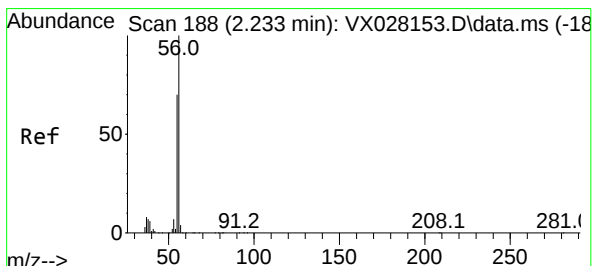
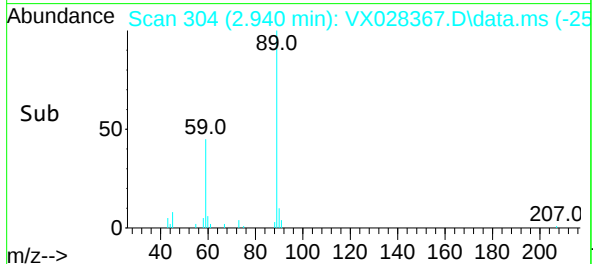
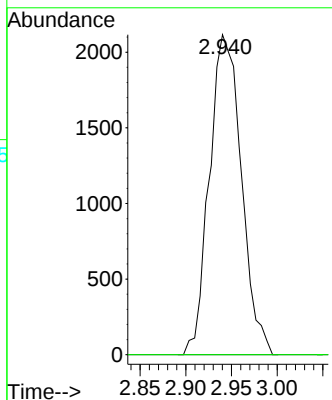
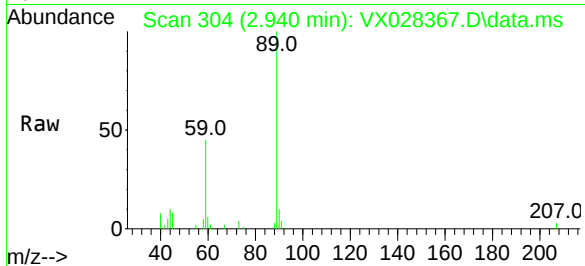




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 308
Delta R.T. -0.025 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

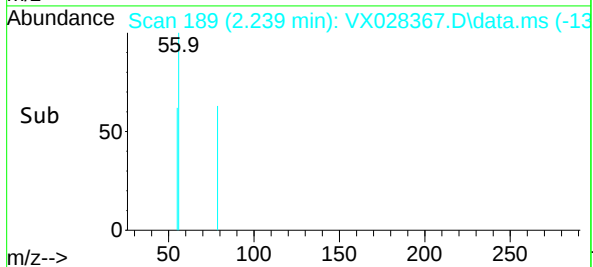
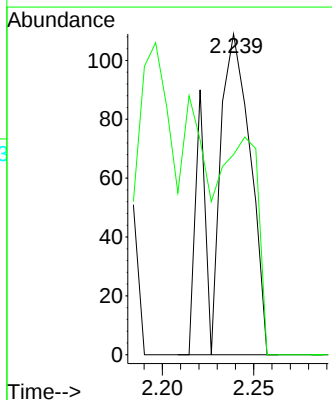
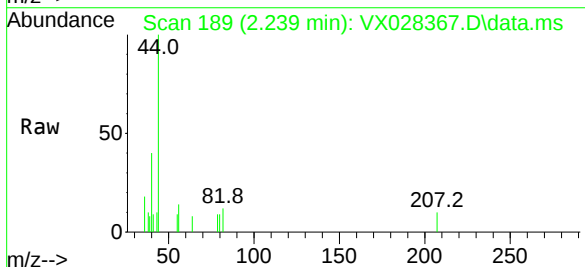
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

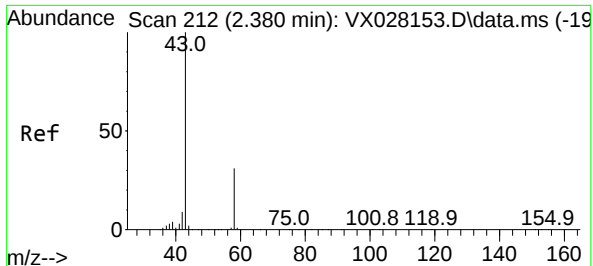
Tgt Ion: 59 Resp: 5149
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 0.229 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 50.6 55.0 82.6#

