

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029049.D
 Acq On : 28 May 2022 02:06
 Operator : JC/MD
 Sample : N3022-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 45BR-20220525

Quant Time: May 28 08:37:27 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)

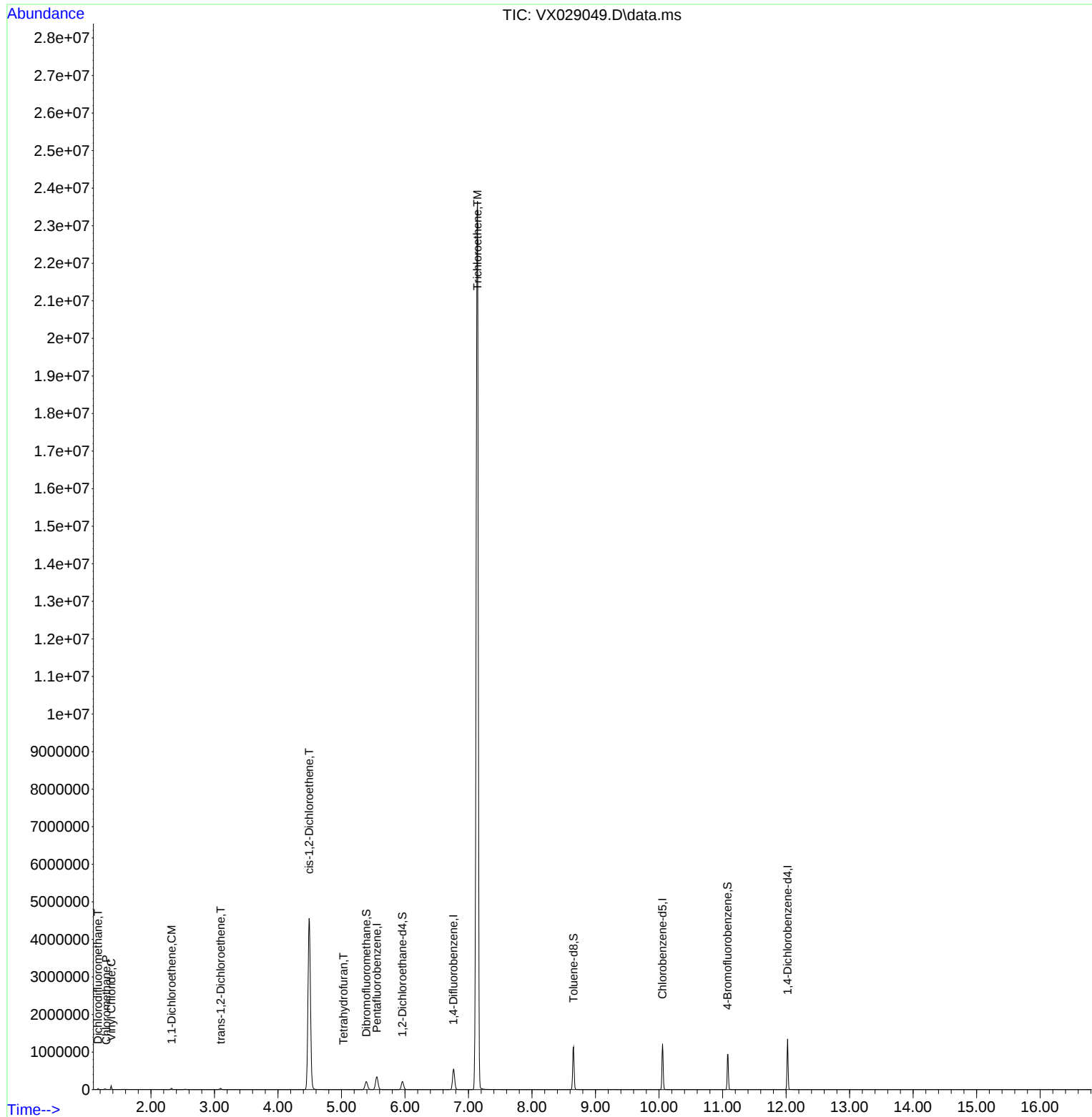
Internal Standards						
1) Pentafluorobenzene	5.556	168	329863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	581215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	567300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	275390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209802	46.399	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.800%
35) Dibromofluoromethane	5.391	113	189860	49.858	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.720%
50) Toluene-d8	8.653	98	695565	48.448	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.900%
62) 4-Bromofluorobenzene	11.079	95	279175	52.061	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12817	2.967	ug/l	99
3) Chloromethane	1.294	50	980	0.241	ug/l #	72
4) Vinyl Chloride	1.374	62	58888	13.434	ug/l	99
12) 1,1-Dichloroethene	2.325	96	12571	3.682	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	15203	3.954	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	3054772	680.160	ug/l	86
29) Tetrahydrofuran	5.032	42	1650	0.833	ug/l #	84
44) Trichloroethene	7.141	130	10154171	2277.688	ug/l	97

