

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032264.D
 Acq On : 20 Oct 2022 15:43
 Operator : JC/MD
 Sample : N5210-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MID1022

Quant Time: Oct 21 01:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

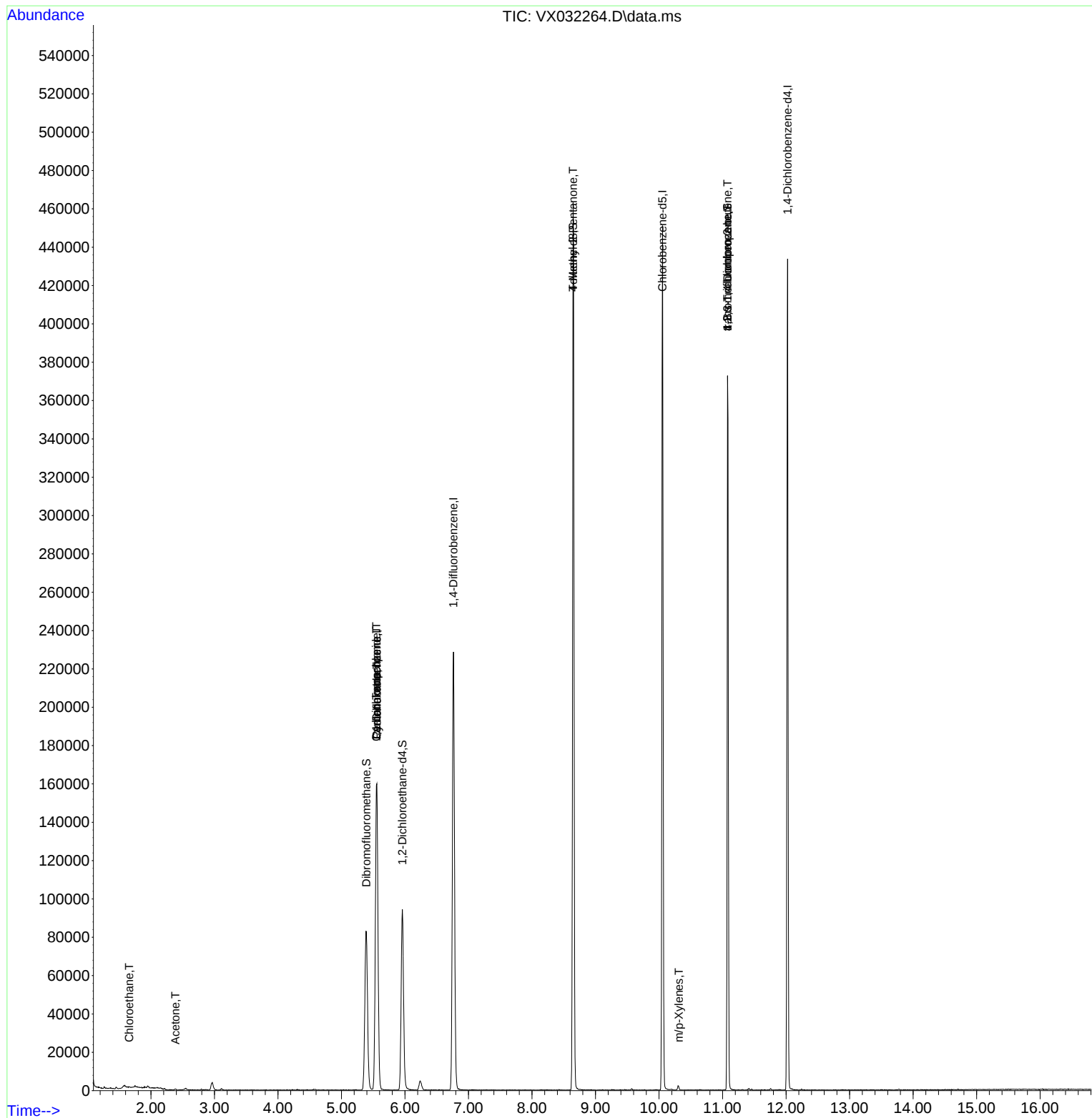
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	150704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94357	48.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.260%
35) Dibromofluoromethane	5.391	113	72754	45.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.020%
50) Toluene-d8	8.647	98	271843	47.244	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.480%
62) 4-Bromofluorobenzene	11.079	95	93259	44.261	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	33	Below Cal	#	44
6) Chloroethane	1.654	64	98	2.016	ug/l #	41
11) Tert butyl alcohol	2.965	59	4509	Below Cal	#	92
16) Acetone	2.386	43	571	0.897	ug/l #	85
31) Cyclohexane	5.556	56	3290	1.468	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	12155	5.911	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15724	7.244	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1370	0.692	ug/l #	1
68) m/p-Xylenes	10.311	106	612	0.220	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	51260	29.746	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	51260	91.051	ug/l #	6

