

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)

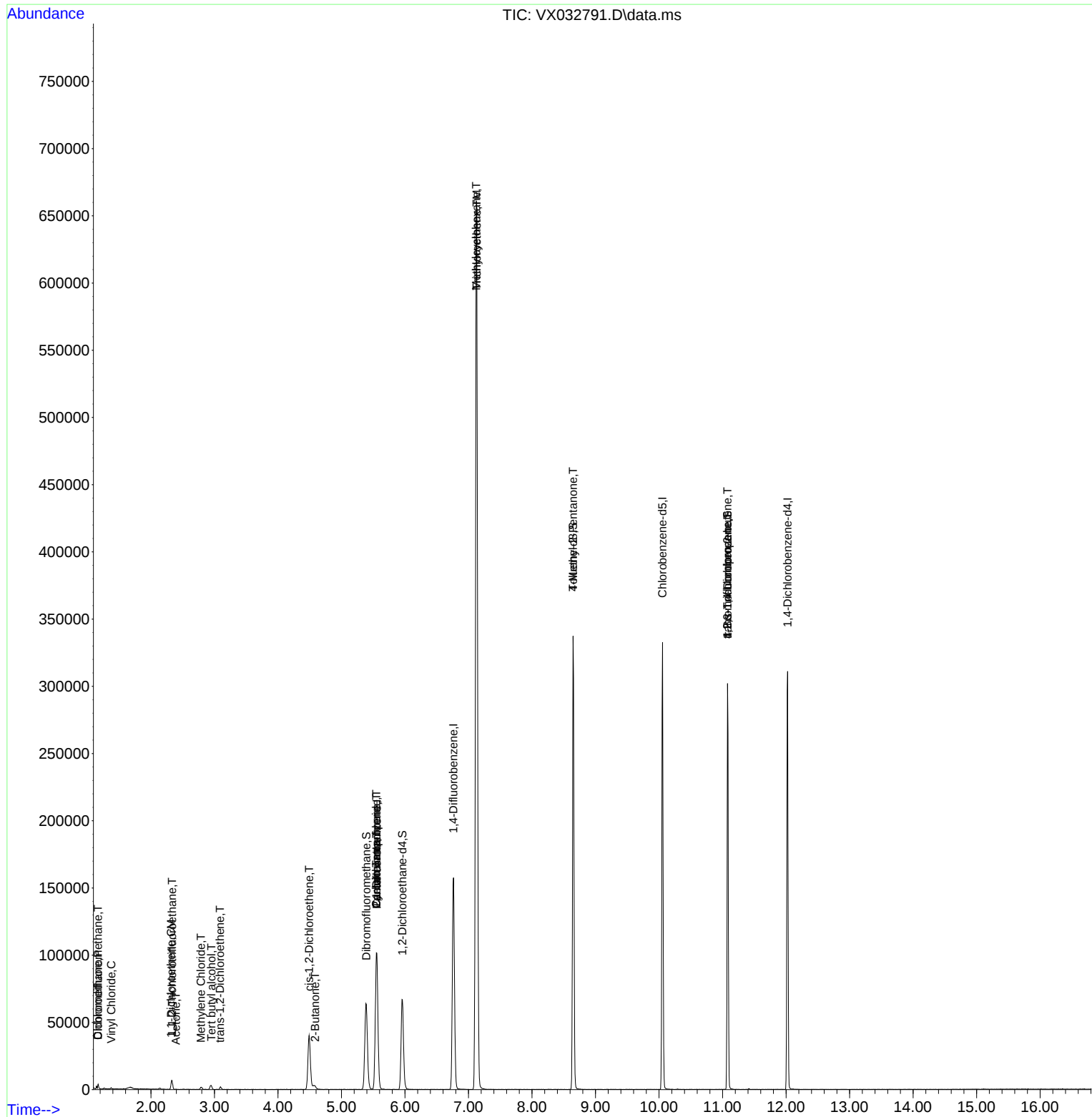
Internal Standards						
1) Pentafluorobenzene	5.556	168	98433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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
3) Chloromethane	1.166	50	230	0.240	ug/l #	43
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
11) Tert butyl alcohol	2.953	59	1738	8.731	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	1186	1.201	ug/l	80
16) Acetone	2.392	43	102	0.205	ug/l #	45
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
25) 2-Butanone	4.587	43	183	0.238	ug/l #	47
27) cis-1,2-Dichloroethene	4.489	96	25697	20.690	ug/l	88
31) Cyclohexane	5.550	56	2053	1.238	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	7331	4.641	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10194	5.818	ug/l #	16
39) Methylcyclohexane	7.123	83	3038	1.626	ug/l #	1
44) Trichloroethene	7.129	130	256411	203.766	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	860	0.541	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40024	27.578	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40024	87.754	ug/l #	6

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

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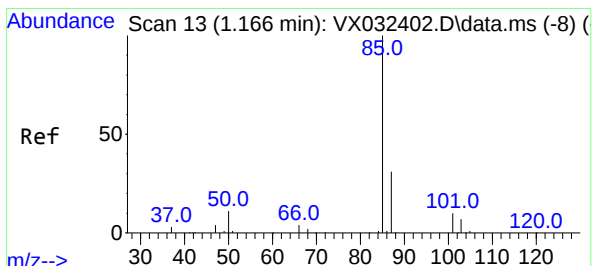
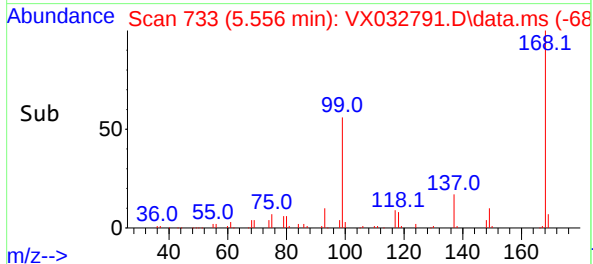
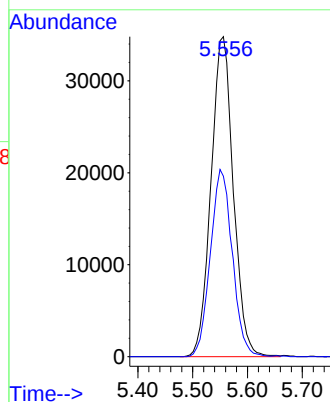
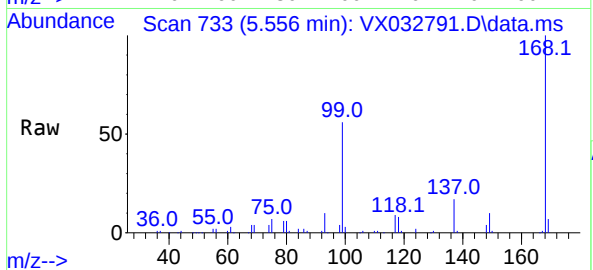




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

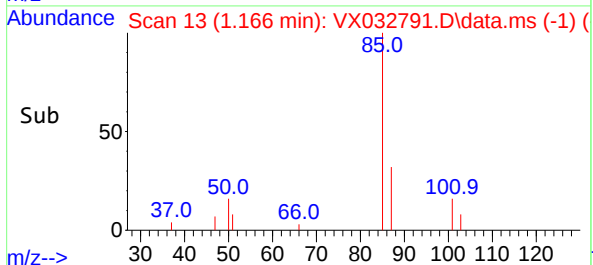
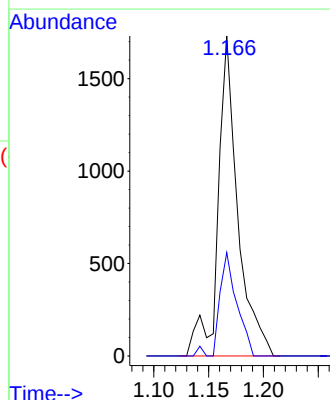
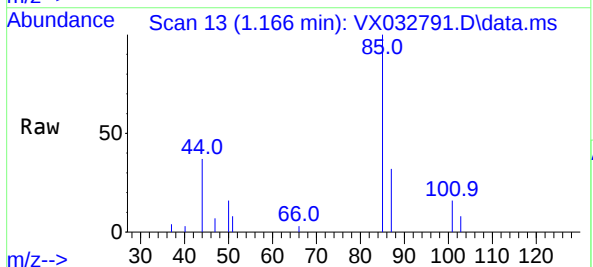
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109

