

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042822\
 Data File : VX028394.D
 Acq On : 28 Apr 2022 12:11
 Operator : JC/MD
 Sample : VX0428MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBL01

Quant Time: Apr 29 04:07:35 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)

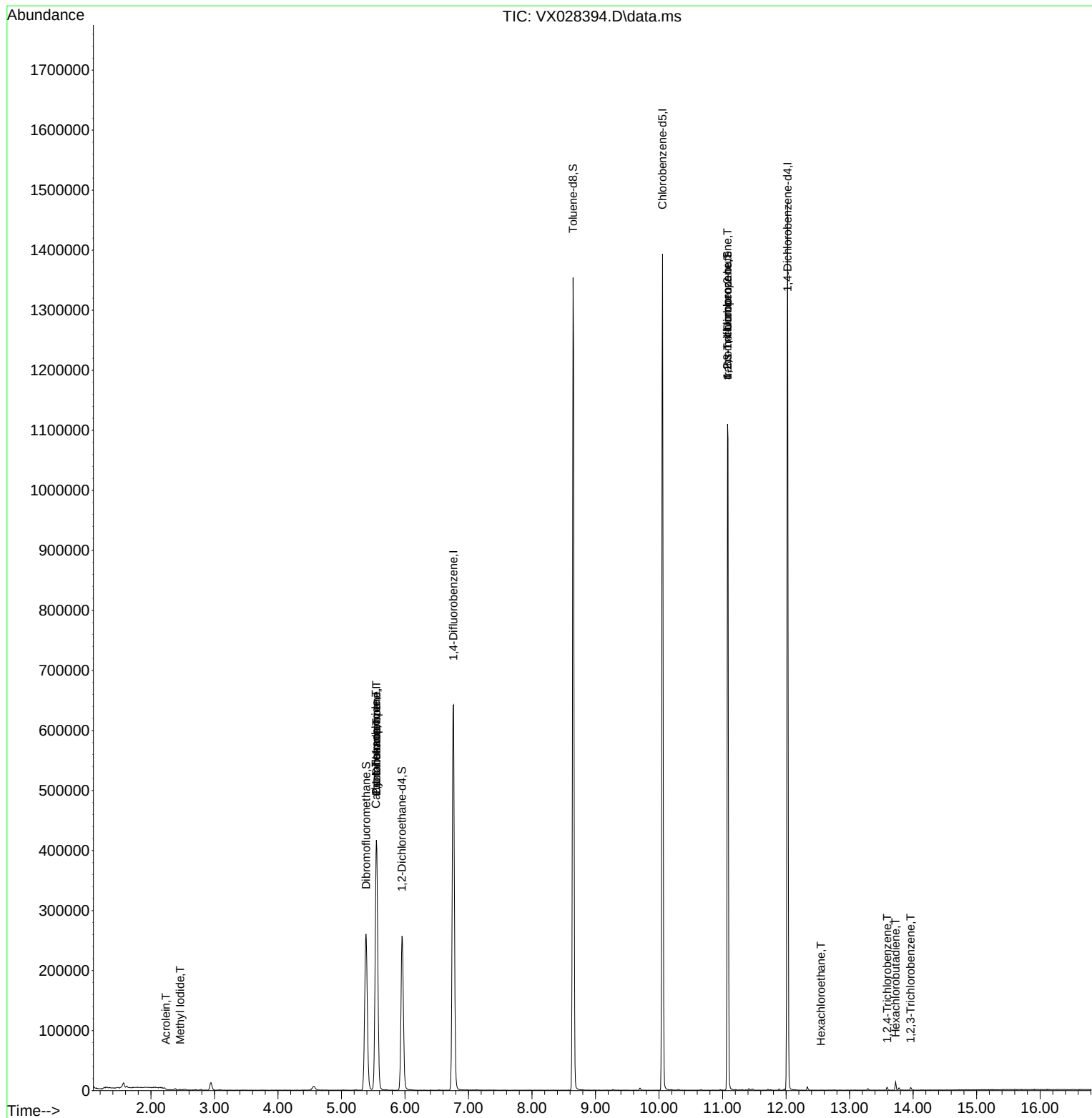
Internal Standards						
1) Pentafluorobenzene	5.550	168	415902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	702620	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	654406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	307152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	242118	44.647	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.300%		
35) Dibromofluoromethane	5.385	113	229343	46.544	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.080%		
50) Toluene-d8	8.647	98	821393	43.402	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	86.800%		
62) 4-Bromofluorobenzene	11.079	95	292767	40.459	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	80.920%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	476	Below Cal		95
5) Bromomethane	1.618	94	1389	Below Cal		92
6) Chloroethane	1.679	64	135	Below Cal #		43
10) Methyl Iodide	2.459	142	1188	5.465 ug/l		92
11) Tert butyl alcohol	2.940	59	7338	Below Cal #		74
13) Acrolein	2.233	56	167	0.251 ug/l #		1
31) Cyclohexane	5.550	56	7939	1.202 ug/l #		21
36) 1,1-Dichloropropene	5.550	75	29630	4.610 ug/l #		50
38) Carbon Tetrachloride	5.544	117	41494	5.719 ug/l #		15
76) 1,2,3-Trichloropropane	11.079	75	145055	23.996 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.079	75	145055	71.310 ug/l #		15
90) Hexachloroethane	12.549	117	91	1.839 ug/l #		34
93) 1,2,4-Trichlorobenzene	13.591	180	1376	0.225 ug/l		95
94) Hexachlorobutadiene	13.725	225	1847	0.678 ug/l		94
96) 1,2,3-Trichlorobenzene	13.963	180	1416	0.236 ug/l		95

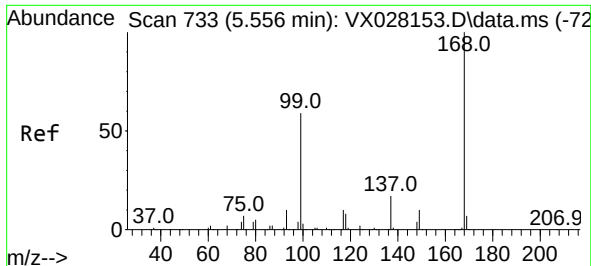
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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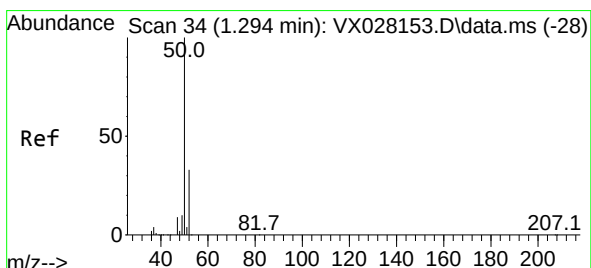
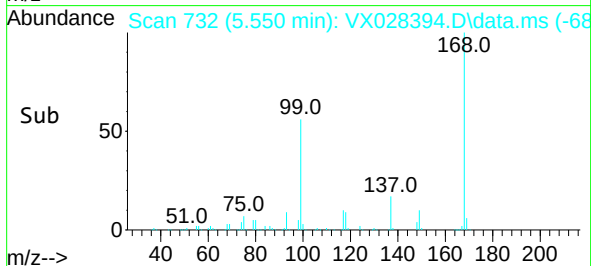
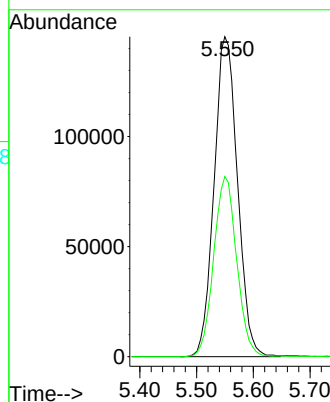
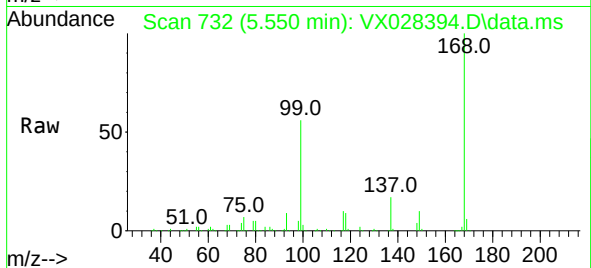




