

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029191.D
 Acq On : 03 Jun 2022 15:39
 Operator : JC/MD
 Sample : N3164-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31BR-20220531

Quant Time: Jun 06 02:35:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

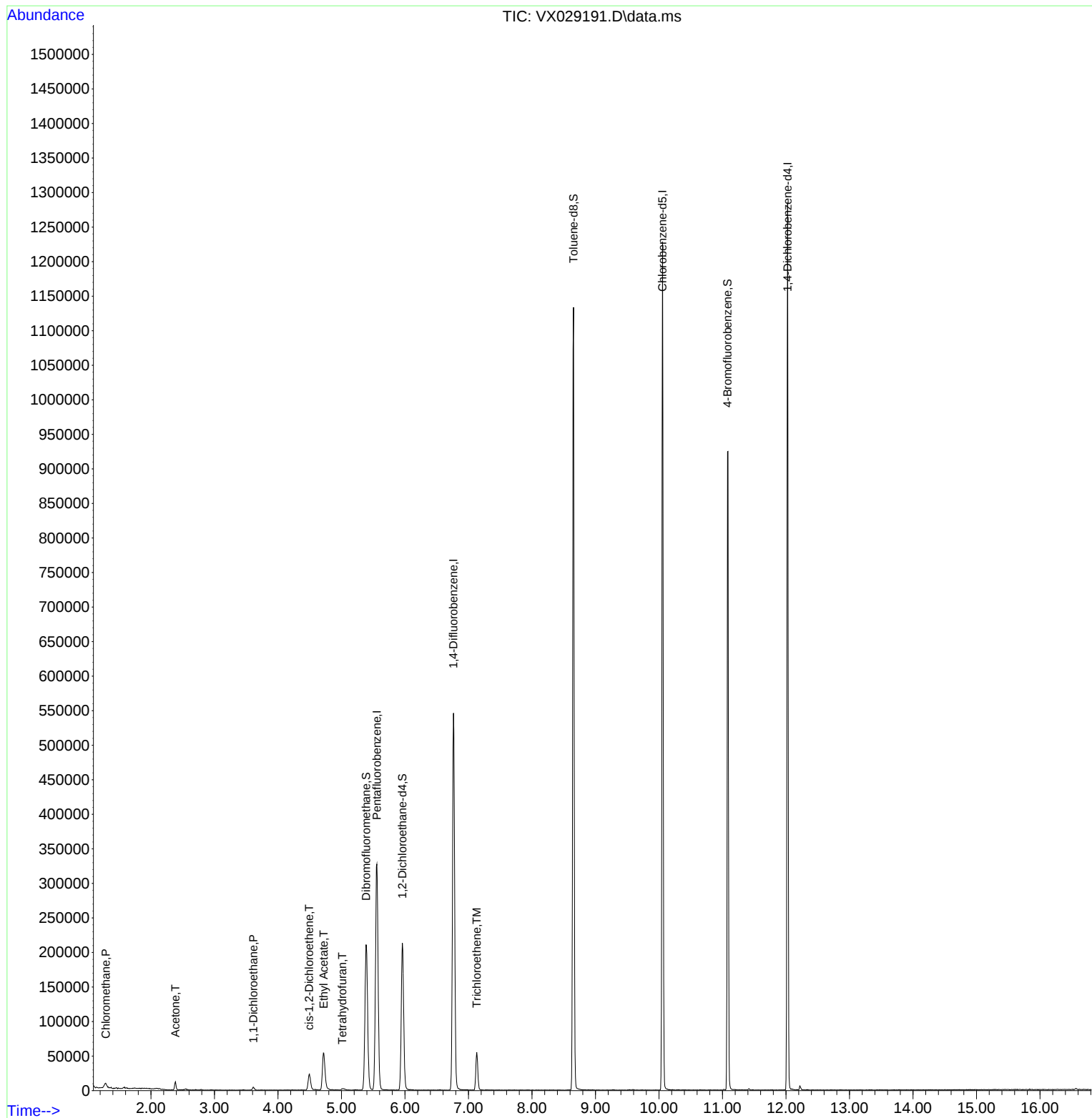
Internal Standards						
1) Pentafluorobenzene	5.556	168	310582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	582009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	562227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	262002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203506	58.107	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	116.220%
35) Dibromofluoromethane	5.385	113	191662	49.578	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.160%
50) Toluene-d8	8.653	98	688090	48.666	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.340%
62) 4-Bromofluorobenzene	11.079	95	273715	50.081	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.160%
Target Compounds						
						Qvalue
3) Chloromethane	1.289	50	914	0.323	ug/l	90
16) Acetone	2.386	43	12052	8.739	ug/l	97
24) 1,1-Dichloroethane	3.611	63	4451	0.856	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	15693	4.167	ug/l	86
29) Tetrahydrofuran	5.013	42	1994	1.398	ug/l #	83
37) Ethyl Acetate	4.721	43	93411	19.377	ug/l	98
44) Trichloroethene	7.129	130	21929	4.380	ug/l	98

