

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050222\
 Data File : VX028473.D
 Acq On : 02 May 2022 15:16
 Operator : JC/MD
 Sample : N2640-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MWBR3D-B-480-500-042922-FD

Quant Time: May 03 04:51:09 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)

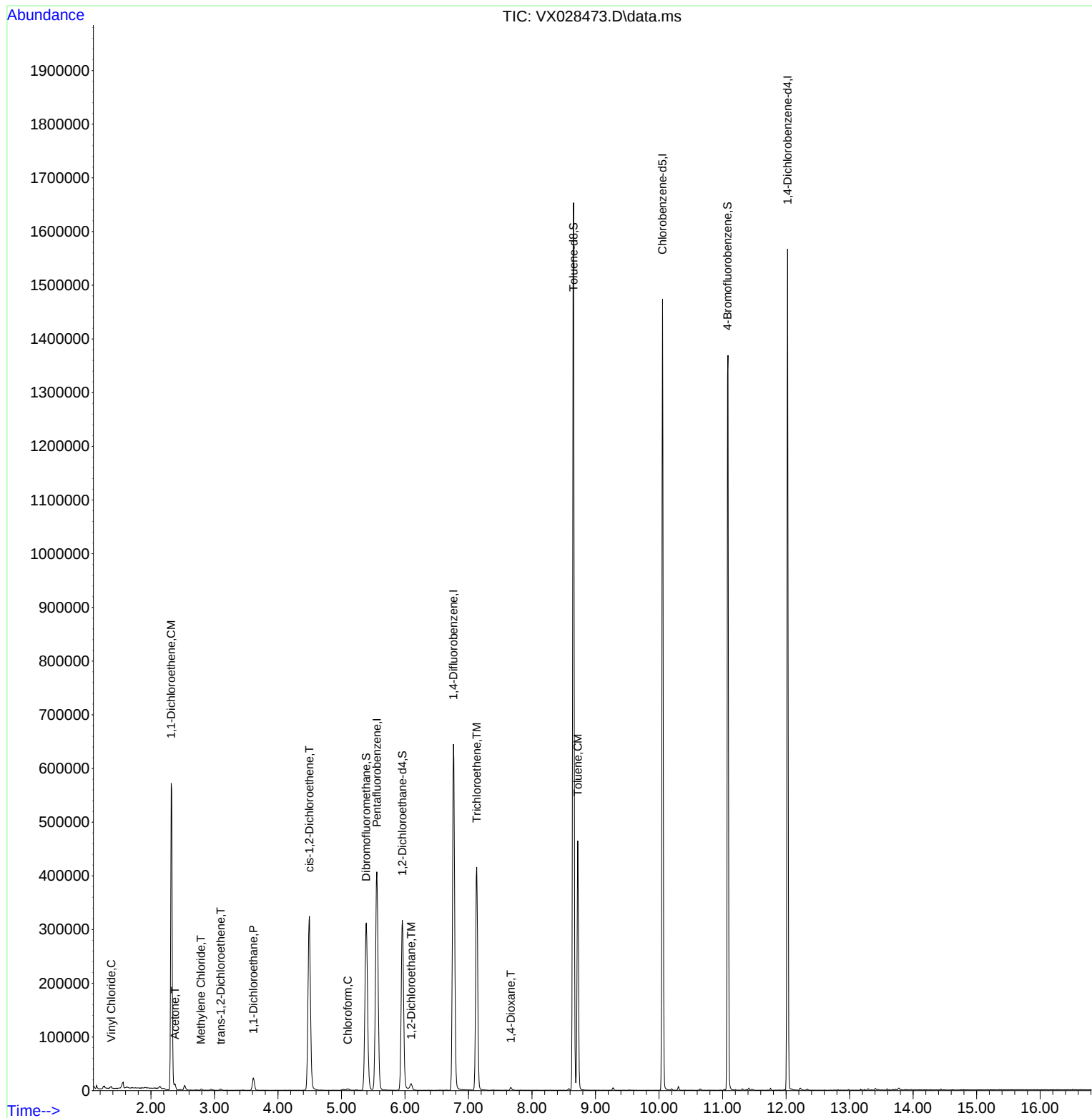
Internal Standards						
1) Pentafluorobenzene	5.556	168	400018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	690988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	676162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	325644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	296712	56.887	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.780%			
35) Dibromofluoromethane	5.385	113	269388	55.592	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.180%			
50) Toluene-d8	8.653	98	1006899	54.100	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.200%			
62) 4-Bromofluorobenzene	11.079	95	369224	51.883	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.760%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	1748	0.433	ug/l	97
12) 1,1-Dichloroethene	2.319	96	199082	64.758	ug/l	96
16) Acetone	2.380	43	10758	5.387	ug/l	89
20) Methylene Chloride	2.788	84	1131	0.292	ug/l #	82
21) trans-1,2-Dichloroethene	3.099	96	1144	0.274	ug/l #	78
24) 1,1-Dichloroethane	3.611	63	23873	3.441	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	210350	42.195	ug/l	85
30) Chloroform	5.099	83	3526	0.423	ug/l	85
42) 1,2-Dichloroethane	6.098	62	13705	1.995	ug/l	98
44) Trichloroethene	7.129	130	166526	31.036	ug/l	99
49) 1,4-Dioxane	7.665	88	4579	35.716	ug/l	93
52) Toluene	8.720	92	180010	14.003	ug/l	100