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

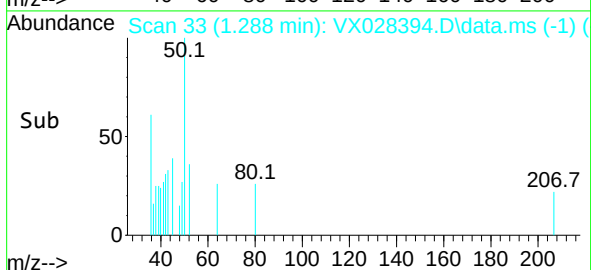
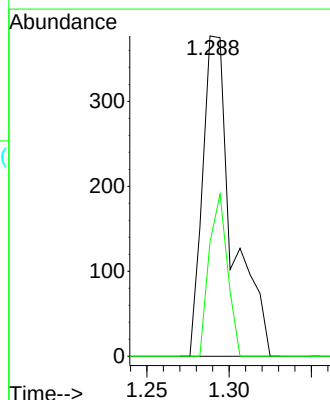
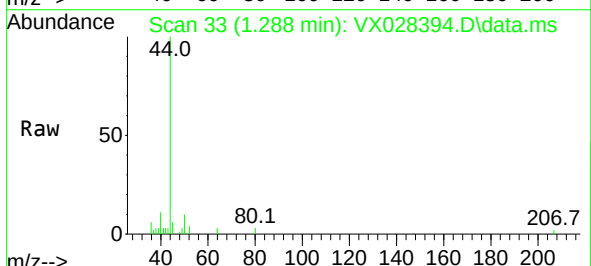
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

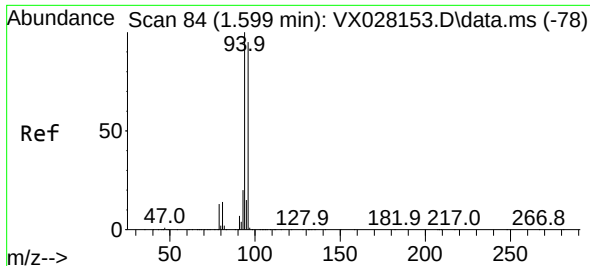
Tgt Ion:168 Resp: 415902
Ion Ratio Lower Upper
168 100
99 56.3 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 35.5 26.4 39.6

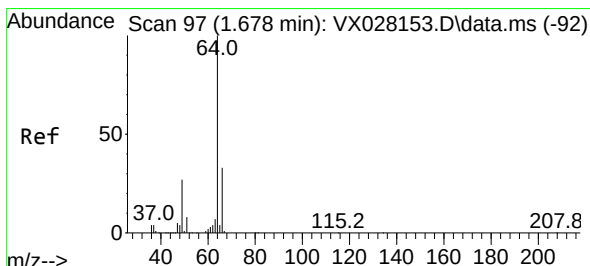
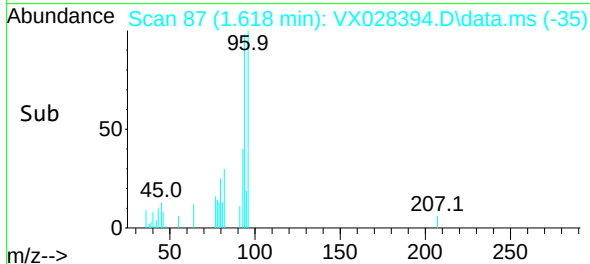
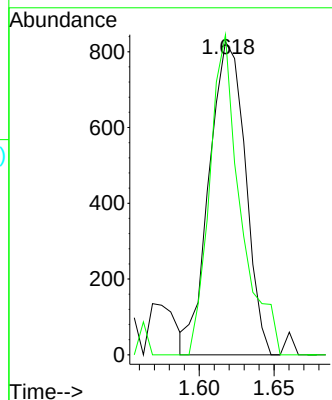
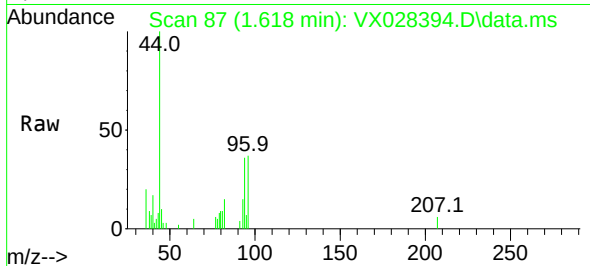




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

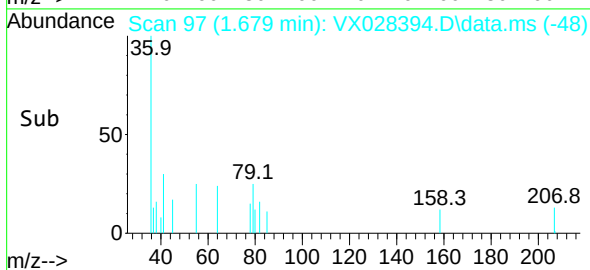
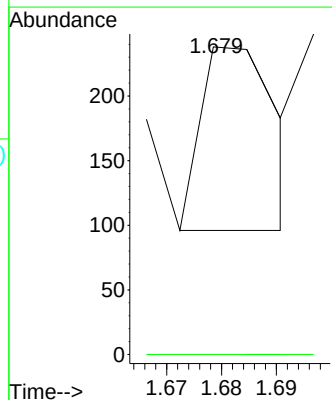
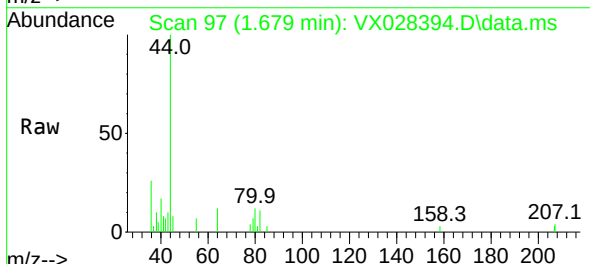
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