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

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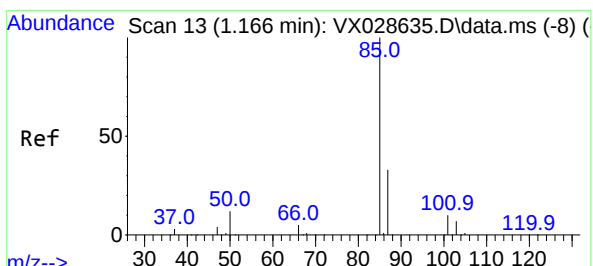
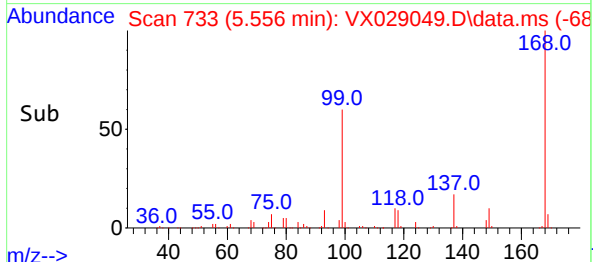
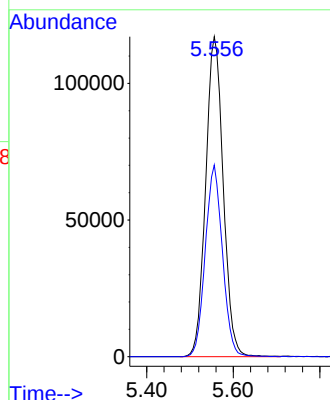
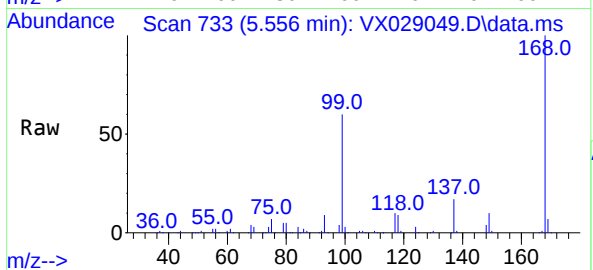




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

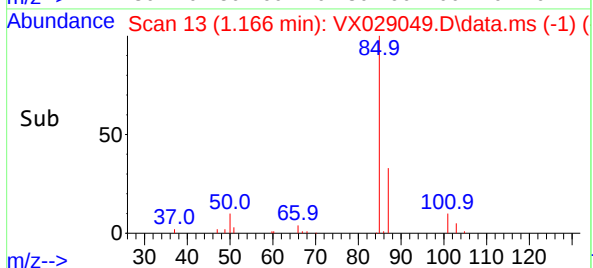
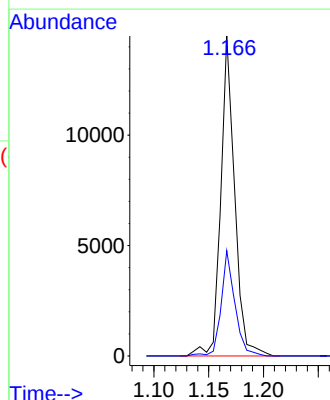
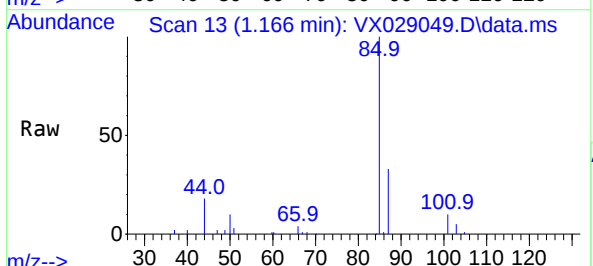
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

Tgt Ion:168 Resp: 329863
Ion Ratio Lower Upper
168 100
99 59.9 41.7 62.5

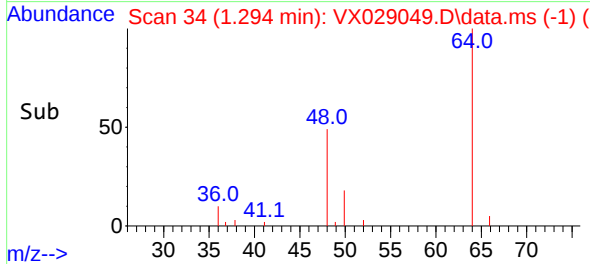
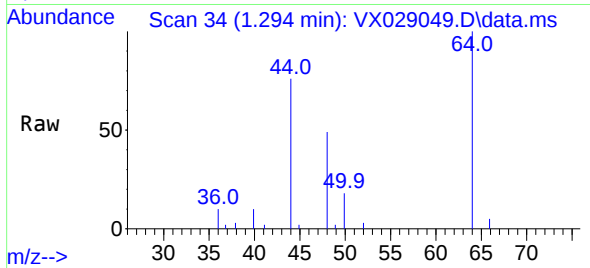
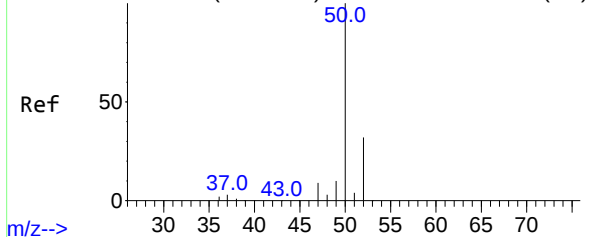