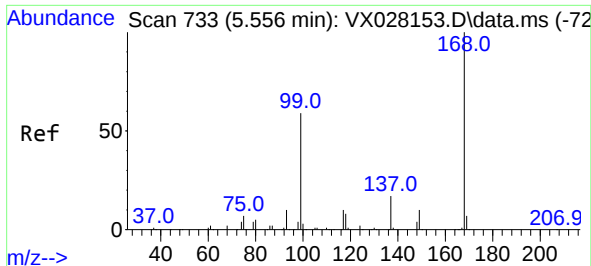
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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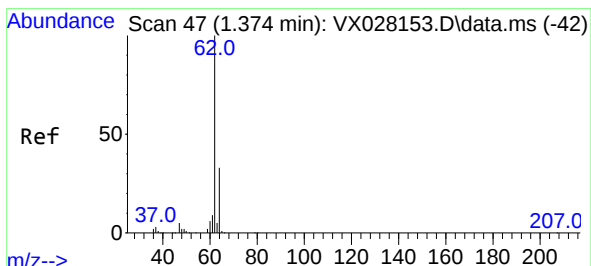
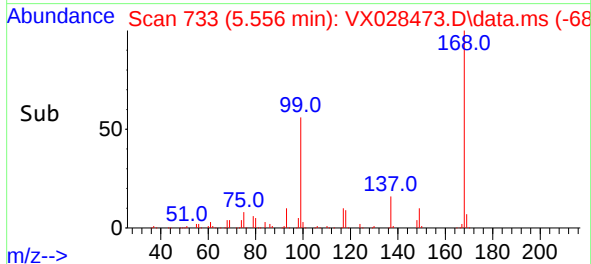
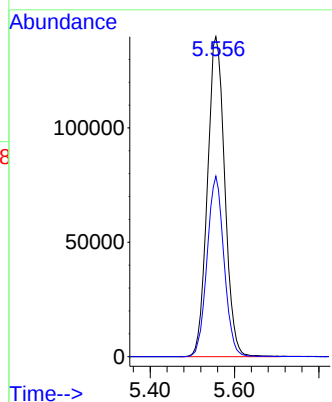
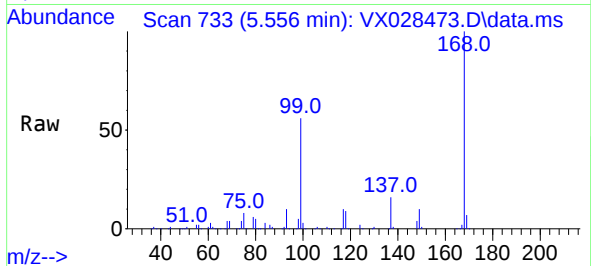




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

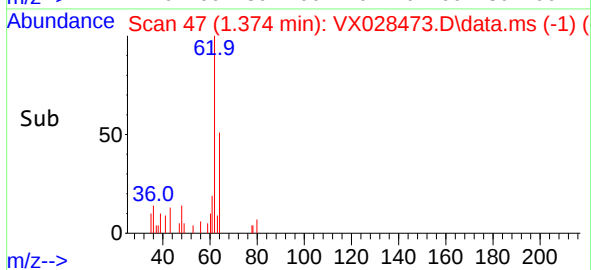
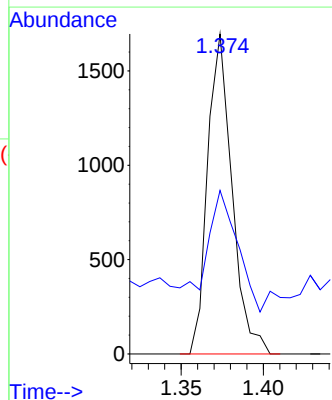
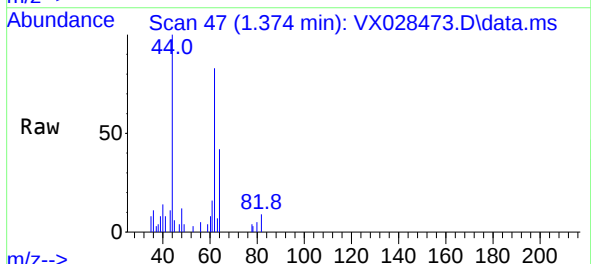
Instrument :
MSVOA_X
ClientSampleId :
MWBR3D-B-480-500-042922-FD

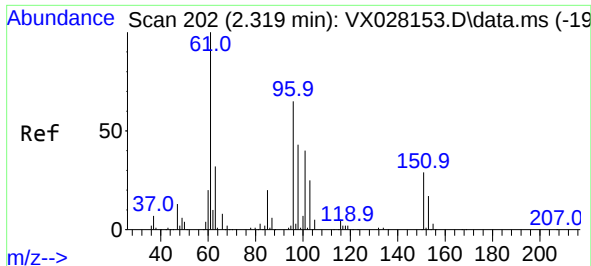
Tgt Ion:168 Resp: 400018
Ion Ratio Lower Upper
168 100
99 56.4 41.7 62.5



#4
Vinyl Chloride
Concen: 0.433 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

Tgt Ion: 62 Resp: 1748
Ion Ratio Lower Upper
62 100
64 33.5 25.5 38.3

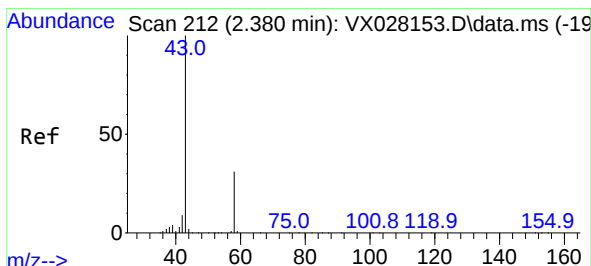
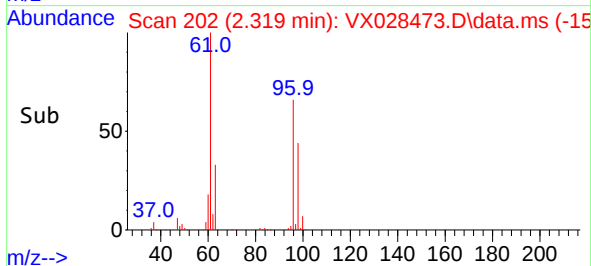
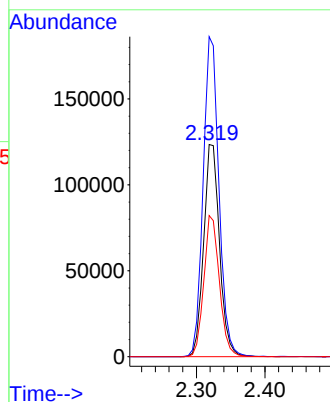
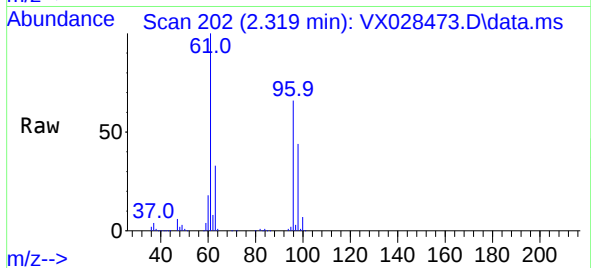