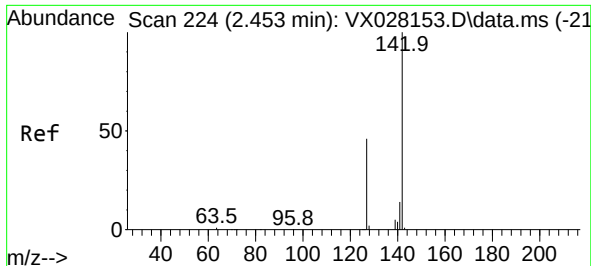
Tgt Ion: 94 Resp: 1389
Ion Ratio Lower Upper
94 100
96 102.2 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. 0.001 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

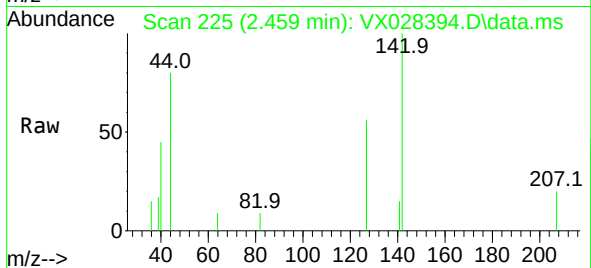
Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



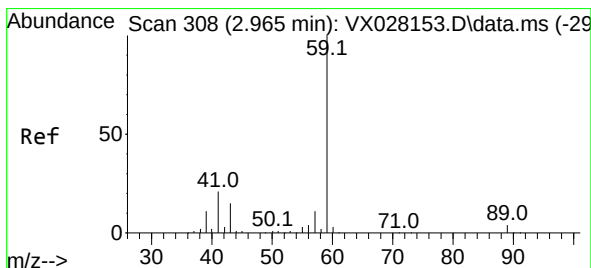
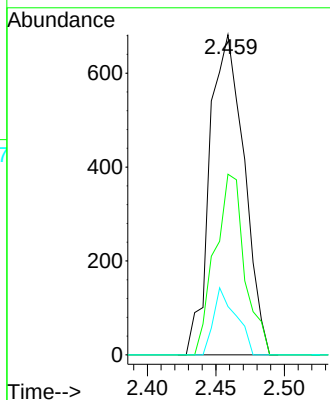
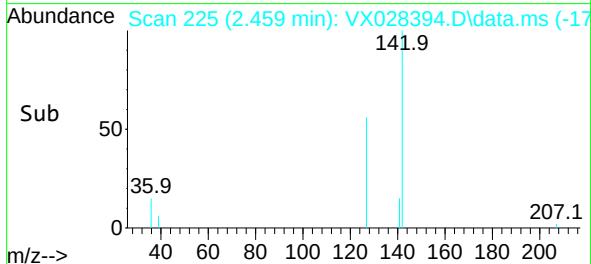


#10
Methyl Iodide
Concen: 5.465 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

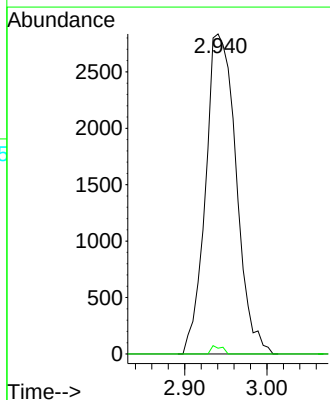
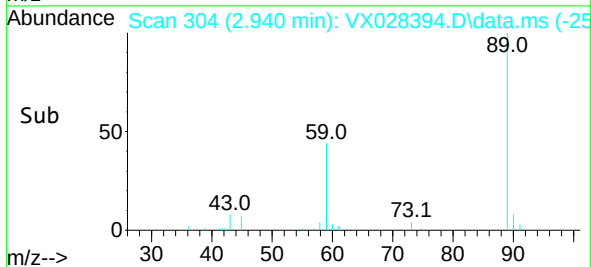
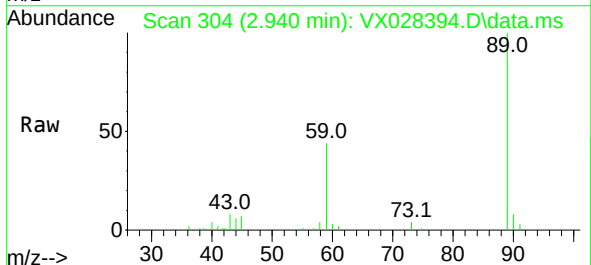


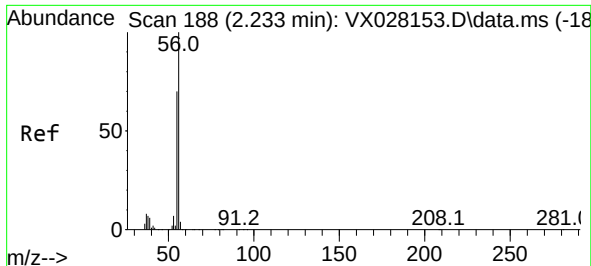
Tgt Ion:142 Resp: 1188
Ion Ratio Lower Upper
142 100
127 49.2 33.9 50.9
141 13.8 11.4 17.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

Tgt Ion: 59 Resp: 7338
Ion Ratio Lower Upper
59 100
57 0.6 8.3 12.5#

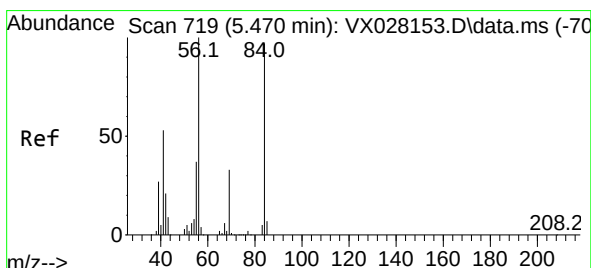
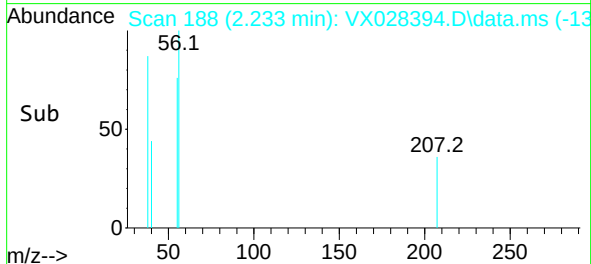
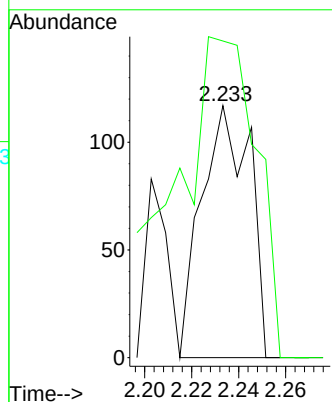
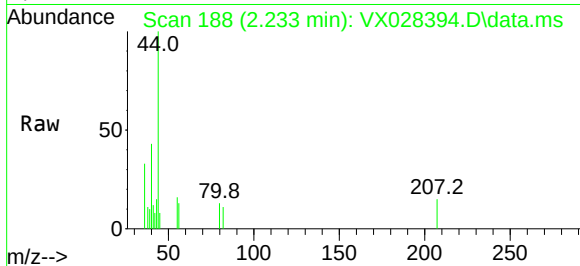