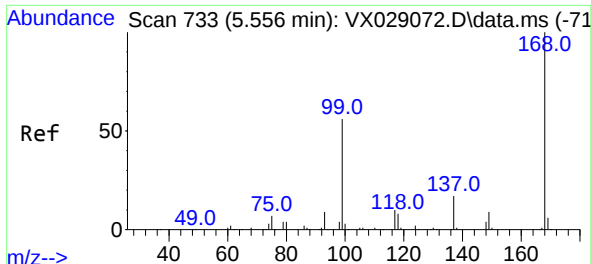
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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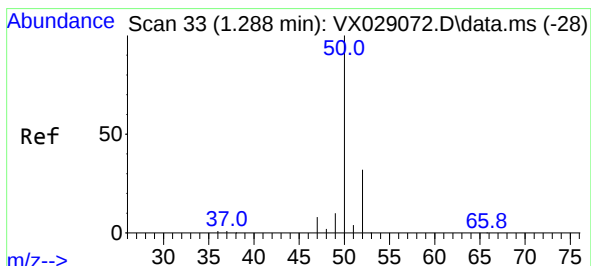
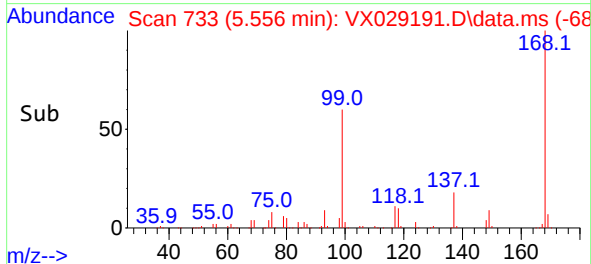
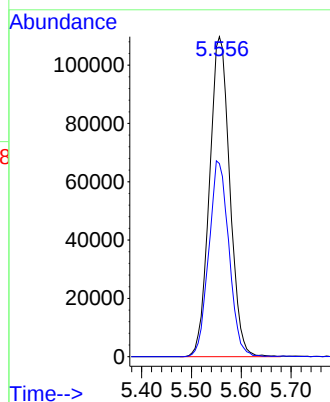
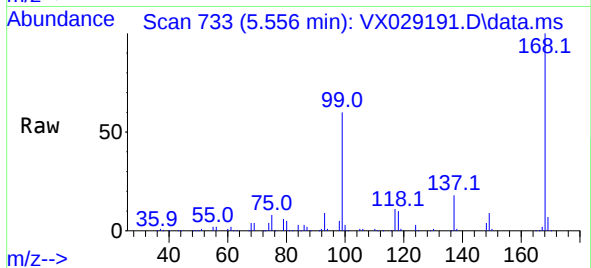




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

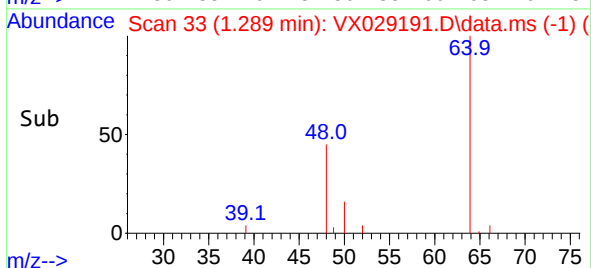
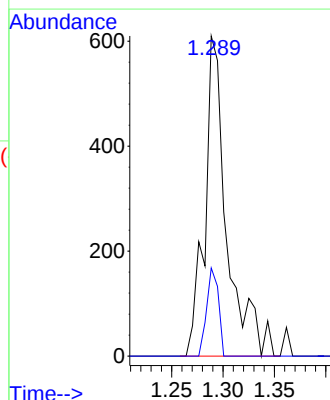
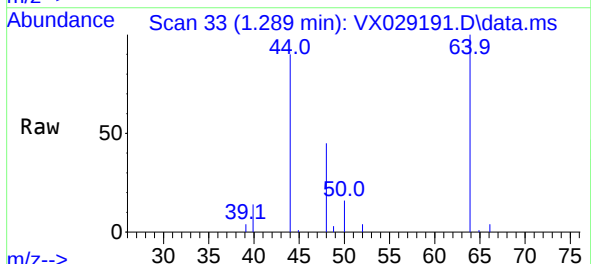
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

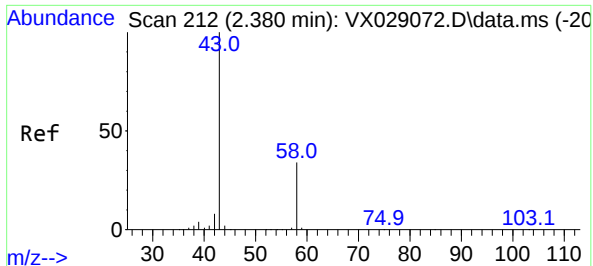
Tgt Ion:168 Resp: 310582
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#3
Chloromethane
Concen: 0.323 ug/l
RT: 1.289 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

