

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111422\
 Data File : VX032791.D
 Acq On : 14 Nov 2022 13:54
 Operator : JC/MD
 Sample : N5558-11 25X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 29BR-20221109

Quant Time: Nov 15 05:07:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

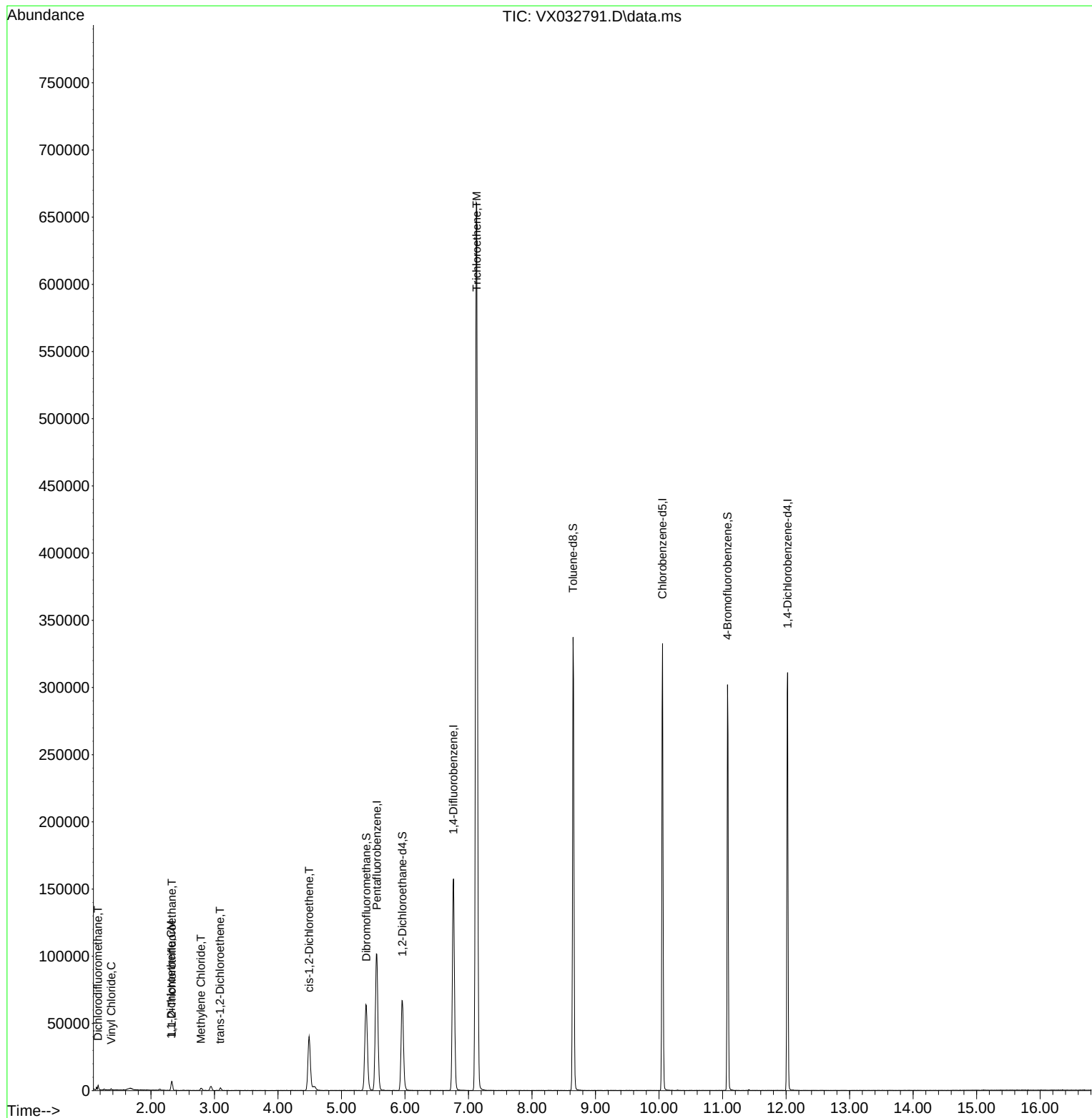
Internal Standards						
1) Pentafluorobenzene	5.556	168	98433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67877	49.628	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.260%
35) Dibromofluoromethane	5.391	113	55363	48.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.620%
50) Toluene-d8	8.647	98	195061	49.453	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.900%
62) 4-Bromofluorobenzene	11.079	95	72993	47.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	2164	1.906	ug/l	98
4) Vinyl Chloride	1.374	62	537	0.508	ug/l #	84
9) 1,1,2-Trichlorotrifluo...	2.331	101	1616	1.529	ug/l	97
12) 1,1-Dichloroethene	2.319	96	1186	1.201	ug/l	80
20) Methylene Chloride	2.788	84	868	0.762	ug/l #	95
21) trans-1,2-Dichloroethene	3.087	96	879	0.818	ug/l #	67
27) cis-1,2-Dichloroethene	4.489	96	25697	20.690	ug/l	88
44) Trichloroethene	7.129	130	256411	203.766	ug/l	99

