

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041322\
 Data File : VX028084.D
 Acq On : 13 Apr 2022 11:48
 Operator : JC/MD
 Sample : N2385-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 N48963

Quant Time: Apr 14 04:04:05 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)

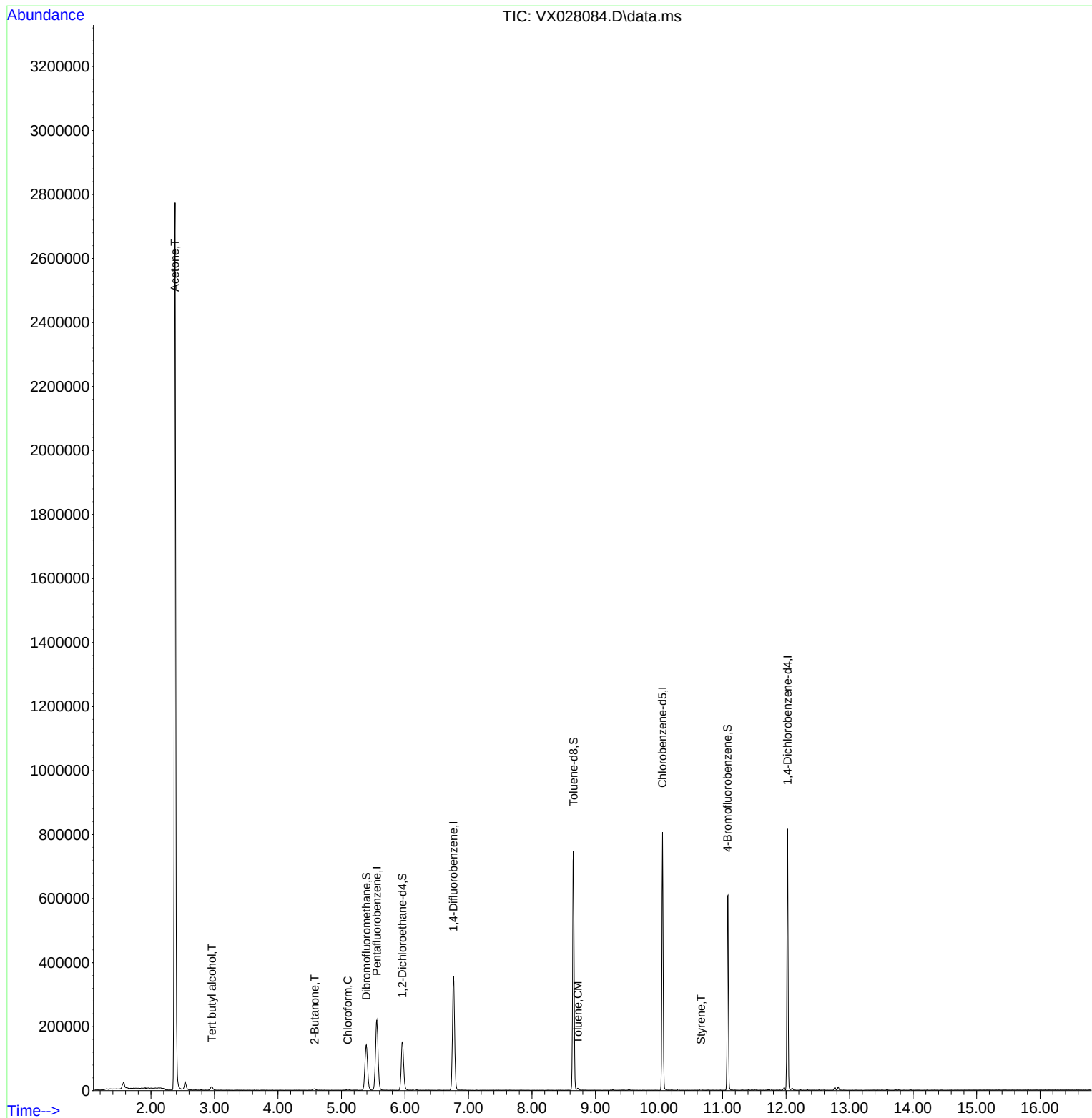
Internal Standards						
1) Pentafluorobenzene	5.556	168	209335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364258	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138425	48.741	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.480%
35) Dibromofluoromethane	5.391	113	120216	50.365	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.740%
50) Toluene-d8	8.653	98	445080	49.998	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.079	95	144295	43.413	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	12359	18.748	ug/l	99
16) Acetone	2.380	43	2817219	2380.896	ug/l	94
25) 2-Butanone	4.574	43	4259	2.082	ug/l #	80
30) Chloroform	5.099	83	3587	0.759	ug/l	90
52) Toluene	8.720	92	1963	0.278	ug/l	85
70) Styrene	10.659	104	1148	4.804	ug/l #	86