Tgt Ion: 50 Resp: 914
Ion Ratio Lower Upper
50 100
52 27.5 26.4 39.6

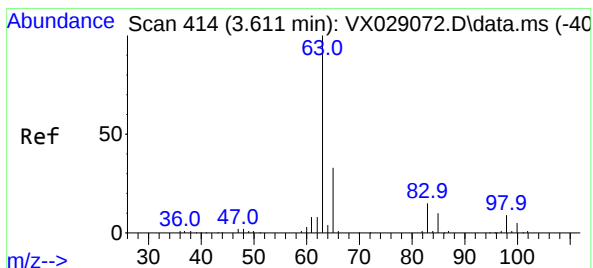
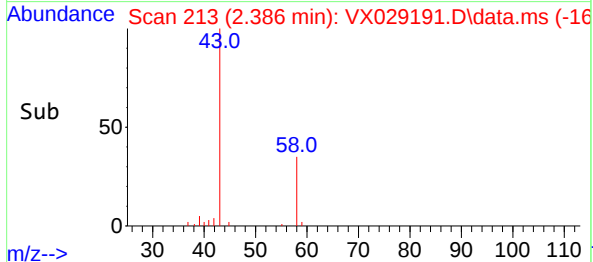
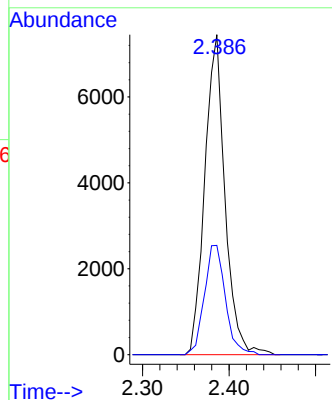
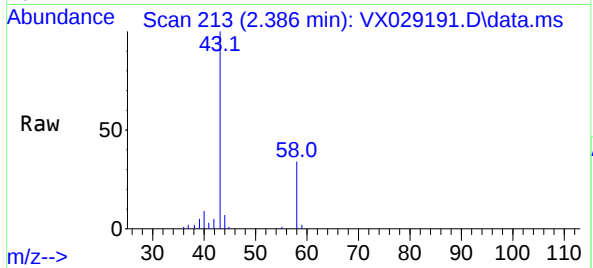




#16
Acetone
Concen: 8.739 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

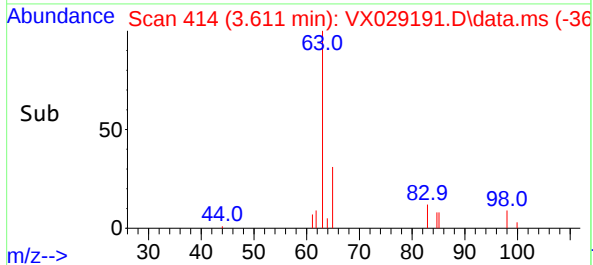
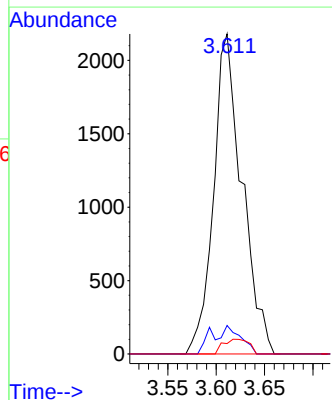
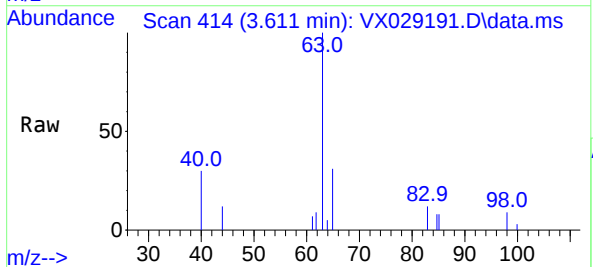
Instrument :
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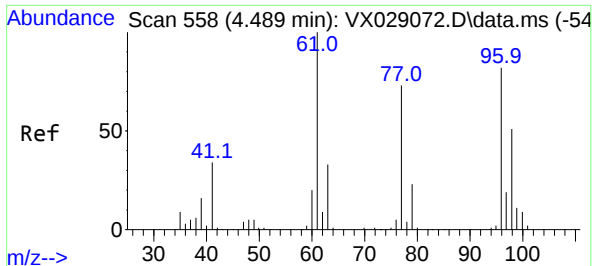
Tgt Ion: 43 Resp: 12052
Ion Ratio Lower Upper
43 100
58 34.1 28.8 43.2