#12
1,1-Dichloroethene
Concen: 64.758 ug/l
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

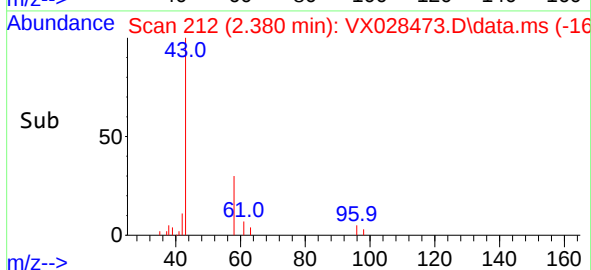
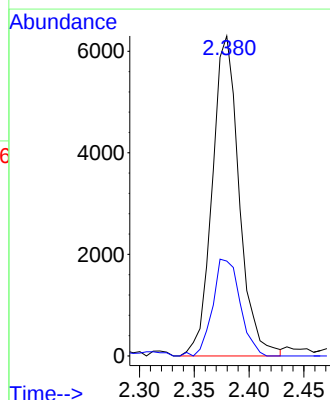
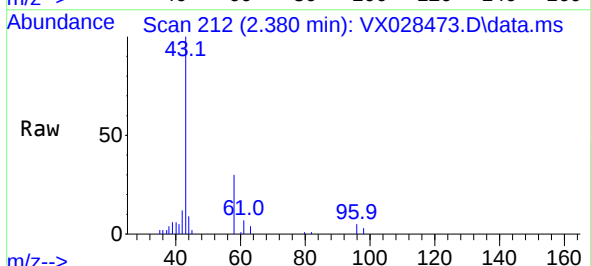
Instrument :
MSVOA_X
ClientSampleId :
MWBR3D-B-480-500-042922-FD

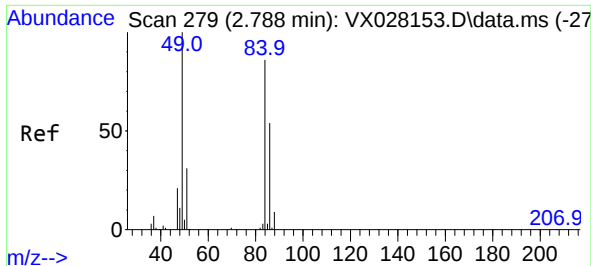
Tgt Ion: 96 Resp: 199082
Ion Ratio Lower Upper
96 100
61 150.8 124.6 187.0
98 66.5 51.0 76.4



#16
Acetone
Concen: 5.387 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

Tgt Ion: 43 Resp: 10758
Ion Ratio Lower Upper
43 100
58 29.6 28.8 43.2





#20

Methylene Chloride

Concen: 0.292 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX028473.D

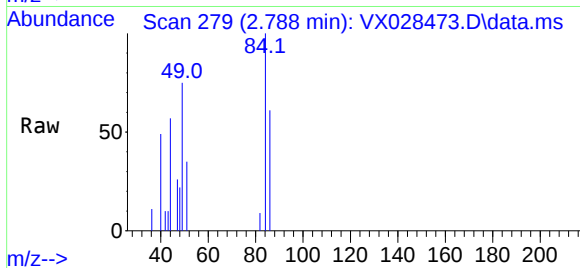
Acq: 02 May 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

MWBR3D-B-480-500-042922-FD



Tgt Ion: 84 Resp: 1131

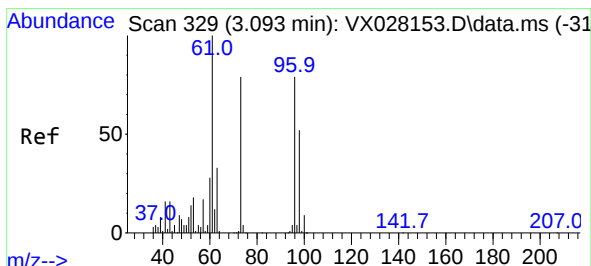
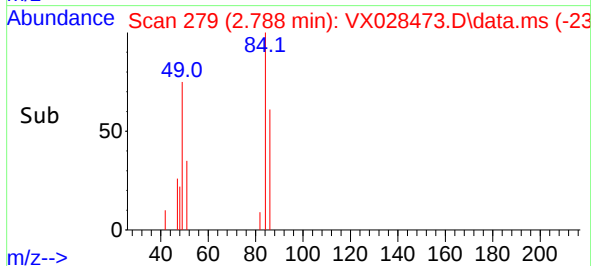
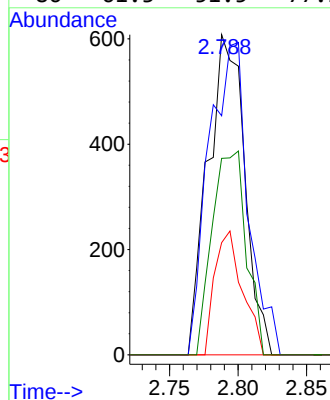
Ion Ratio Lower Upper

84 100

49 74.7 85.5 128.3#

51 35.0 26.6 39.8

86 61.3 51.5 77.3



#21

trans-1,2-Dichloroethene

Concen: 0.274 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX028473.D

Acq: 02 May 2022 15:16

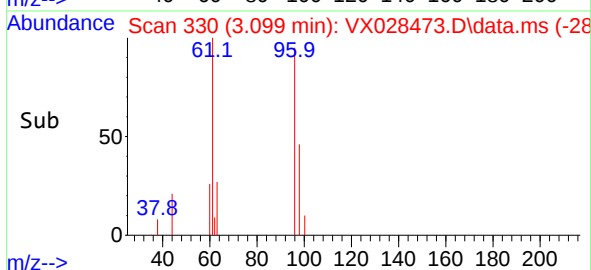
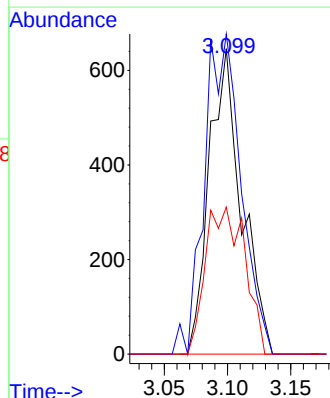
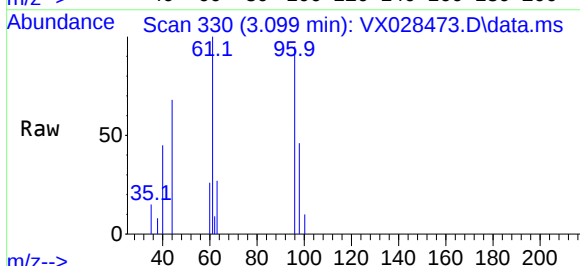
Tgt Ion: 96 Resp: 1144