#2
Dichlorodifluoromethane
Concen: 2.967 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 85 Resp: 12817
Ion Ratio Lower Upper
85 100
87 32.9 16.2 48.6



Abundance Scan 34 (1.294 min): VX028635.D\data.ms (-25)



#3

Chloromethane

Concen: 0.241 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX029049.D

Acq: 28 May 2022 02:06

Instrument :

MSVOA_X

ClientSampleId :

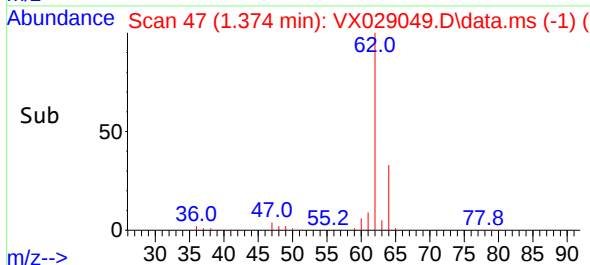
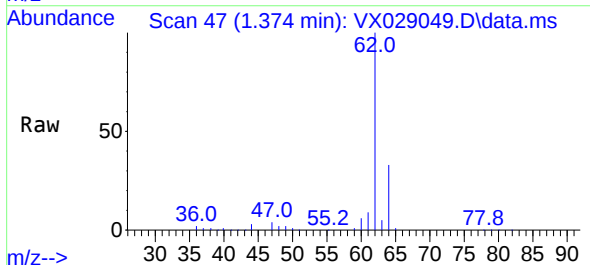
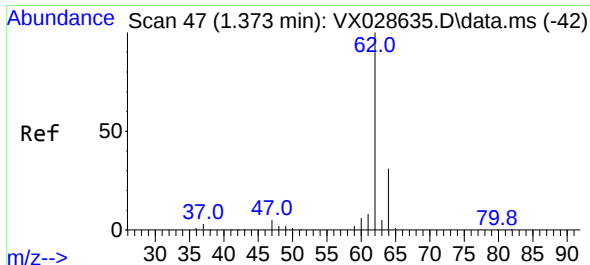
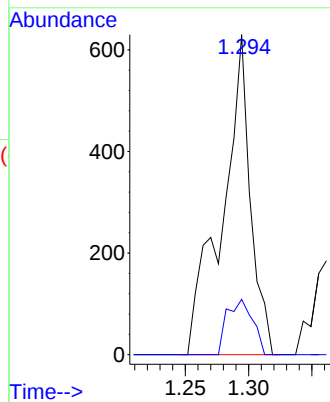
45BR-20220525

