

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029052.D
 Acq On : 28 May 2022 03:16
 Operator : JC/MD
 Sample : N3022-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20220525

Quant Time: May 28 08:38:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

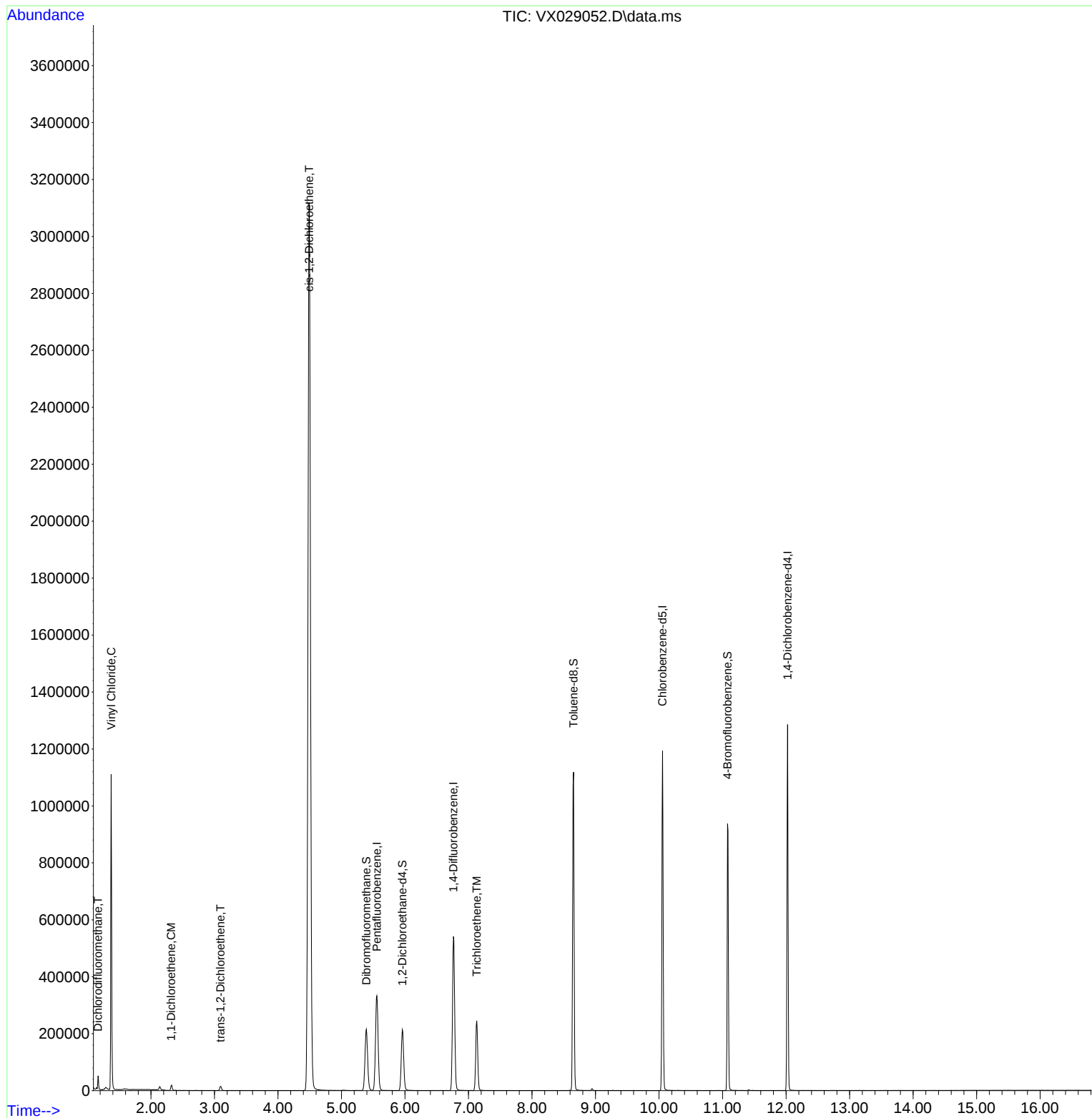
Internal Standards						
1) Pentafluorobenzene	5.556	168	322244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	578216	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	553847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207324	46.935	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.880%		
35) Dibromofluoromethane	5.391	113	189776	50.094	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.180%		
50) Toluene-d8	8.653	98	685259	47.978	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.960%		
62) 4-Bromofluorobenzene	11.079	95	270216	50.652	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	24485	5.803	ug/l	96
4) Vinyl Chloride	1.374	62	658103	153.678	ug/l	100
12) 1,1-Dichloroethene	2.318	96	5950	1.784	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	6453	1.718	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	2101369	478.943	ug/l	86
44) Trichloroethene	7.129	130	100825	22.733	ug/l	100

