

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028080.D
 Acq On : 13 Apr 2022 10:08
 Operator : JC/MD
 Sample : VX0413MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413MBL01

Quant Time: Apr 14 04:02:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

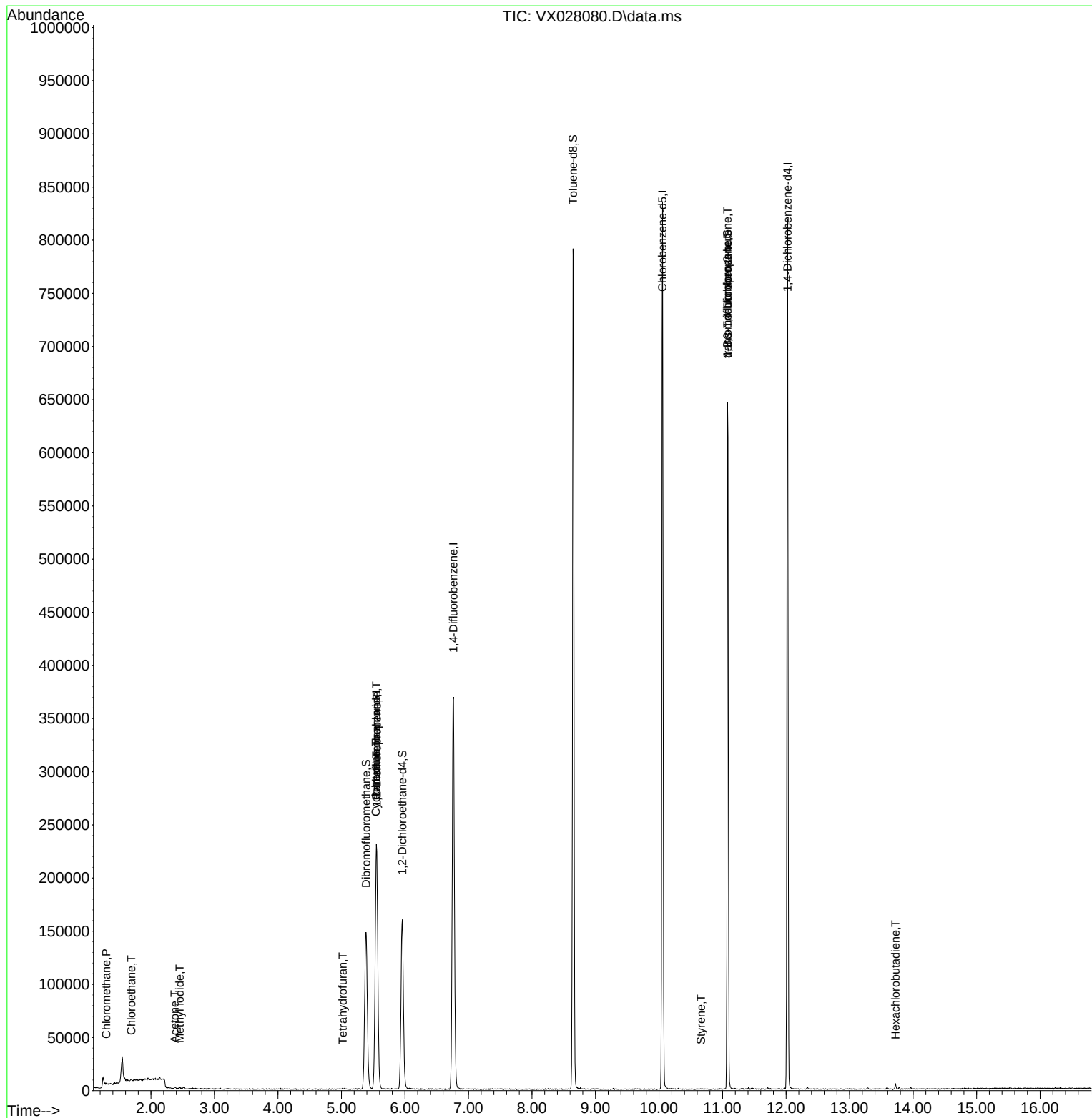
Internal Standards						
1) Pentafluorobenzene	5.550	168	221427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	382159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144991	48.265	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.540%		
35) Dibromofluoromethane	5.385	113	125331	50.049	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.100%		
50) Toluene-d8	8.647	98	466542	49.954	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.900%		
62) 4-Bromofluorobenzene	11.079	95	151712	43.506	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.020%		
Target Compounds			Qvalue			
3) Chloromethane	1.294	50	584	0.245	ug/l	98
5) Bromomethane	1.617	94	872	Below Cal		84
6) Chloroethane	1.691	64	256	2.705	ug/l #	76
10) Methyl Iodide	2.453	142	903	0.347	ug/l #	94
13) Acrolein	2.233	56	217	Below Cal	#	15
16) Acetone	2.373	43	1123	0.897	ug/l #	85
29) Tetrahydrofuran	5.019	42	339	0.240	ug/l #	25
31) Cyclohexane	5.544	56	5430	1.315	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	17637	4.615	ug/l #	45
38) Carbon Tetrachloride	5.550	117	22479	5.509	ug/l #	15
70) Styrene	10.658	104	103	4.713	ug/l #	42
76) 1,2,3-Trichloropropane	11.079	75	86838	24.067	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86838	67.783	ug/l #	15
94) Hexachlorobutadiene	13.725	225	663	0.537	ug/l	95