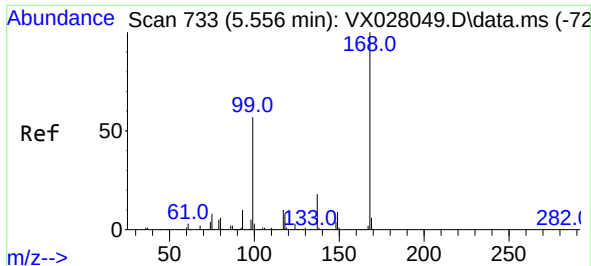
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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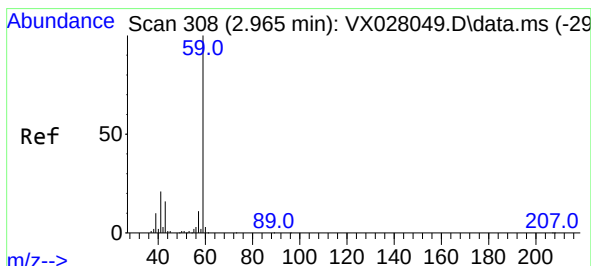
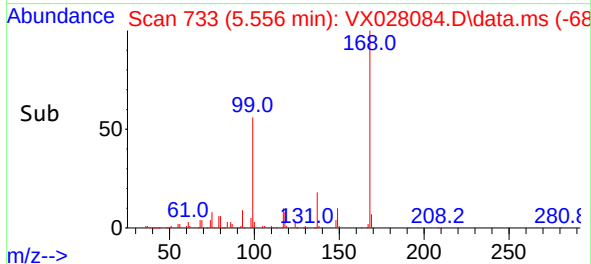
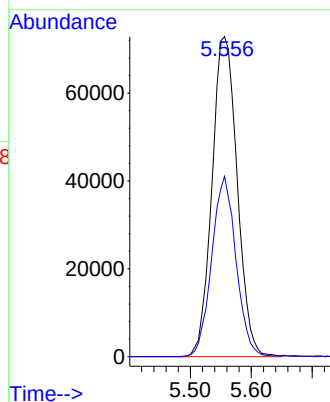
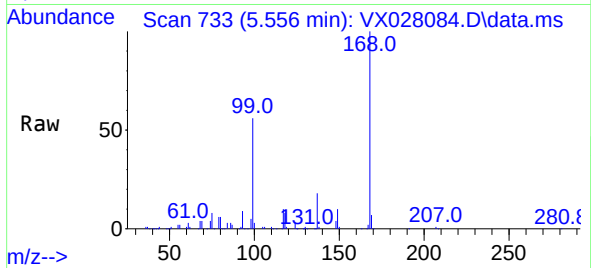




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

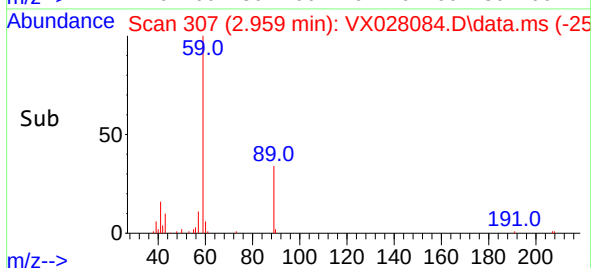
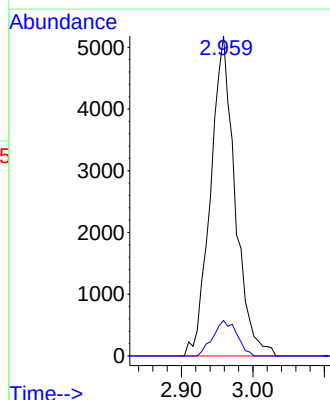
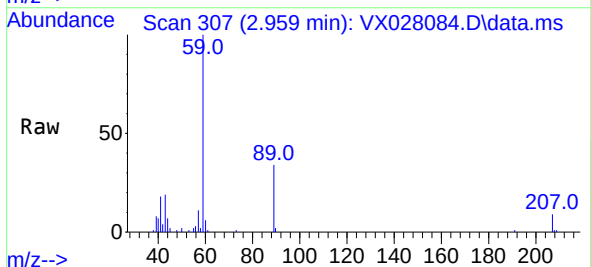
Instrument :
MSVOA_X
ClientSampleId :
N48963