#13
Acrolein
Concen: 0.251 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

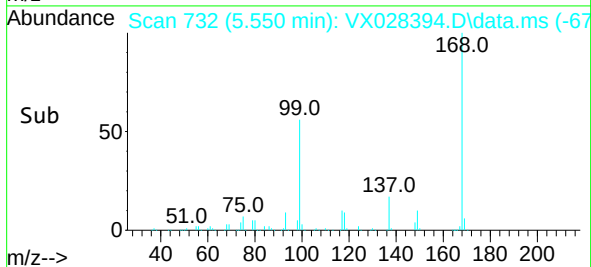
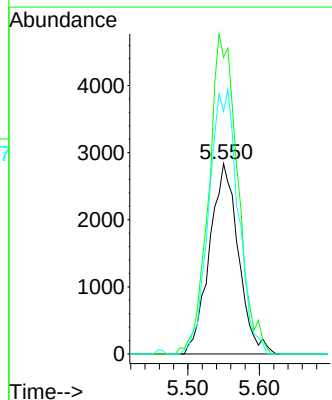
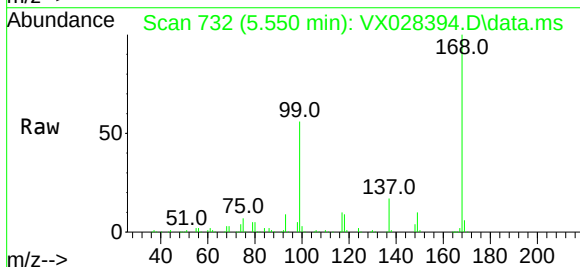
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

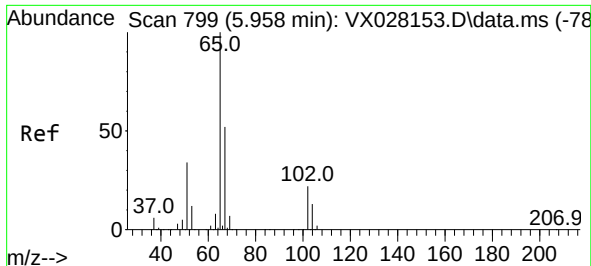
Tgt Ion: 56 Resp: 167
Ion Ratio Lower Upper
56 100
55 188.6 55.0 82.6#



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

Tgt Ion: 56 Resp: 7939
Ion Ratio Lower Upper
56 100
69 155.9 26.7 40.1#
84 127.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 44.647 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX028394.D

Acq: 28 Apr 2022 12:11

Instrument :

MSVOA_X

ClientSampleId :

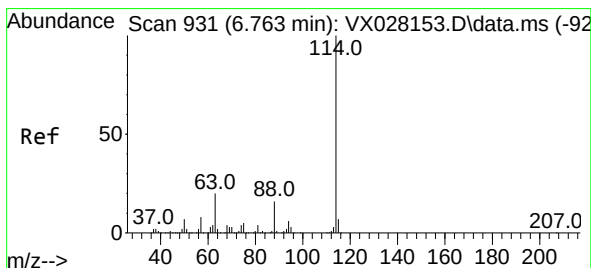
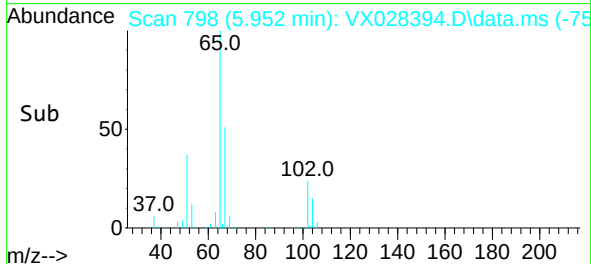
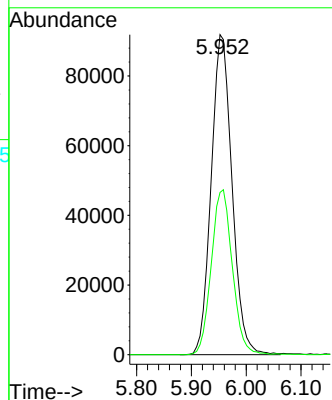
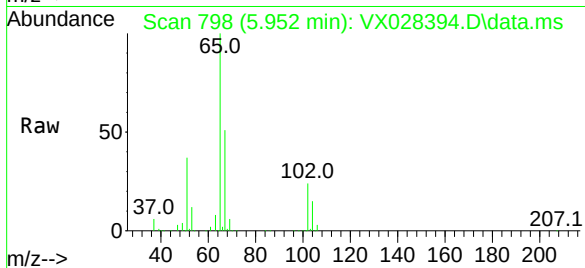
VX0428MBL01

Tgt Ion: 65 Resp: 242118

Ion Ratio Lower Upper

65 100

67 52.1 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: VX028394.D

Acq: 28 Apr 2022 12:11

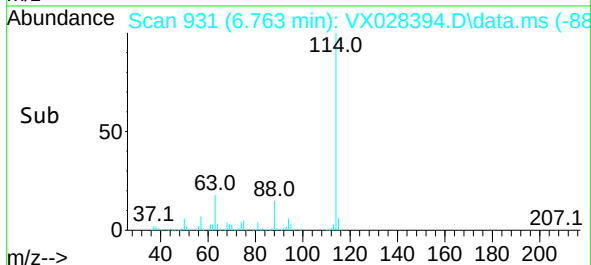
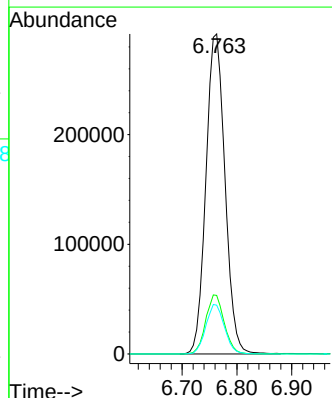
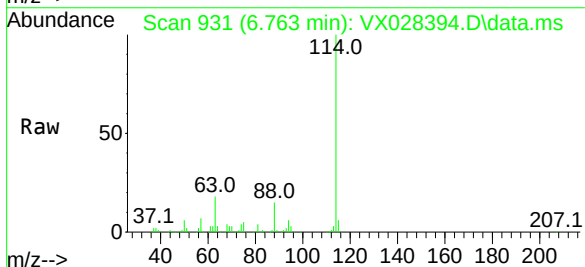
Tgt Ion: 114 Resp: 702620