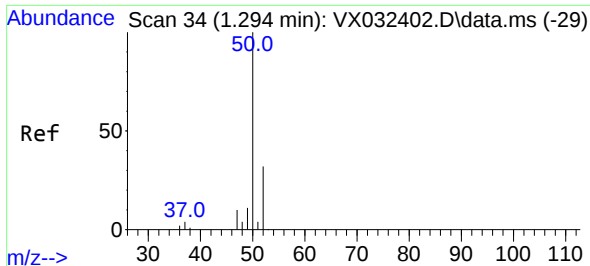
Tgt Ion:168 Resp: 98433
Ion Ratio Lower Upper
168 100
99 56.4 46.1 69.1



#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

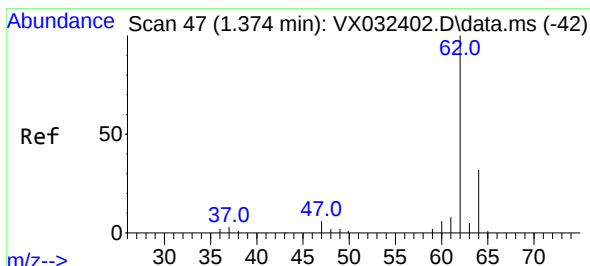
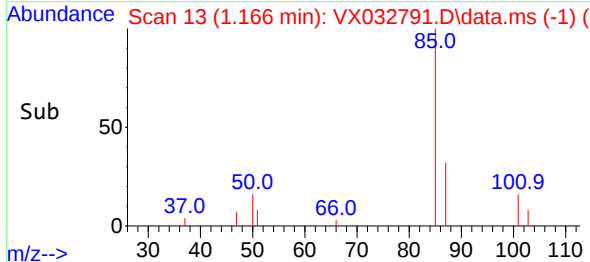
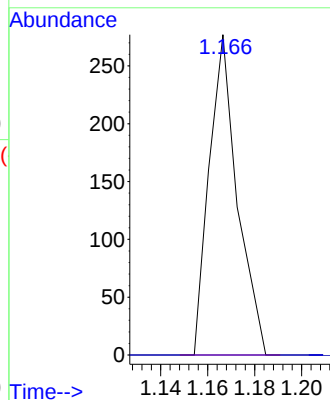
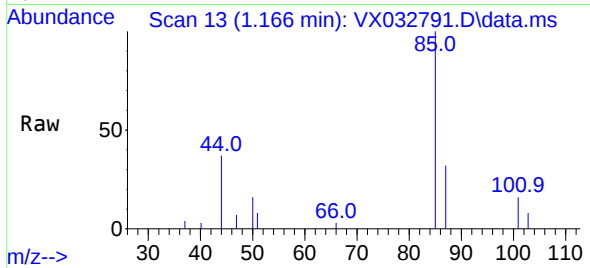




#3
Chloromethane
Concen: 0.240 ug/l
RT: 1.166 min Scan# 11
Delta R.T. -0.128 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

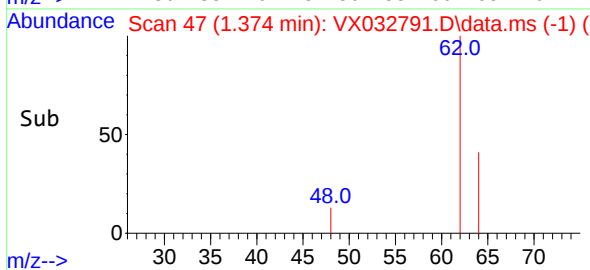
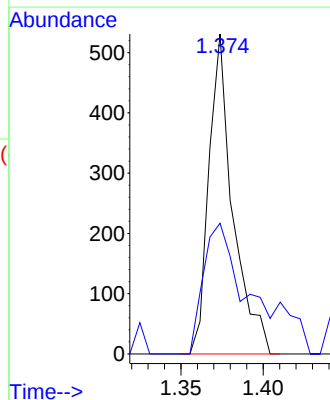
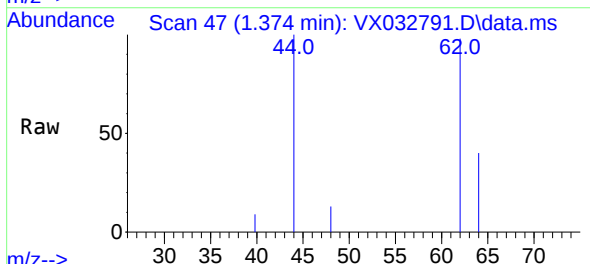
Instrument :
MSVOA_X
ClientSampleId :
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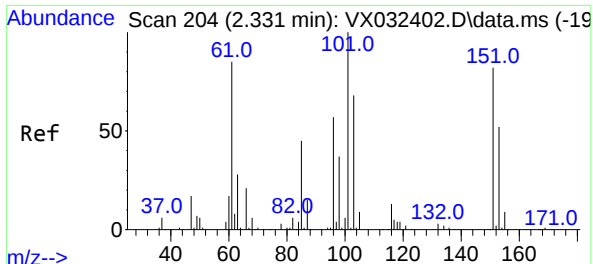
Tgt Ion: 50 Resp: 230
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



#4
Vinyl Chloride
Concen: 0.508 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

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

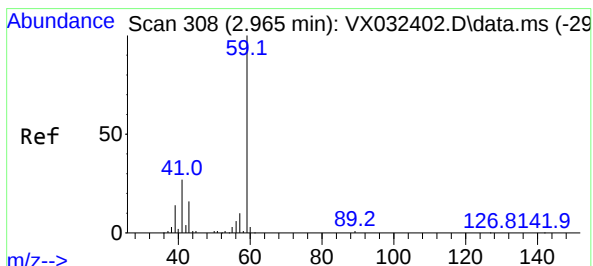
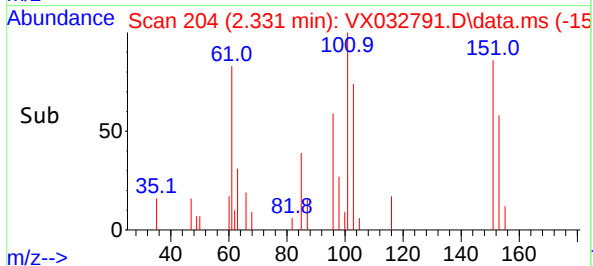
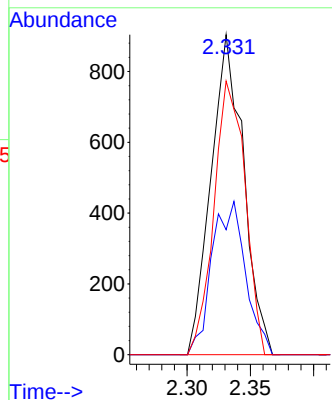
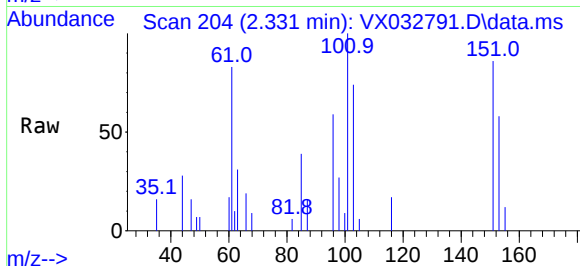




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.529 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