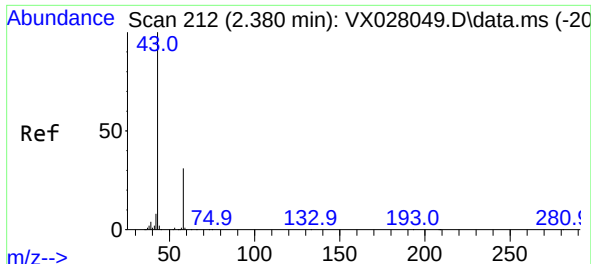
Tgt Ion:168 Resp: 209335
Ion Ratio Lower Upper
168 100
99 56.4 41.7 62.5



#11
Tert butyl alcohol
Concen: 18.748 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 59 Resp: 12359
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

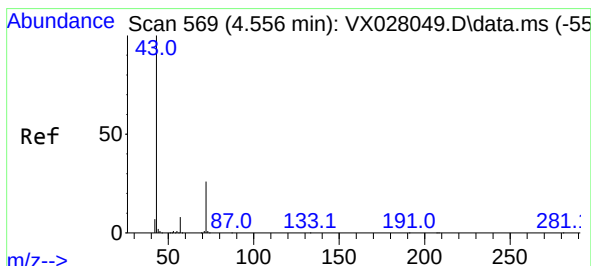
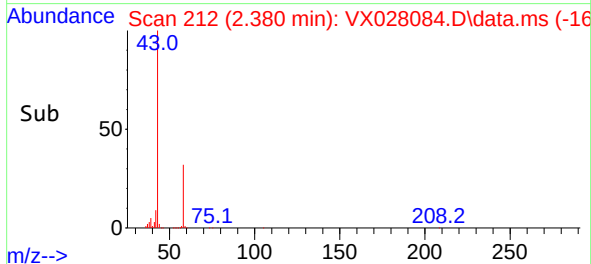
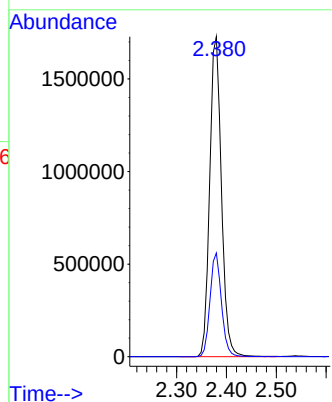
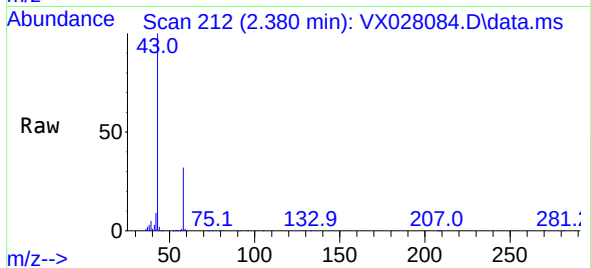




#16
Acetone
Concen: 2380.896 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

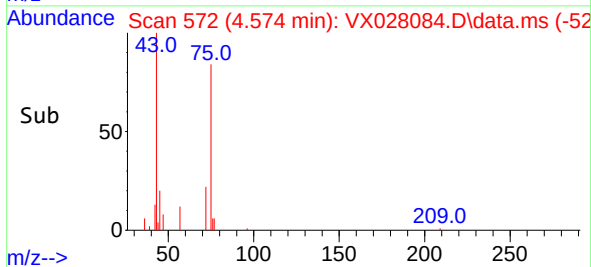
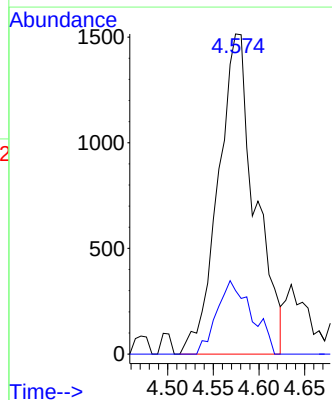
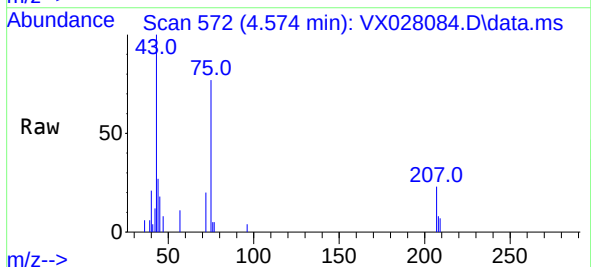
Instrument :
MSVOA_X
ClientSampleId :
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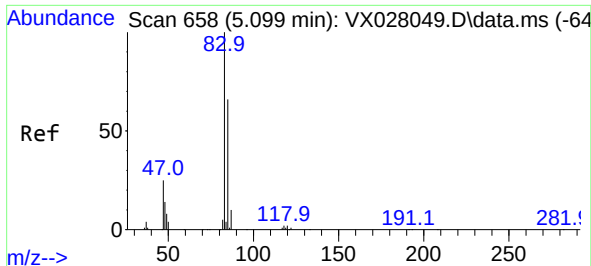
Tgt Ion: 43 Resp: 2817219
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#25
2-Butanone
Concen: 2.082 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 43 Resp: 4259
Ion Ratio Lower Upper
43 100
72 19.8 24.4 36.6#