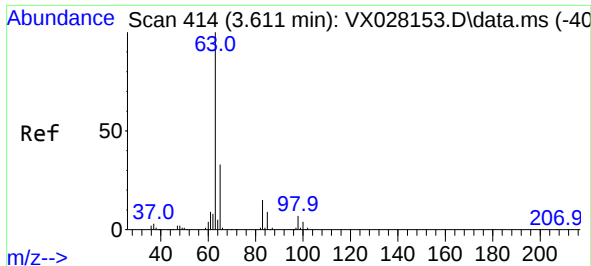
Ion Ratio Lower Upper

96 100

61 104.8 105.4 158.2#

98 48.1 50.0 75.0#

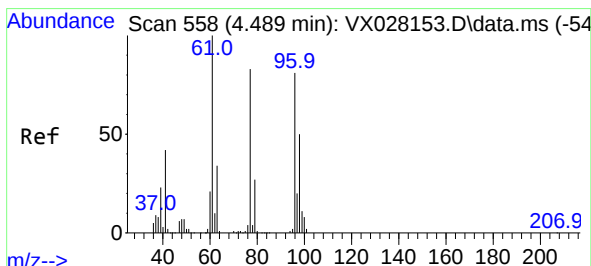
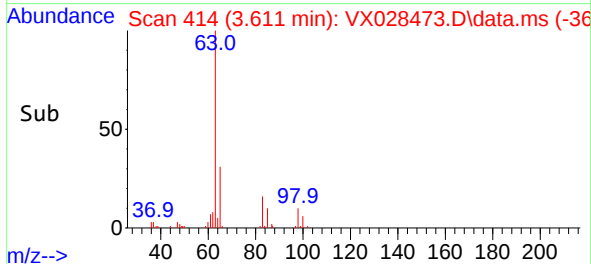
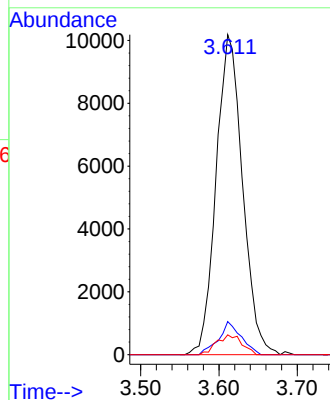
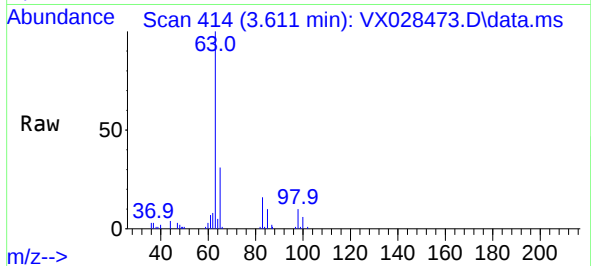




#24
1,1-Dichloroethane
Concen: 3.441 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

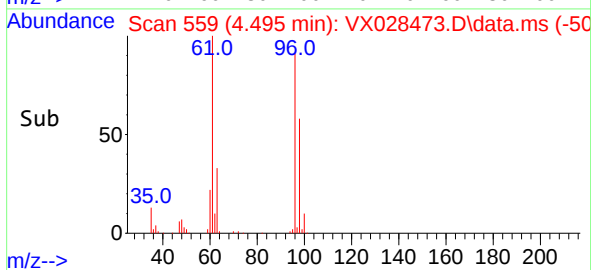
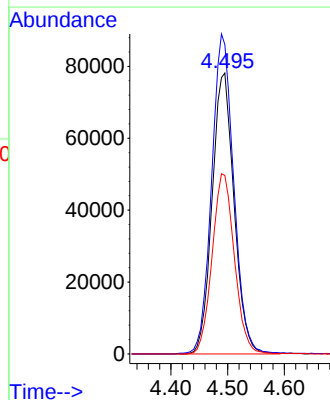
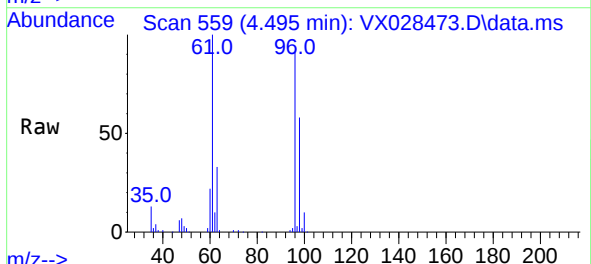
Instrument :
MSVOA_X
ClientSampleId :
MWBR3D-B-480-500-042922-FD

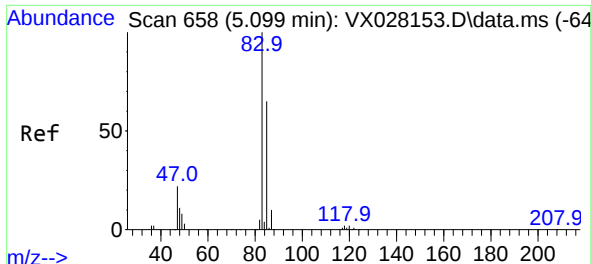
Tgt Ion:	63	Resp:	23873
Ion	Ratio	Lower	Upper
63	100		
98	10.4	3.9	11.7
100	6.2	2.4	7.2



#27
cis-1,2-Dichloroethene
Concen: 42.195 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

Tgt Ion:	96	Resp:	210350
Ion	Ratio	Lower	Upper
96	100		
61	114.4	0.0	283.8
98	65.0	0.0	129.8