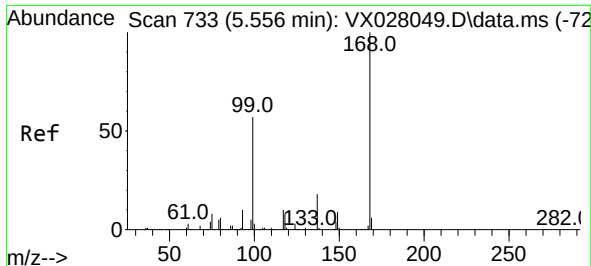
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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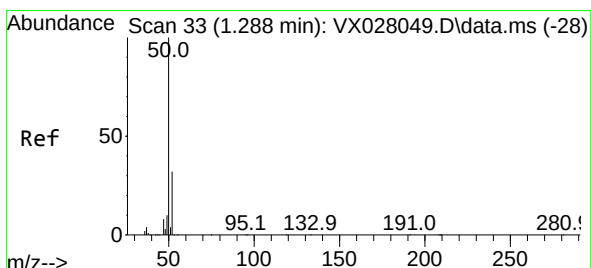
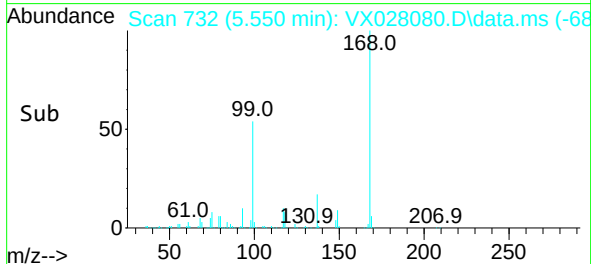
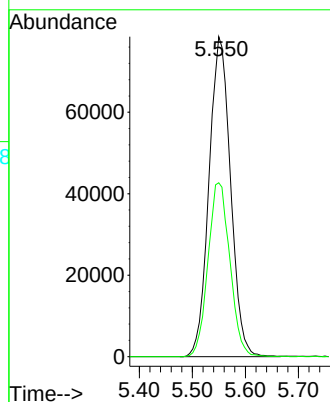
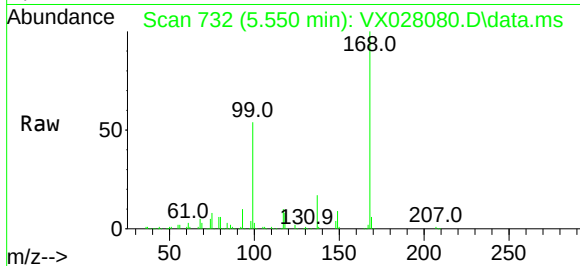




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

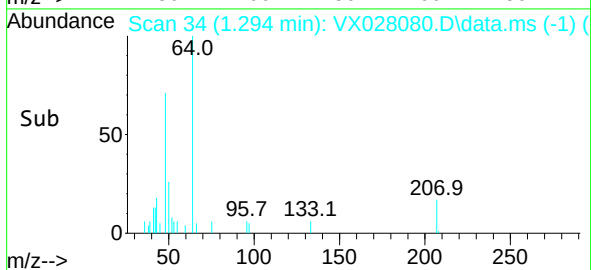
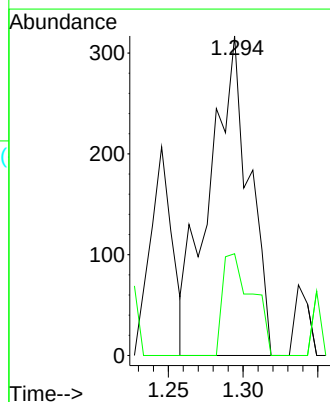
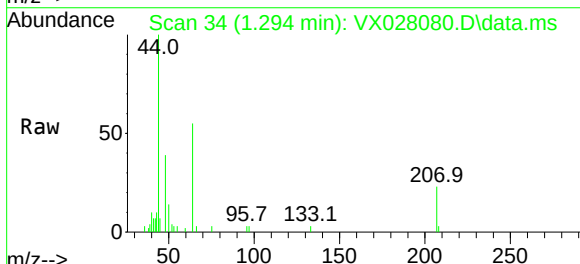
Instrument :
MSVOA_X
ClientSampleId :
VX0413MBL01

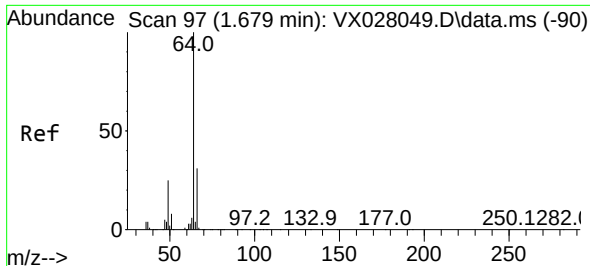
Tgt Ion:168 Resp: 221427
Ion Ratio Lower Upper
168 100
99 54.3 41.7 62.5



#3
Chloromethane
Concen: 0.245 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

Tgt Ion: 50 Resp: 584
Ion Ratio Lower Upper
50 100
52 31.9 26.4 39.6

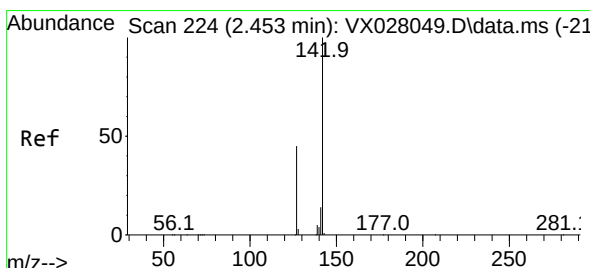
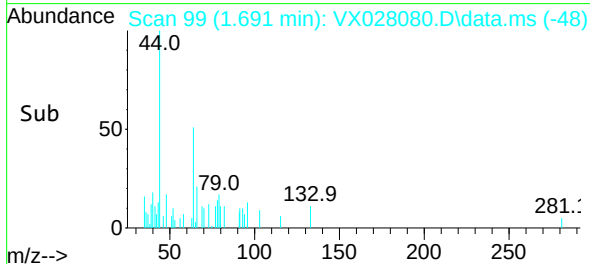
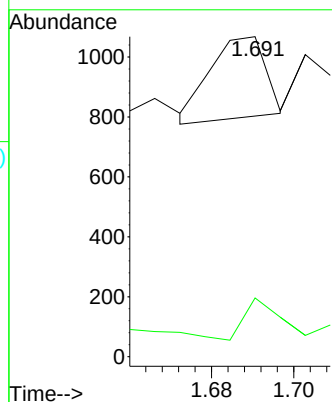
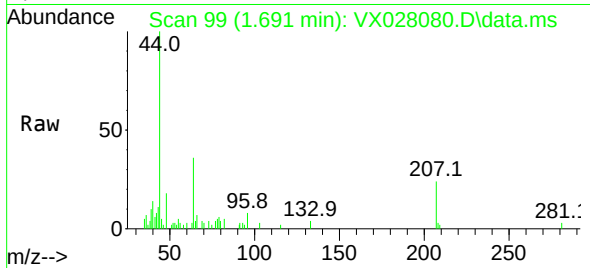




#6
Chloroethane
Concen: 2.705 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