#30

Chloroform

Concen: 0.759 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX028084.D

Acq: 13 Apr 2022 11:48

Instrument :

MSVOA_X

ClientSampleId :

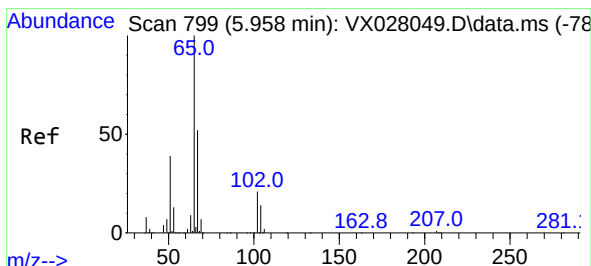
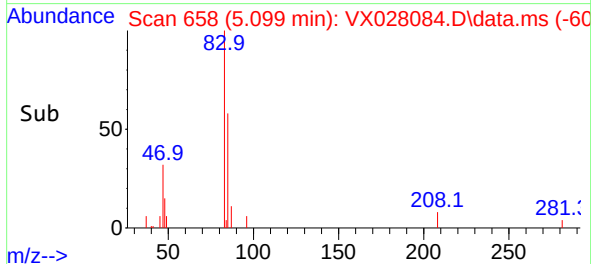
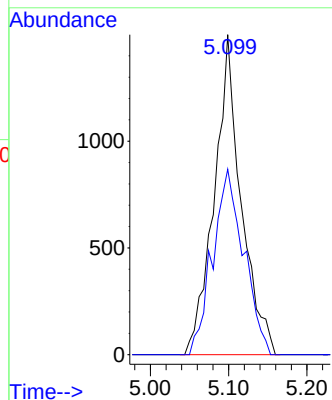
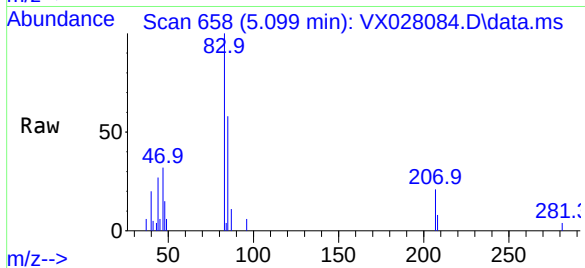
N48963

Tgt Ion: 83 Resp: 3587

Ion Ratio Lower Upper

83 100

85 58.0 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 48.741 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028084.D

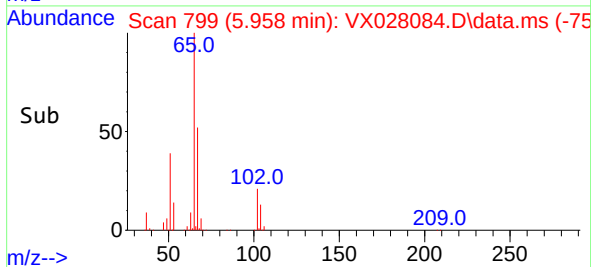
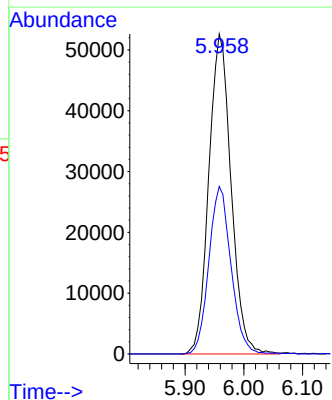
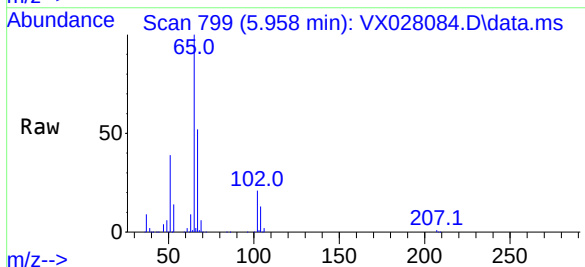
Acq: 13 Apr 2022 11:48