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

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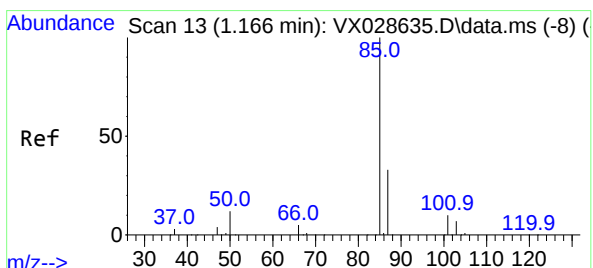
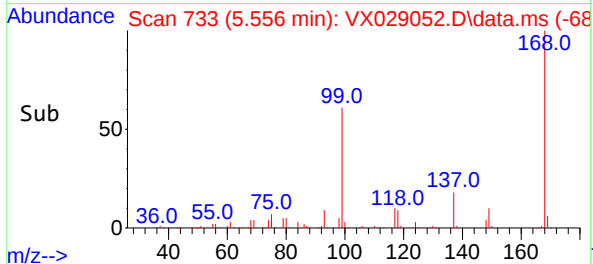
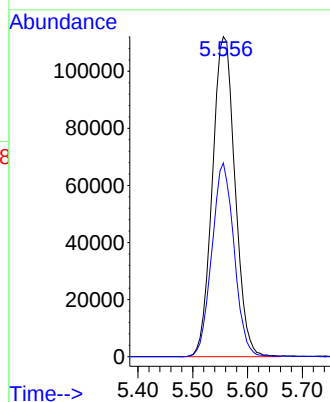
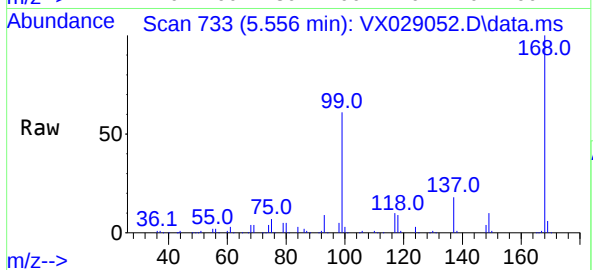




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029052.D
Acq: 28 May 2022 03:16

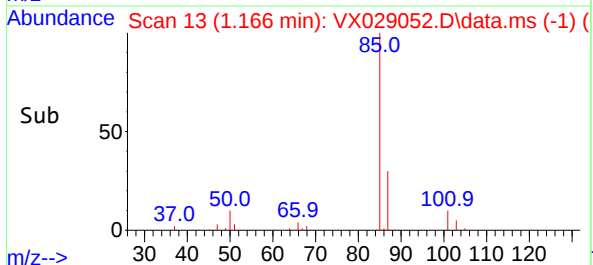
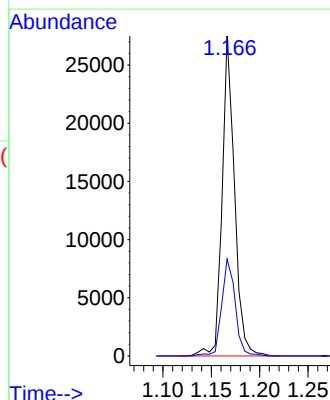
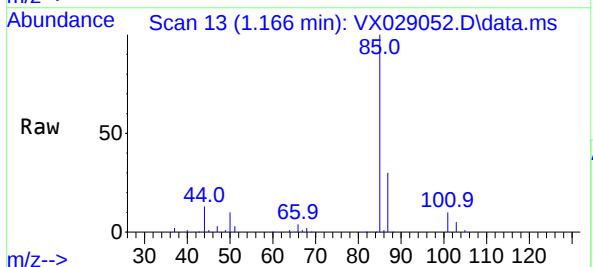
Instrument :
MSVOA_X
ClientSampleId :
91BR-20220525