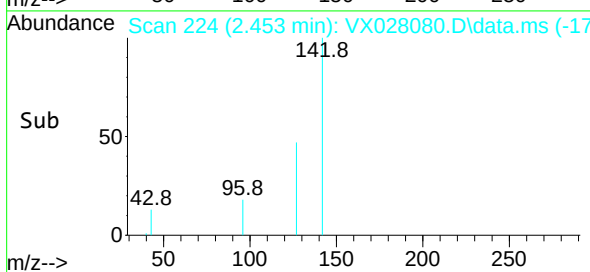
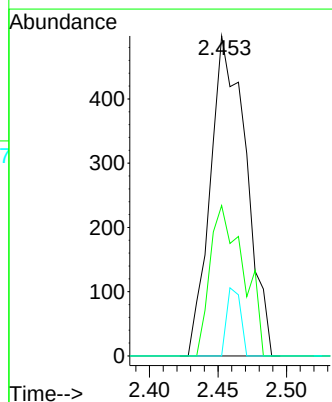
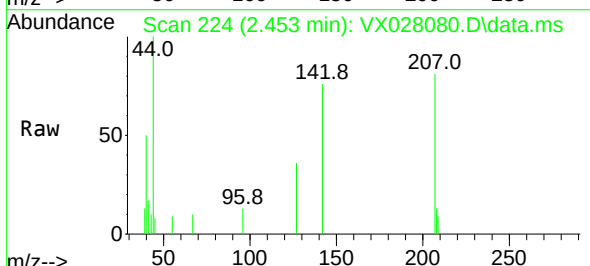
Instrument :
MSVOA_X
ClientSampleId :
VX0413MBL01

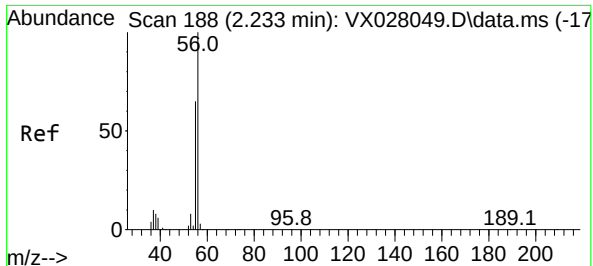
Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 44.9 25.3 37.9#



#10
Methyl Iodide
Concen: 0.347 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

Tgt Ion: 142 Resp: 903
Ion Ratio Lower Upper
142 100
127 44.0 33.9 50.9
141 8.2 11.4 17.2#

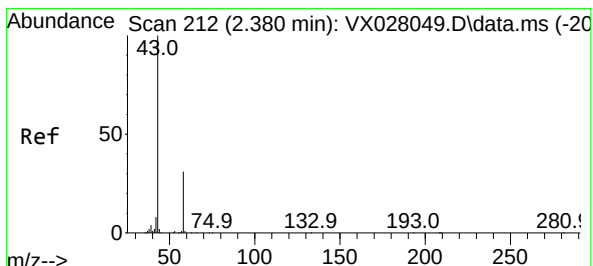
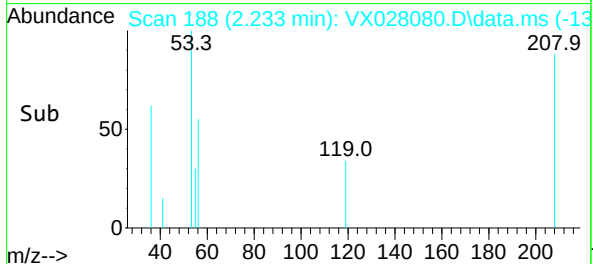
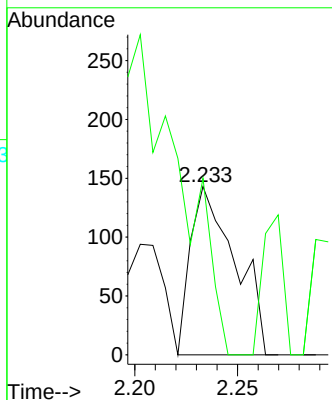
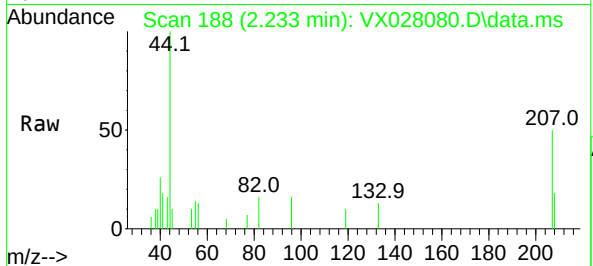




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

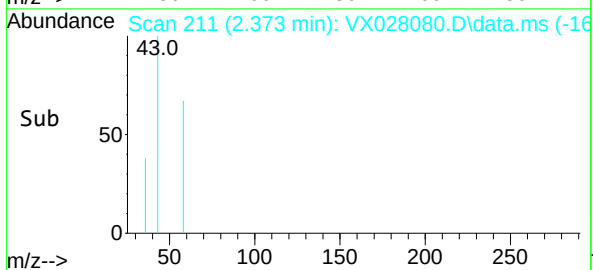
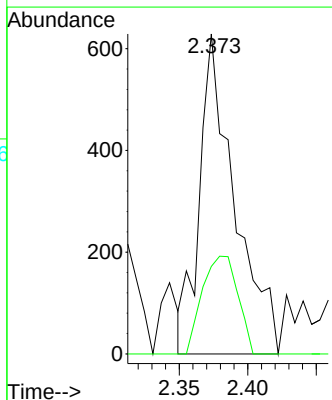
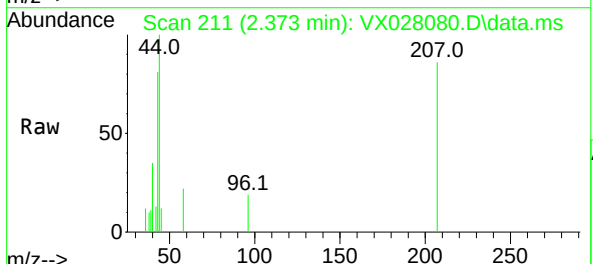
Instrument :
MSVOA_X
ClientSampleId :
VX0413MBL01

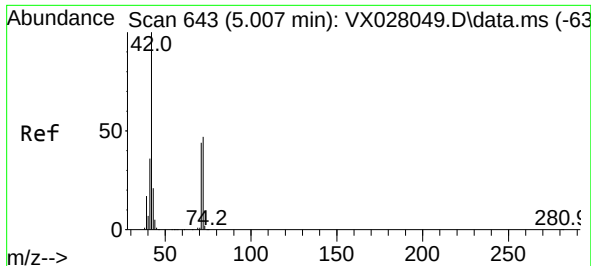
Tgt Ion: 56 Resp: 217
Ion Ratio Lower Upper
56 100
55 0.0 55.0 82.6#