#24
1,1-Dichloroethane
Concen: 0.856 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

Tgt Ion: 63 Resp: 4451
Ion Ratio Lower Upper
63 100
98 8.9 3.9 11.7
100 3.3 2.4 7.2

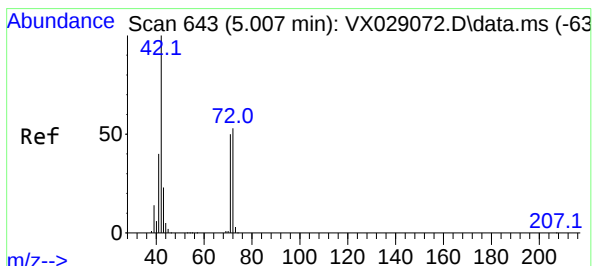
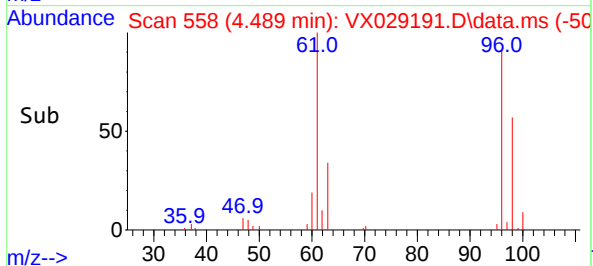
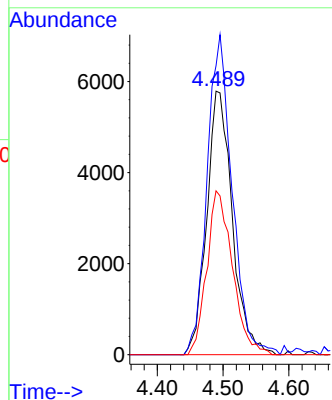
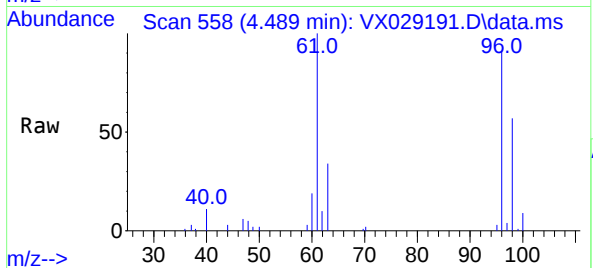




#27
cis-1,2-Dichloroethene
Concen: 4.167 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

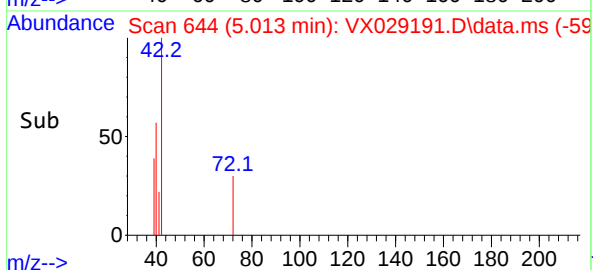
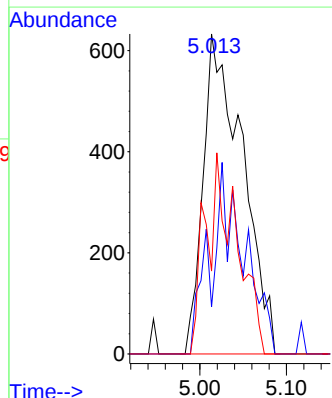
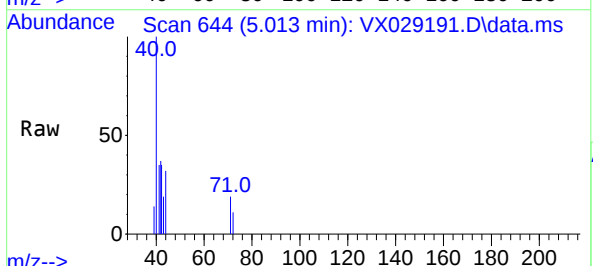
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

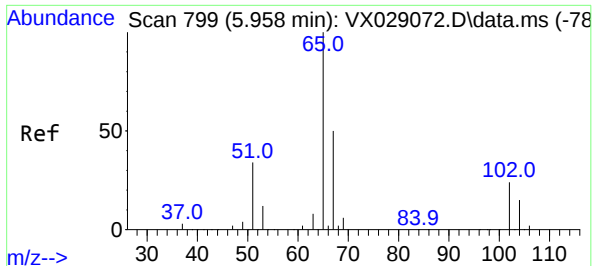
Tgt Ion: 96 Resp: 15693
Ion Ratio Lower Upper
96 100
61 118.9 0.0 283.8
98 62.4 0.0 129.8



#29
Tetrahydrofuran
Concen: 1.398 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