Tgt Ion:168 Resp: 322244
Ion Ratio Lower Upper
168 100
99 60.5 41.7 62.5

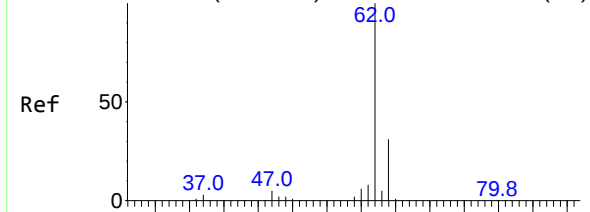


#2
Dichlorodifluoromethane
Concen: 5.803 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029052.D
Acq: 28 May 2022 03:16

Tgt Ion: 85 Resp: 24485
Ion Ratio Lower Upper
85 100
87 30.3 16.2 48.6

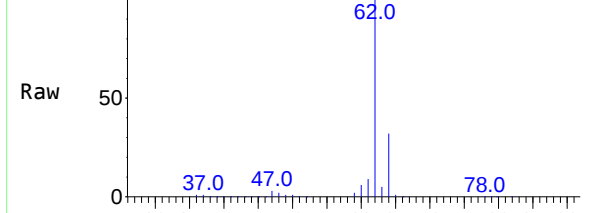


Abundance Scan 47 (1.373 min): VX028635.D\data.ms (-42)



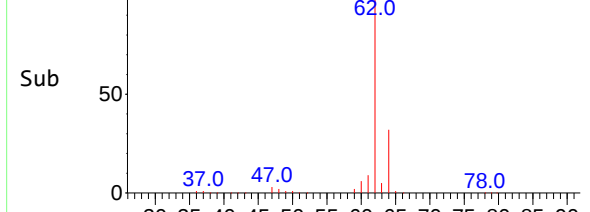
m/z-->

Abundance Scan 47 (1.374 min): VX029052.D\data.ms



m/z-->

Abundance Scan 47 (1.374 min): VX029052.D\data.ms (-1)



m/z-->

#4

Vinyl Chloride

Concen: 153.678 ug/l

RT: 1.374 min Scan# 41

Delta R.T. 0.001 min

Lab File: VX029052.D

Acq: 28 May 2022 03:16

Instrument :

MSVOA_X

ClientSampleId :

91BR-20220525

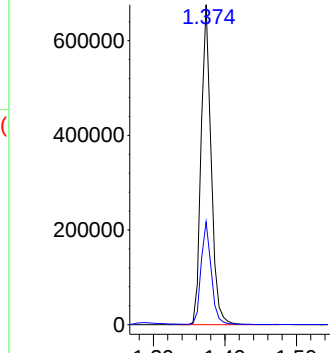
Tgt Ion: 62 Resp: 658103

Ion Ratio Lower Upper

62 100

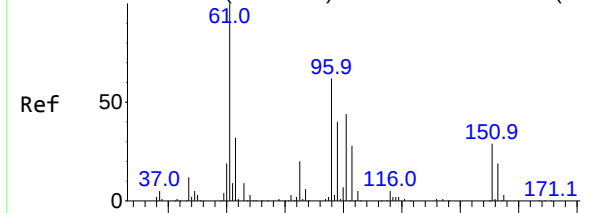
64 32.1 25.5 38.3

Abundance



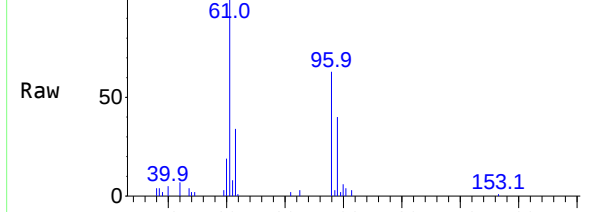
Time-->

Abundance Scan 202 (2.318 min): VX028635.D\data.ms (-19)



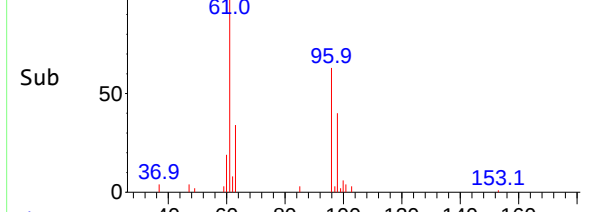
m/z-->

Abundance Scan 202 (2.318 min): VX029052.D\data.ms



m/z-->

Abundance Scan 202 (2.318 min): VX029052.D\data.ms (-15)