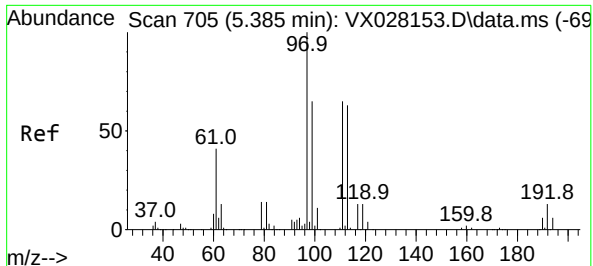
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.2 0.0 32.4

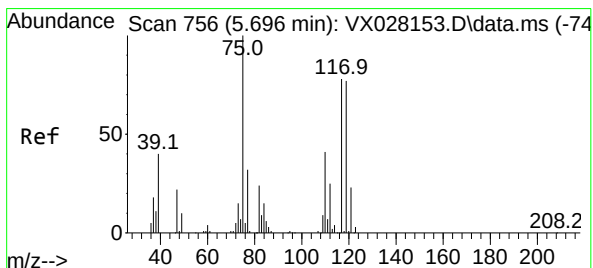
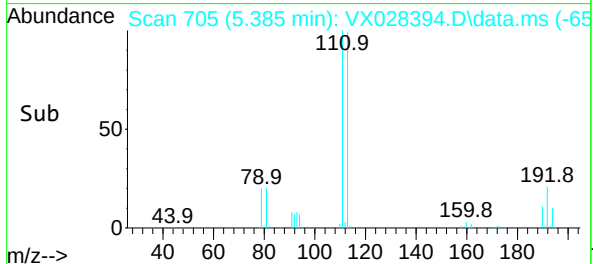
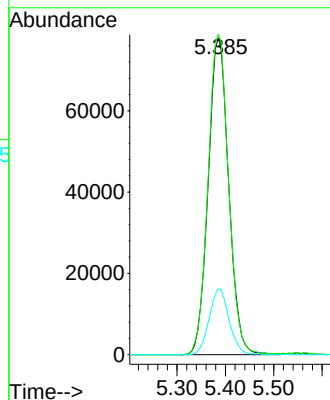
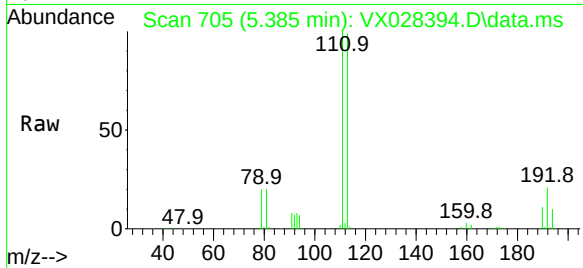




#35
Dibromofluoromethane
Concen: 46.544 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

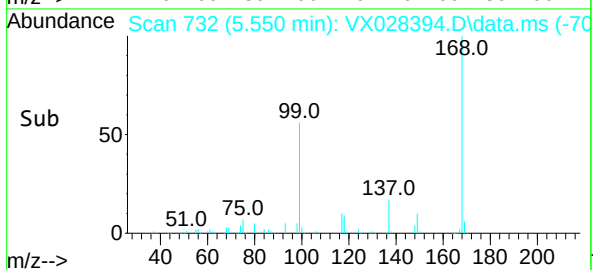
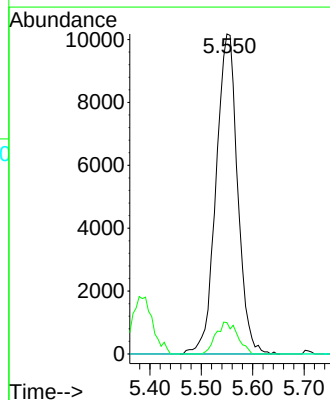
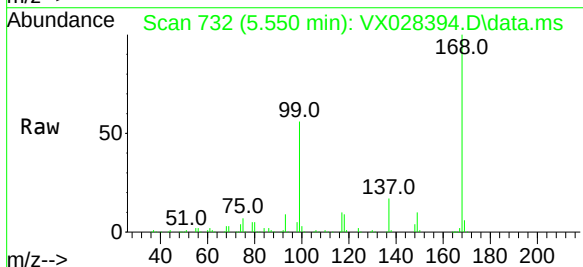
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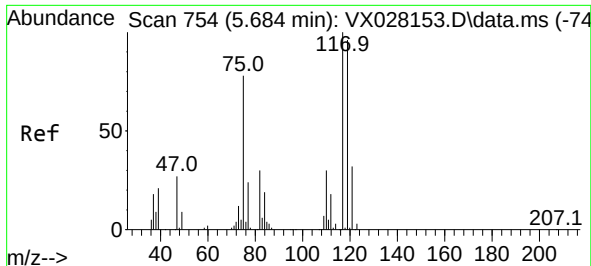
Tgt Ion:113 Resp: 229343
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

Tgt Ion: 75 Resp: 29630
Ion Ratio Lower Upper
75 100
110 10.0 18.3 54.8#
77 0.0 24.8 37.2#

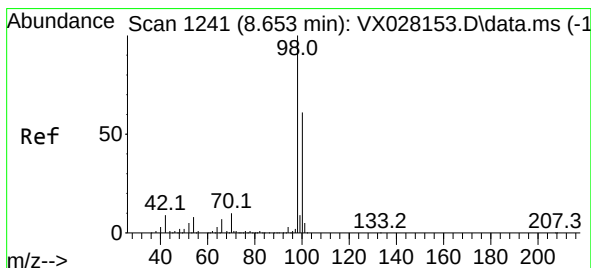
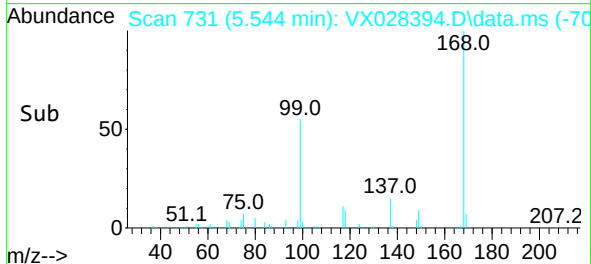
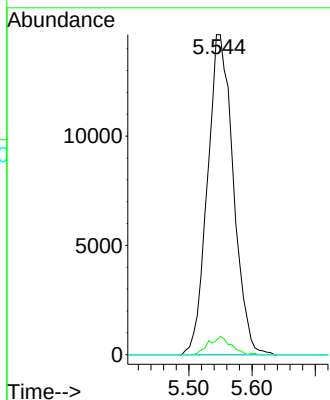
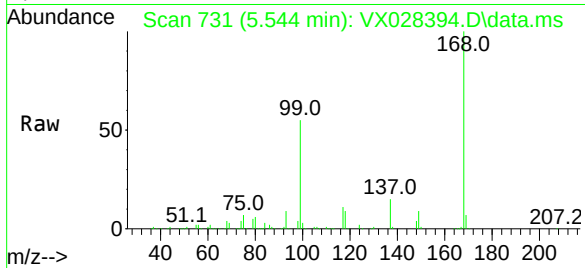