#30

Chloroform

Concen: 0.423 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX028473.D

Acq: 02 May 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

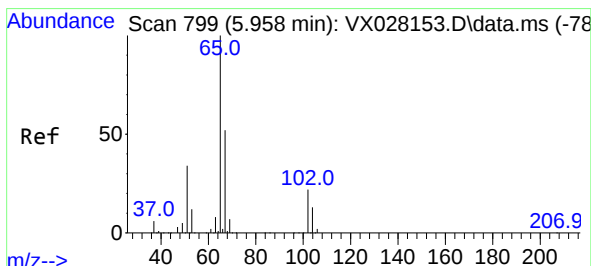
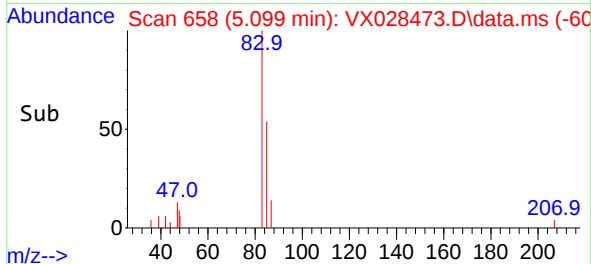
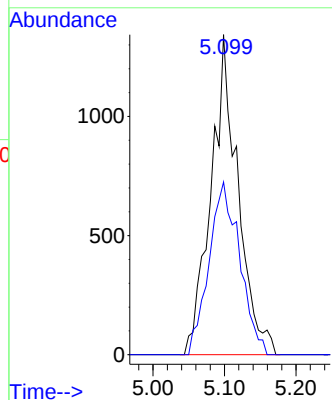
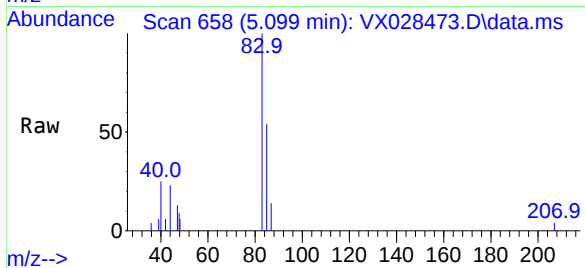
MWBR3D-B-480-500-042922-FD

Tgt Ion: 83 Resp: 3526

Ion Ratio Lower Upper

83 100

85 54.0 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 56.887 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028473.D

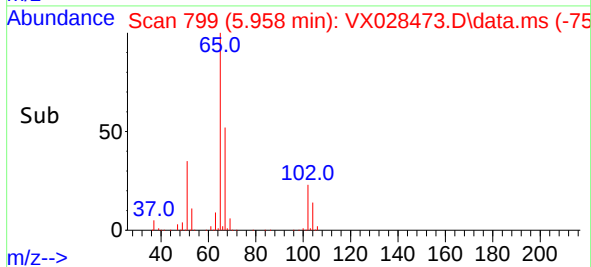
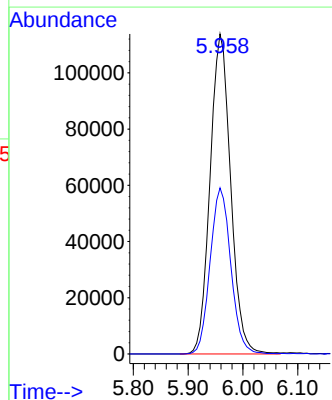
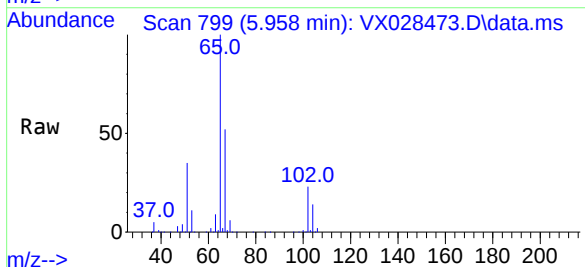
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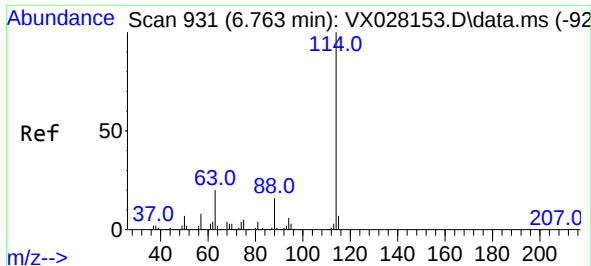
Tgt Ion: 65 Resp: 296712

Ion Ratio Lower Upper

65 100

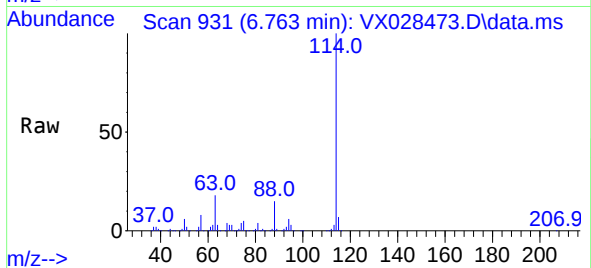
67 52.0 0.0 107.4



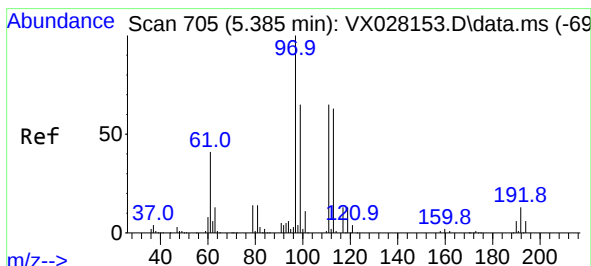
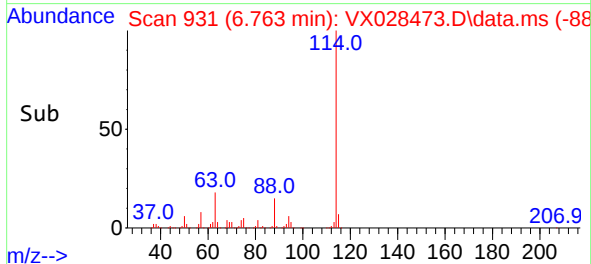
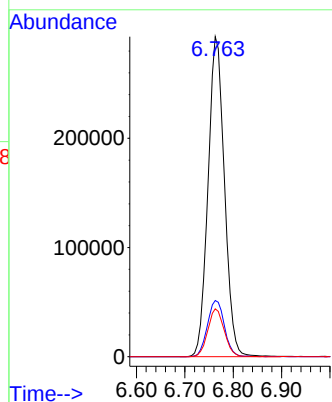