#16
Acetone
Concen: 0.897 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

Tgt Ion: 43 Resp: 1123
Ion Ratio Lower Upper
43 100
58 27.3 28.8 43.2#





#29

Tetrahydrofuran

Concen: 0.240 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.012 min

Lab File: VX028080.D

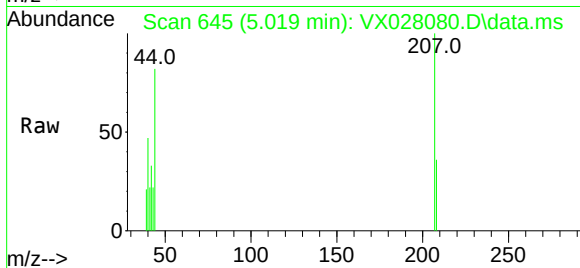
Acq: 13 Apr 2022 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0413MBL01



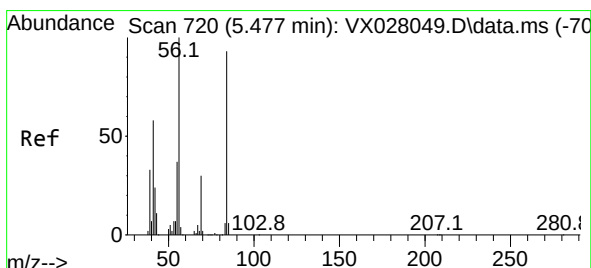
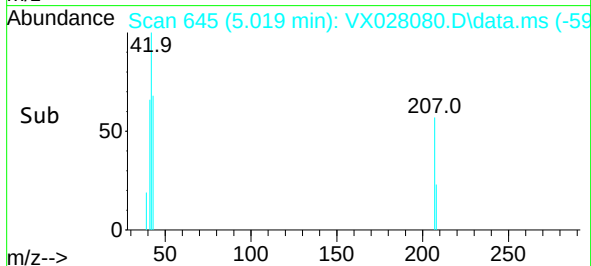
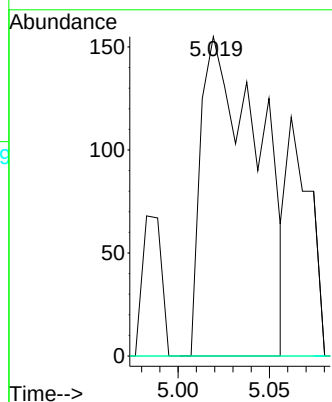
Tgt Ion: 42 Resp: 339

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#



#31

Cyclohexane

Concen: 1.315 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX028080.D

Acq: 13 Apr 2022 10:08

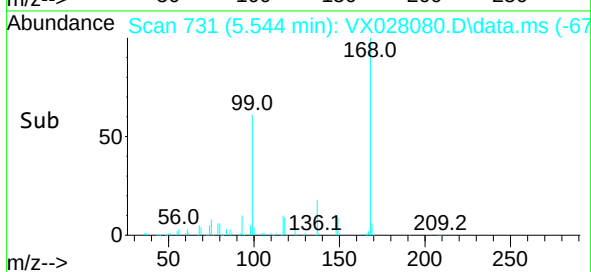
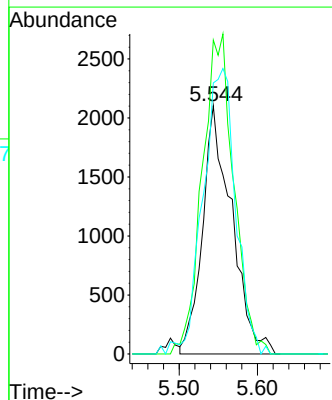
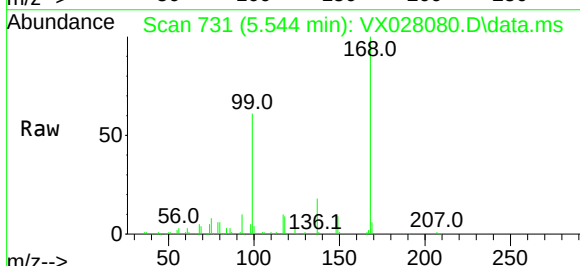
Tgt Ion: 56 Resp: 5430

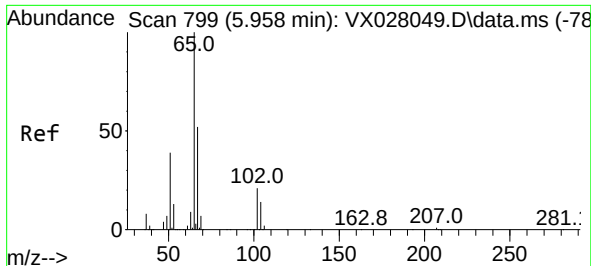
Ion Ratio Lower Upper

56 100

69 126.5 26.7 40.1#

84 109.2 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 48.265 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028080.D

Acq: 13 Apr 2022 10:08

Instrument :

MSVOA_X

ClientSampleId :

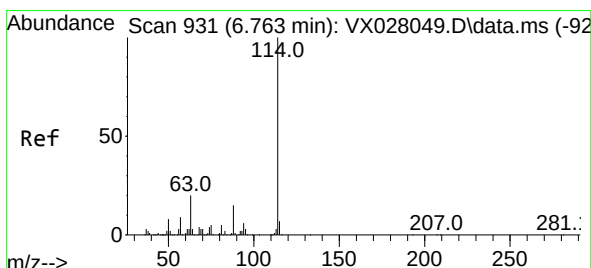
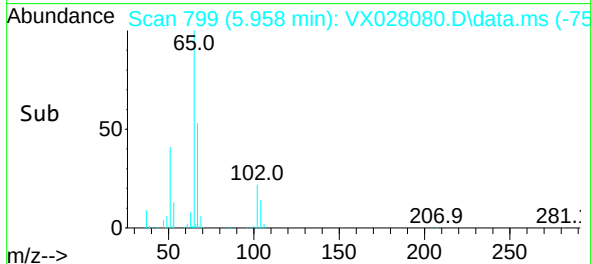
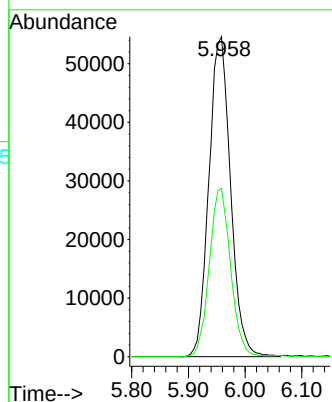
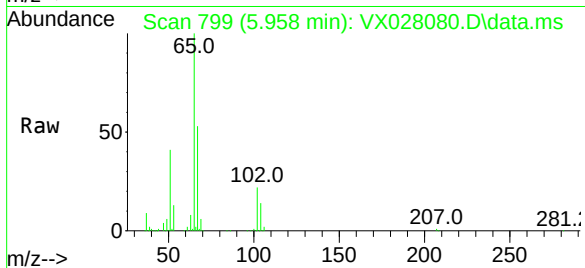
VX0413MBL01