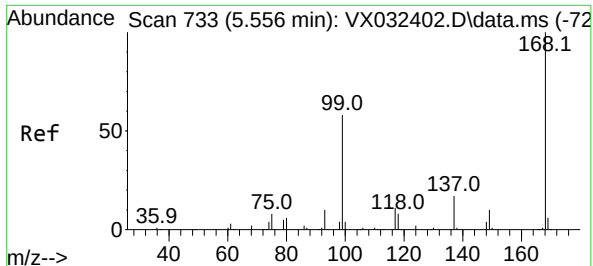
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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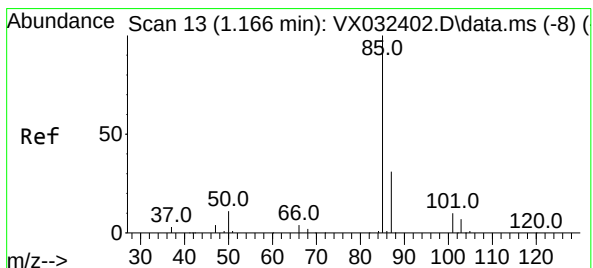
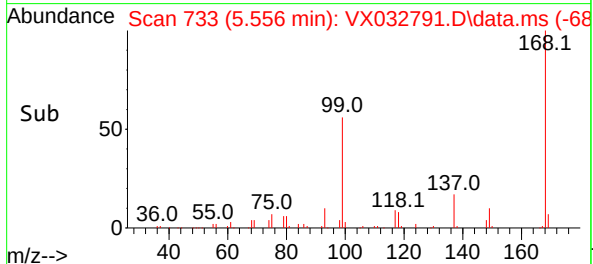
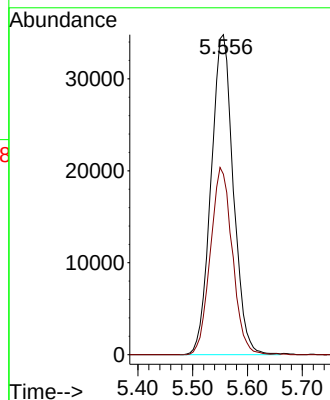
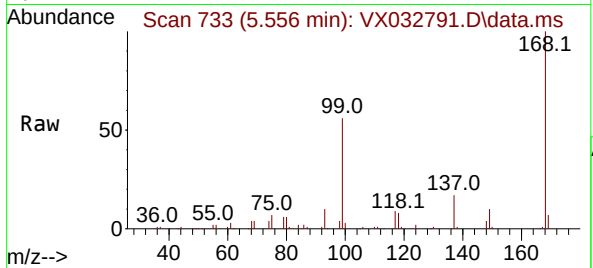




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

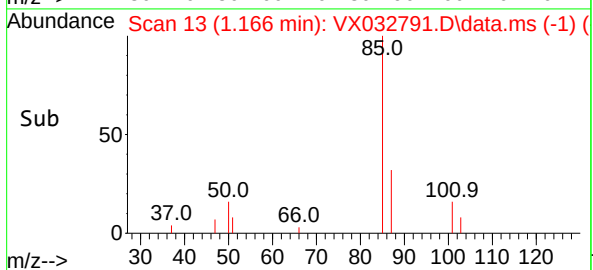
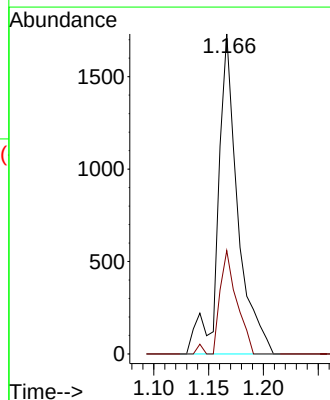
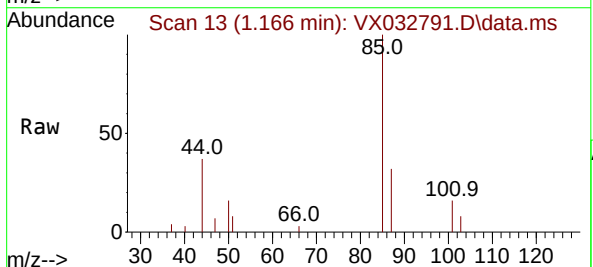
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109

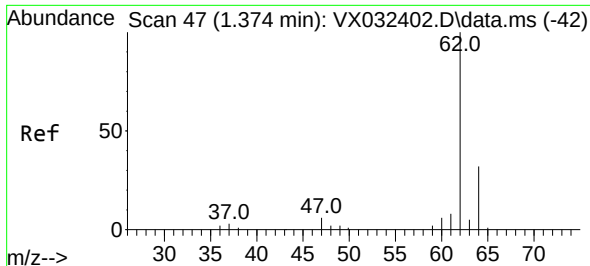
Tgt Ion:168 Resp: 98433
Ion Ratio Lower Upper
168 100
99 56.4 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 1.906 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Tgt Ion: 85 Resp: 2164
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.7