Tgt Ion: 50 Resp: 980

Ion Ratio Lower Upper

50 100

52 17.3 26.4 39.6#



#4

Vinyl Chloride

Concen: 13.434 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX029049.D

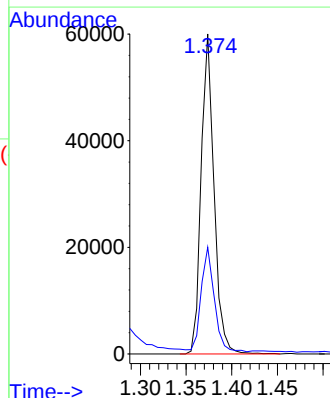
Acq: 28 May 2022 02:06

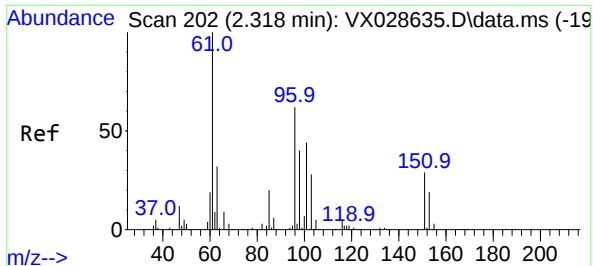
Tgt Ion: 62 Resp: 58888

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3

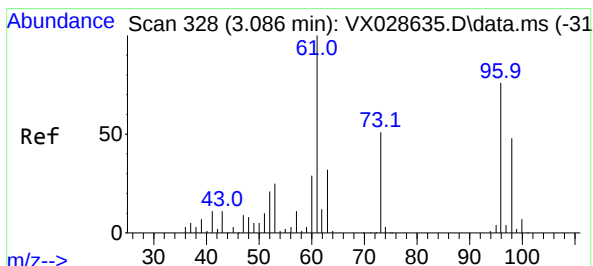
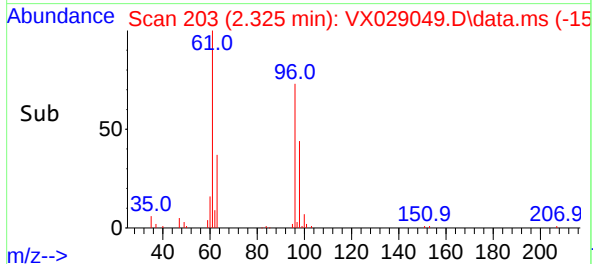
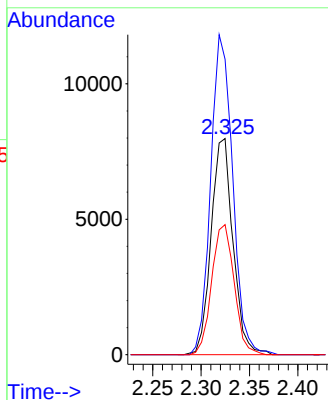
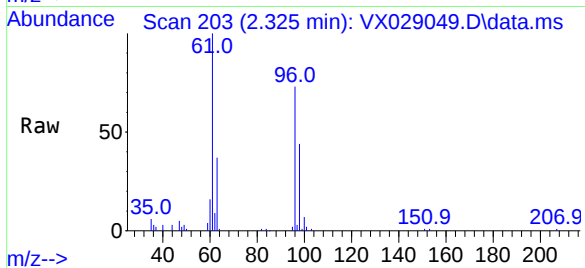




#12
1,1-Dichloroethene
Concen: 3.682 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

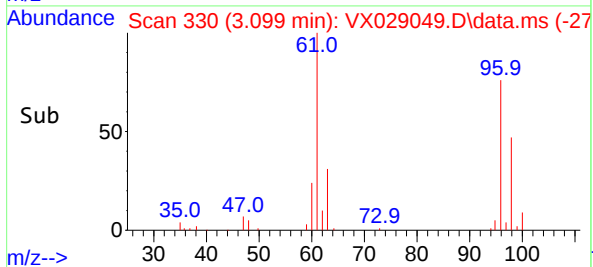
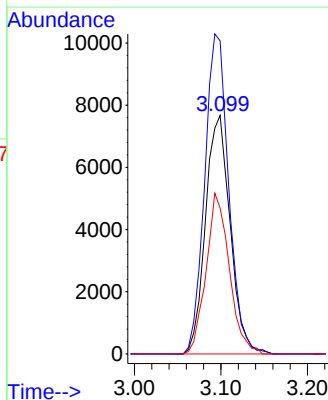
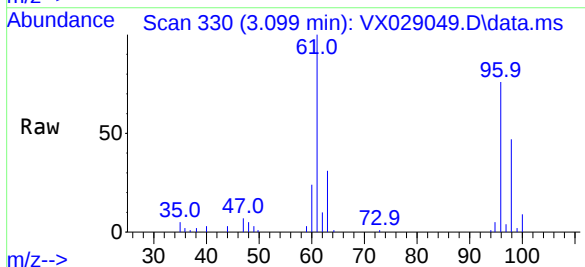
Instrument :
MSVOA_X
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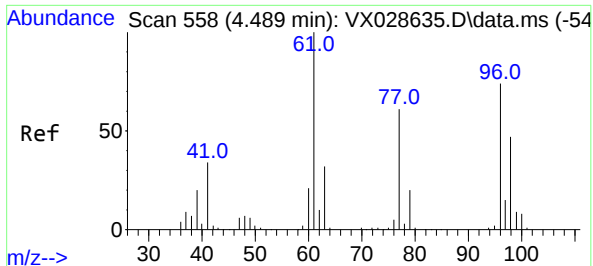
Tgt Ion: 96 Resp: 12571
Ion Ratio Lower Upper
96 100
61 136.7 124.6 187.0
98 60.2 51.0 76.4



#21
trans-1,2-Dichloroethene
Concen: 3.954 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.013 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 96 Resp: 15203
Ion Ratio Lower Upper
96 100
61 131.3 105.4 158.2
98 61.2 50.0 75.0