Tgt Ion: 65 Resp: 144991

Ion Ratio Lower Upper

65 100

67 51.6 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: VX028080.D

Acq: 13 Apr 2022 10:08

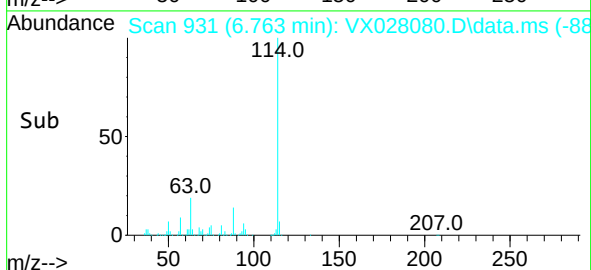
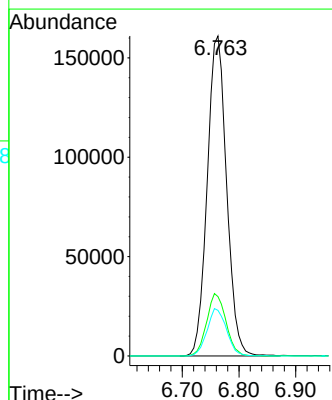
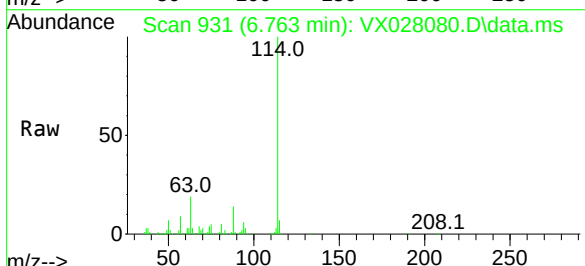
Tgt Ion: 114 Resp: 382159

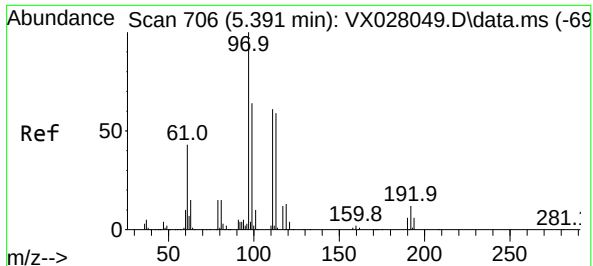
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 14.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.049 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX028080.D

Acq: 13 Apr 2022 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0413MBL01

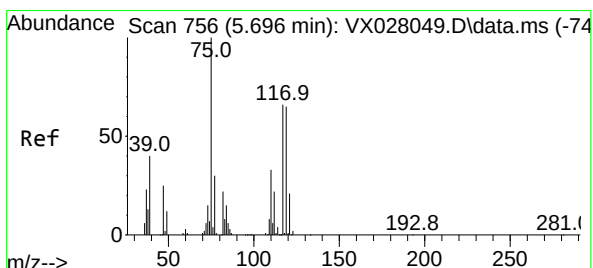
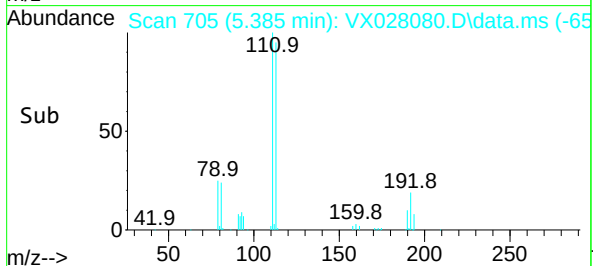
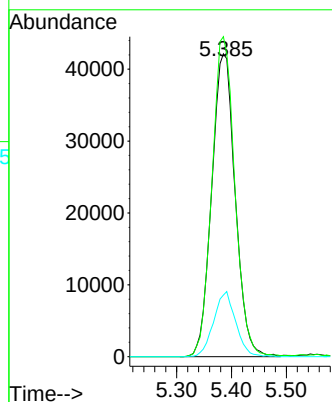
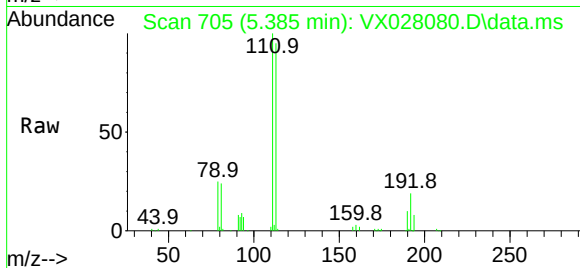
Tgt Ion:113 Resp: 125331

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 20.2 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.615 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX028080.D

Acq: 13 Apr 2022 10:08

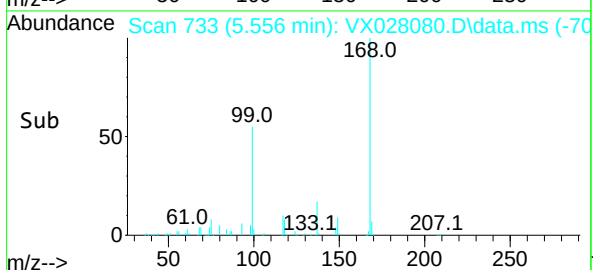
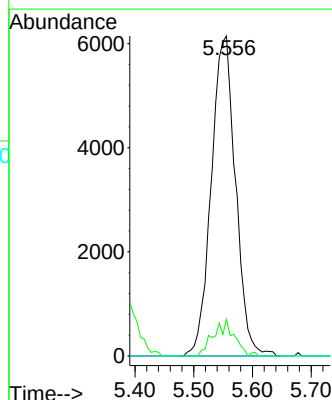
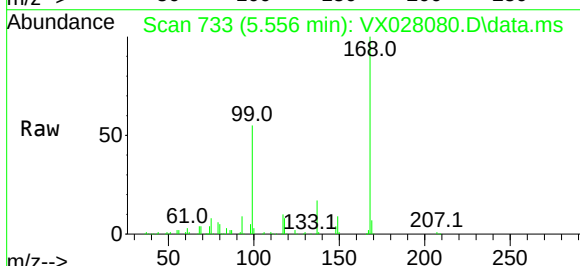
Tgt Ion: 75 Resp: 17637