m/z-->

#12

1,1-Dichloroethene

Concen: 1.784 ug/l

RT: 2.318 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX029052.D

Acq: 28 May 2022 03:16

Tgt Ion: 96 Resp: 5950

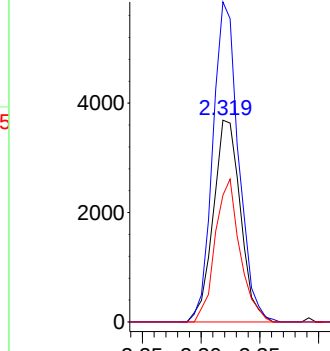
Ion Ratio Lower Upper

96 100

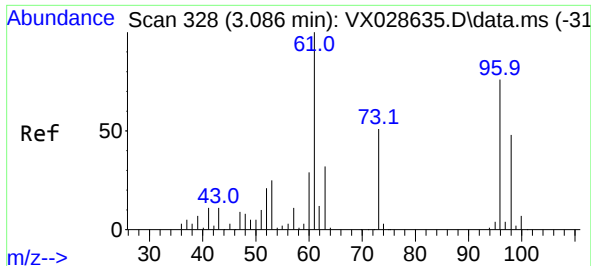
61 158.6 124.6 187.0

98 62.8 51.0 76.4

Abundance



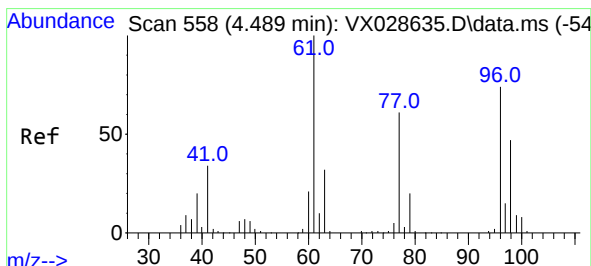
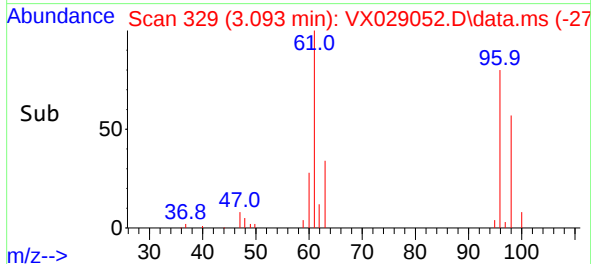
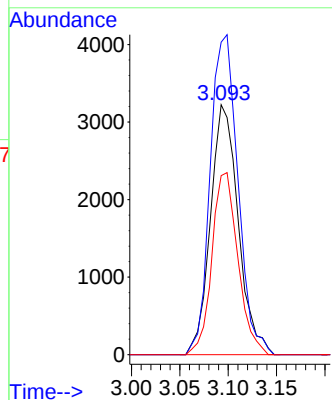
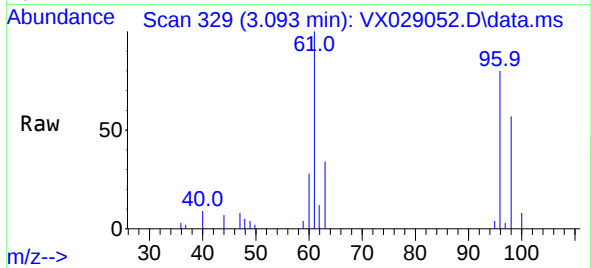
Time-->



#21
trans-1,2-Dichloroethene
Concen: 1.718 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX029052.D
Acq: 28 May 2022 03:16

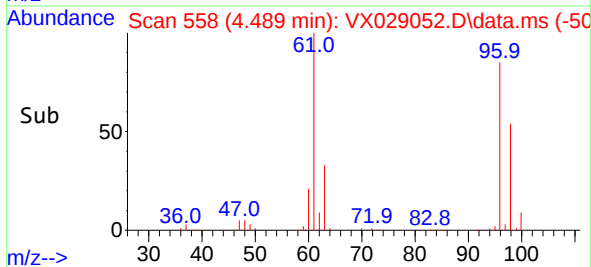
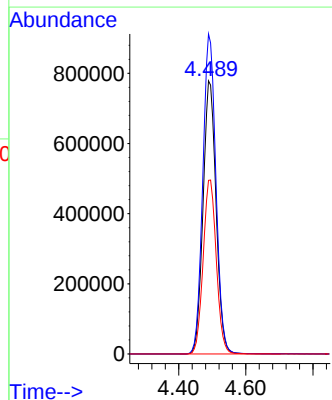
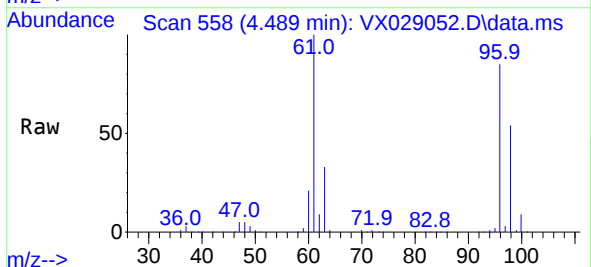
Instrument :
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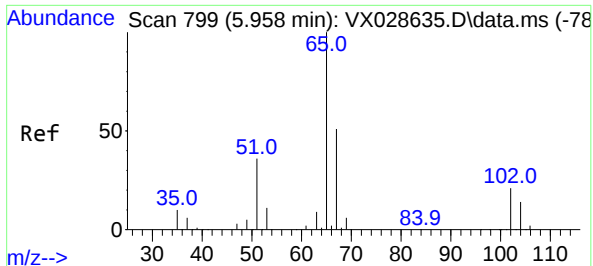
Tgt Ion: 96 Resp: 6453
Ion Ratio Lower Upper
96 100
61 125.0 105.4 158.2
98 71.6 50.0 75.0