Tgt Ion: 42 Resp: 1994
Ion Ratio Lower Upper
42 100
72 50.4 44.1 66.1
71 30.6 40.5 60.7#





#33

1,2-Dichloroethane-d4

Concen: 58.107 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029191.D

Acq: 03 Jun 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

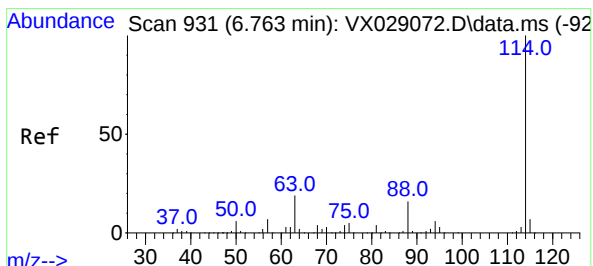
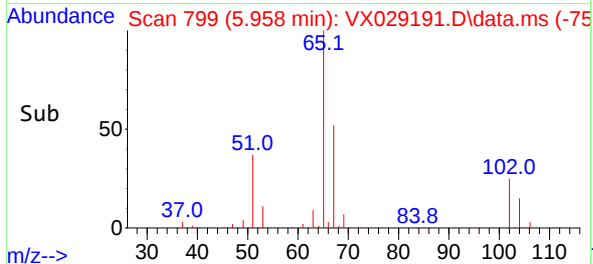
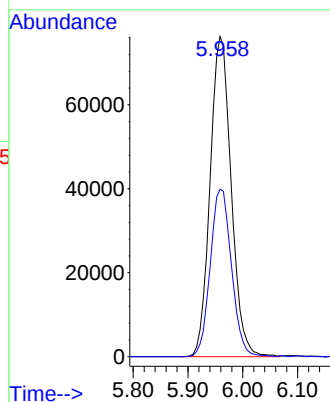
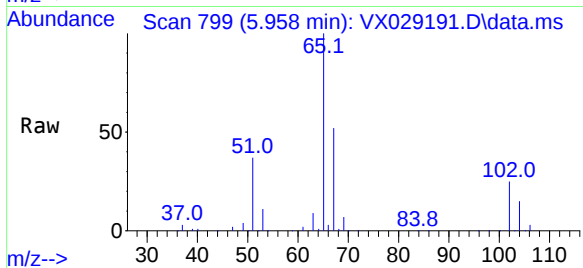
31BR-20220531

Tgt Ion: 65 Resp: 203506

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: VX029191.D

Acq: 03 Jun 2022 15:39

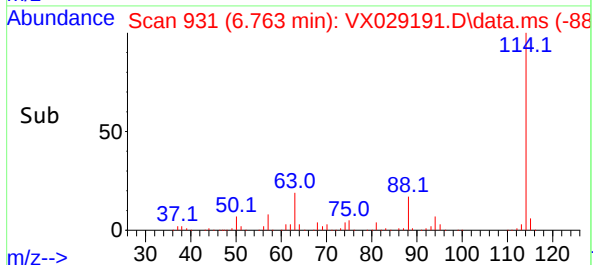
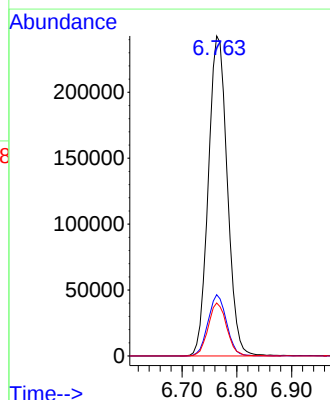
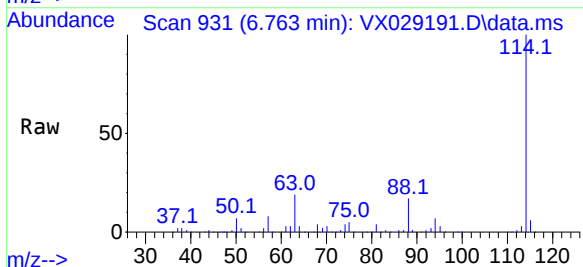
Tgt Ion: 114 Resp: 582009

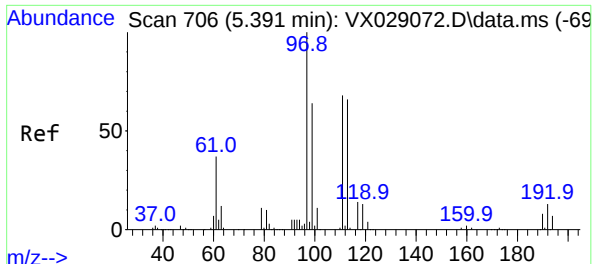
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.8