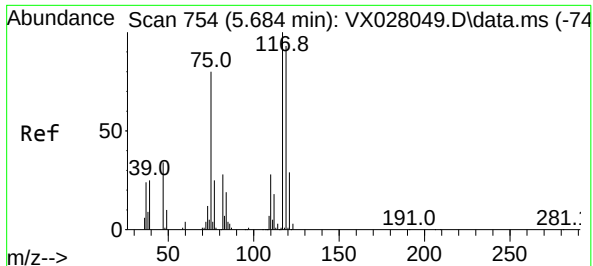
Ion Ratio Lower Upper

75 100

110 5.0 18.3 54.8#

77 0.0 24.8 37.2#

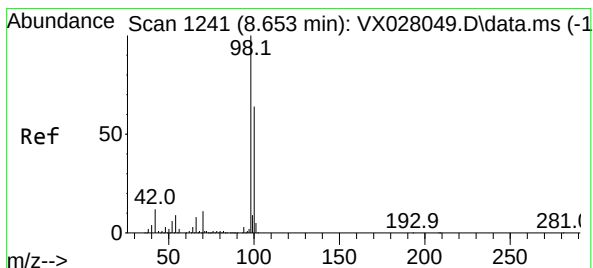
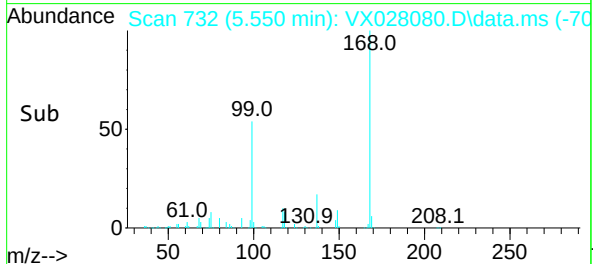
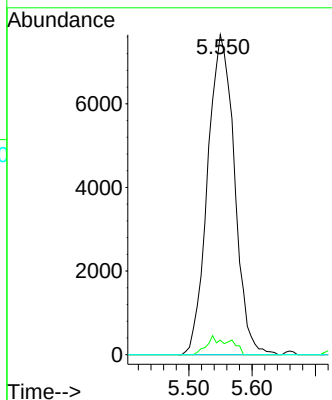
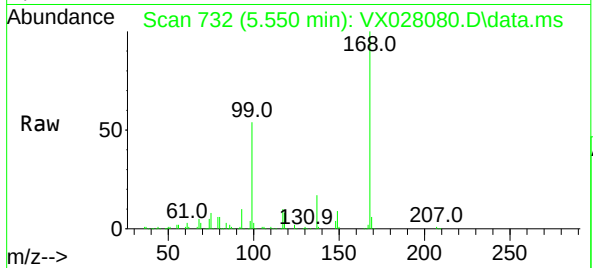




#38
Carbon Tetrachloride
Concen: 5.509 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

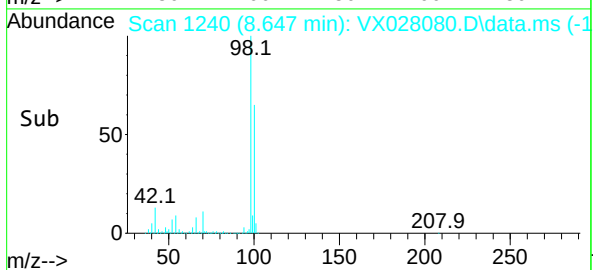
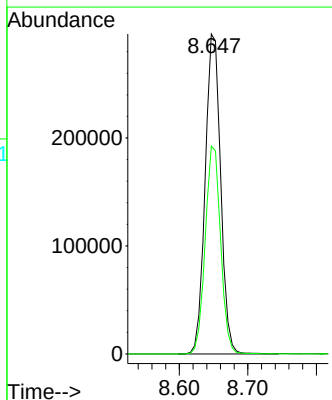
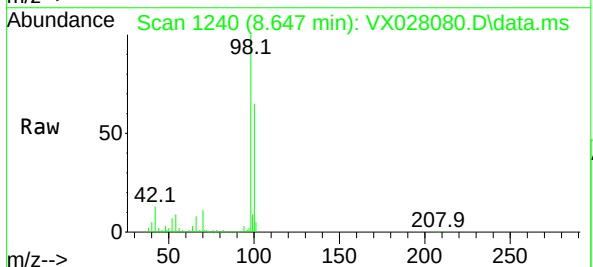
Instrument :
MSVOA_X
ClientSampleId :
VX0413MBL01

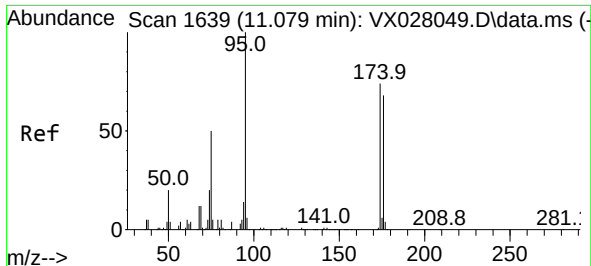
Tgt Ion:117 Resp: 22479
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.954 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

Tgt Ion: 98 Resp: 466542
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

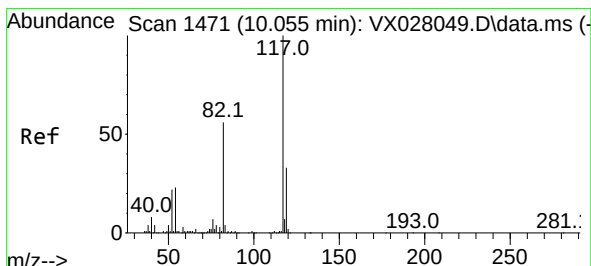
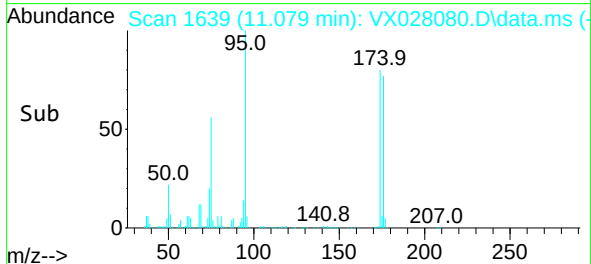
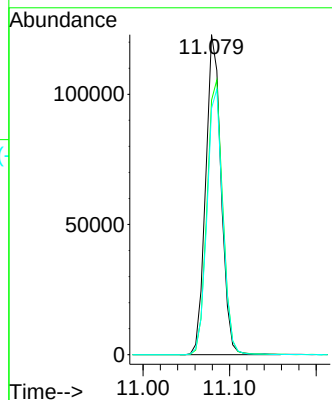
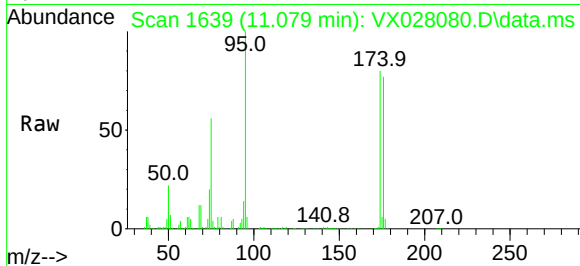