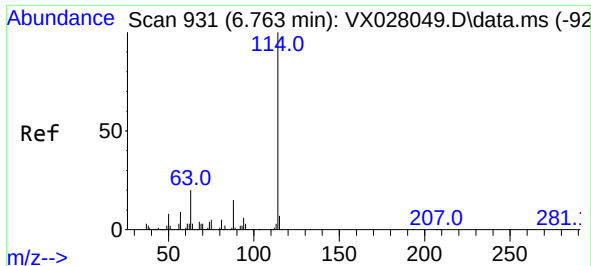
Tgt Ion: 65 Resp: 138425

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4

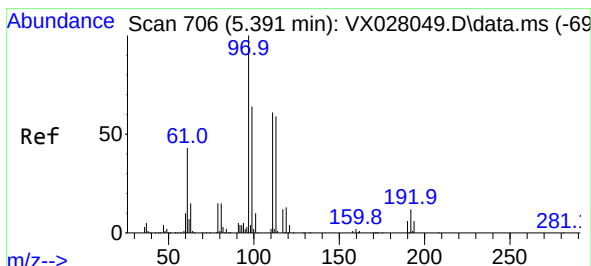
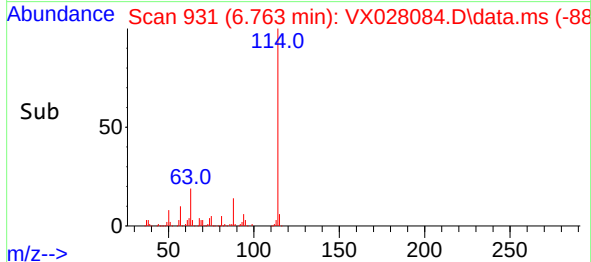
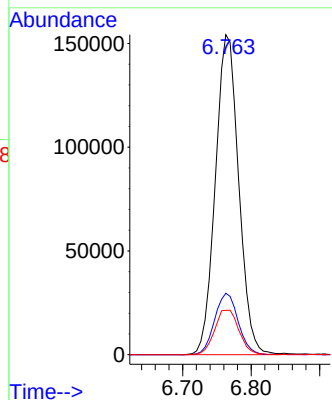
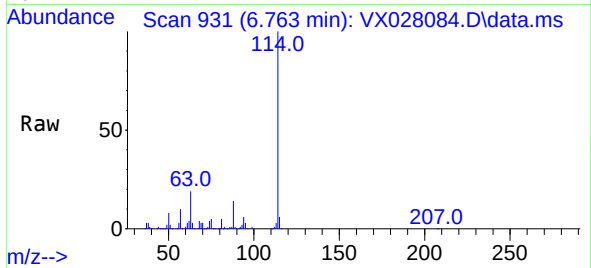