88 16.5 0.0 32.4

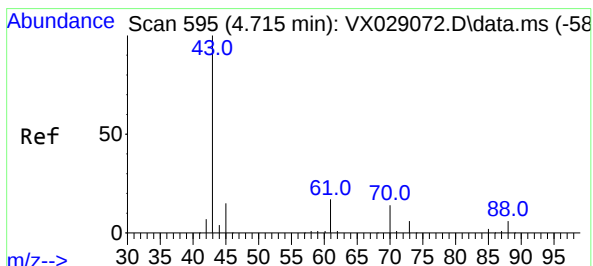
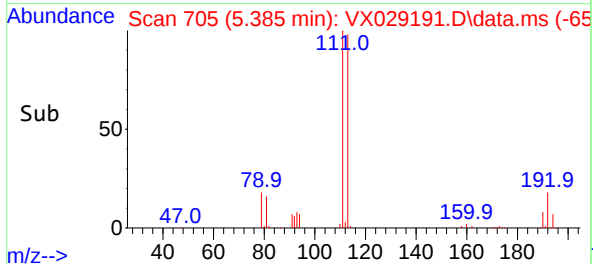
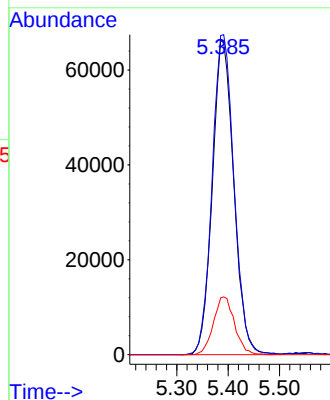
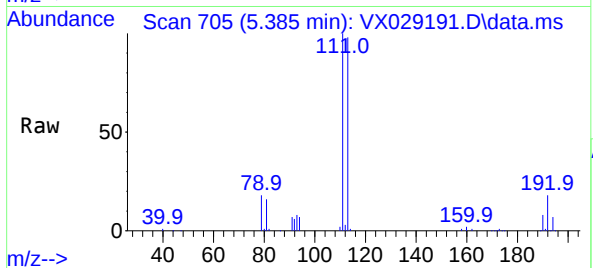




#35
Dibromofluoromethane
Concen: 49.578 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

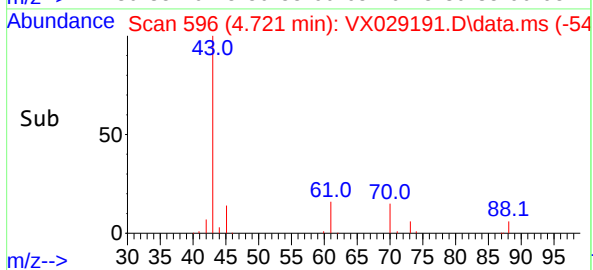
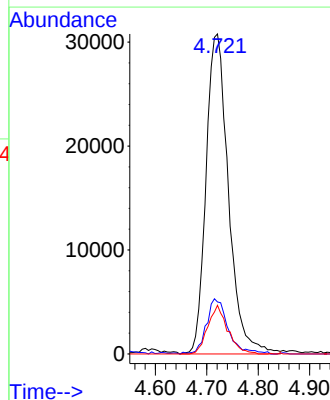
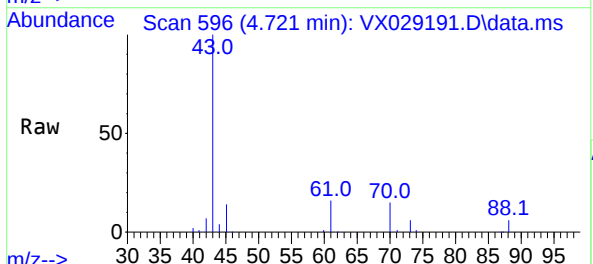
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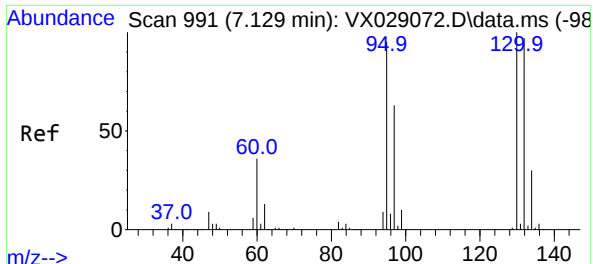
Tgt Ion:113 Resp: 191662
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 18.1 16.9 25.3



#37
Ethyl Acetate
Concen: 19.377 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

Tgt Ion: 43 Resp: 93411
Ion Ratio Lower Upper
43 100
61 16.7 12.6 19.0
70 13.5 10.2 15.2