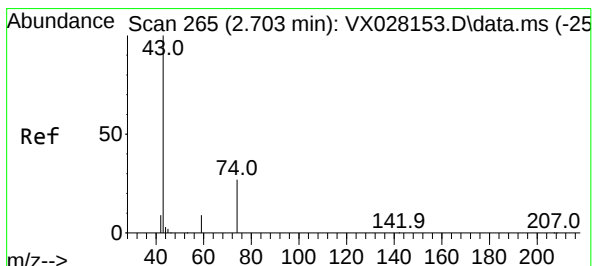
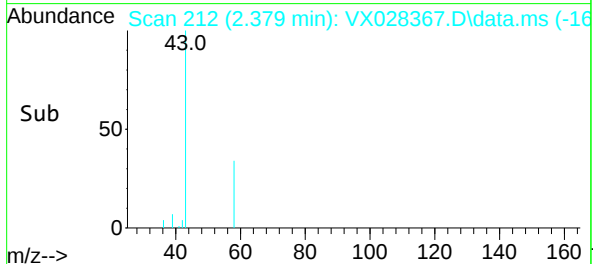
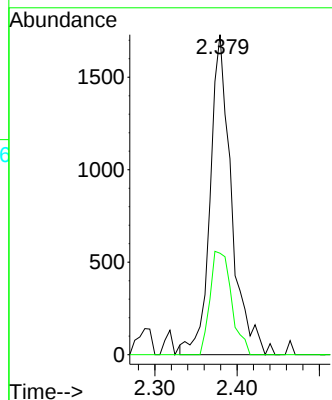
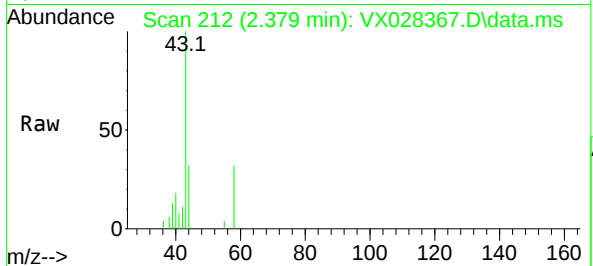




#16
Acetone
Concen: 0.463 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

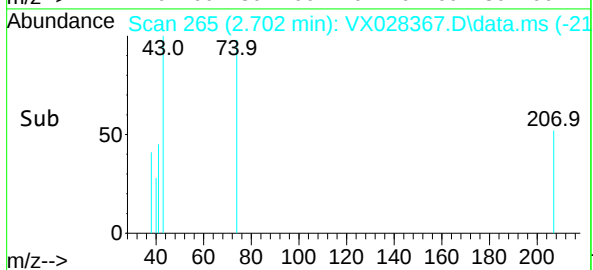
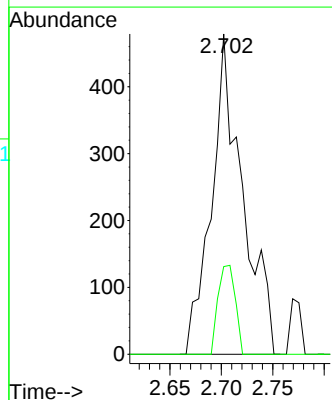
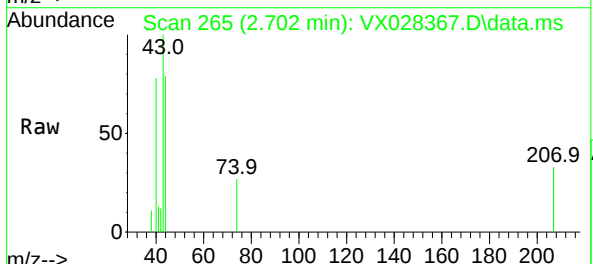
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

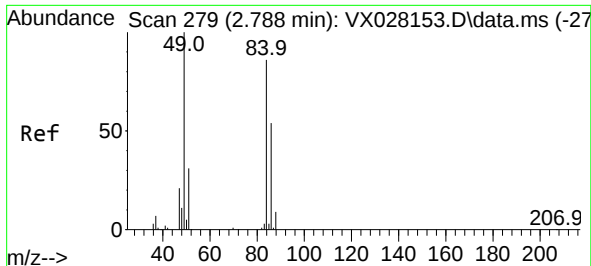
Tgt Ion: 43 Resp: 3111
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2



#18
Methyl Acetate
Concen: 0.206 ug/l
RT: 2.702 min Scan# 265
Delta R.T. -0.001 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

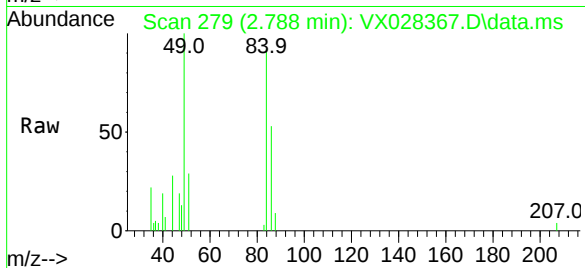
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
74 15.4 22.8 34.2#



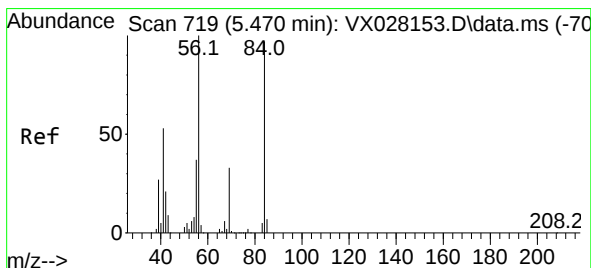
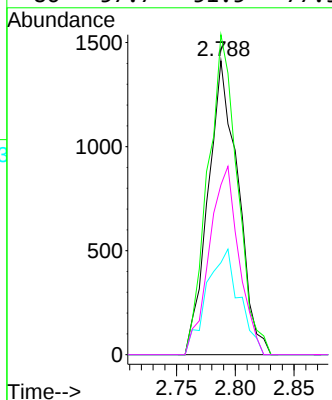