#62
4-Bromofluorobenzene
Concen: 43.506 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

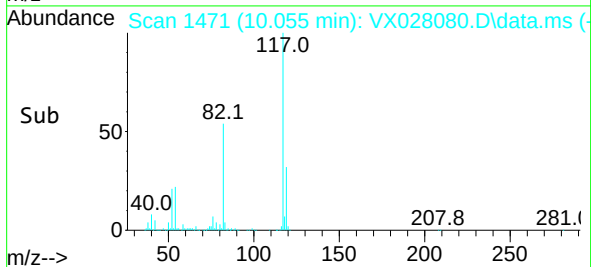
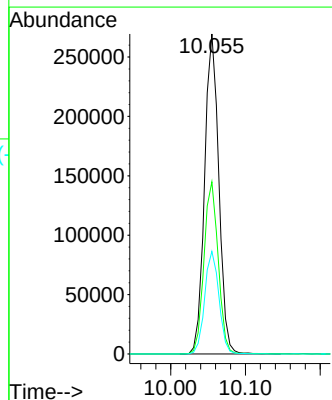
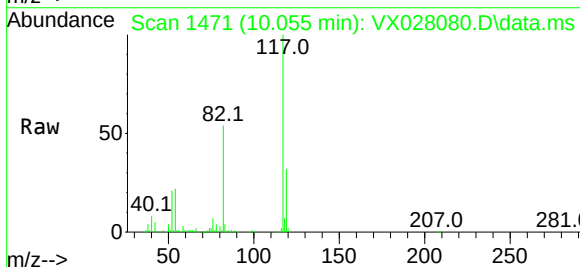
Instrument :
MSVOA_X
ClientSampleId :
VX0413MBL01

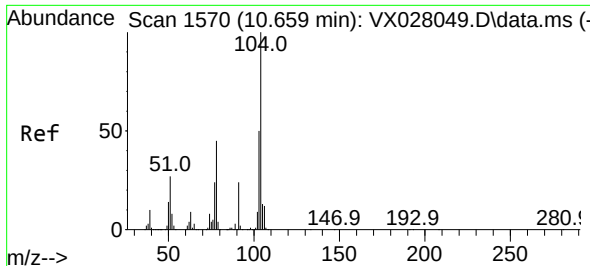
Tgt Ion: 95 Resp: 151712
Ion Ratio Lower Upper
95 100
174 88.0 0.0 163.0
176 84.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

Tgt Ion: 117 Resp: 356007
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.8
119 32.1 24.8 37.2

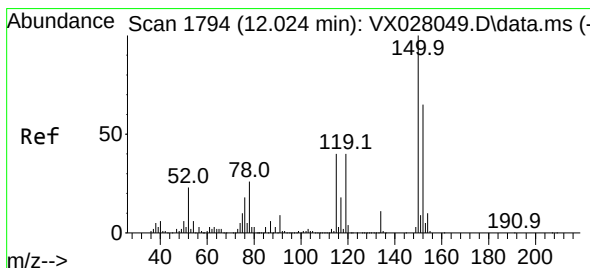
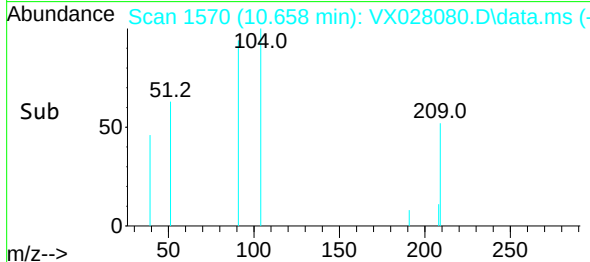
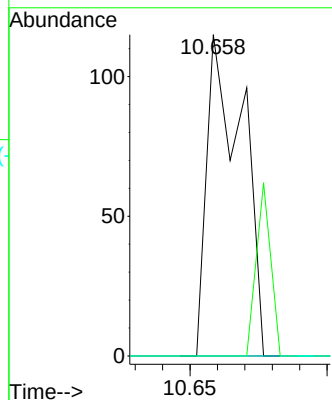
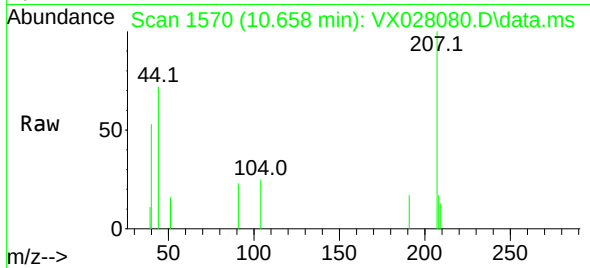




#70
Styrene
Concen: 4.713 ug/l
RT: 10.658 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

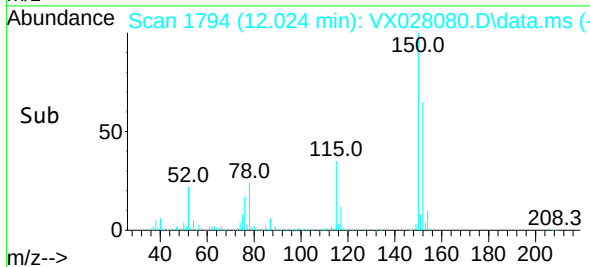
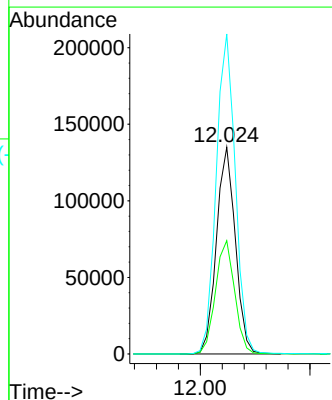
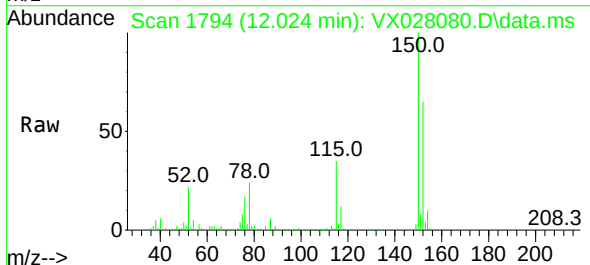
Instrument :
MSVOA_X
ClientSampleId :
VX0413MBL01