#27
cis-1,2-Dichloroethene
Concen: 478.943 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX029052.D
Acq: 28 May 2022 03:16

Tgt Ion: 96 Resp: 2101369
Ion Ratio Lower Upper
96 100
61 118.0 0.0 283.8
98 64.4 0.0 129.8





#33

1,2-Dichloroethane-d4

Concen: 46.935 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029052.D

Acq: 28 May 2022 03:16

Instrument :

MSVOA_X

ClientSampleId :

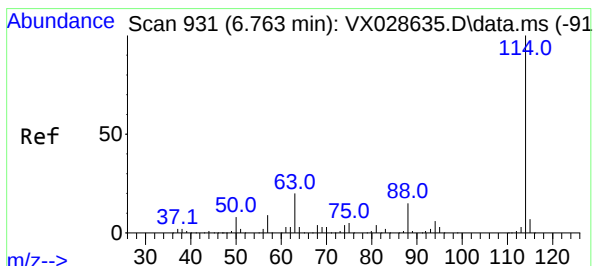
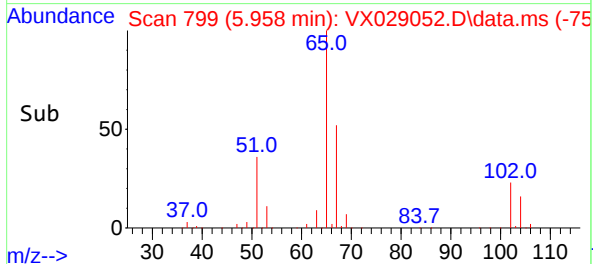
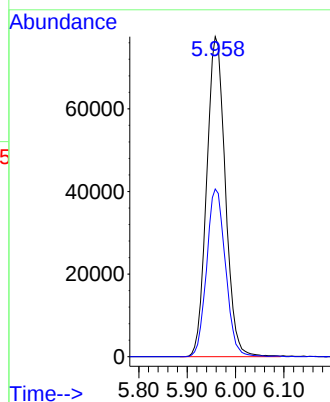
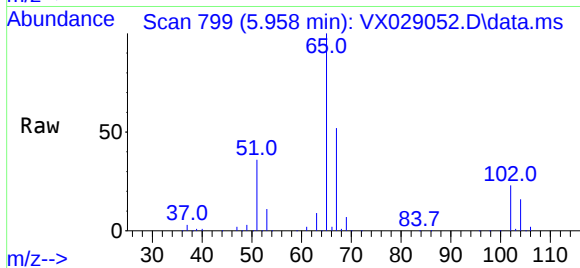
91BR-20220525