#20
Methylene Chloride
Concen: 0.614 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

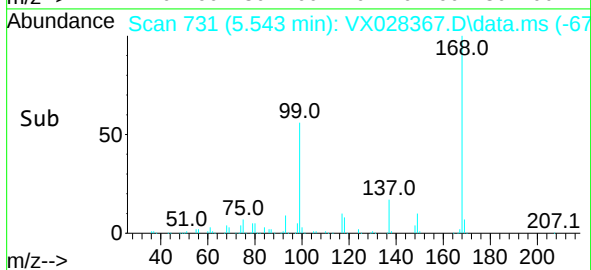
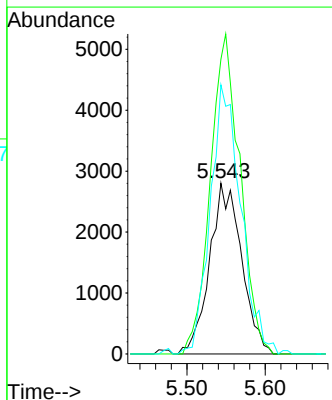
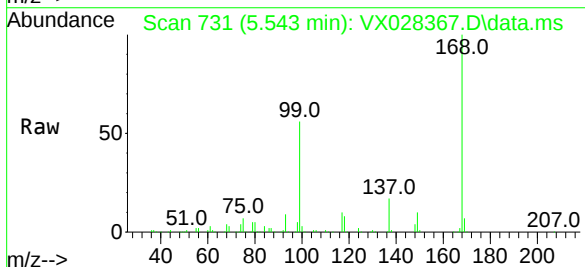


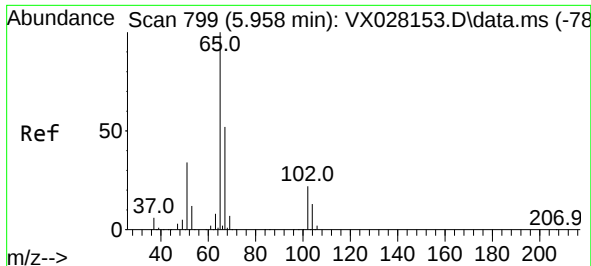
Tgt Ion: 84	Resp: 2501
Ion Ratio	Lower Upper
84 100	
49 108.8	85.5 128.3
51 31.3	26.6 39.8
86 57.7	51.5 77.3



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

Tgt Ion: 56	Resp: 7941		
Ion Ratio	Lower	Upper	
56	100		
69	172.7	26.7	40.1#
84	157.6	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 44.814 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX028367.D

Acq: 27 Apr 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

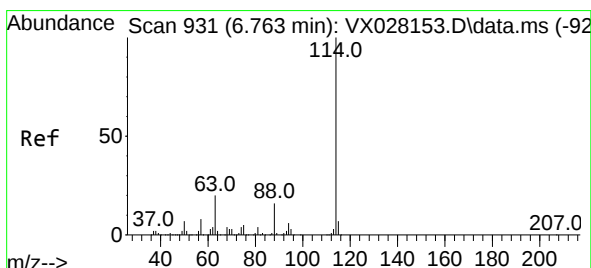
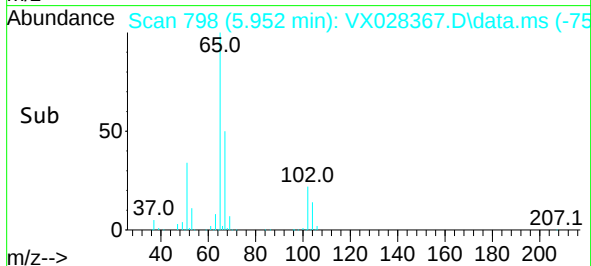
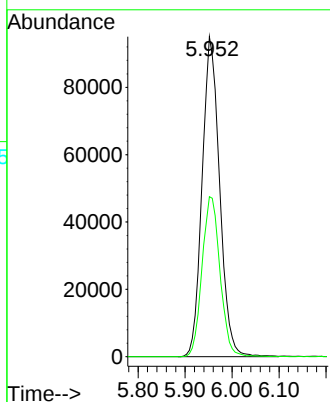
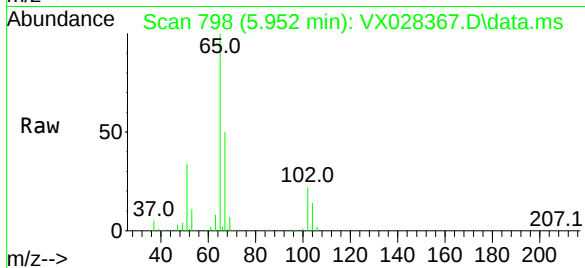
VX0427MBL01