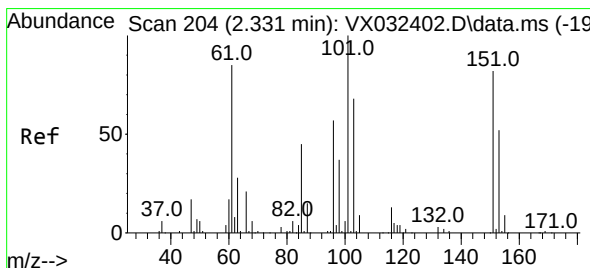
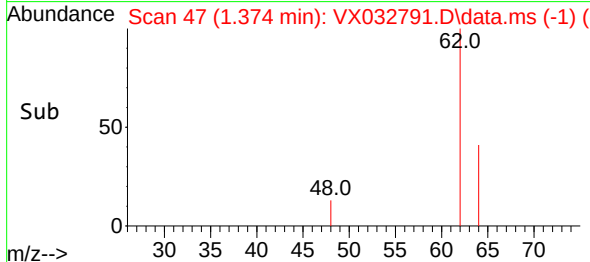
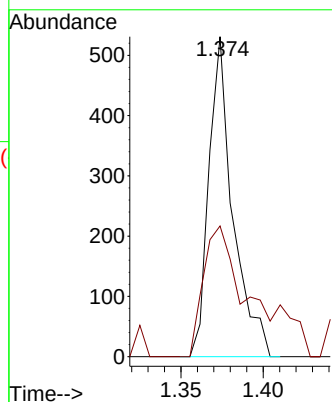
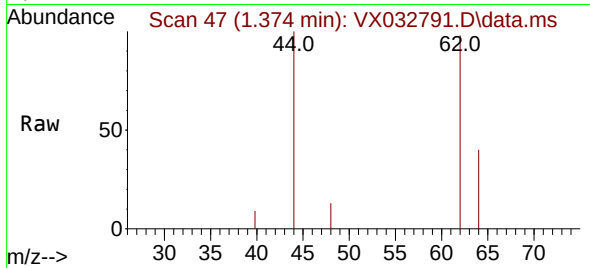




#4
 Vinyl Chloride
 Concen: 0.508 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032791.D
 Acq: 14 Nov 2022 13:54

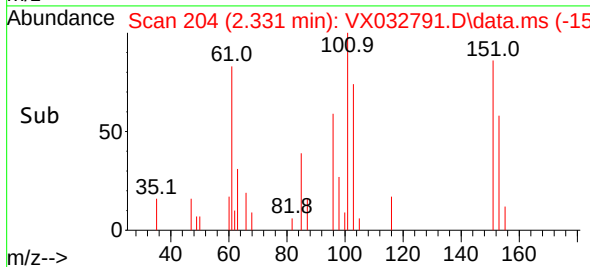
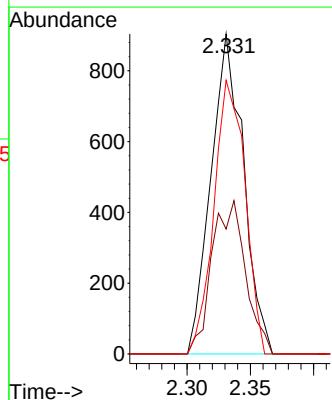
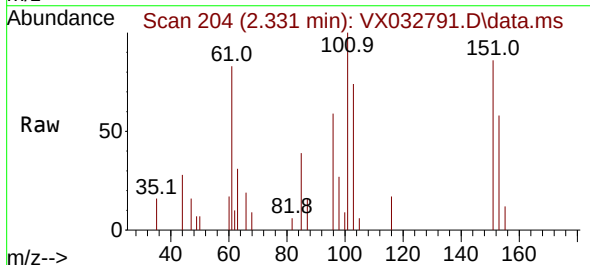
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 ClientSampleId :
 29BR-20221109

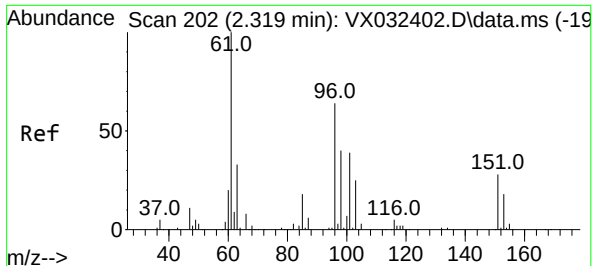
Tgt Ion: 62 Resp: 537
 Ion Ratio Lower Upper
 62 100
 64 40.9 25.8 38.6#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.529 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX032791.D
 Acq: 14 Nov 2022 13:54

Tgt Ion: 101 Resp: 1616
 Ion Ratio Lower Upper
 101 100
 85 49.5 37.0 55.4
 151 81.8 64.4 96.6





#12

1,1-Dichloroethene

Concen: 1.201 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX032791.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA_X

ClientSampleId :