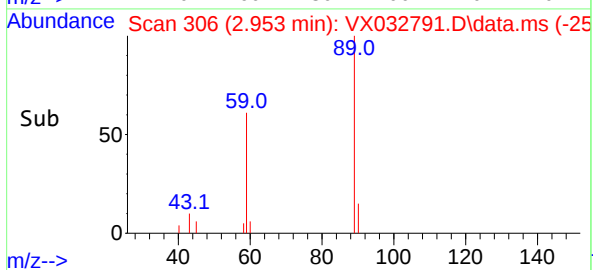
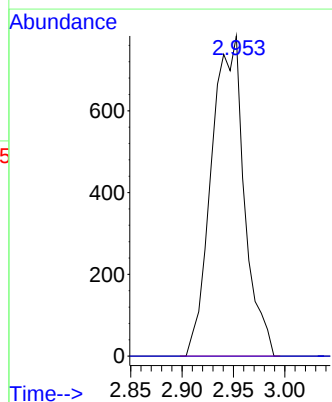
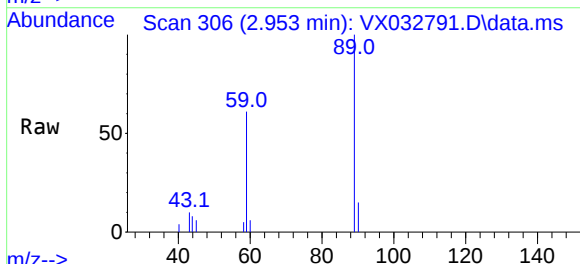
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109

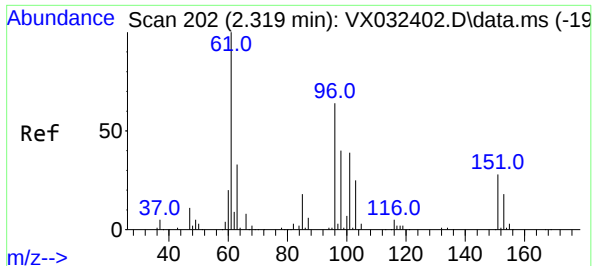
Tgt Ion:101 Resp: 1616
Ion Ratio Lower Upper
101 100
85 49.5 37.0 55.4
151 81.8 64.4 96.6



#11
Tert butyl alcohol
Concen: 8.731 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Tgt Ion: 59 Resp: 1738
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

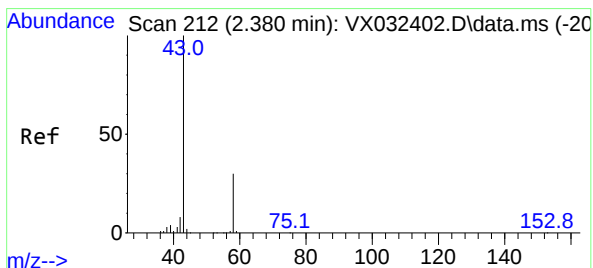
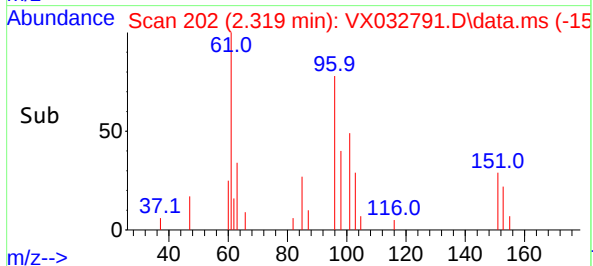
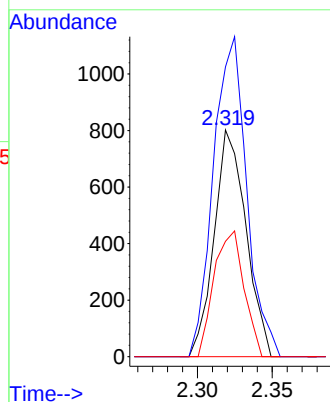
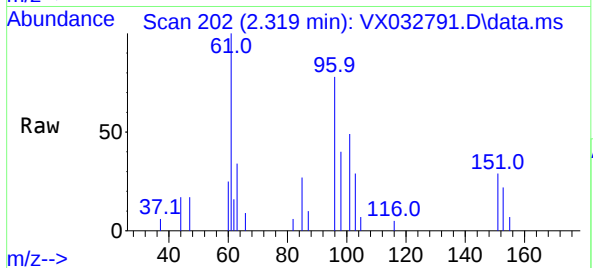




#12
1,1-Dichloroethene
Concen: 1.201 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

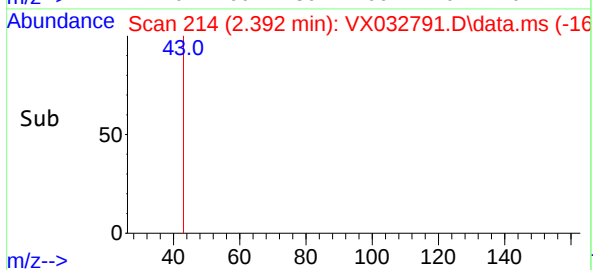
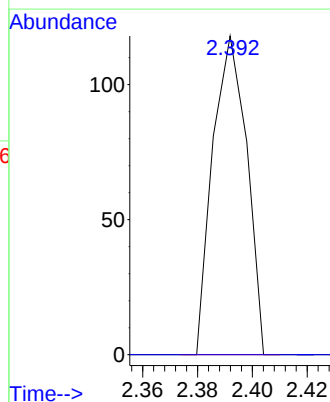
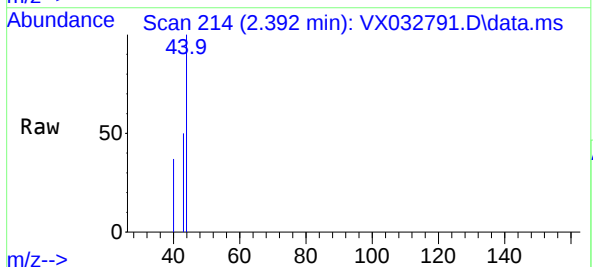
Instrument :
MSVOA_X
ClientSampleId :
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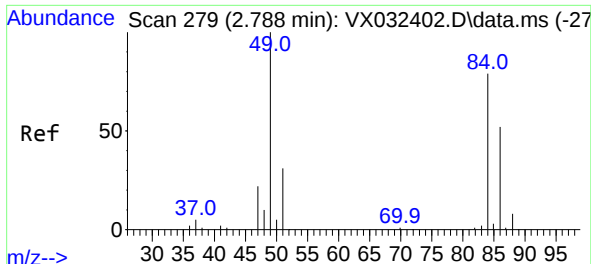
Tgt Ion: 96 Resp: 1186
Ion Ratio Lower Upper
96 100
61 127.8 125.1 187.7
98 50.9 50.6 76.0



#16
Acetone
Concen: 0.205 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#20

Methylene Chloride

Concen: 0.762 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032791.D

Acq: 14 Nov 2022 13:54

Instrument :

MSVOA_X

ClientSampleId :