Tgt Ion: 65 Resp: 245863

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028367.D

Acq: 27 Apr 2022 10:44

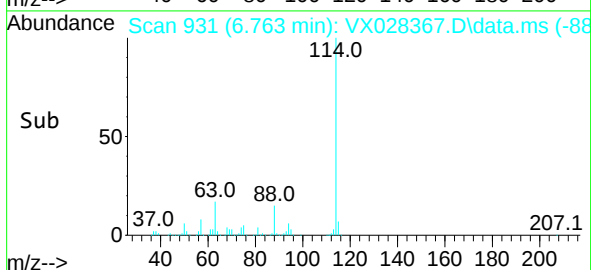
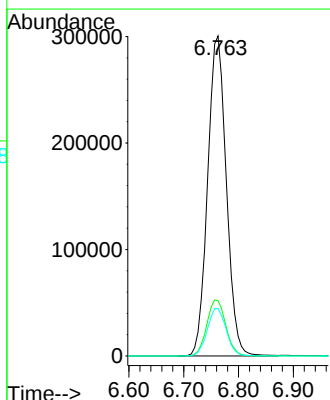
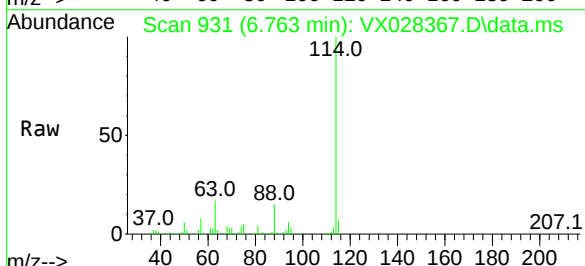
Tgt Ion: 114 Resp: 710749

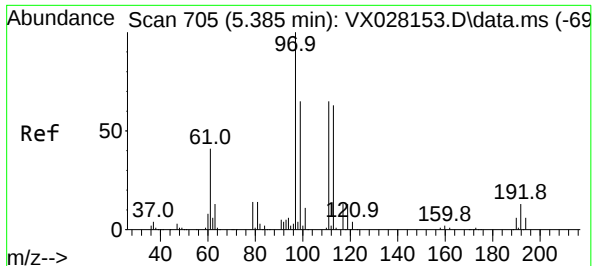
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

88 14.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.908 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX028367.D

Acq: 27 Apr 2022 10:44

Instrument :

MSVOA_X

ClientSampleId :

VX0427MBL01

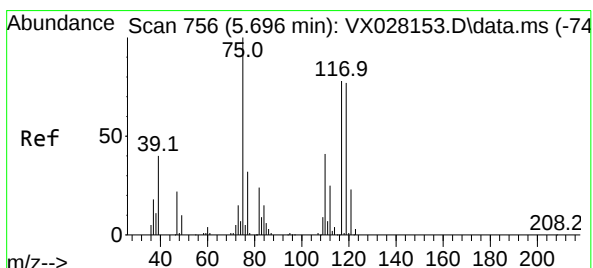
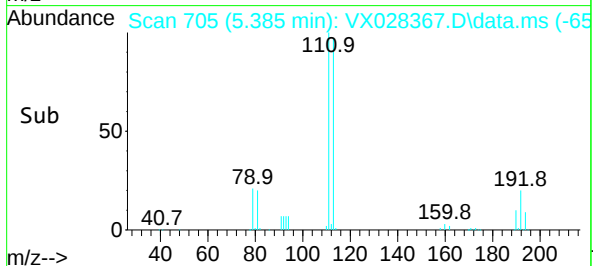
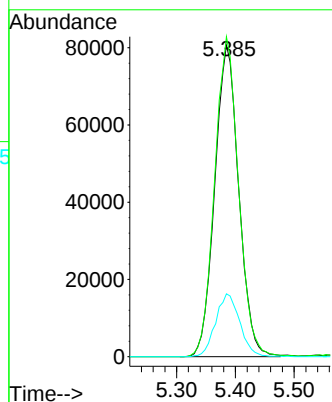
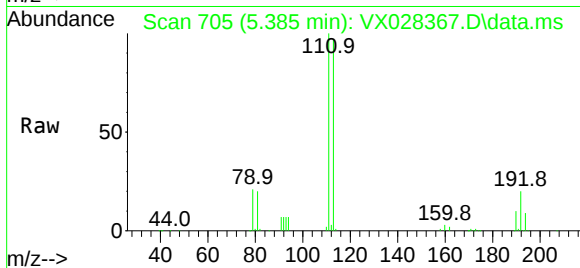
Tgt Ion:113 Resp: 228826

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

192 20.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.701 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX028367.D