#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

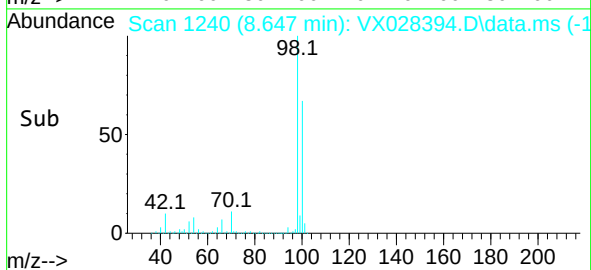
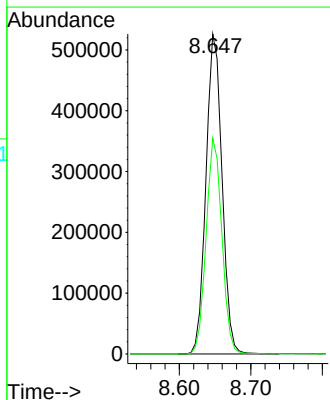
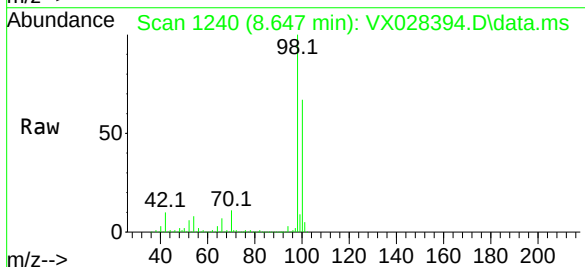
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

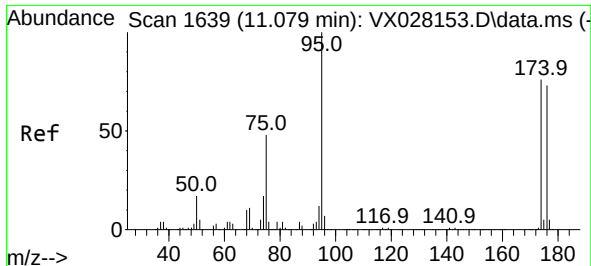
Tgt Ion:117 Resp: 41494
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.402 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

Tgt Ion: 98 Resp: 821393
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

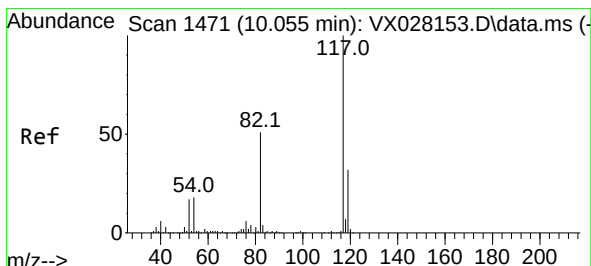
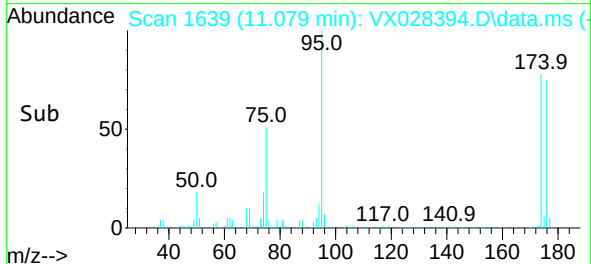
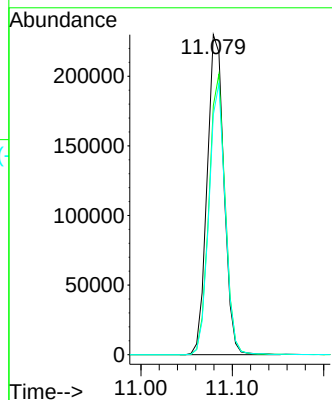
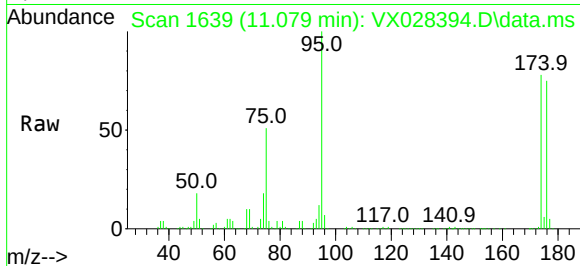




#62
4-Bromofluorobenzene
Concen: 40.459 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

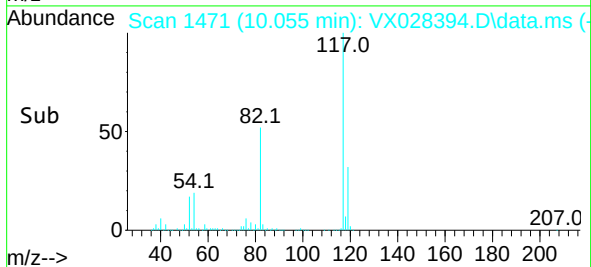
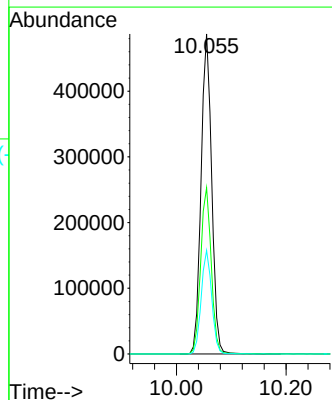
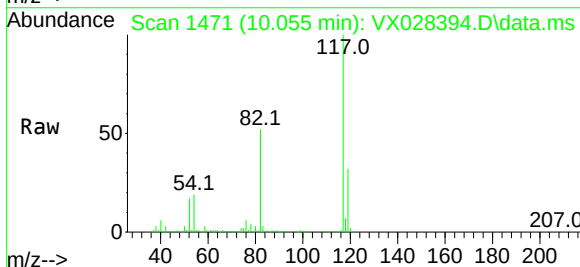
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

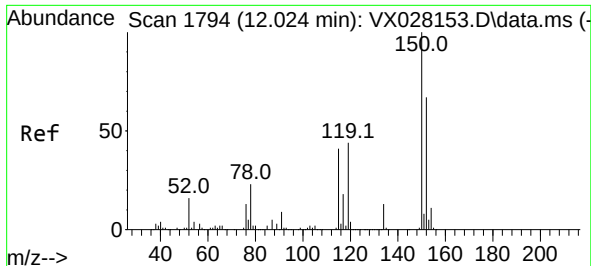
Tgt Ion: 95 Resp: 292767
Ion Ratio Lower Upper
95 100
174 85.0 0.0 163.0
176 81.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

Tgt Ion: 117 Resp: 654406
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.3 24.8 37.2