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

Instrument :
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ClientSampleId :
MWBR3D-B-480-500-042922-FD

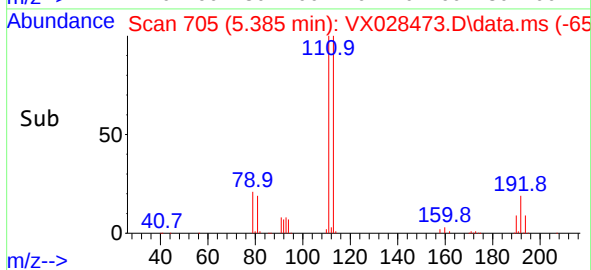
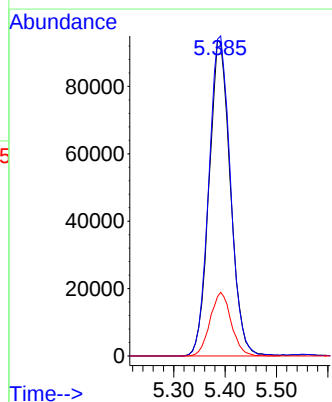
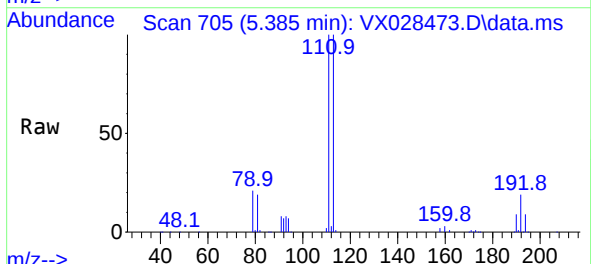


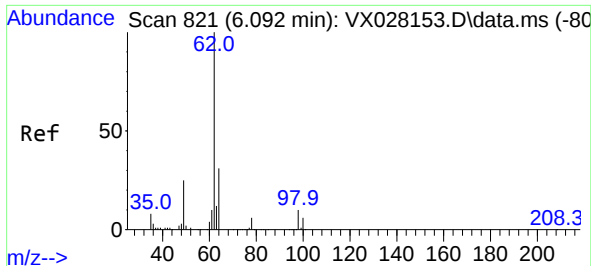
Tgt Ion:114 Resp: 690988
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.8
88 15.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 55.592 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

Tgt Ion:113 Resp: 269388
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.0 16.9 25.3





#42

1,2-Dichloroethane

Concen: 1.995 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX028473.D

Acq: 02 May 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

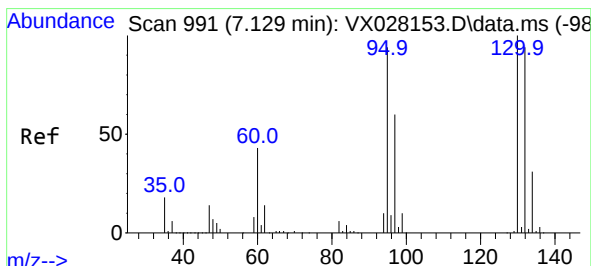
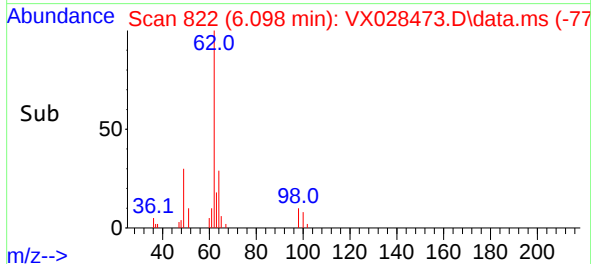
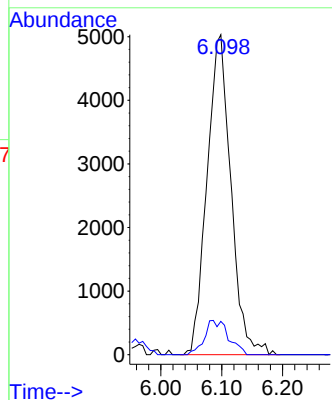
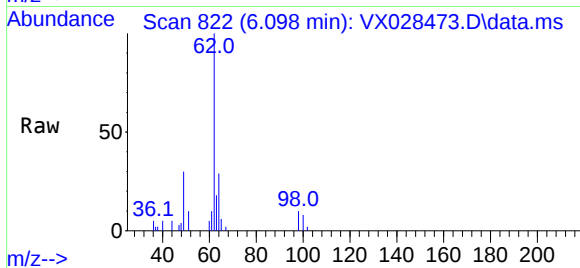
MWBR3D-B-480-500-042922-FD

Tgt Ion: 62 Resp: 13705

Ion Ratio Lower Upper

62 100

98 10.8 0.0 20.4



#44

Trichloroethene

Concen: 31.036 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX028473.D

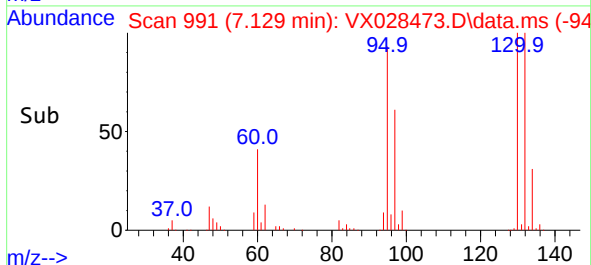
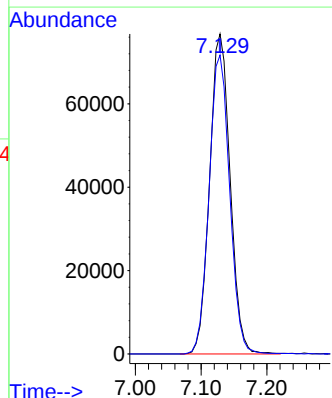
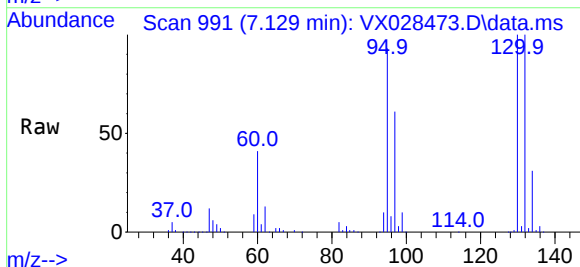
Acq: 02 May 2022 15:16