Acq: 27 Apr 2022 10:44

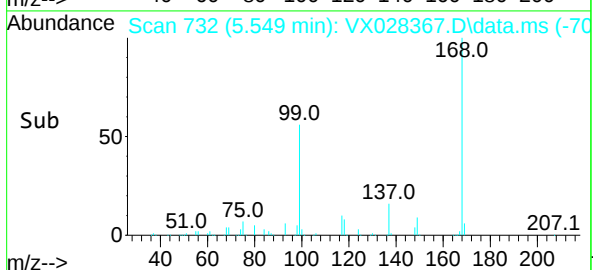
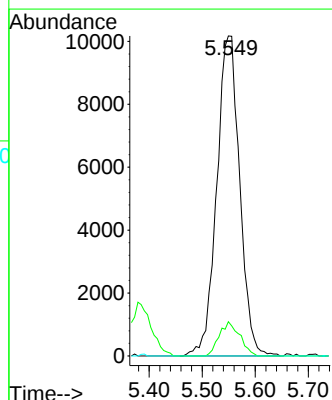
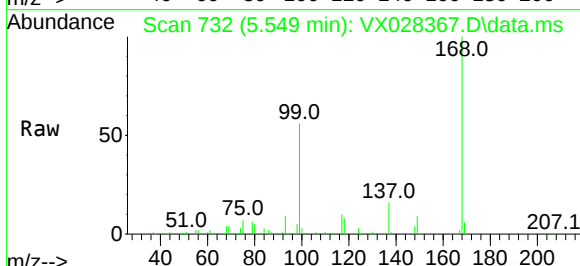
Tgt Ion: 75 Resp: 30562

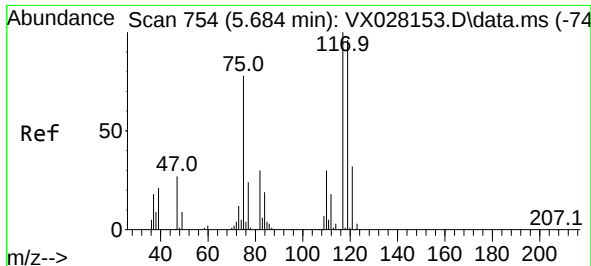
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 24.8 37.2#

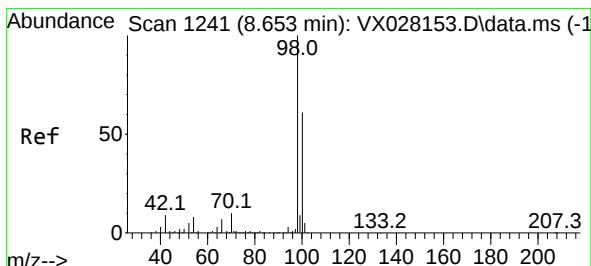
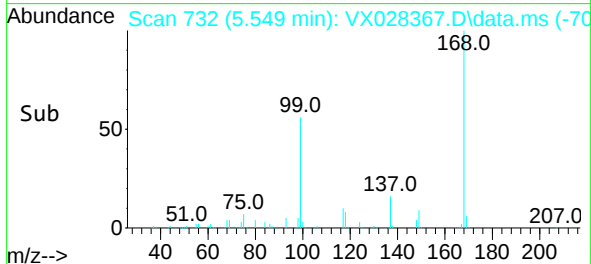
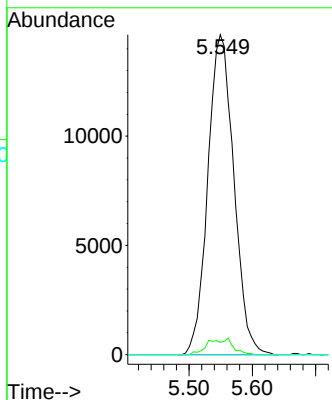
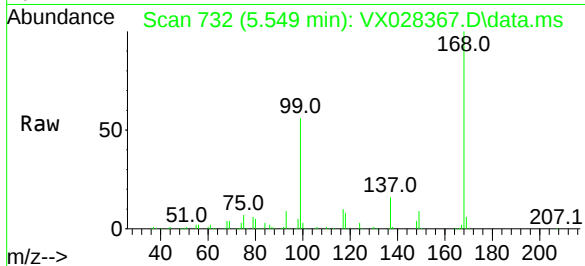




#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

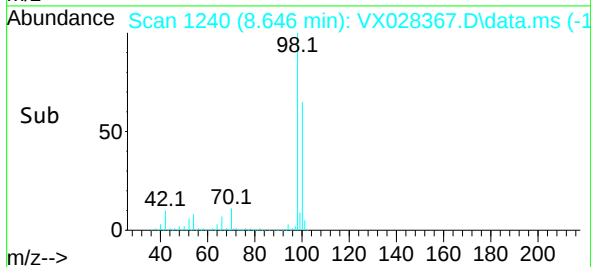
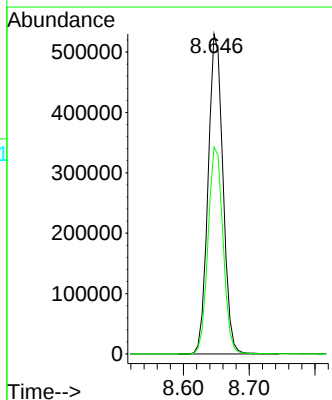
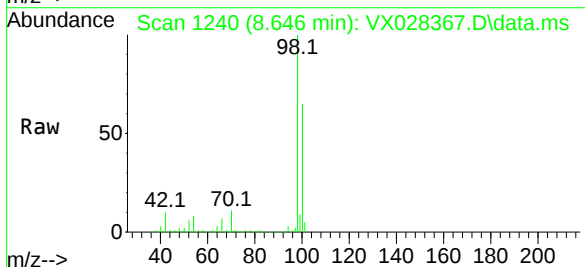
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