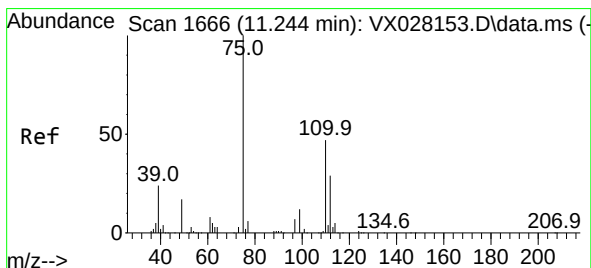
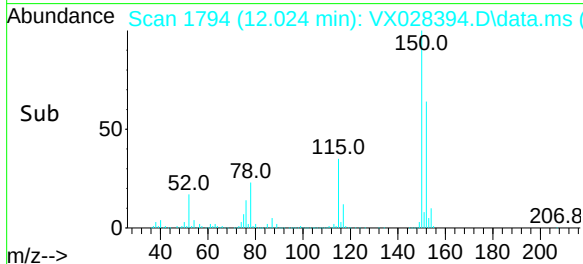
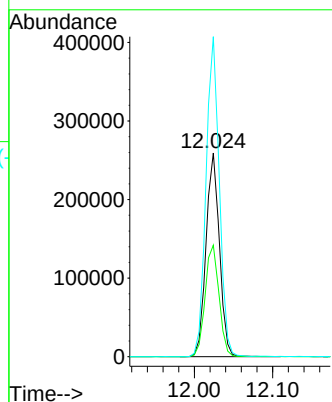
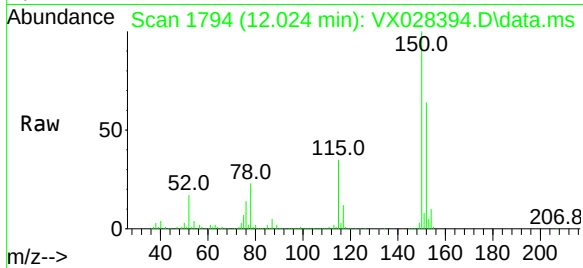




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX028394.D
 Acq: 28 Apr 2022 12:11

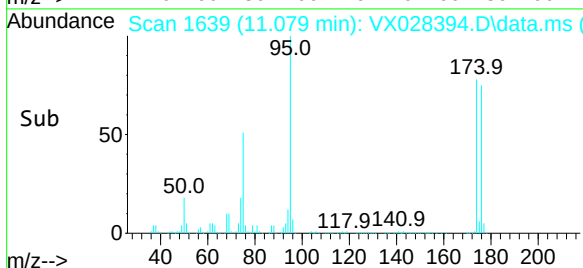
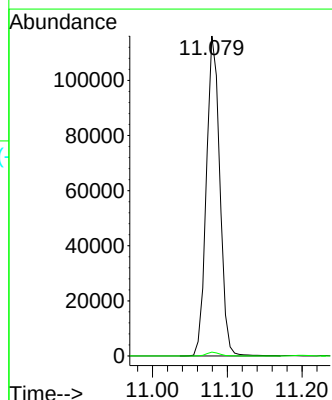
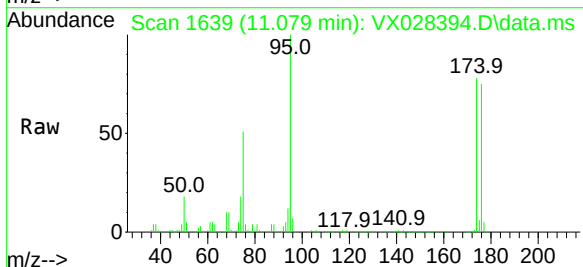
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBL01

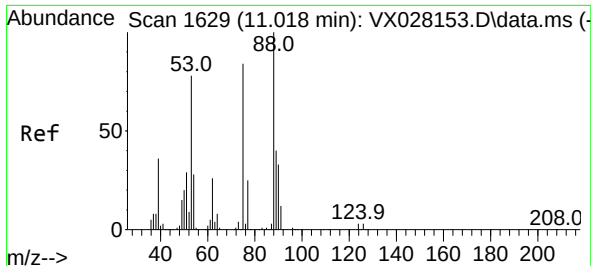
Tgt Ion:152 Resp: 307152
 Ion Ratio Lower Upper
 152 100
 115 56.8 37.5 112.7
 150 155.5 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.996 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028394.D
 Acq: 28 Apr 2022 12:11

Tgt Ion: 75 Resp: 145055
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

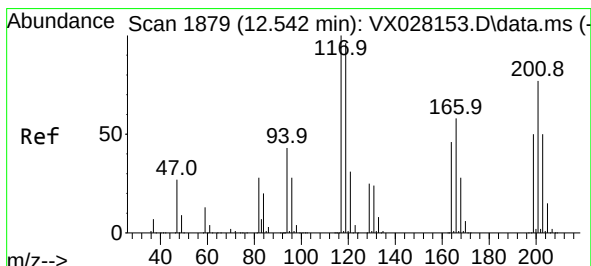
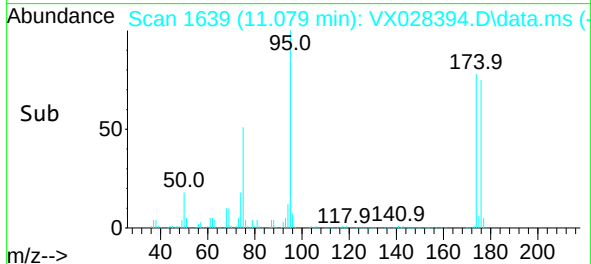
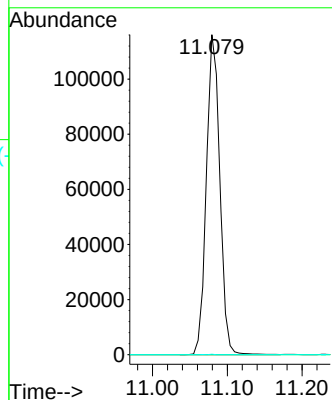
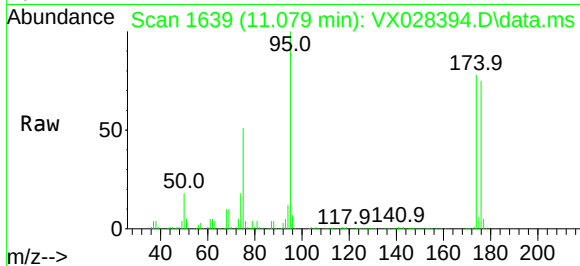




#81
trans-1,4-Dichloro-2-butene
Concen: 71.310 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

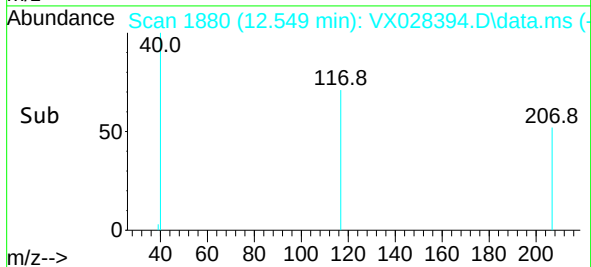
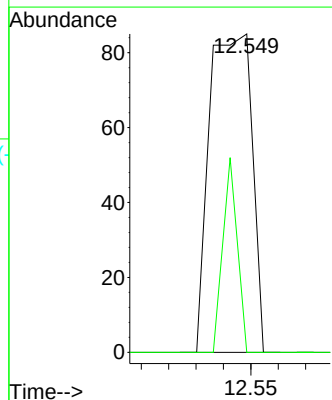
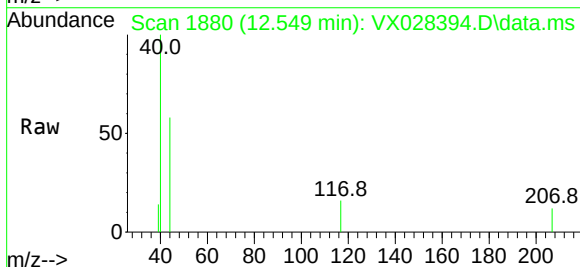
Instrument :
MSVOA_X
ClientSampleId :
VX0428MBL01