29BR-20221109

Tgt Ion: 84 Resp: 868

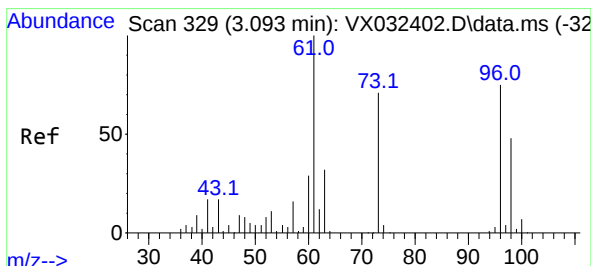
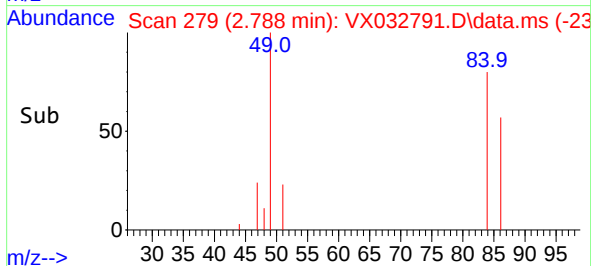
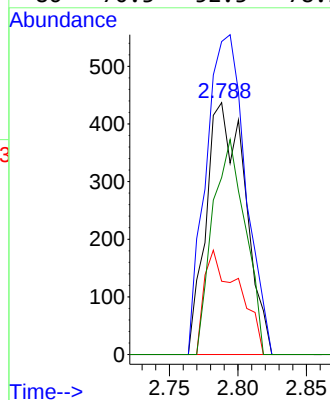
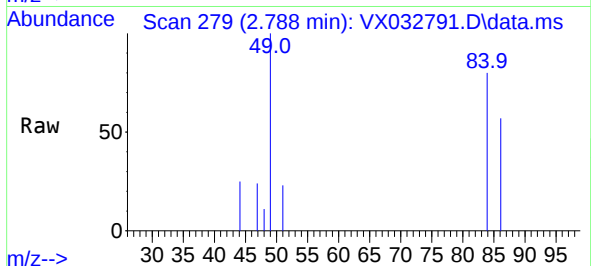
Ion Ratio Lower Upper

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# 328

Delta R.T. -0.006 min

Lab File: VX032791.D

Acq: 14 Nov 2022 13:54

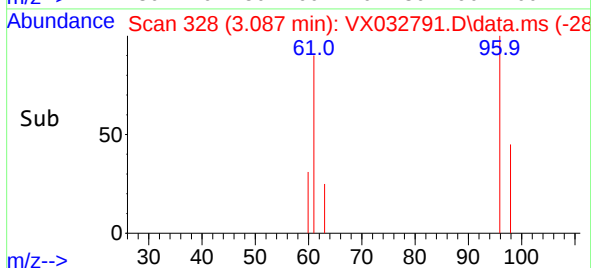
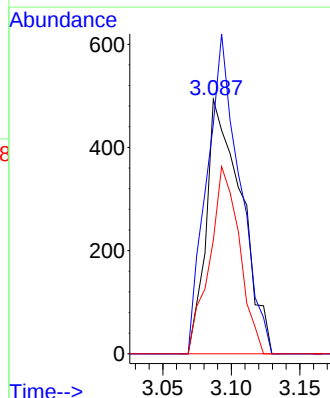
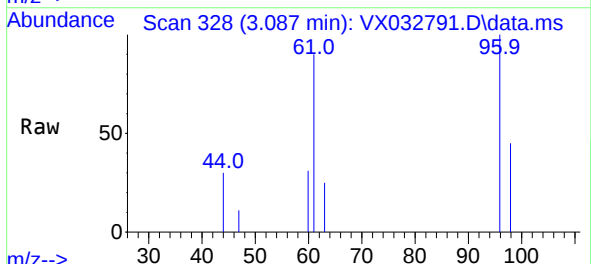
Tgt Ion: 96 Resp: 879

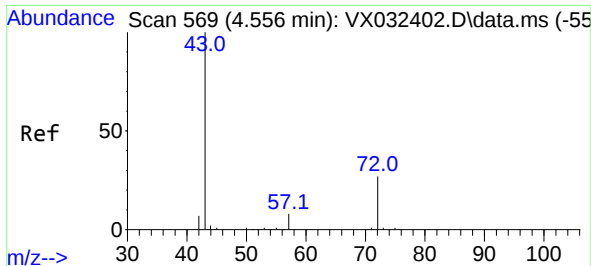
Ion Ratio Lower Upper

96 100

61 90.3 106.6 160.0#

98 44.6 51.0 76.6#

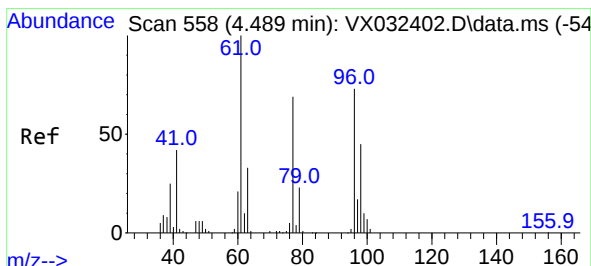
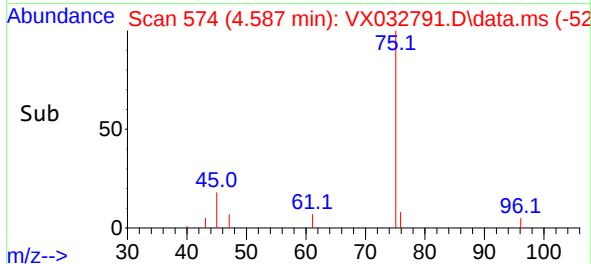
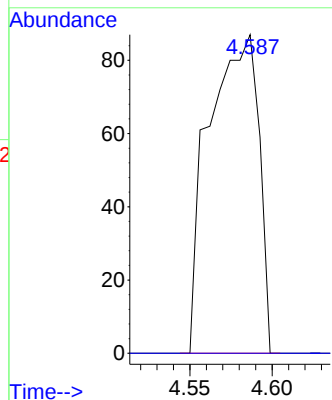
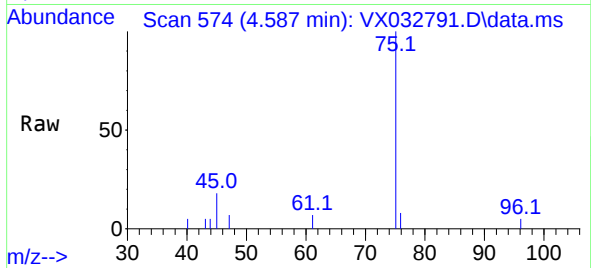




#25
2-Butanone
Concen: 0.238 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

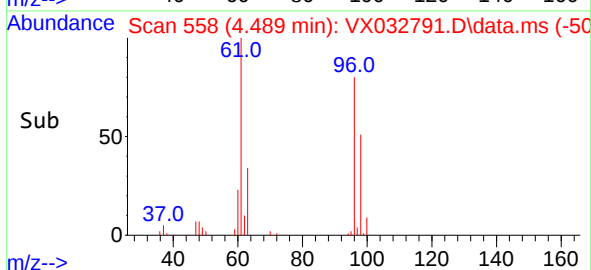
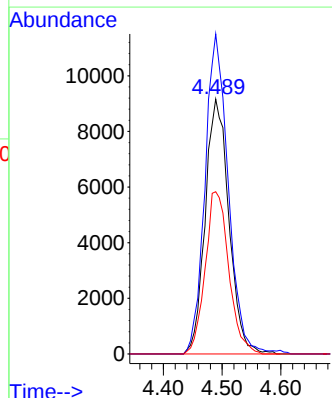
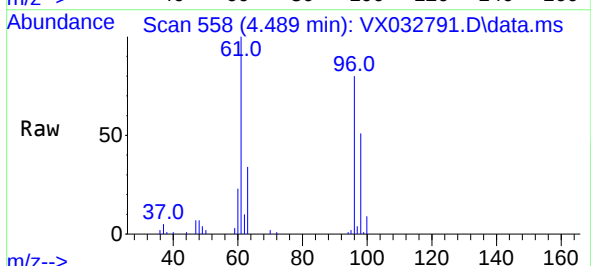
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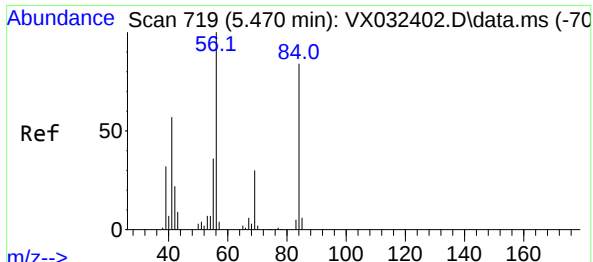
Tgt Ion: 43 Resp: 183
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#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