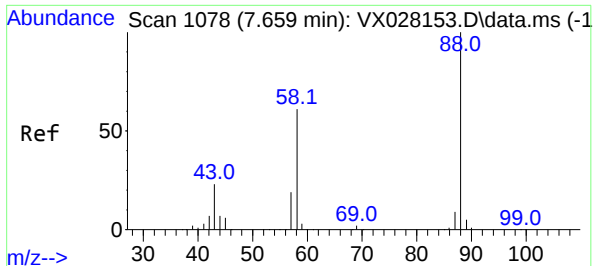
Tgt Ion:130 Resp: 166526

Ion Ratio Lower Upper

130 100

95 93.4 0.0 188.8





#49

1,4-Dioxane

Concen: 35.716 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028473.D

Acq: 02 May 2022 15:16

Instrument :

MSVOA_X

ClientSampleId :

MWBR3D-B-480-500-042922-FD

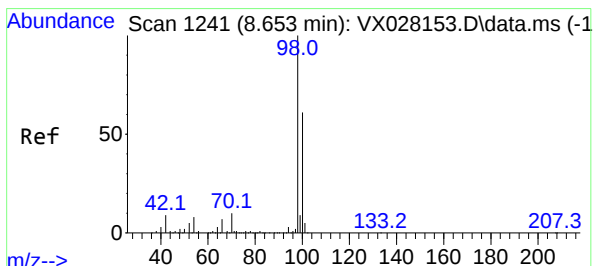
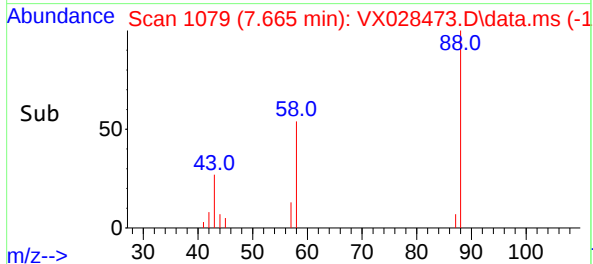
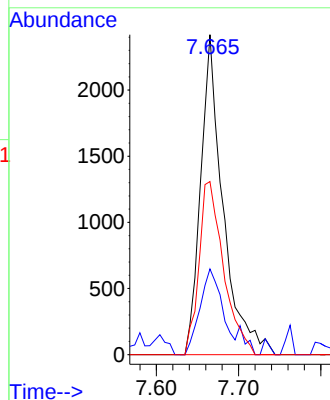
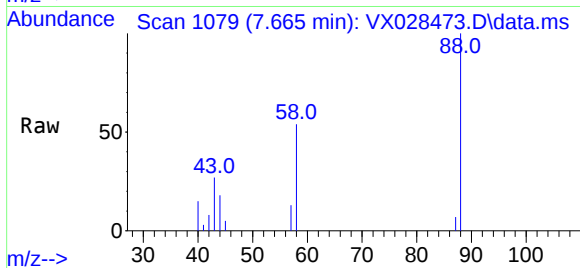
Tgt Ion: 88 Resp: 4579

Ion Ratio Lower Upper

88 100

43 26.8 21.9 32.9

58 59.4 53.7 80.5



#50

Toluene-d8

Concen: 54.100 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028473.D

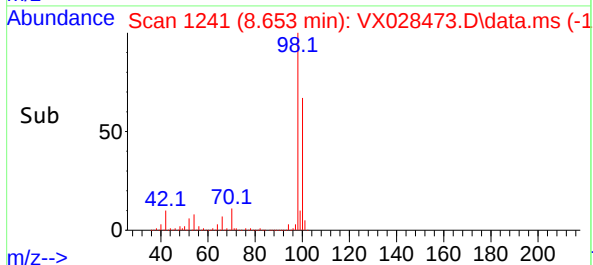
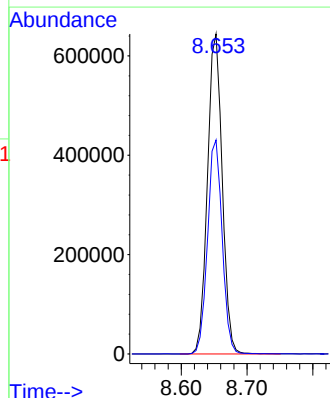
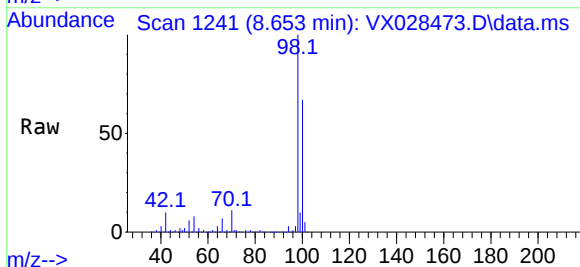
Acq: 02 May 2022 15:16