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

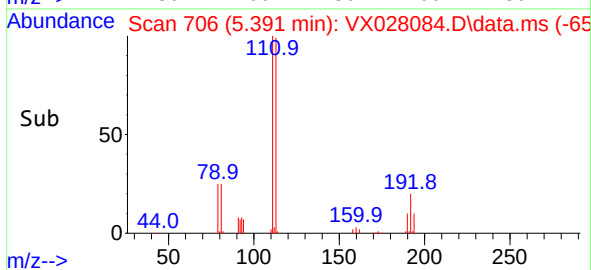
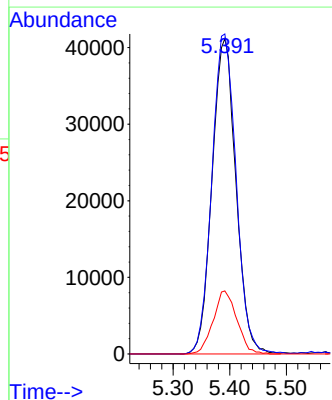
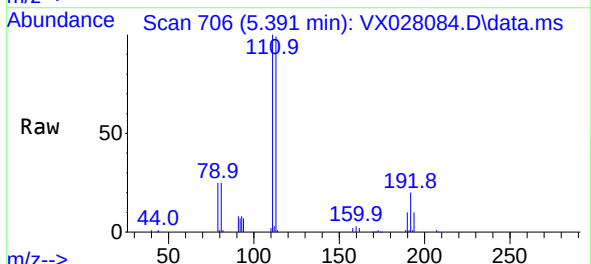
Instrument :
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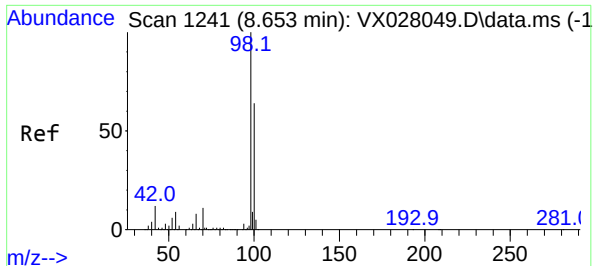
Tgt Ion:114 Resp: 364258
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.8
88 13.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.365 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion:113 Resp: 120216
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 19.9 16.9 25.3





#50

Toluene-d8

Concen: 49.998 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028084.D

Acq: 13 Apr 2022 11:48

Instrument :

MSVOA_X

ClientSampleId :

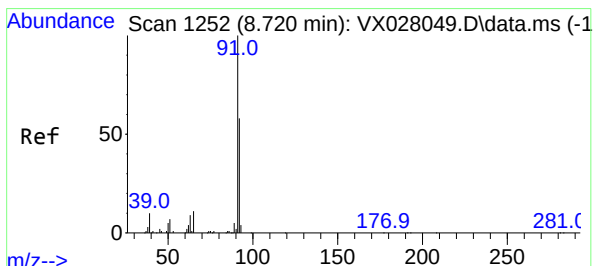
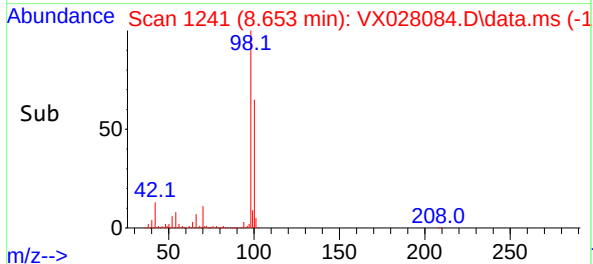
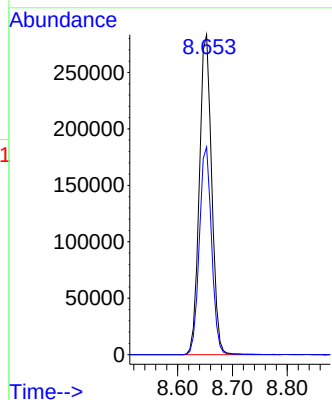
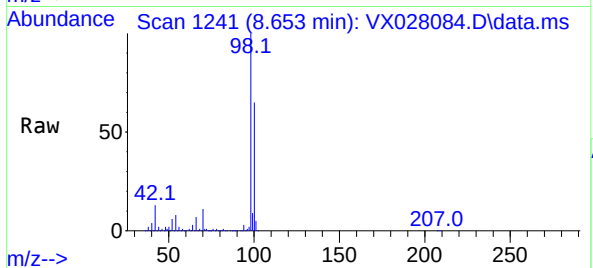
N48963