Tgt Ion: 65 Resp: 207324

Ion Ratio Lower Upper

65 100

67 52.9 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: VX029052.D

Acq: 28 May 2022 03:16

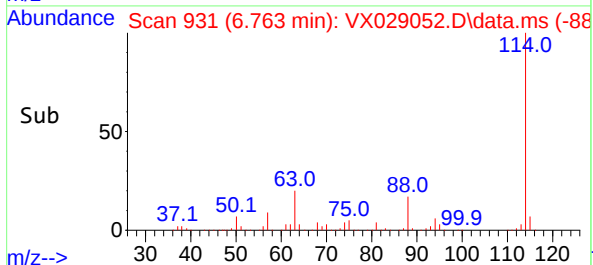
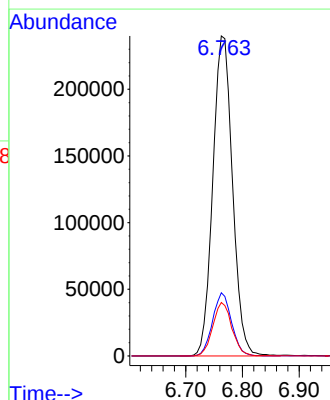
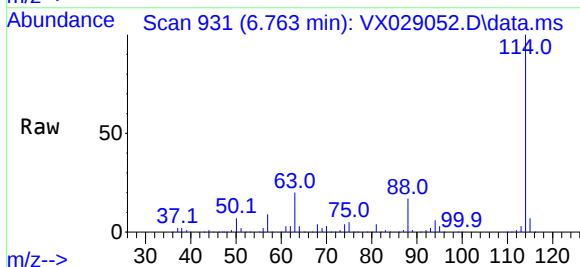
Tgt Ion: 114 Resp: 578216

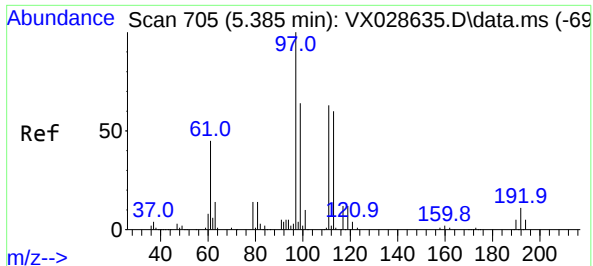
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 16.7 0.0 32.4

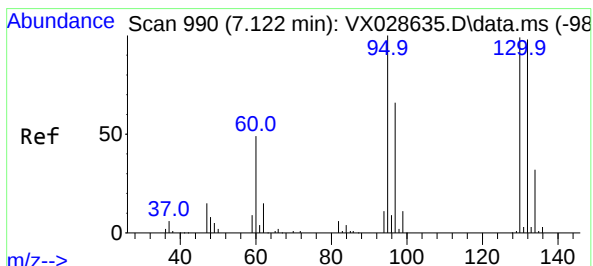
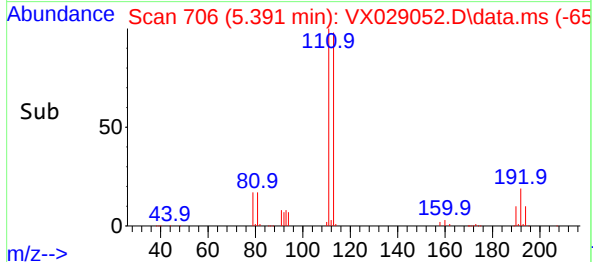
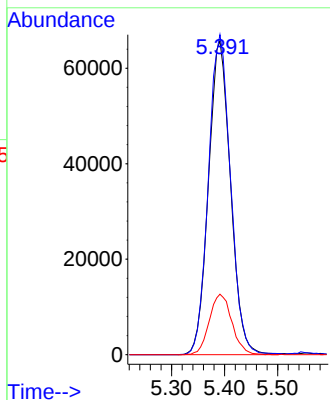
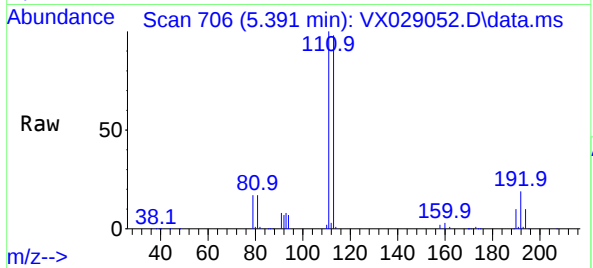




#35
Dibromofluoromethane
Concen: 50.094 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029052.D
Acq: 28 May 2022 03:16