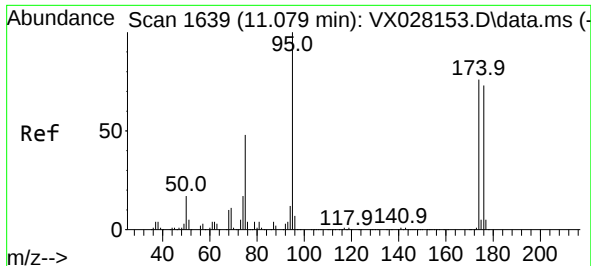
Tgt Ion:117 Resp: 41772
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.445 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

Tgt Ion: 98 Resp: 831722
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

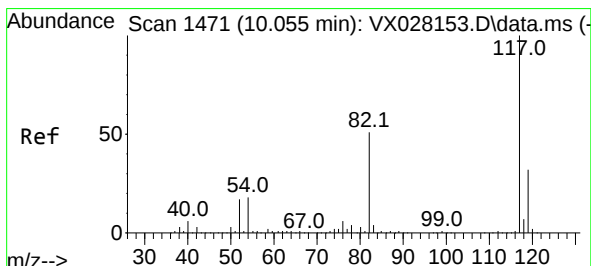
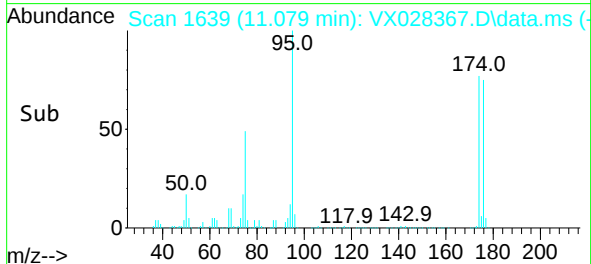
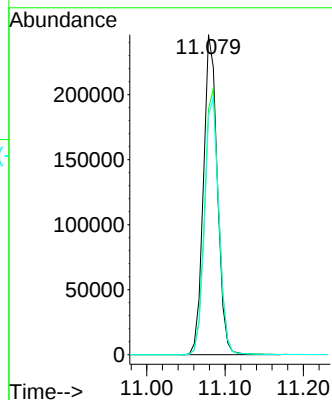
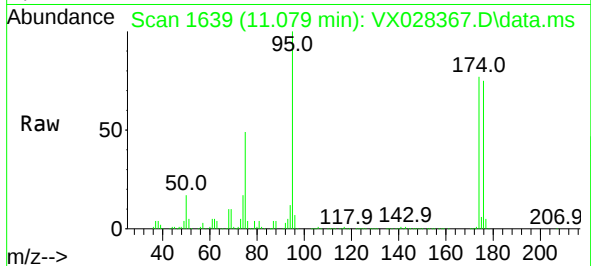




#62
4-Bromofluorobenzene
Concen: 41.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

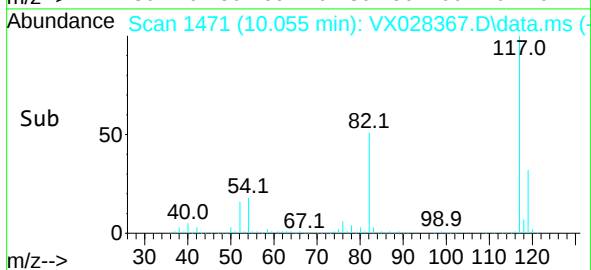
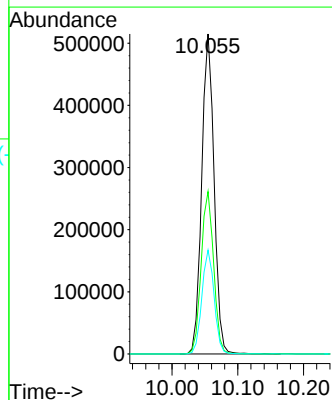
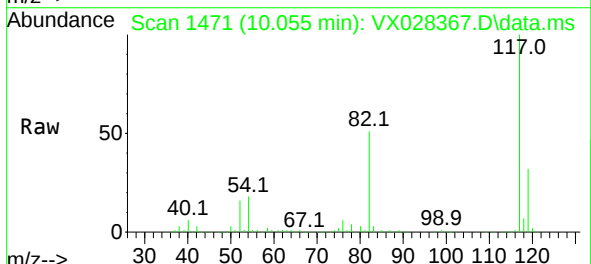
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

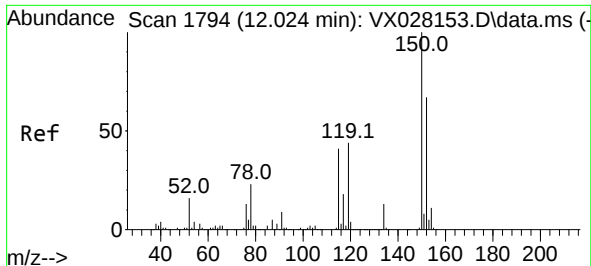
Tgt Ion: 95 Resp: 303143
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 82.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