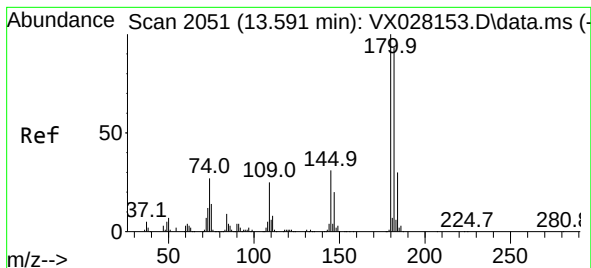
Tgt Ion: 75 Resp: 145055
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#



#90
Hexachloroethane
Concen: 1.839 ug/l
RT: 12.549 min Scan# 1880
Delta R.T. 0.007 min
Lab File: VX028394.D
Acq: 28 Apr 2022 12:11

Tgt Ion: 117 Resp: 91
Ion Ratio Lower Upper
117 100
201 20.9 39.5 118.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.225 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028394.D

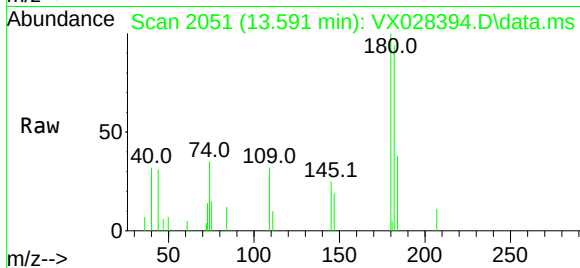
Acq: 28 Apr 2022 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBL01



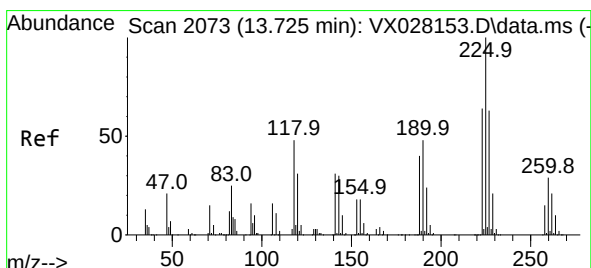
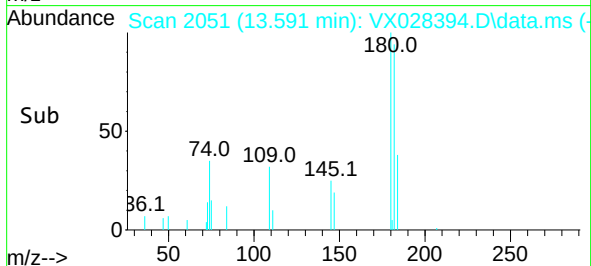
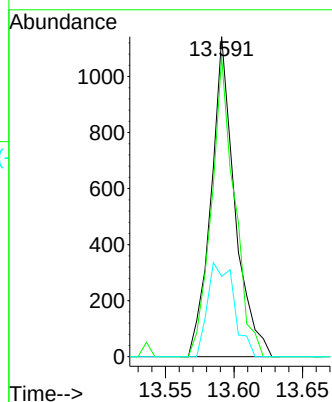
Tgt Ion:180 Resp: 1376

Ion Ratio Lower Upper

180 100

182 90.8 47.7 143.1

145 32.5 15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.678 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028394.D

Acq: 28 Apr 2022 12:11

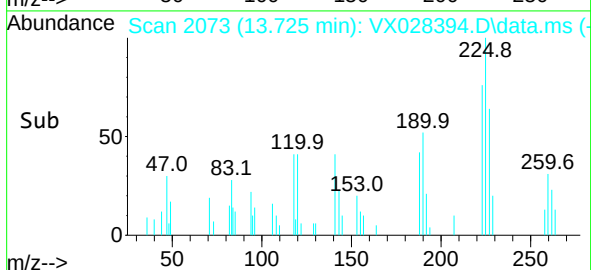
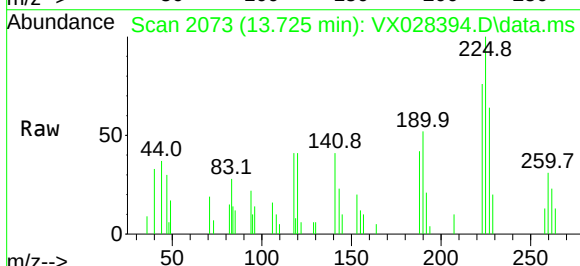
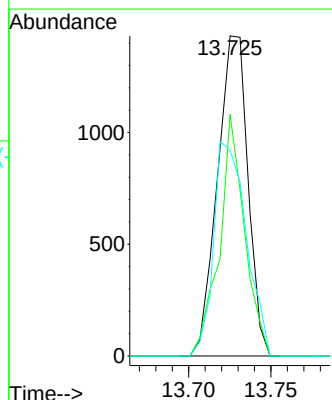
Tgt Ion:225 Resp: 1847

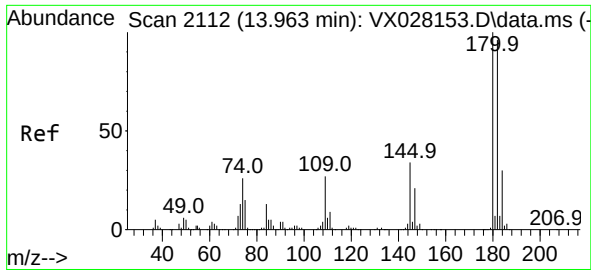
Ion Ratio Lower Upper

225 100

223 62.0 34.2 102.5

227 71.6 33.9 101.7





#96

1,2,3-Trichlorobenzene

Concen: 0.236 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028394.D

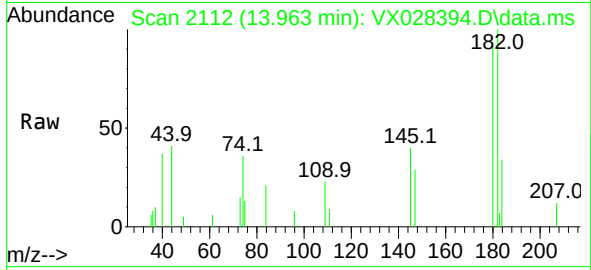
Acq: 28 Apr 2022 12:11

Instrument :

MSVOA_X

ClientSampleId :

VX0428MBL01



Tgt Ion:180 Resp: 1416

Ion Ratio Lower Upper

180 100

182 94.2 50.0 149.8

145 29.9 16.2 48.5