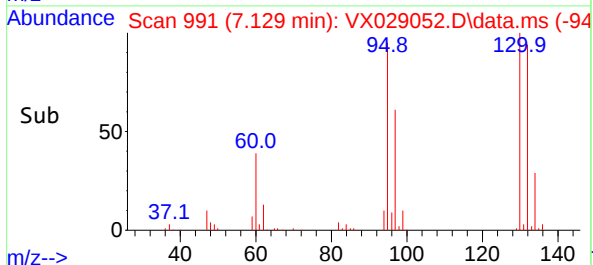
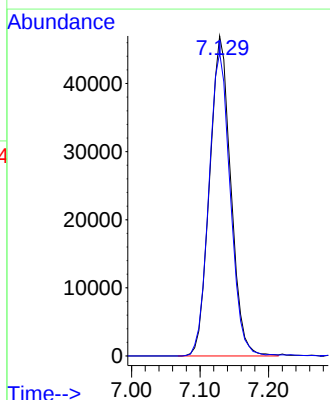
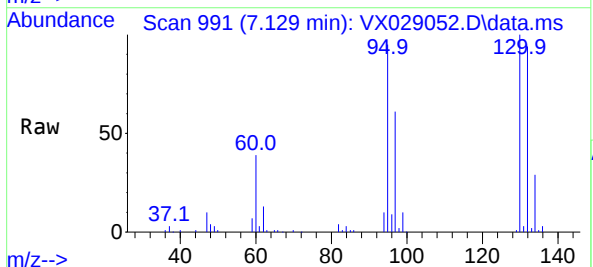
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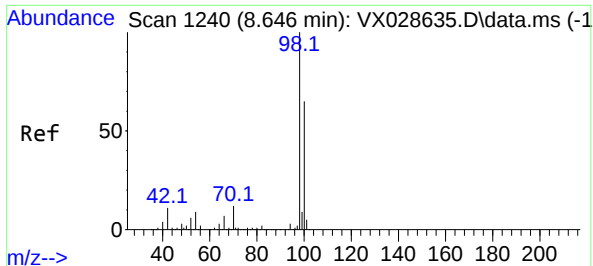
Tgt Ion:113 Resp: 189776
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 19.7 16.9 25.3



#44
Trichloroethene
Concen: 22.733 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX029052.D
Acq: 28 May 2022 03:16

Tgt Ion:130 Resp: 100825
Ion Ratio Lower Upper
130 100
95 94.8 0.0 188.8

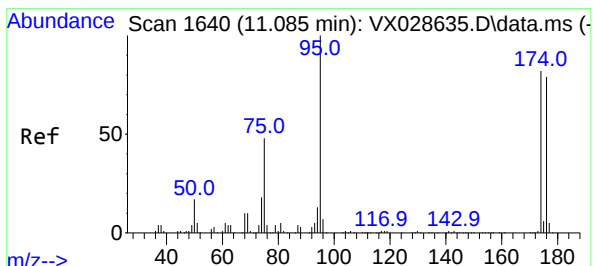
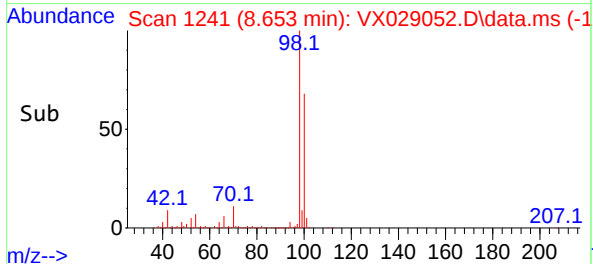
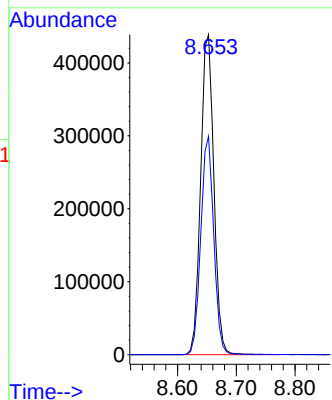
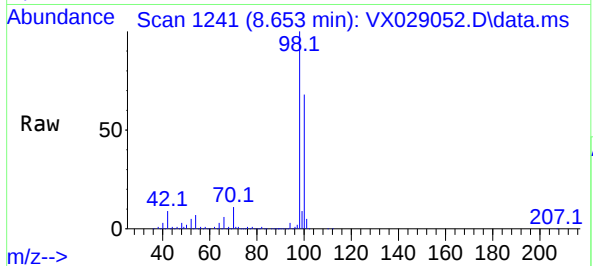




#50
Toluene-d8
Concen: 47.978 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029052.D
Acq: 28 May 2022 03:16