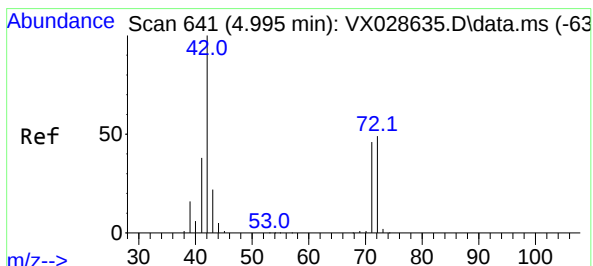
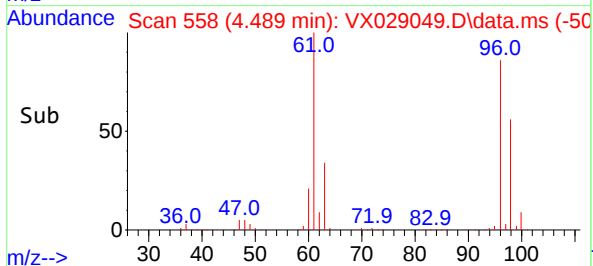
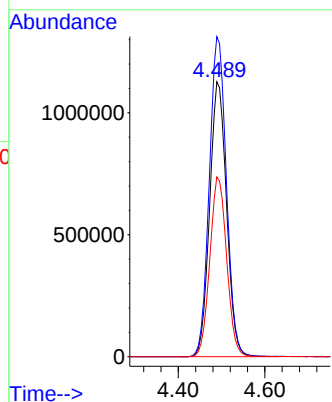
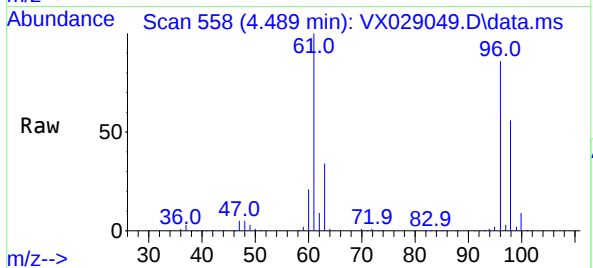




#27
cis-1,2-Dichloroethene
Concen: 680.160 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

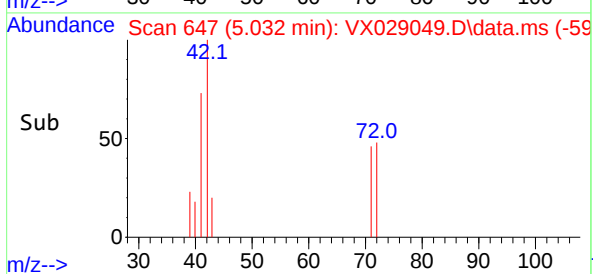
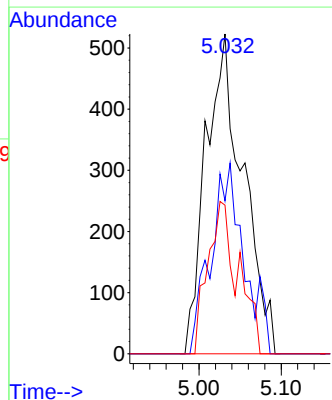
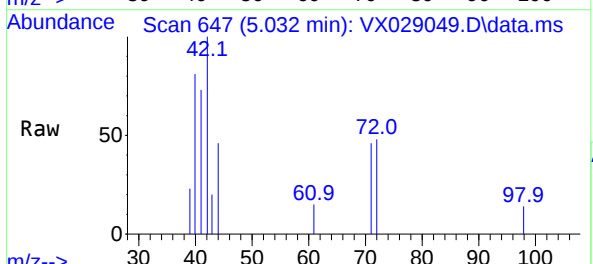
Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

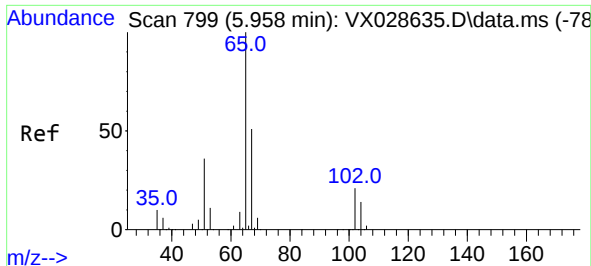
Tgt Ion: 96 Resp: 3054772
Ion Ratio Lower Upper
96 100
61 117.7 0.0 283.8
98 65.2 0.0 129.8



#29
Tetrahydrofuran
Concen: 0.833 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 42 Resp: 1650
Ion Ratio Lower Upper
42 100
72 53.5 44.1 66.1
71 29.2 40.5 60.7#

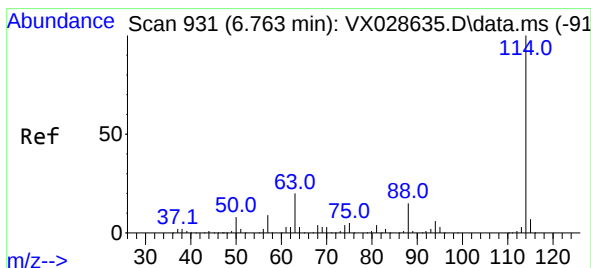
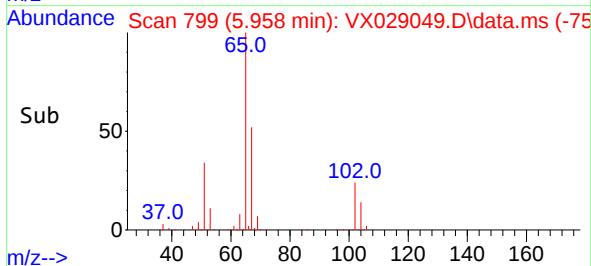
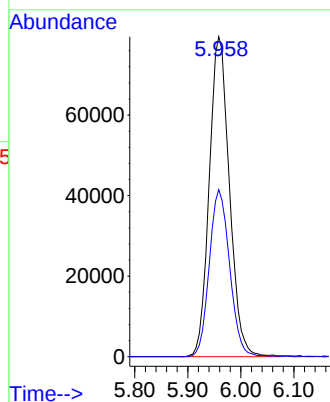
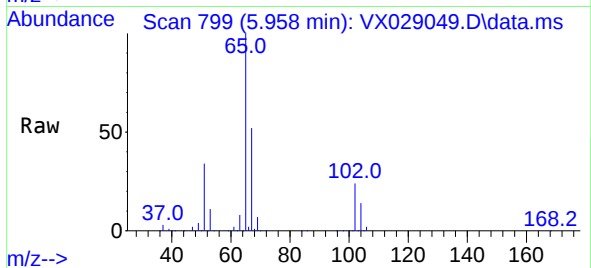