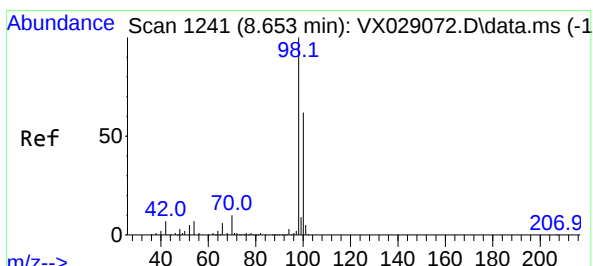
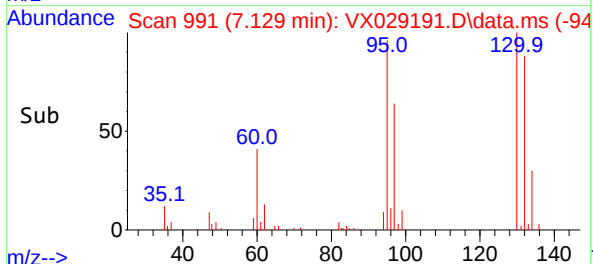
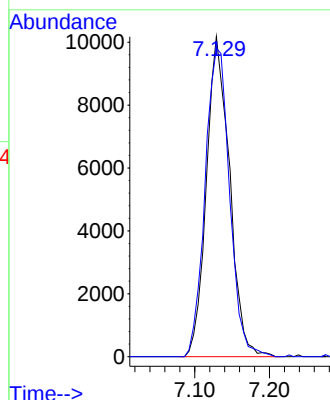
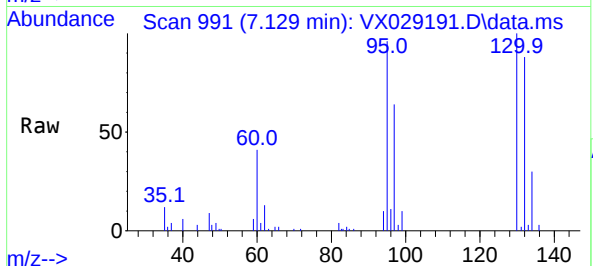




#44
Trichloroethene
Concen: 4.380 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

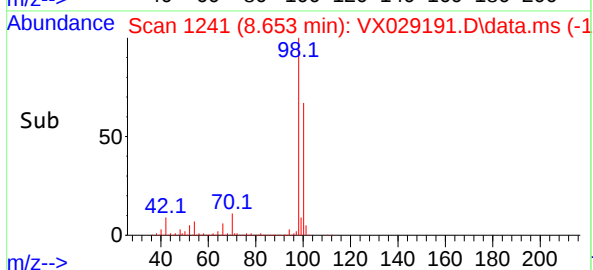
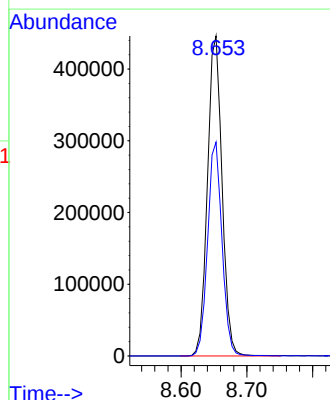
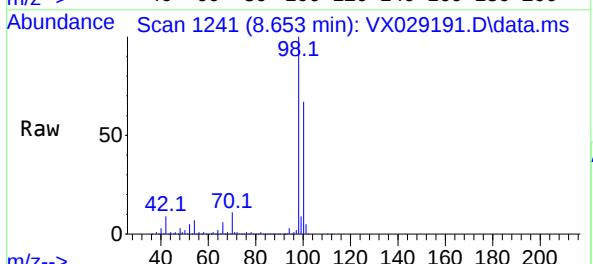
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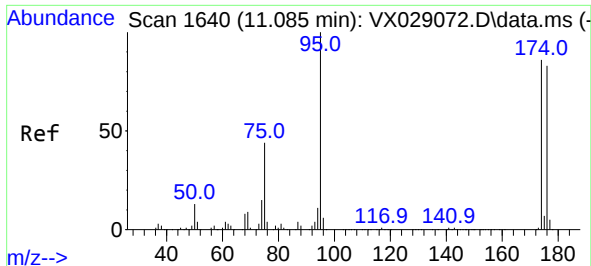
Tgt Ion:130 Resp: 21929
Ion Ratio Lower Upper
130 100
95 96.4 0.0 188.8



#50
Toluene-d8
Concen: 48.666 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