29BR-20221109

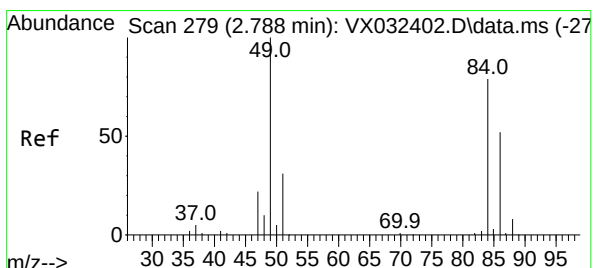
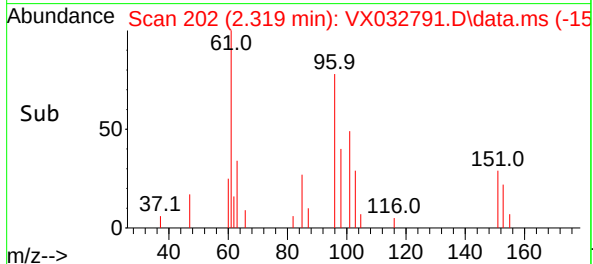
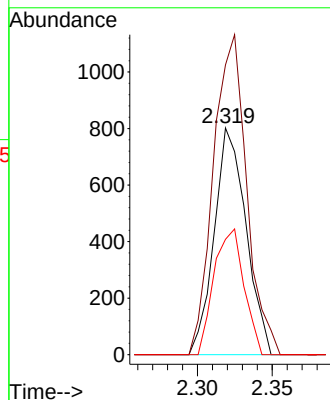
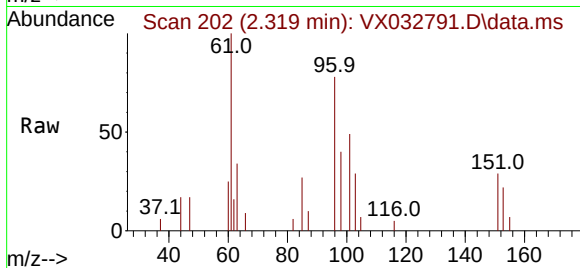
Tgt Ion: 96 Resp: 1186

Ion Ratio Lower Upper

96 100

61 127.8 125.1 187.7

98 50.9 50.6 76.0



#20

Methylene Chloride

Concen: 0.762 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX032791.D

Acq: 14 Nov 2022 13:54

Tgt Ion: 84 Resp: 868

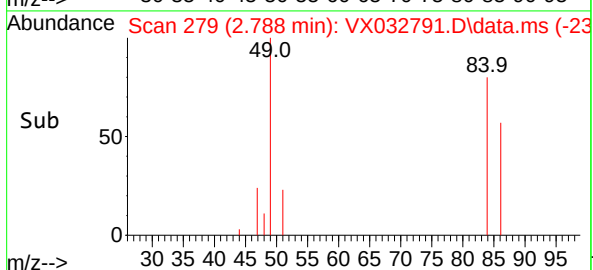
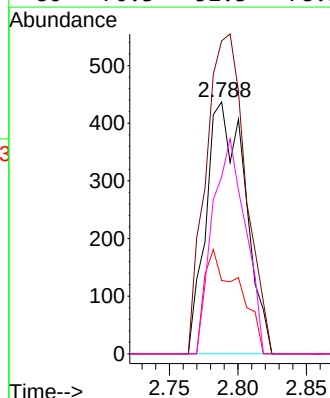
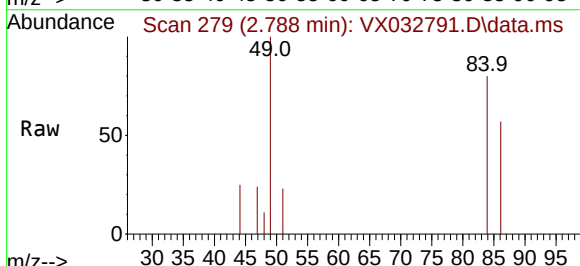
Ion Ratio Lower Upper