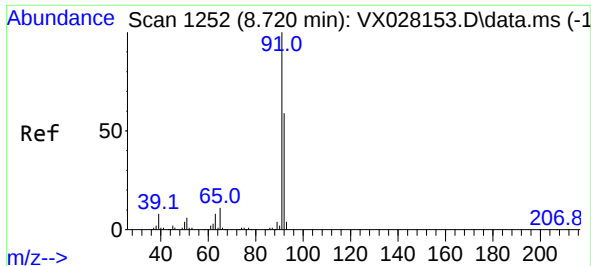
Tgt Ion: 98 Resp: 1006899

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8

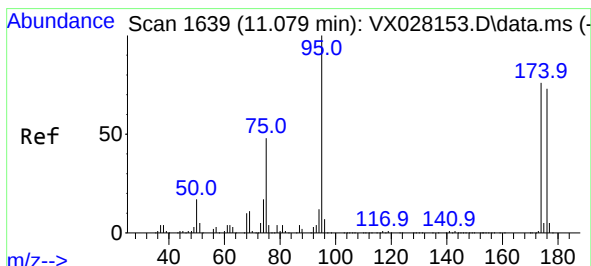
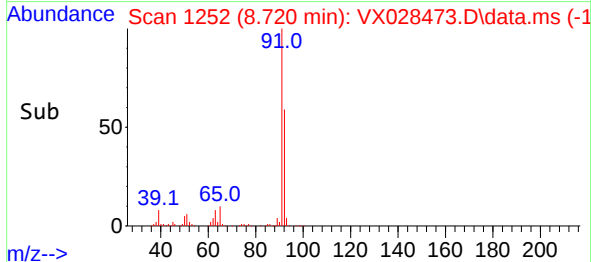
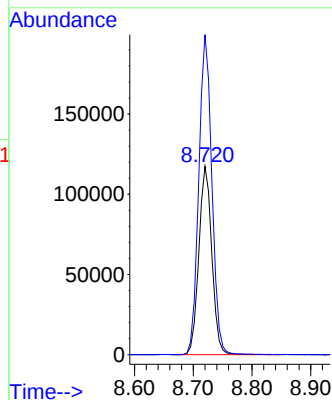
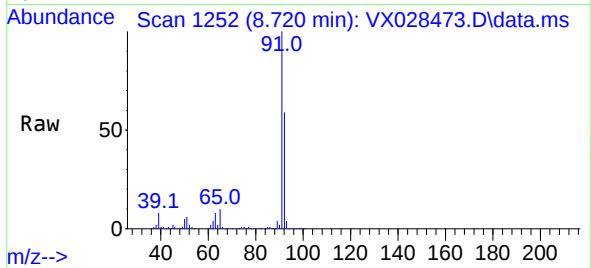




#52
Toluene
Concen: 14.003 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

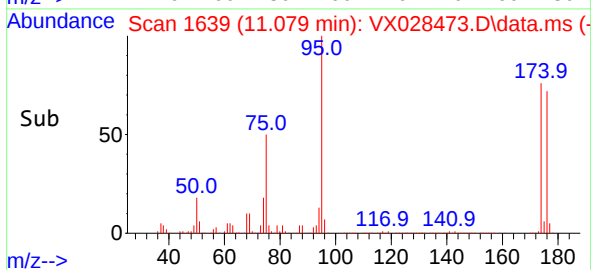
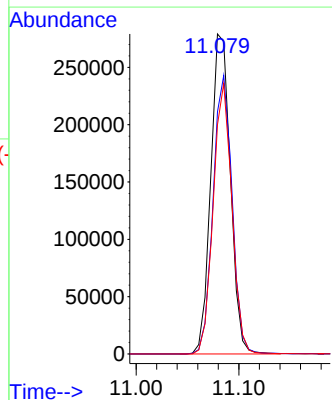
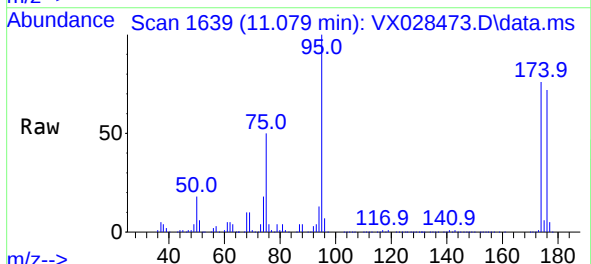
Instrument : MSVOA_X
ClientSampleId : MWBR3D-B-480-500-042922-FD

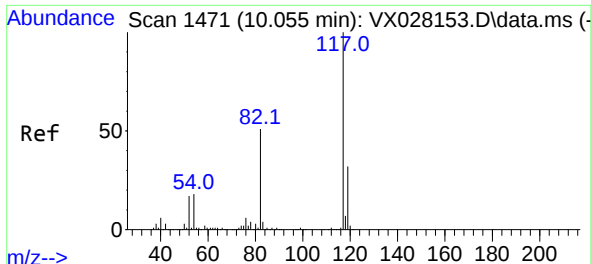
Tgt Ion: 92 Resp: 180010
Ion Ratio Lower Upper
92 100
91 171.9 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 51.883 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

Tgt Ion: 95 Resp: 369224
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.0
176 80.7 0.0 155.0

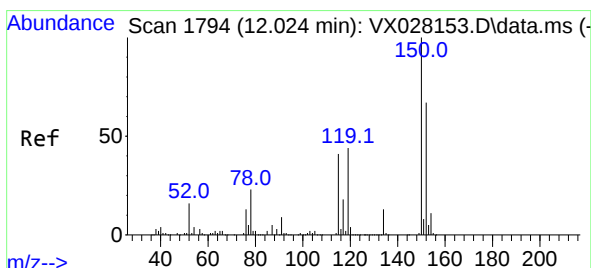
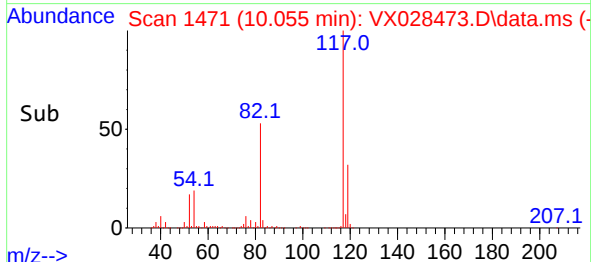
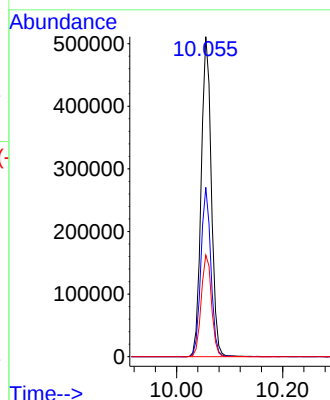
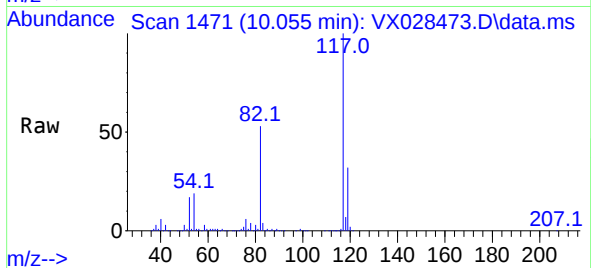




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028473.D
Acq: 02 May 2022 15:16

Instrument :
MSVOA_X
ClientSampleId :
MWBR3D-B-480-500-042922-FD

Tgt Ion:117 Resp: 676162
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 31.8 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: VX028473.D
Acq: 02 May 2022 15:16

Tgt Ion:152 Resp: 325644
Ion Ratio Lower Upper
152 100
115 58.7 37.5 112.7
150 157.7 0.0 338.2