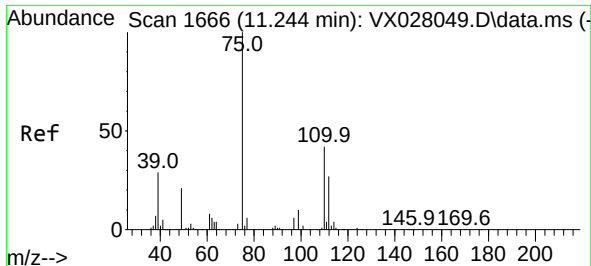
Tgt Ion:104 Resp: 103
Ion Ratio Lower Upper
104 100
78 22.3 38.6 57.8#
103 0.0 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

Tgt Ion:152 Resp: 162077
Ion Ratio Lower Upper
152 100
115 55.7 37.5 112.7
150 156.4 0.0 338.2

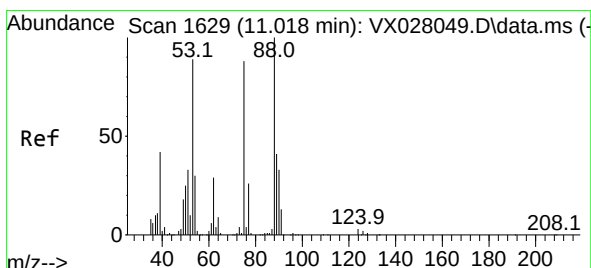
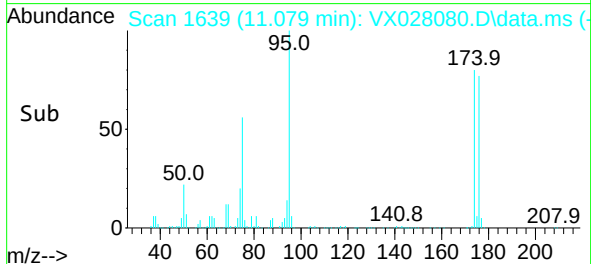
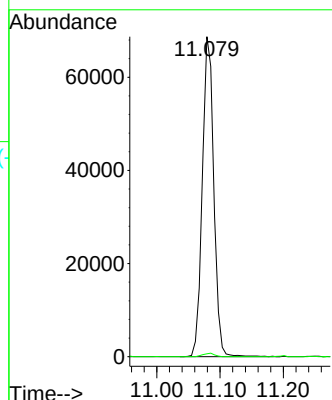
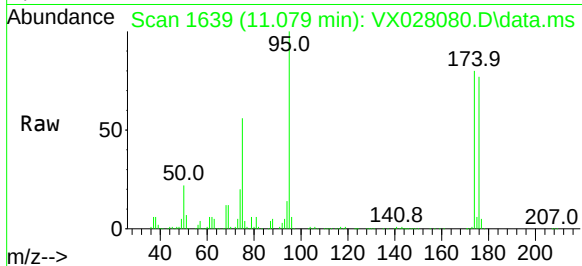




#76
1,2,3-Trichloropropane
Concen: 24.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

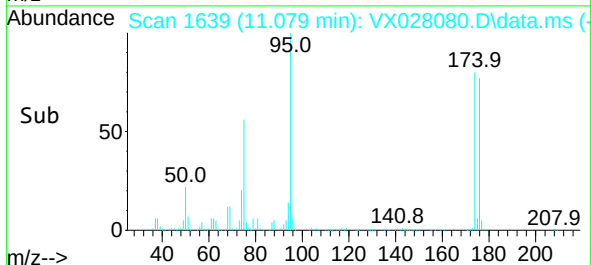
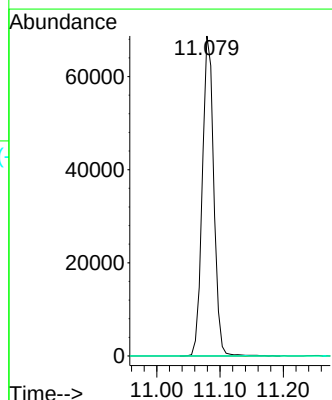
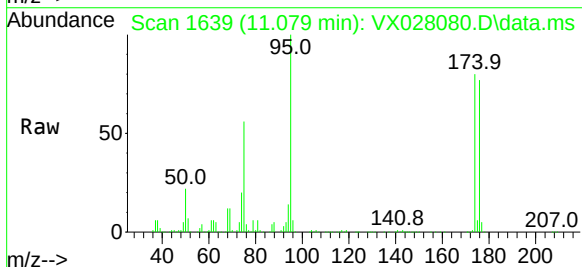
Instrument :
MSVOA_X
ClientSampleId :
VX0413MBL01

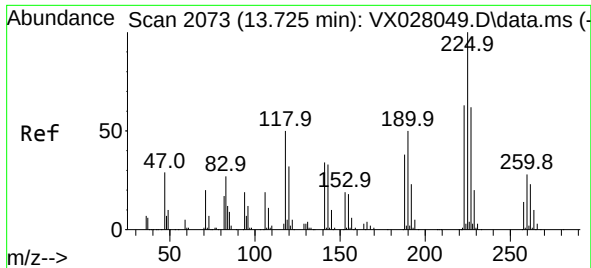
Tgt Ion: 75 Resp: 86838
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.783 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028080.D
Acq: 13 Apr 2022 10:08

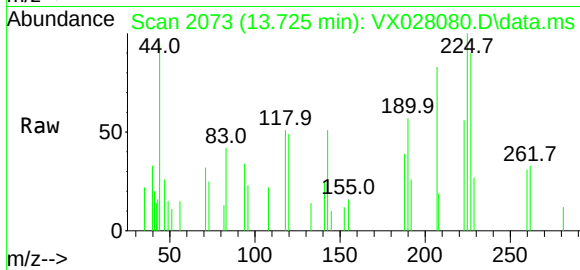
Tgt Ion: 75 Resp: 86838
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.537 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX028080.D
 Acq: 13 Apr 2022 10:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0413MBL01



Tgt Ion:	225	Resp:	663
Ion	Ratio	Lower	Upper
225	100		
223	71.2	34.2	102.5
227	62.3	33.9	101.7