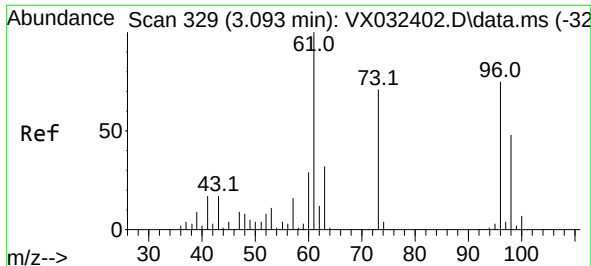
84 100

49 124.3 101.0 151.6

51 29.1 31.1 46.7#

86 70.3 52.3 78.5

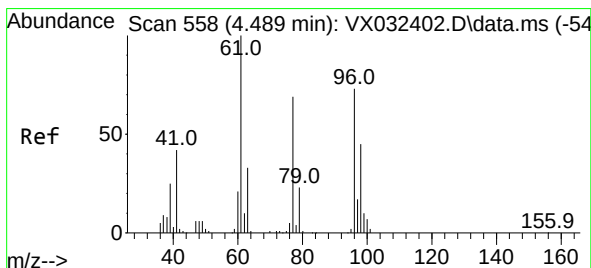
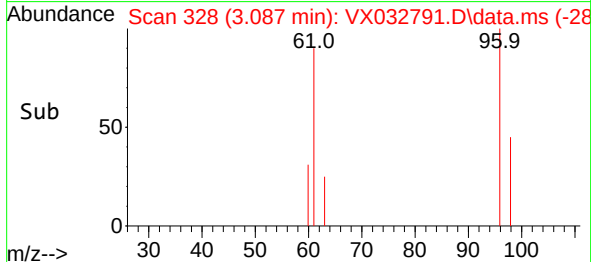
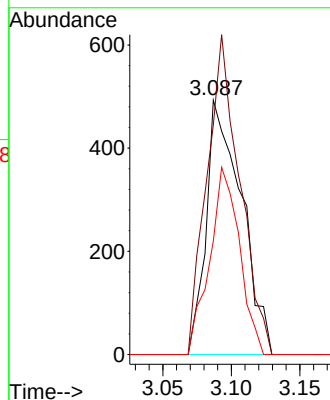
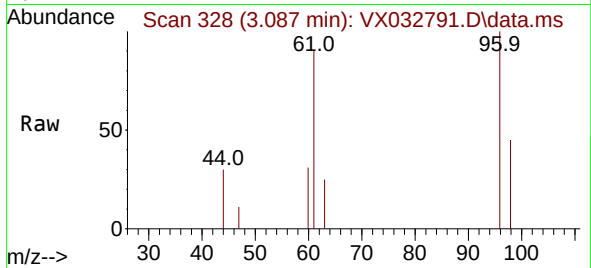




#21
trans-1,2-Dichloroethene
Concen: 0.818 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

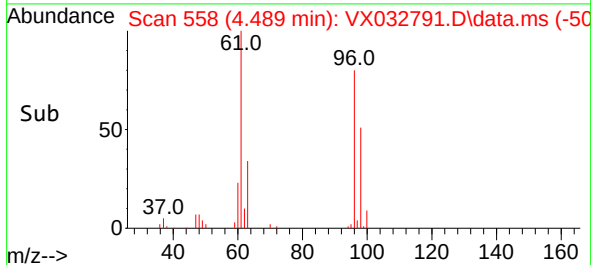
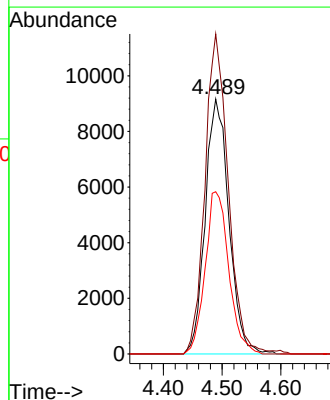
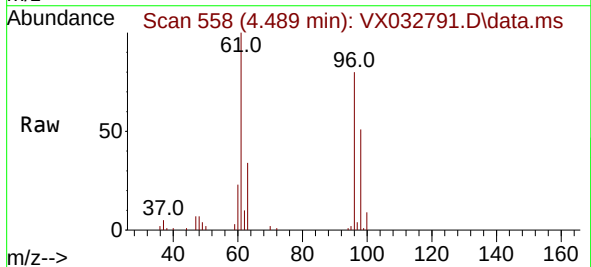
Instrument :
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29BR-20221109

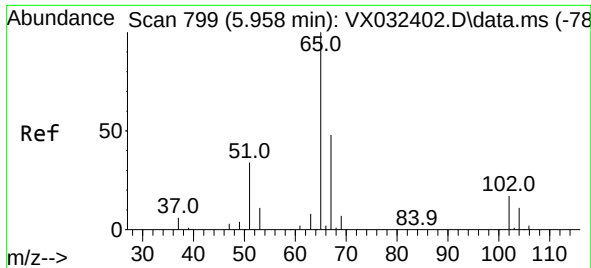
Tgt Ion: 96 Resp: 879
Ion Ratio Lower Upper
96 100
61 90.3 106.6 160.0#
98 44.6 51.0 76.6#



#27
cis-1,2-Dichloroethene
Concen: 20.690 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Tgt Ion: 96 Resp: 25697
Ion Ratio Lower Upper
96 100
61 122.6 0.0 286.0
98 63.5 0.0 129.6