Tgt Ion: 117 Resp: 673608
Ion Ratio Lower Upper
117 100
82 50.7 41.8 62.8
119 32.5 24.8 37.2

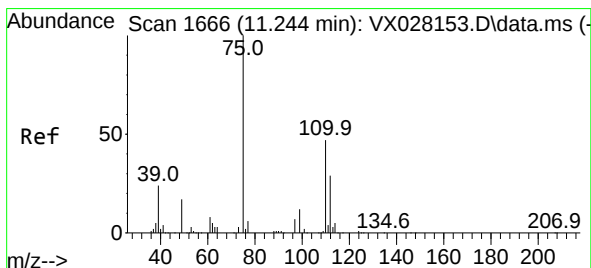
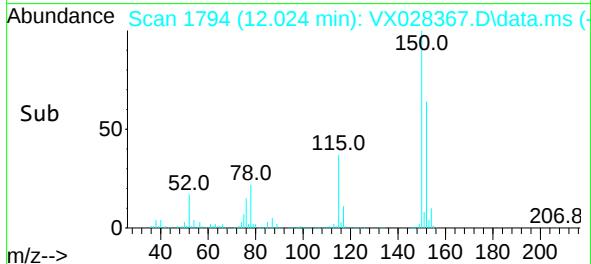
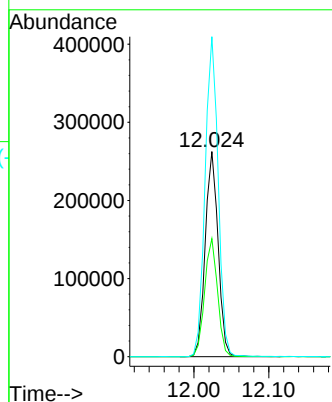
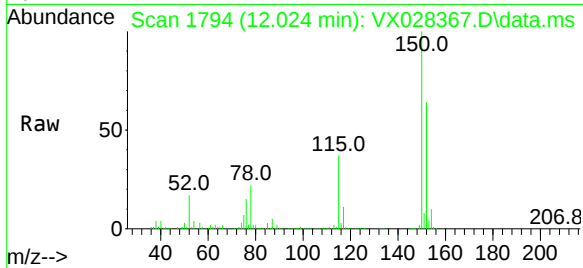




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX028367.D
 Acq: 27 Apr 2022 10:44

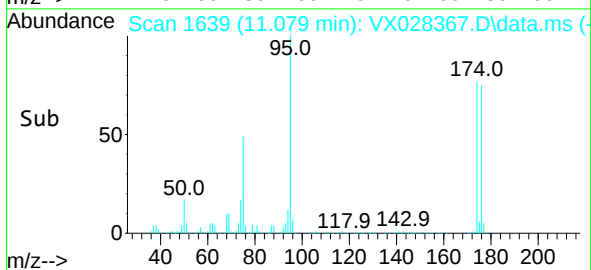
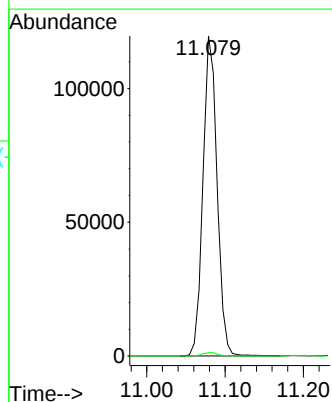
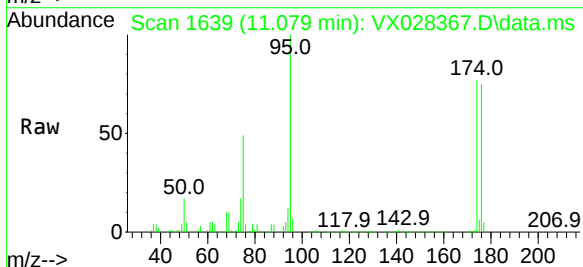
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBL01

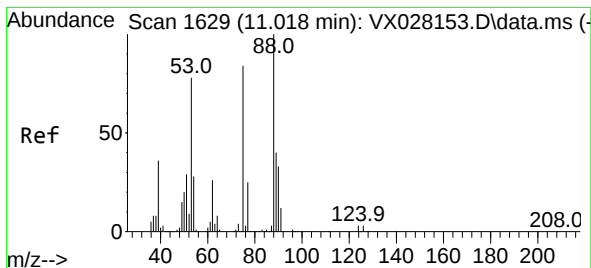
Tgt Ion:152 Resp: 313739
 Ion Ratio Lower Upper
 152 100
 115 58.0 37.5 112.7
 150 158.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.226 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028367.D
 Acq: 27 Apr 2022 10:44