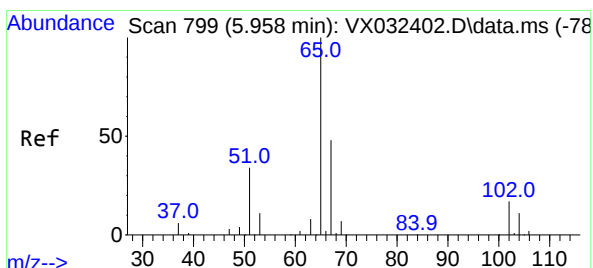
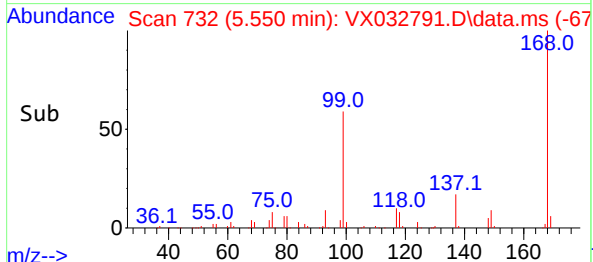
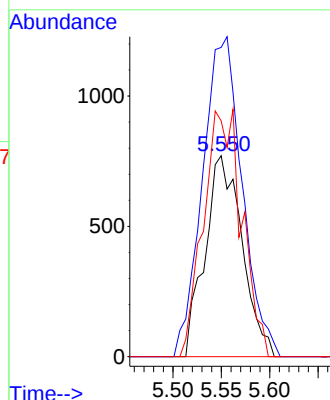
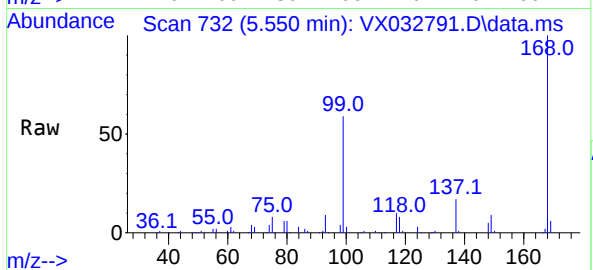




#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

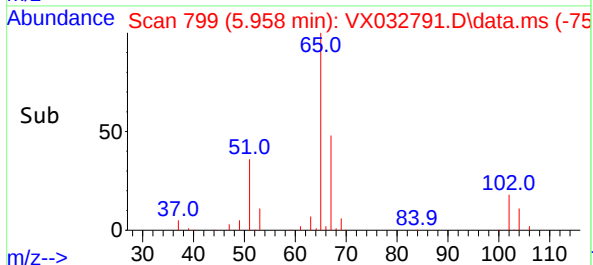
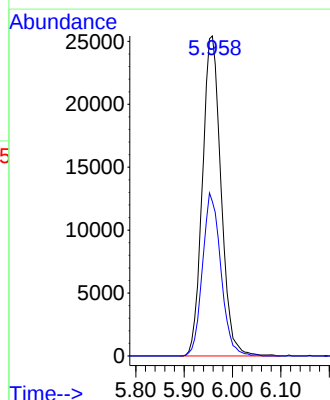
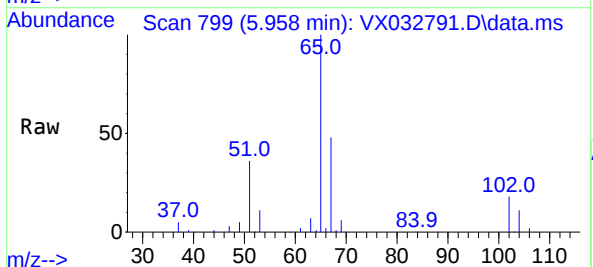
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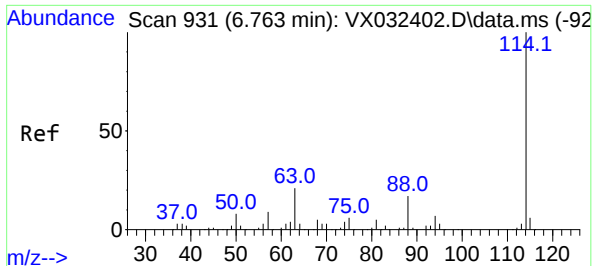
Tgt Ion: 56 Resp: 2053
Ion Ratio Lower Upper
56 100
69 154.0 24.1 36.1#
84 117.4 66.9 100.3#



#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

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

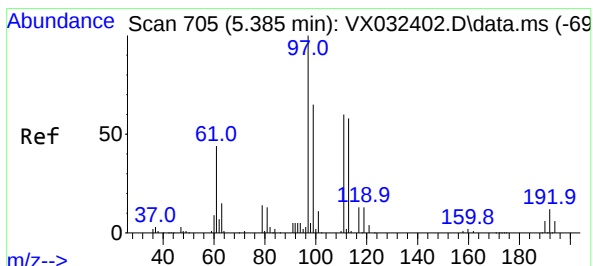
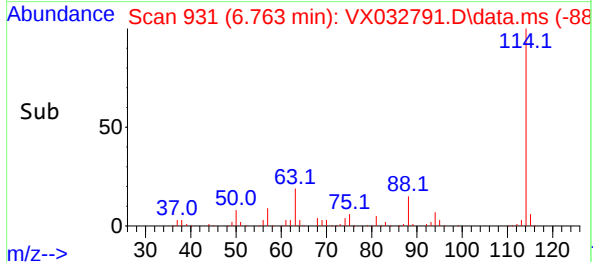
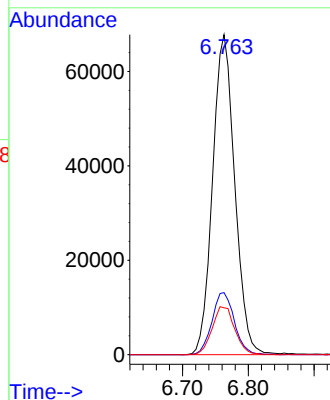
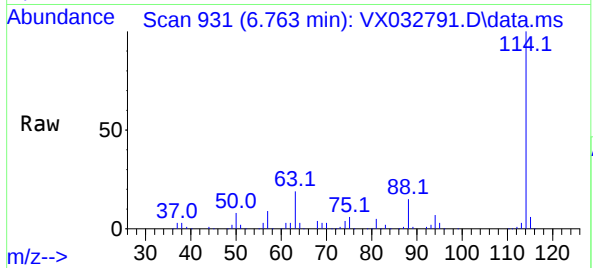




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

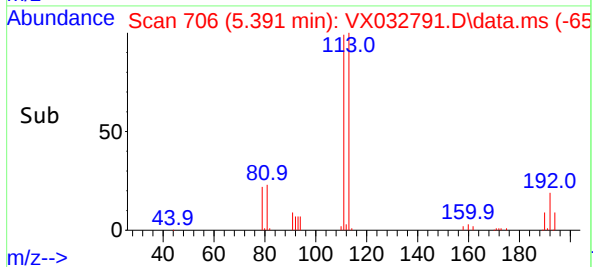
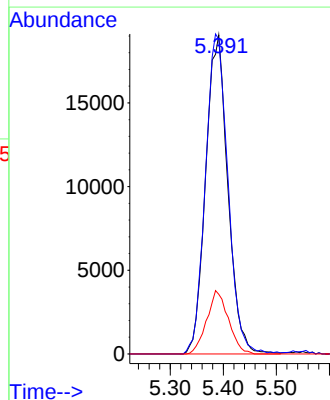
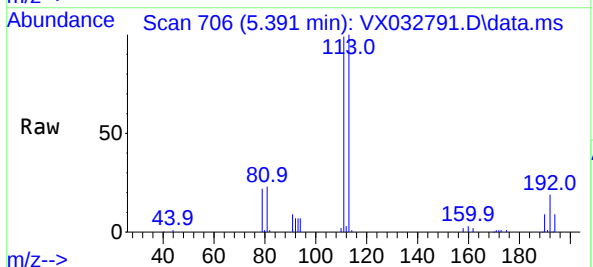
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109