Tgt Ion: 98 Resp: 688090
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

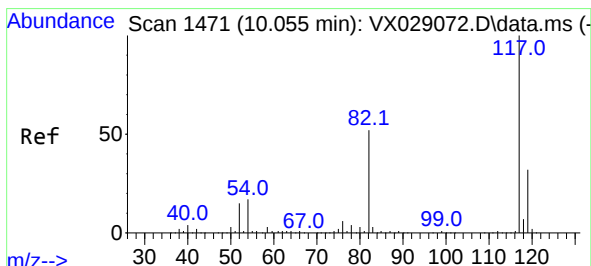
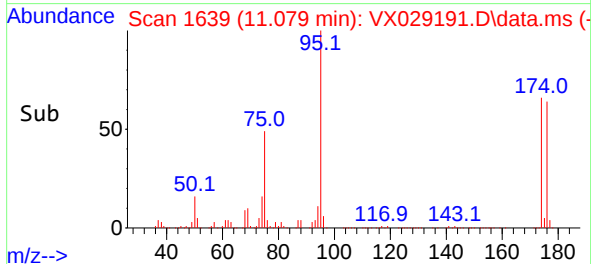
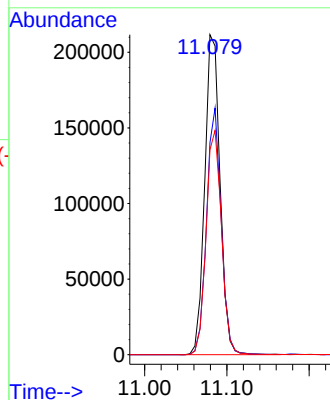
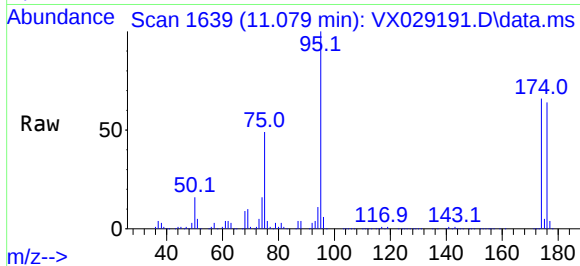




#62
4-Bromofluorobenzene
Concen: 50.081 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

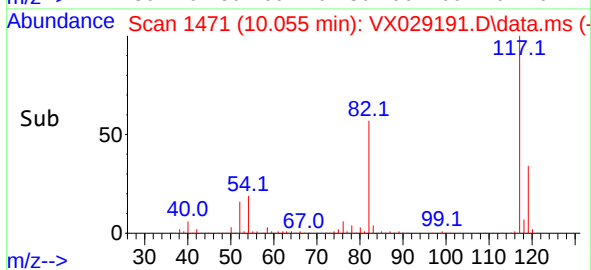
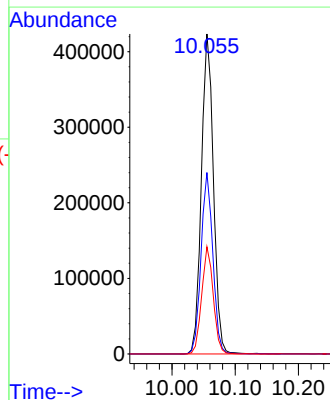
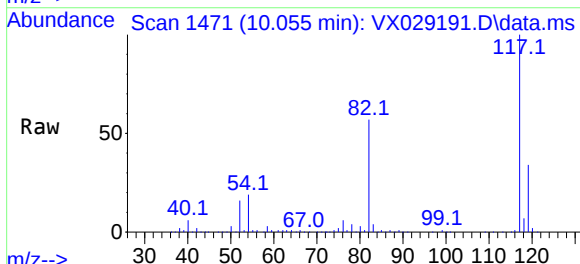
Instrument :
MSVOA_X
ClientSampleId :
31BR-20220531

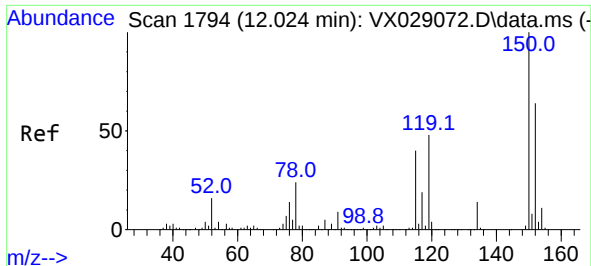
Tgt Ion: 95 Resp: 273715
Ion Ratio Lower Upper
95 100
174 73.6 0.0 163.0
176 70.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029191.D
Acq: 03 Jun 2022 15:39

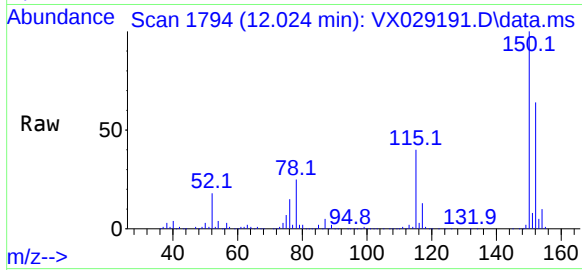
Tgt Ion: 117 Resp: 562227
Ion Ratio Lower Upper
117 100
82 56.7 41.8 62.8
119 33.5 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029191.D
 Acq: 03 Jun 2022 15:39

Instrument :
 MSVOA_X
 ClientSampleId :
 31BR-20220531



Tgt Ion:152 Resp: 262002

Ion	Ratio	Lower	Upper
152	100		
115	63.5	37.5	112.7
150	159.2	0.0	338.2