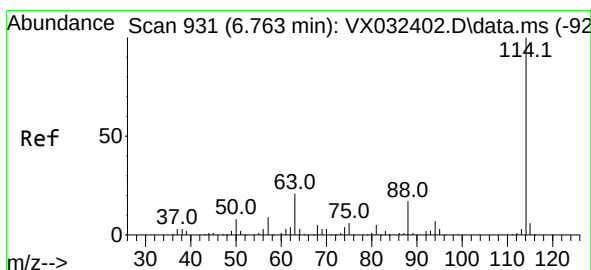
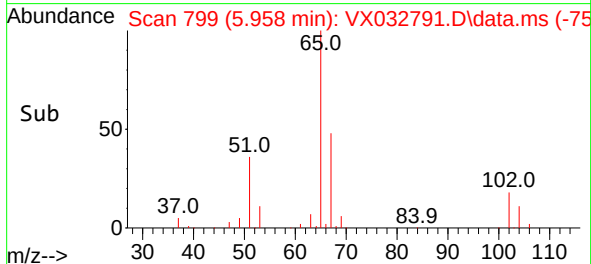
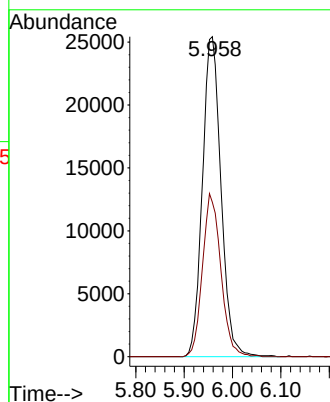
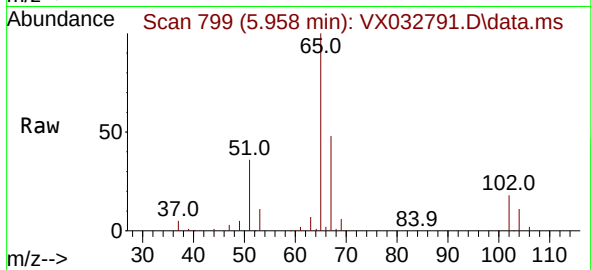




#33
 1,2-Dichloroethane-d4
 Concen: 49.628 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX032791.D
 Acq: 14 Nov 2022 13:54

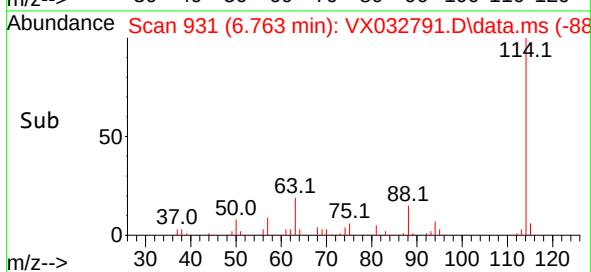
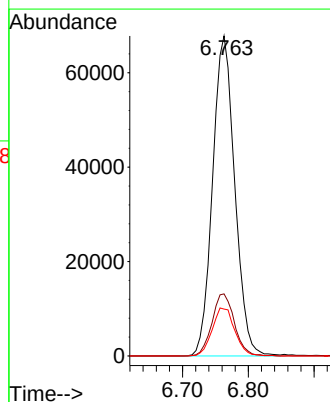
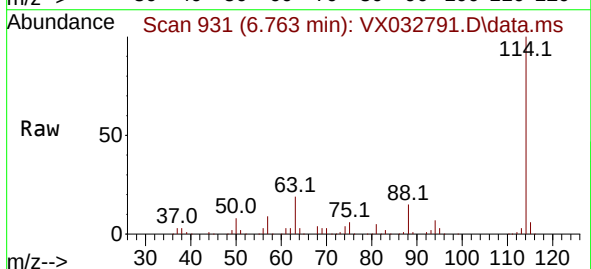
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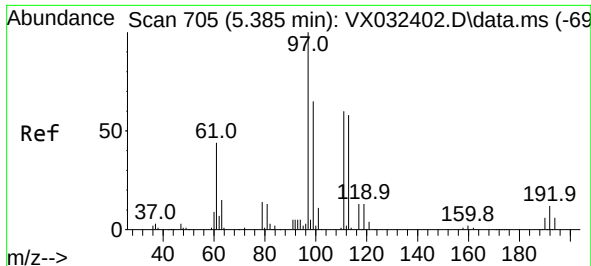
Tgt Ion: 65 Resp: 67877
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX032791.D
 Acq: 14 Nov 2022 13:54

Tgt Ion: 114 Resp: 159025
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.6
 88 14.6 0.0 33.4

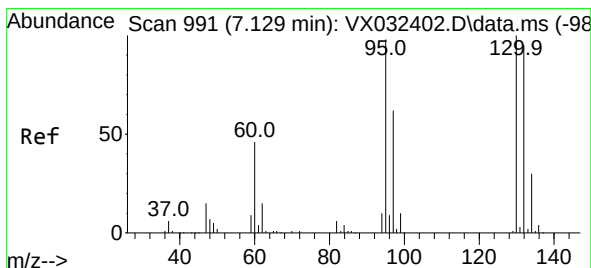
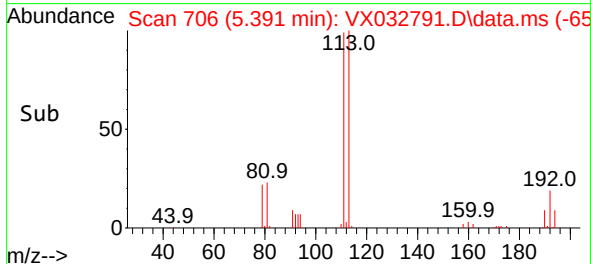
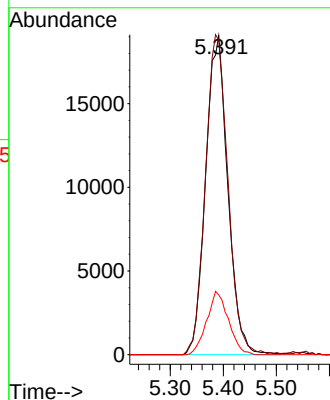
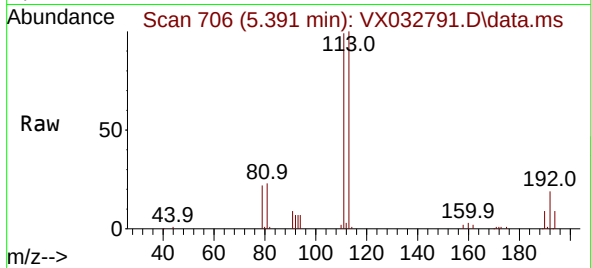