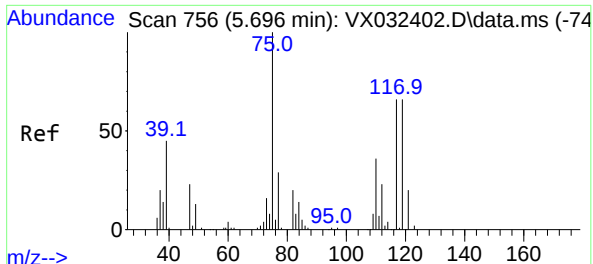
Tgt Ion:114 Resp: 159025
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 14.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.806 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

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

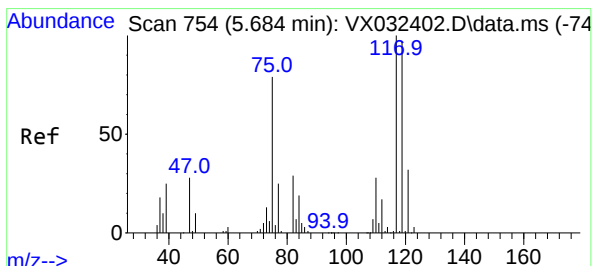
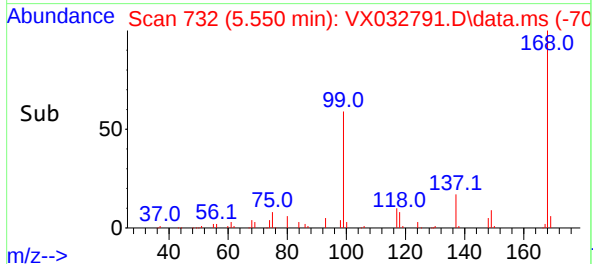
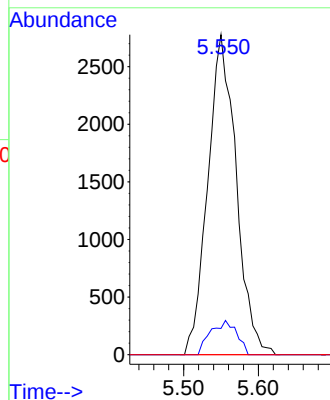
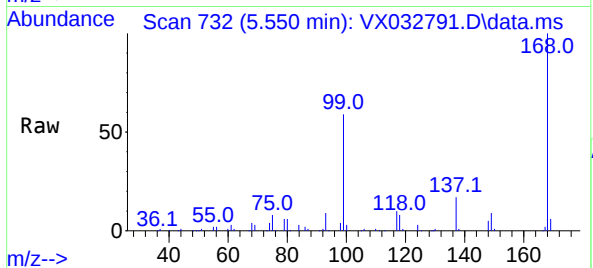




#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

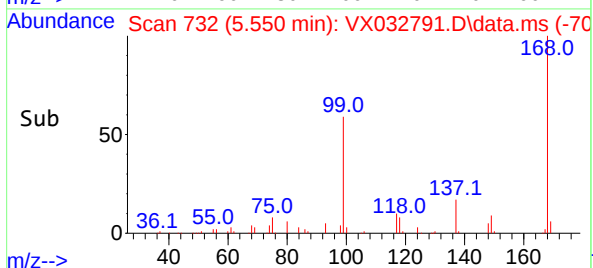
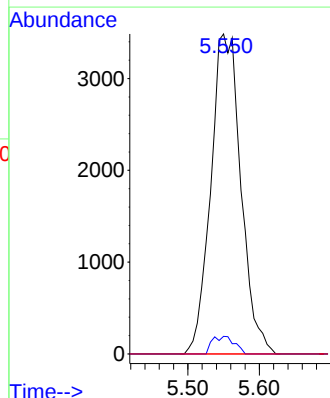
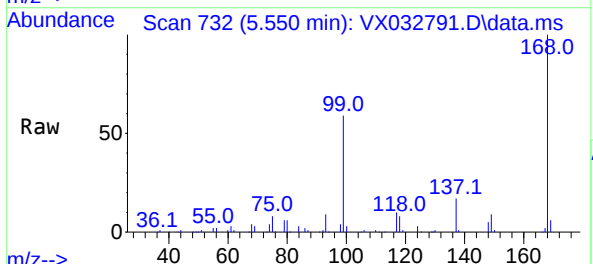
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109

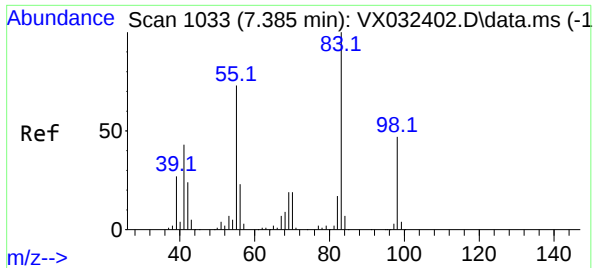
Tgt Ion: 75 Resp: 7331
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.818 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Tgt Ion: 117 Resp: 10194
Ion Ratio Lower Upper
117 100
119 5.5 77.2 115.8#
121 0.0 25.8 38.6#

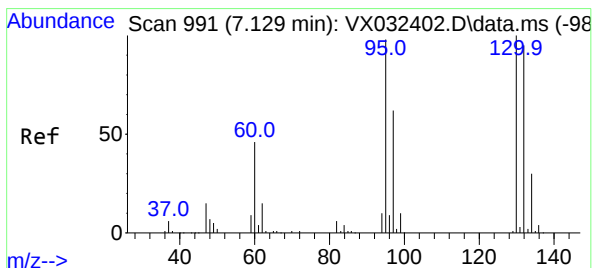
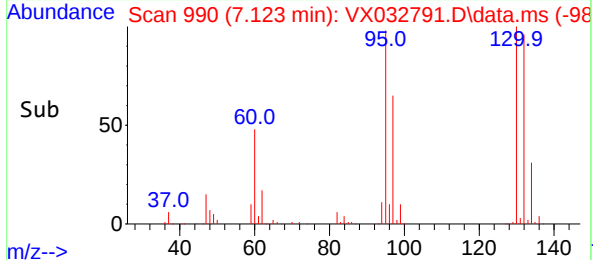
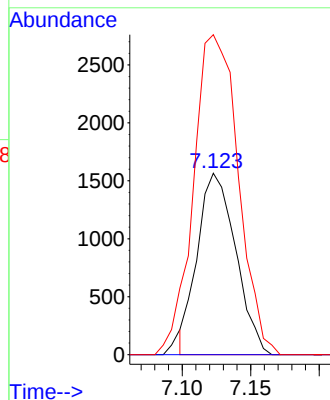
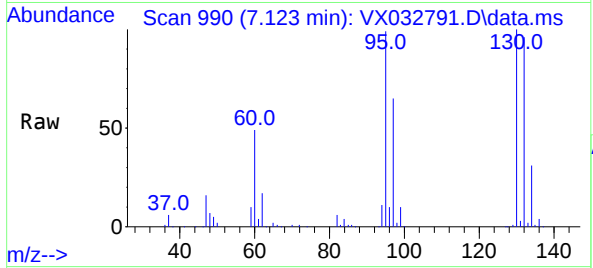




#39
Methylcyclohexane
Concen: 1.626 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.262 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