#33
1,2-Dichloroethane-d4
Concen: 46.399 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

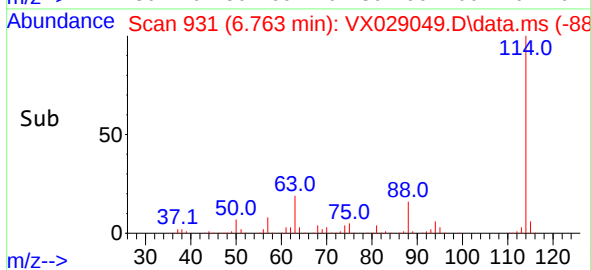
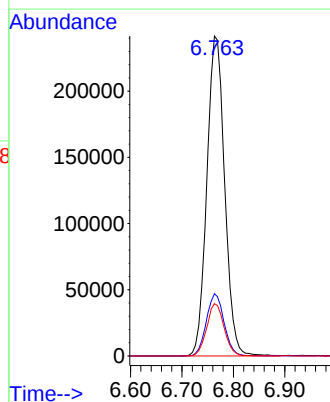
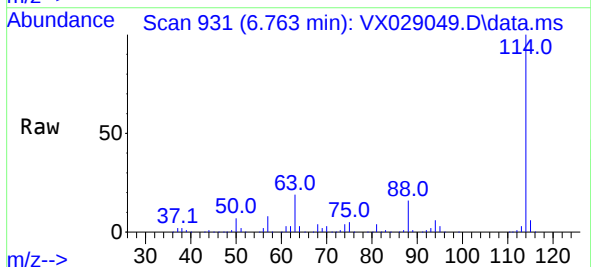
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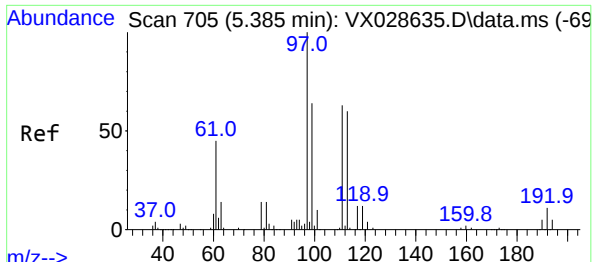
Tgt Ion: 65 Resp: 209802
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 114 Resp: 581215
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 16.4 0.0 32.4

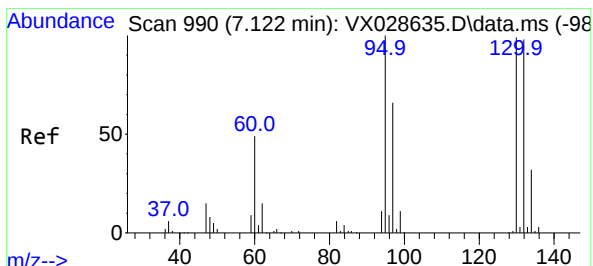
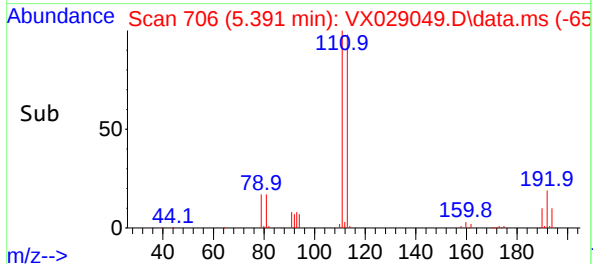
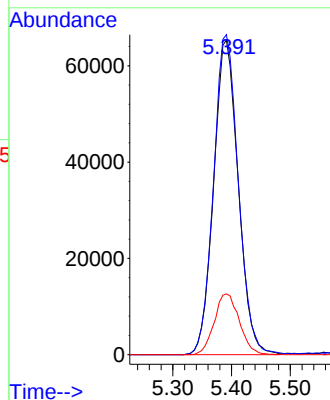
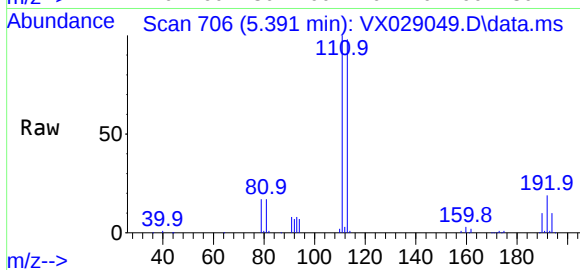