#35
Dibromofluoromethane
Concen: 48.806 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

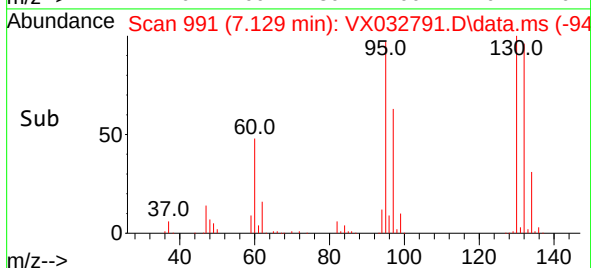
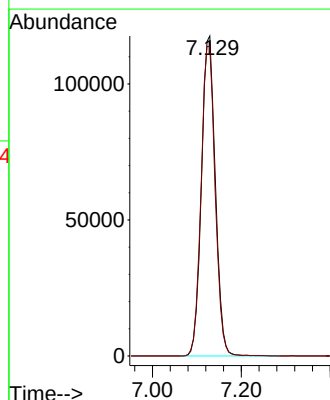
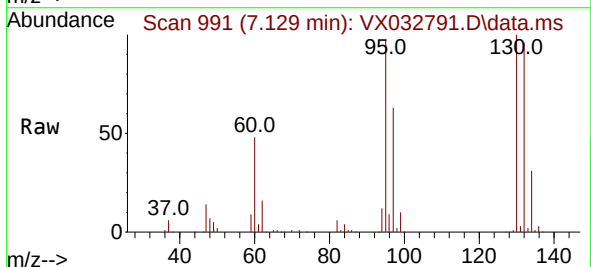
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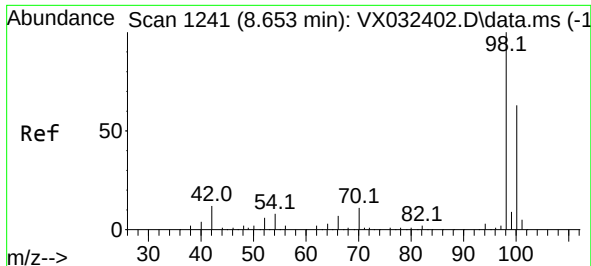
Tgt Ion:113 Resp: 55363
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 19.4 15.4 23.2



#44
Trichloroethene
Concen: 203.766 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Tgt Ion:130 Resp: 256411
Ion Ratio Lower Upper
130 100
95 96.5 0.0 195.2

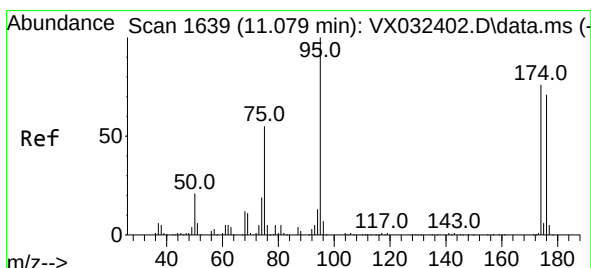
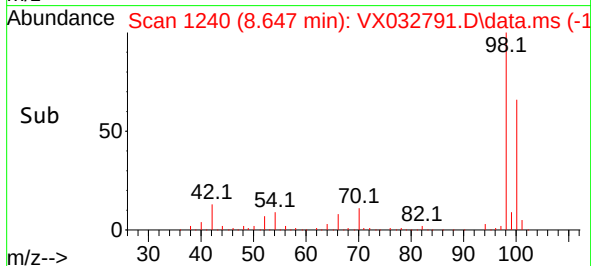
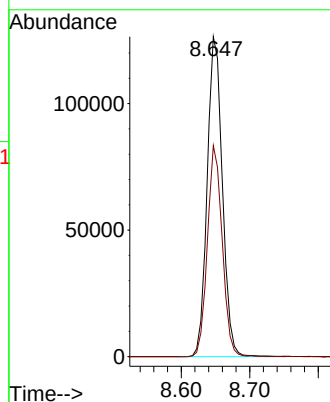
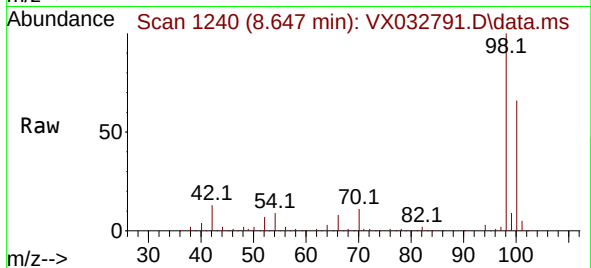