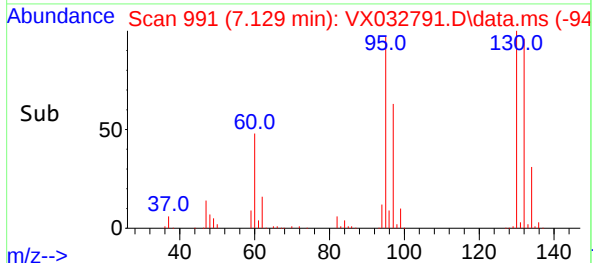
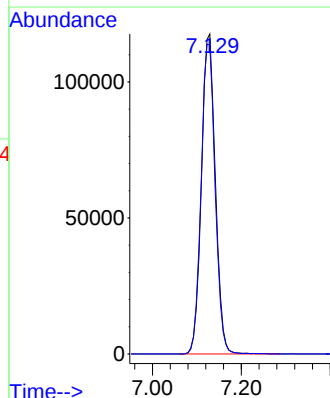
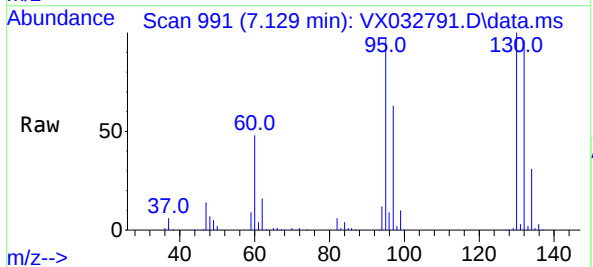
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109

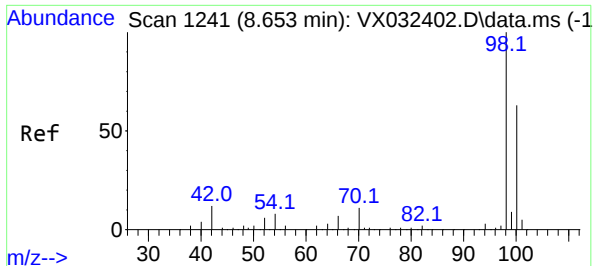
Tgt Ion: 83 Resp: 3038
Ion Ratio Lower Upper
83 100
55 0.0 58.4 87.6#
98 176.4 37.2 55.8#



#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

Instrument :

MSVOA_X

ClientSampleId :

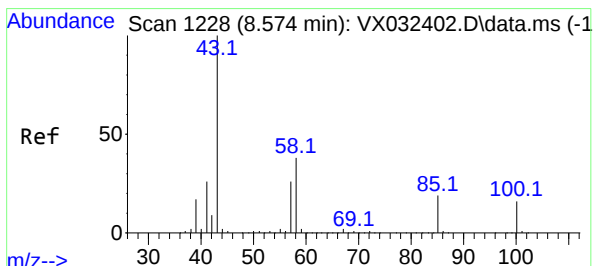
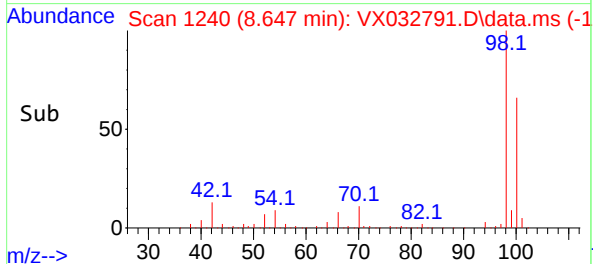
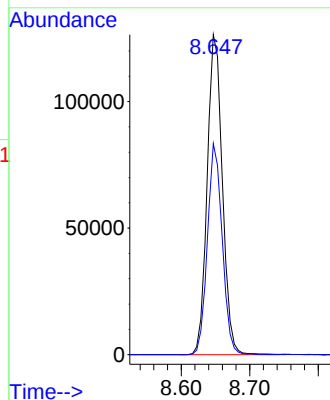
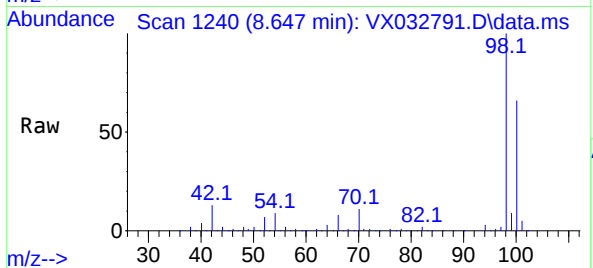
29BR-20221109

Tgt Ion: 98 Resp: 195061

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.541 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032791.D

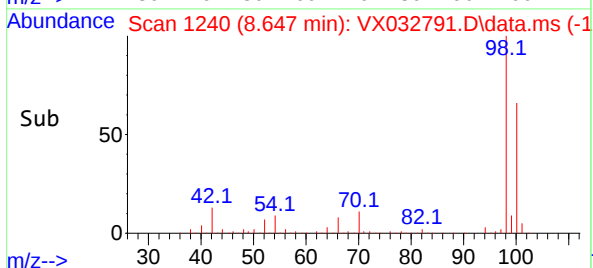
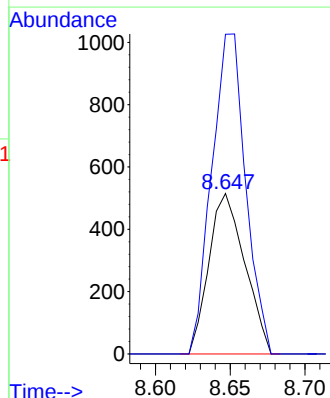
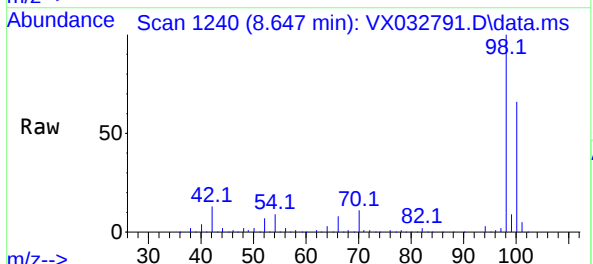
Acq: 14 Nov 2022 13:54

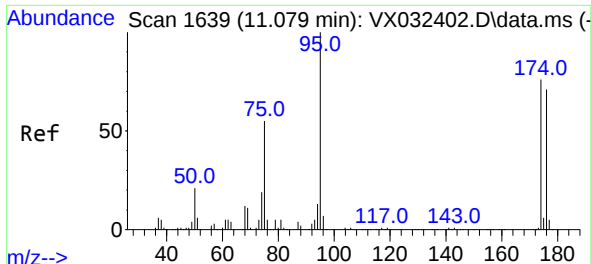
Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

58 188.8 30.9 46.3#

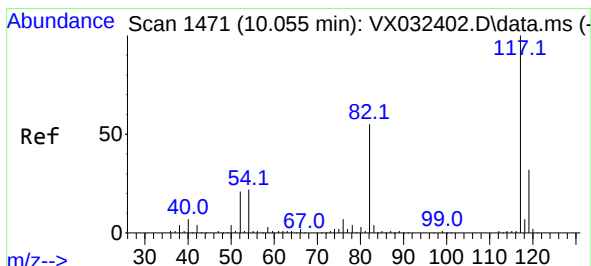
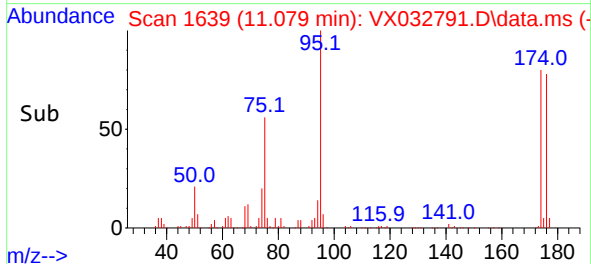
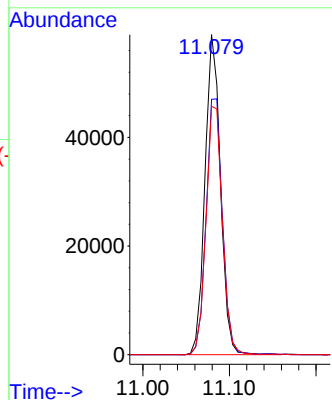
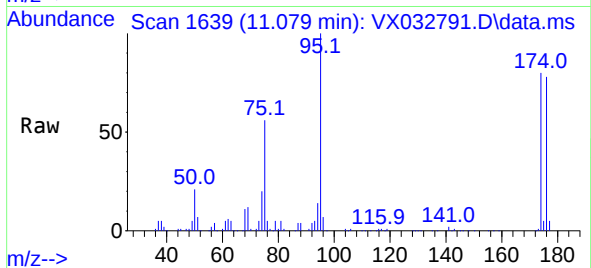