#35
Dibromofluoromethane
Concen: 49.858 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

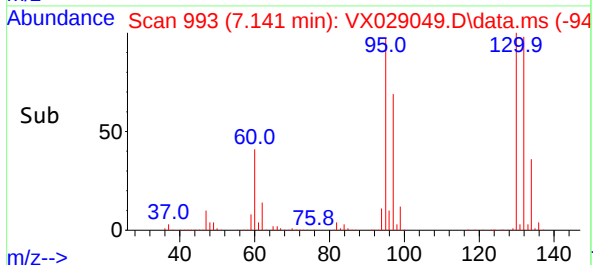
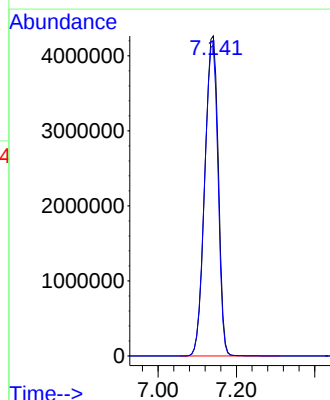
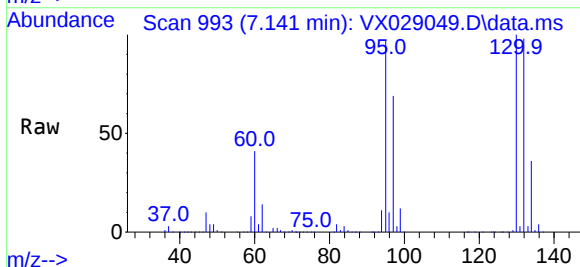
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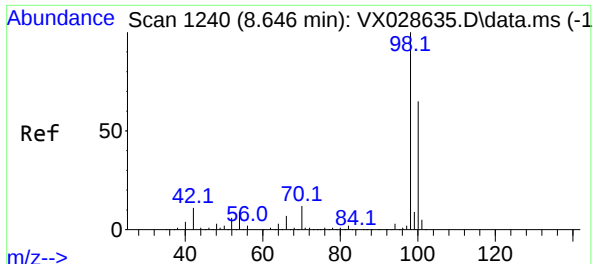
Tgt Ion:113 Resp: 189860
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.7 16.9 25.3



#44
Trichloroethene
Concen: 2277.688 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.019 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion:130 Resp:10154171
Ion Ratio Lower Upper
130 100
95 97.0 0.0 188.8

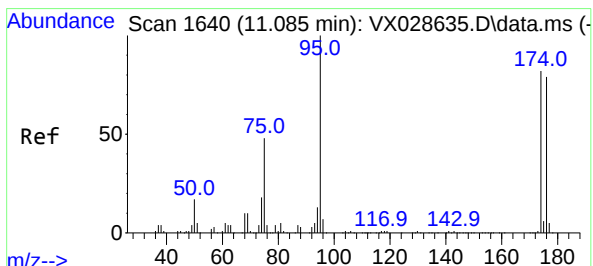
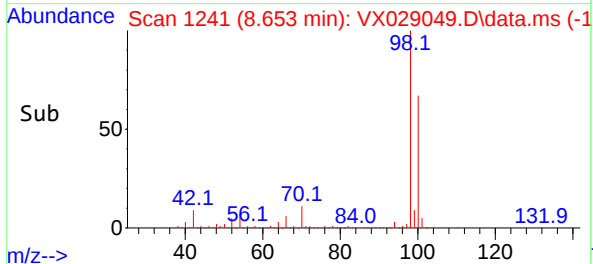
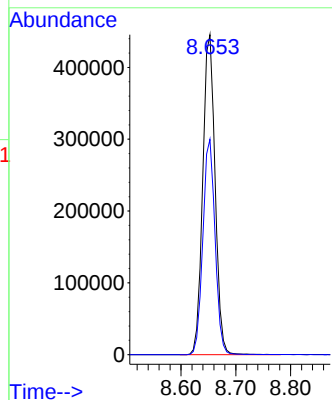
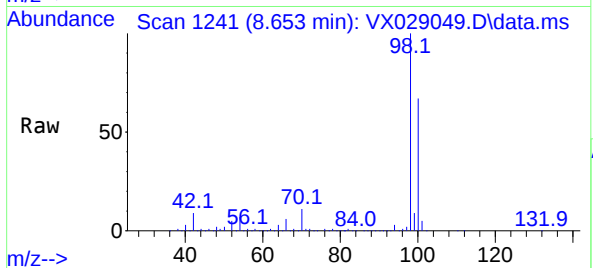