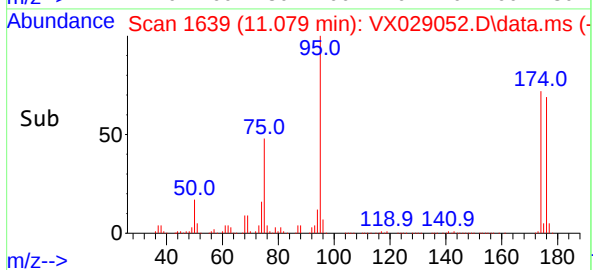
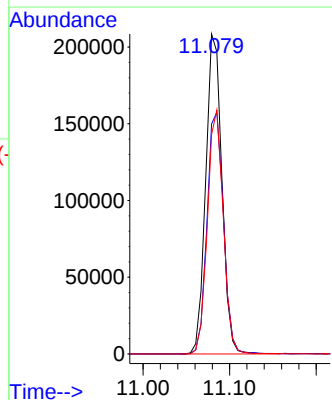
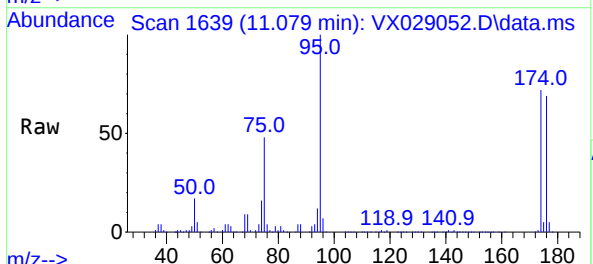
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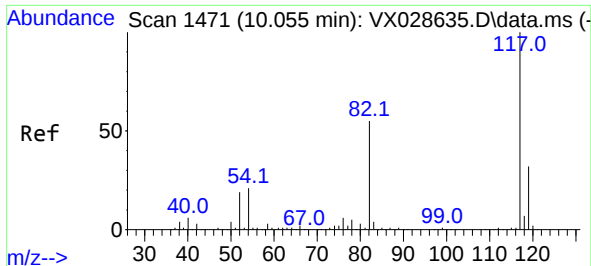
Tgt Ion: 98 Resp: 685259
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.652 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029052.D
Acq: 28 May 2022 03:16

Tgt Ion: 95 Resp: 270216
Ion Ratio Lower Upper
95 100
174 77.3 0.0 163.0
176 74.9 0.0 155.0

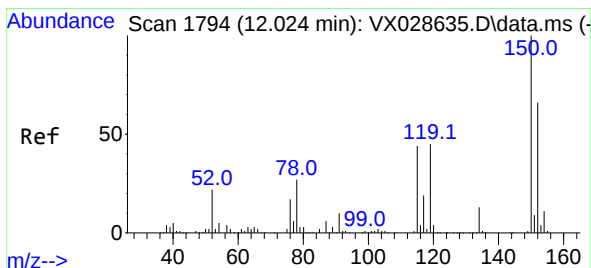
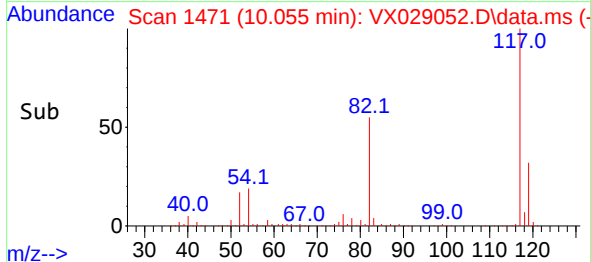
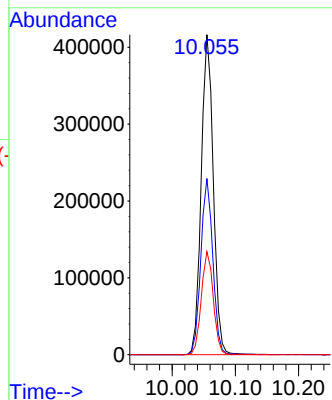
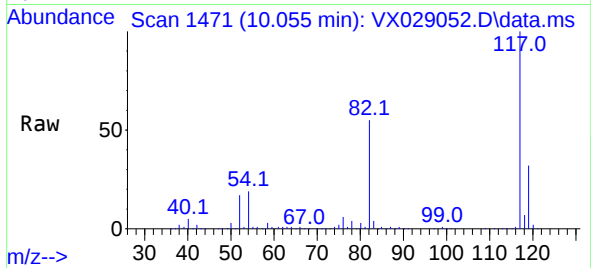




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029052.D
Acq: 28 May 2022 03:16

Instrument :
MSVOA_X
ClientSampleId :
91BR-20220525

Tgt Ion:117 Resp: 553847
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.2 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: VX029052.D
Acq: 28 May 2022 03:16

Tgt Ion:152 Resp: 264191
Ion Ratio Lower Upper
152 100
115 61.4 37.5 112.7
150 156.1 0.0 338.2