Tgt Ion: 98 Resp: 445080

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8



#52

Toluene

Concen: 0.278 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028084.D

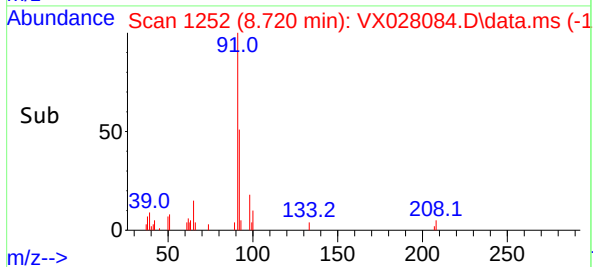
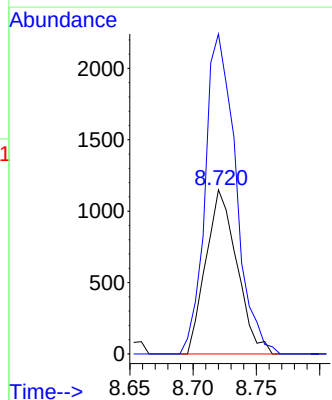
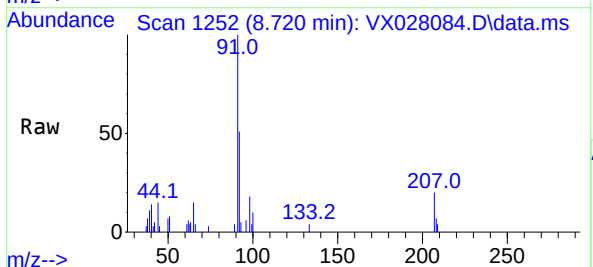
Acq: 13 Apr 2022 11:48

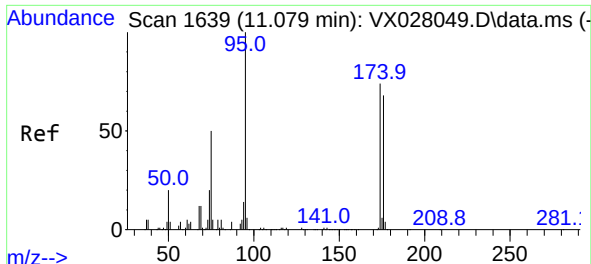
Tgt Ion: 92 Resp: 1963

Ion Ratio Lower Upper

92 100

91 192.0 137.5 206.3

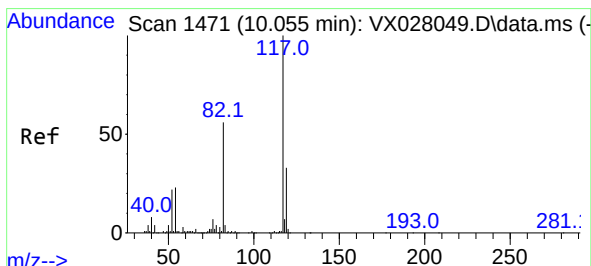
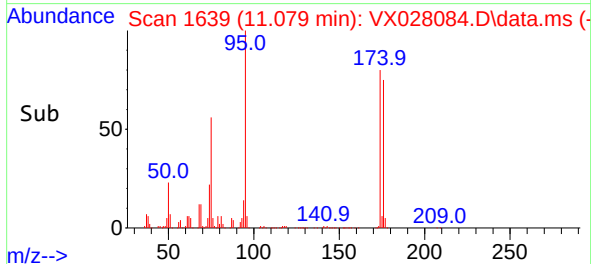
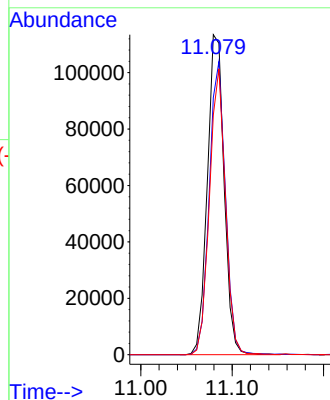
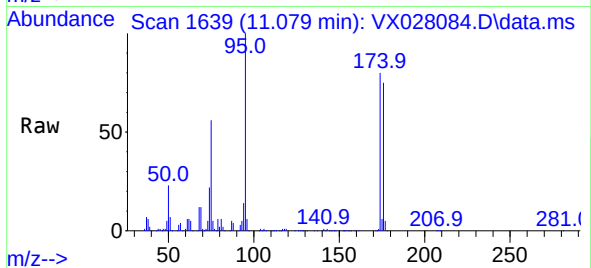




#62
4-Bromofluorobenzene
Concen: 43.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