#50
Toluene-d8
Concen: 48.448 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

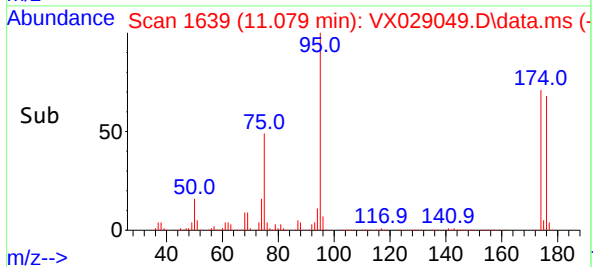
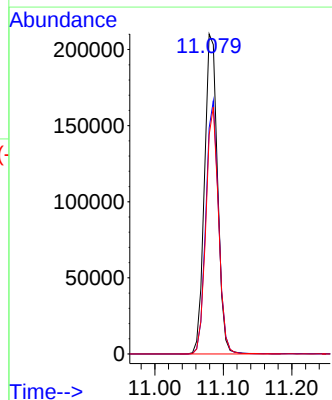
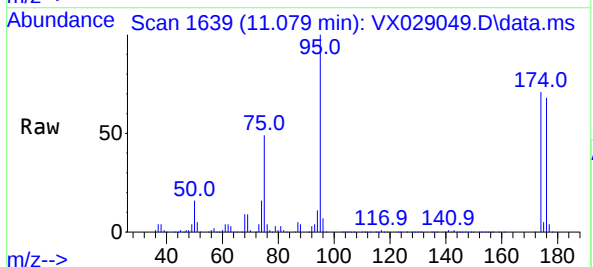
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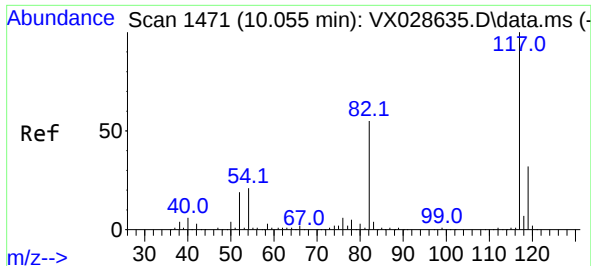
Tgt Ion: 98 Resp: 695565
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 52.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion: 95 Resp: 279175
Ion Ratio Lower Upper
95 100
174 77.0 0.0 163.0
176 74.7 0.0 155.0

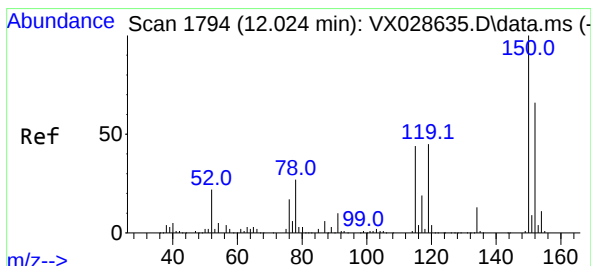
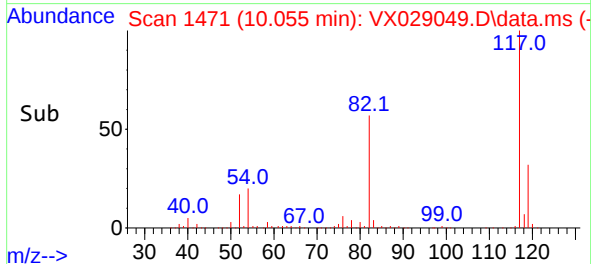
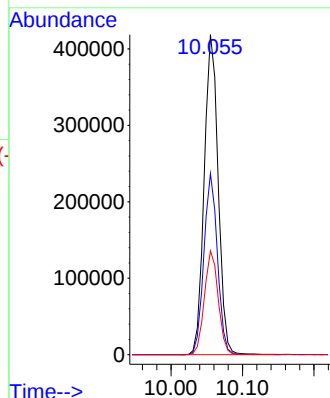
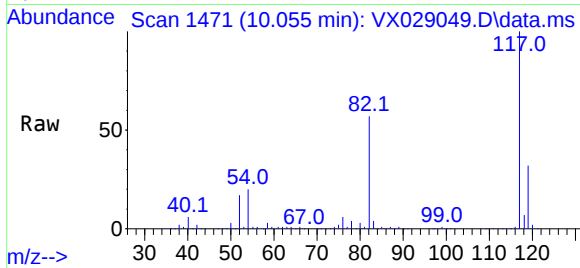




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029049.D
Acq: 28 May 2022 02:06

Instrument :
MSVOA_X
ClientSampleId :
45BR-20220525

Tgt Ion:117 Resp: 567300
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 32.5 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: VX029049.D
Acq: 28 May 2022 02:06

Tgt Ion:152 Resp: 275390
Ion Ratio Lower Upper
152 100
115 60.1 37.5 112.7
150 156.0 0.0 338.2