Tgt Ion: 75 Resp: 149588
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

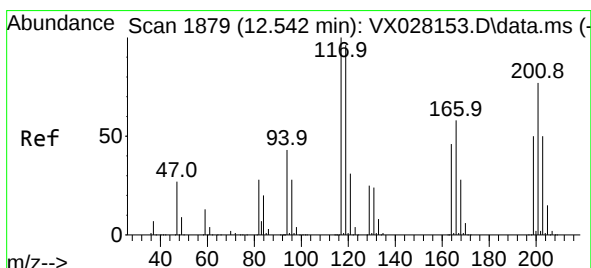
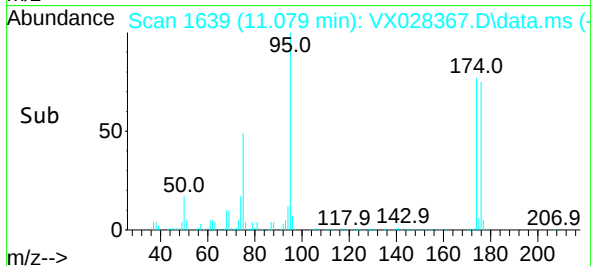
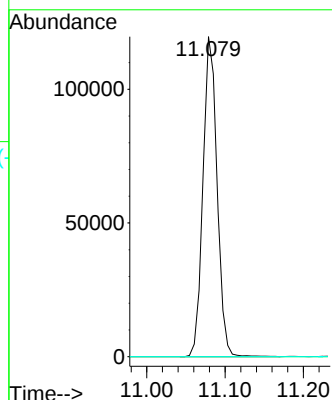
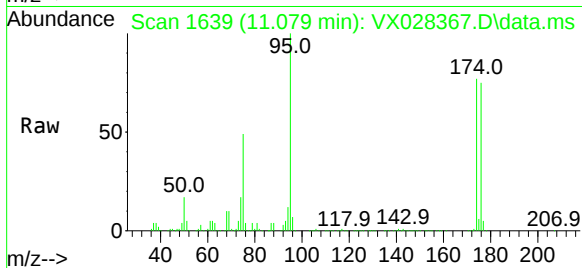




#81
trans-1,4-Dichloro-2-butene
Concen: 71.994 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

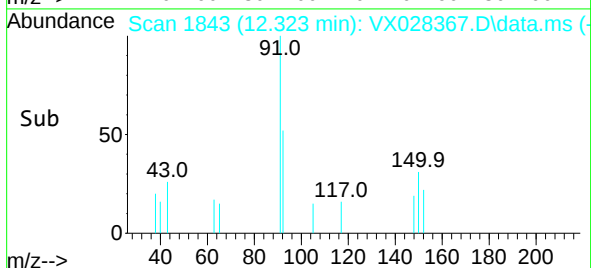
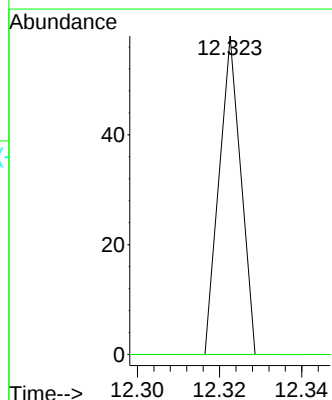
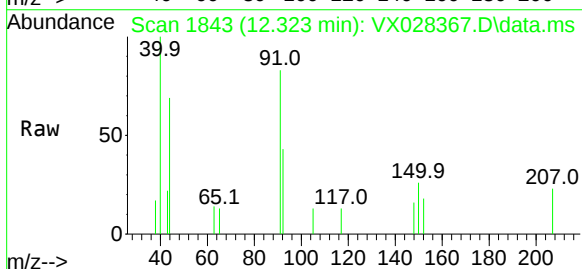
Instrument :
MSVOA_X
ClientSampleId :
VX0427MBL01

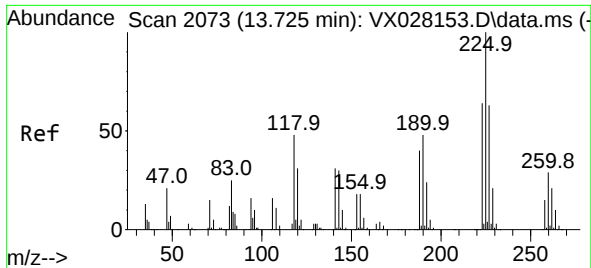
Tgt Ion: 75 Resp: 149588
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 1.819 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.219 min
Lab File: VX028367.D
Acq: 27 Apr 2022 10:44

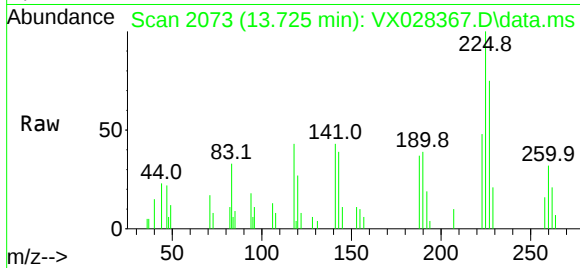
Tgt Ion: 117 Resp: 21
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#94
 Hexachlorobutadiene
 Concen: 0.809 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX028367.D
 Acq: 27 Apr 2022 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427MBL01



Tgt Ion:	225	Resp:	2251
Ion	Ratio	Lower	Upper
225	100		
223	55.0	34.2	102.5
227	66.4	33.9	101.7