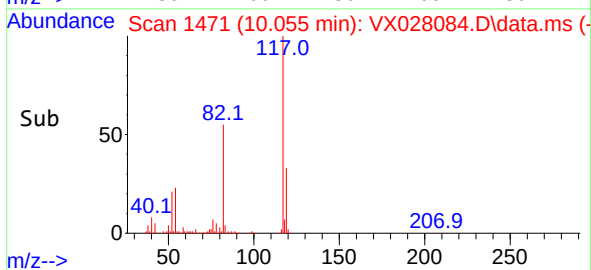
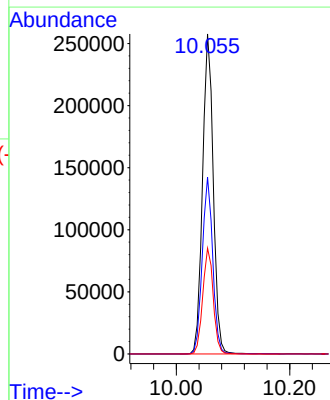
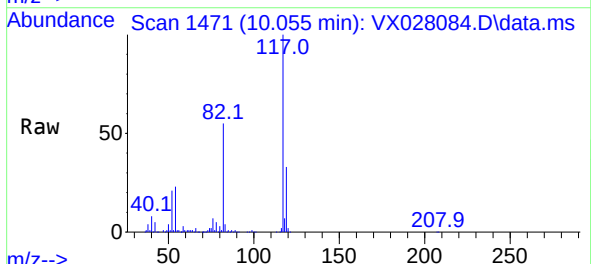
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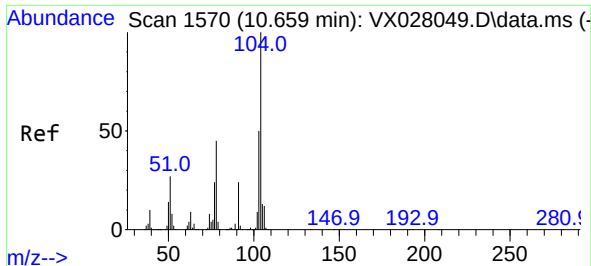
Tgt Ion: 95 Resp: 144295
Ion Ratio Lower Upper
95 100
174 89.0 0.0 163.0
176 85.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion: 117 Resp: 338113
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.8
119 33.1 24.8 37.2

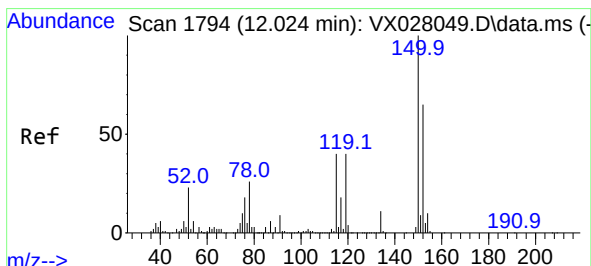
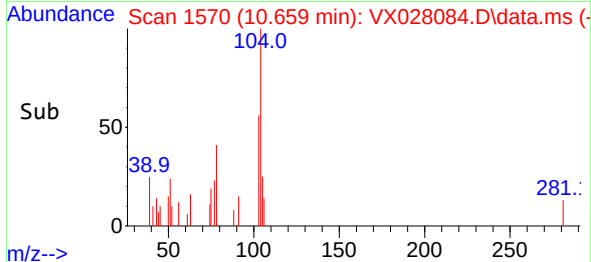
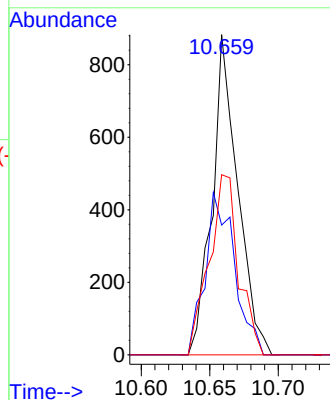
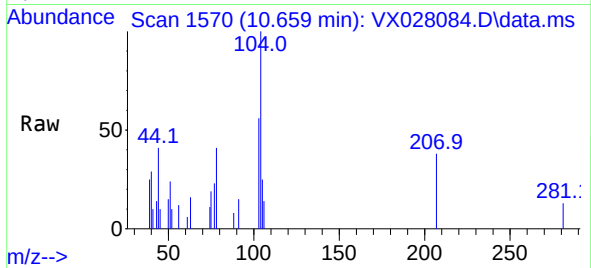




#70
Styrene
Concen: 4.804 ug/l
RT: 10.659 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VX028084.D
Acq: 13 Apr 2022 11:48

Instrument :
MSVOA_X
ClientSampleId :
N48963

Tgt Ion:104 Resp: 1148
Ion Ratio Lower Upper
104 100
78 58.2 38.6 57.8#
103 64.8 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: VX028084.D
Acq: 13 Apr 2022 11:48

Tgt Ion:152 Resp: 157512
Ion Ratio Lower Upper
152 100
115 57.2 37.5 112.7
150 158.0 0.0 338.2