#50
Toluene-d8
Concen: 49.453 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

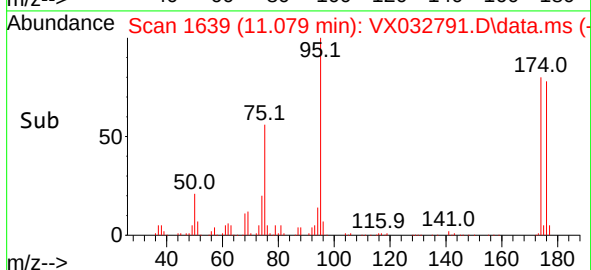
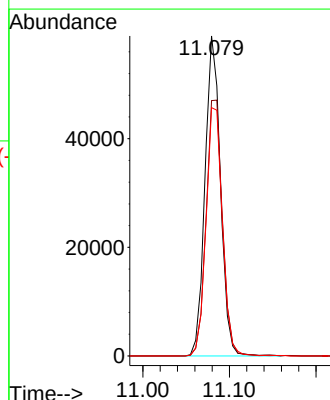
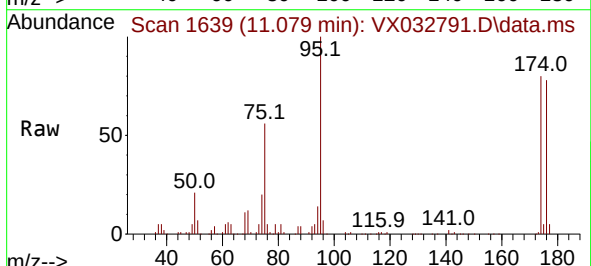
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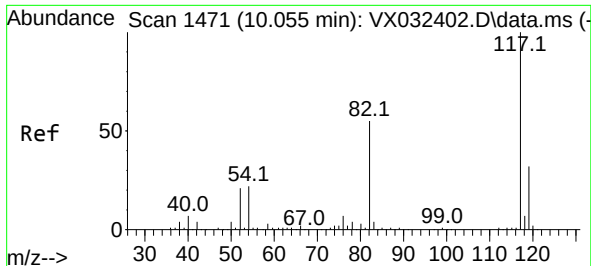
Tgt Ion: 98 Resp: 195061
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Tgt Ion: 95 Resp: 72993
Ion Ratio Lower Upper
95 100
174 84.6 0.0 164.0
176 82.2 0.0 154.4

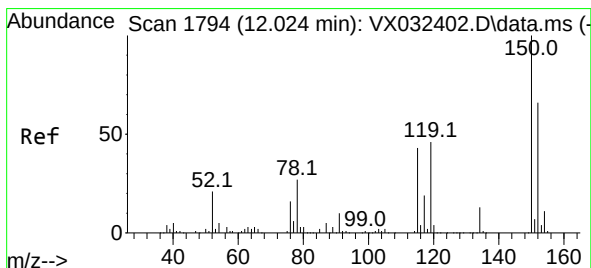
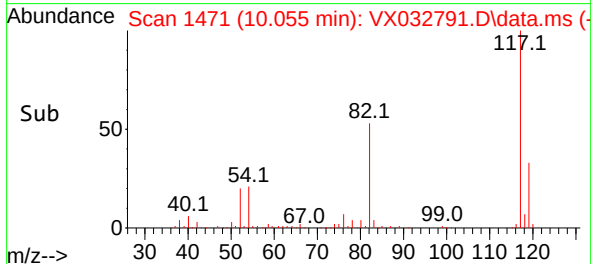
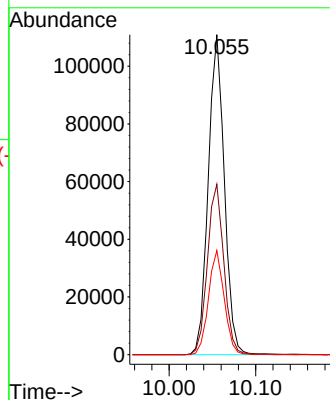
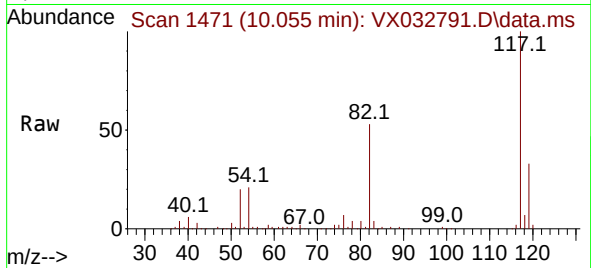




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109

Tgt Ion:117 Resp: 143232
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 32.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Tgt Ion:152 Resp: 65234
Ion Ratio Lower Upper
152 100
115 59.4 44.0 132.0
150 158.2 0.0 351.8