#62
4-Bromofluorobenzene
Concen: 47.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

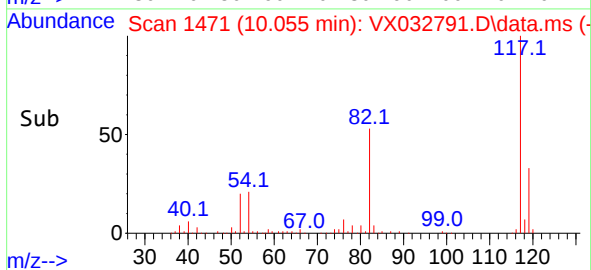
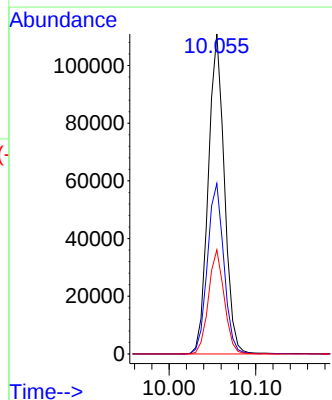
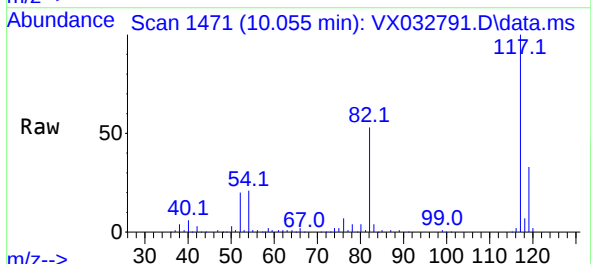
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109

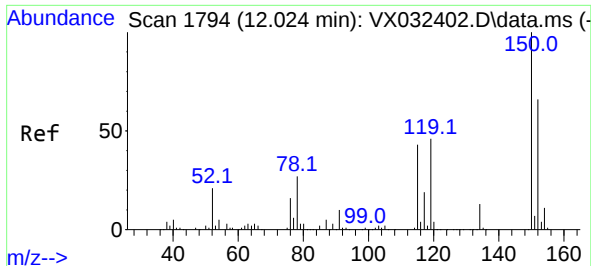
Tgt Ion: 95 Resp: 72993
Ion Ratio Lower Upper
95 100
174 84.6 0.0 164.0
176 82.2 0.0 154.4



#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

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

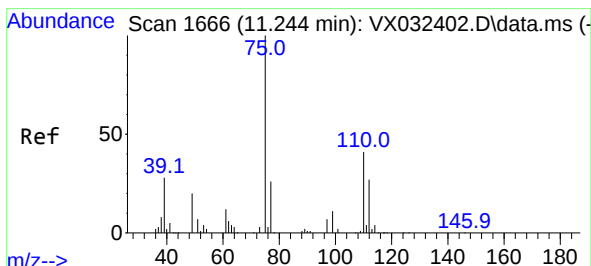
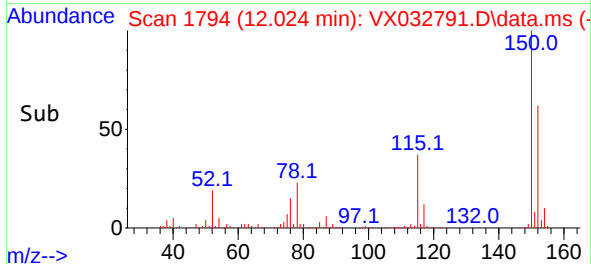
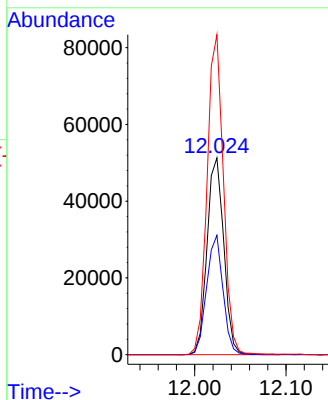
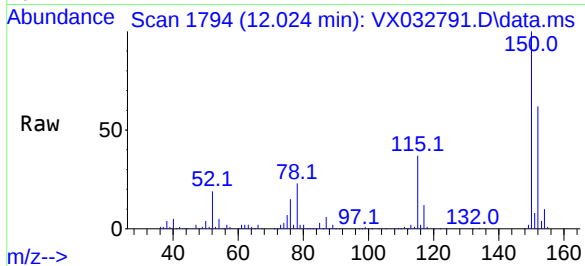




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

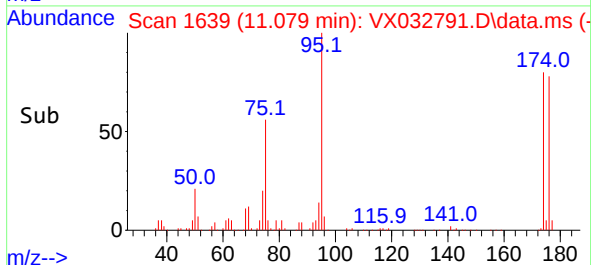
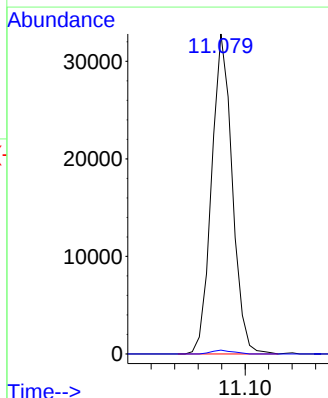
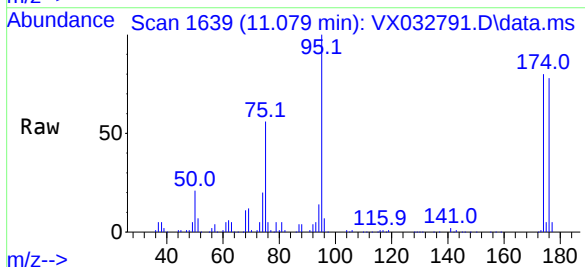
Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109

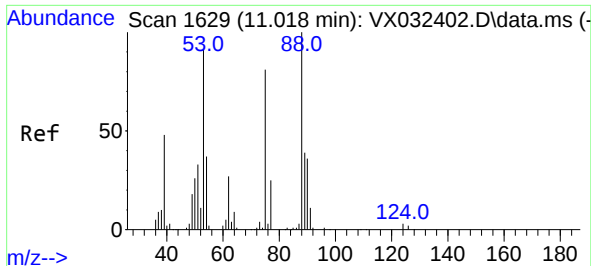
Tgt Ion:152 Resp: 65234
Ion Ratio Lower Upper
152 100
115 59.4 44.0 132.0
150 158.2 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.578 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

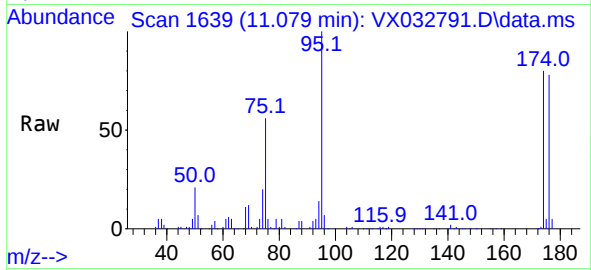
Tgt Ion: 75 Resp: 40024
Ion Ratio Lower Upper
75 100
77 1.2 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.754 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX032791.D
Acq: 14 Nov 2022 13:54

Instrument :
MSVOA_X
ClientSampleId :
29BR-20221109



Tgt Ion: 75 Resp: 40024
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