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

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MID1022

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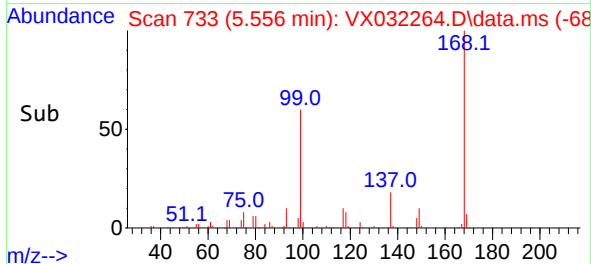
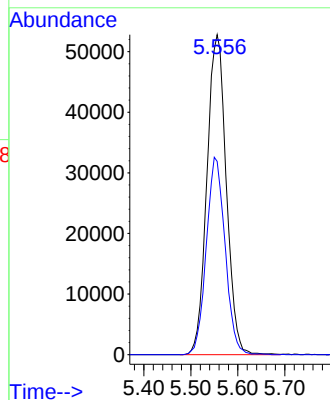
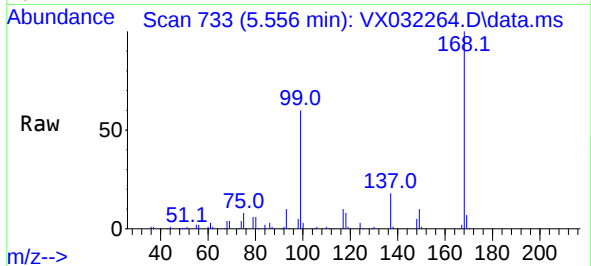




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

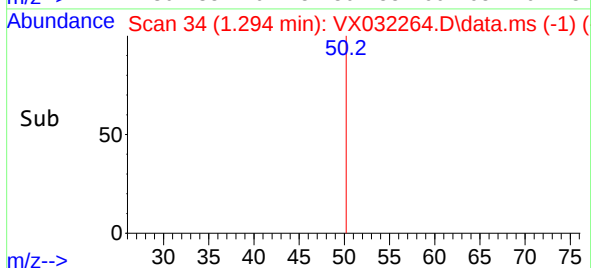
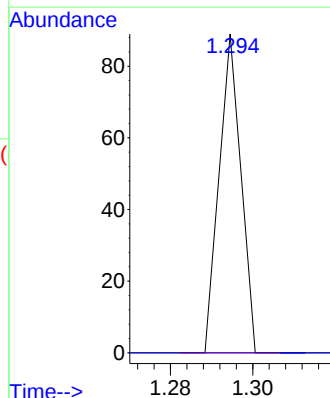
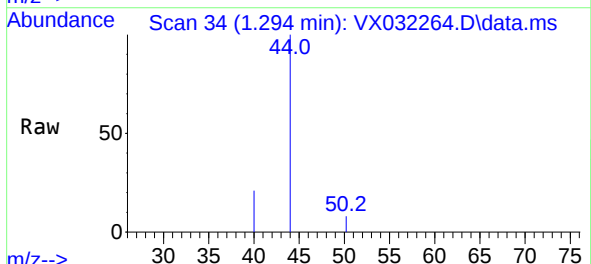
Instrument :
MSVOA_X
ClientSampleId :
MID1022

Tgt Ion:168 Resp: 150704
Ion Ratio Lower Upper
168 100
99 60.4 44.8 67.2

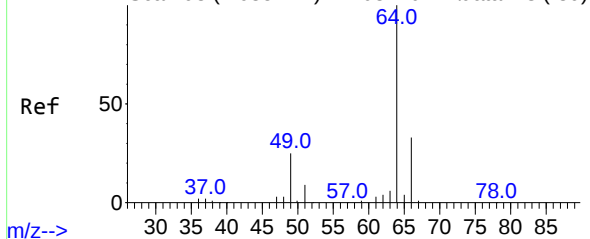


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

Tgt Ion: 50 Resp: 33
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



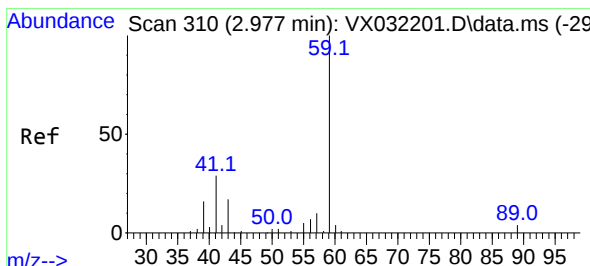
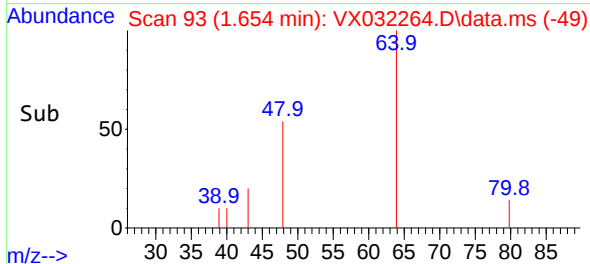
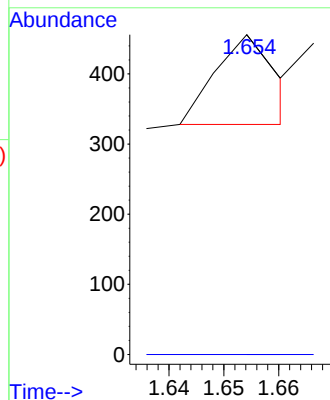
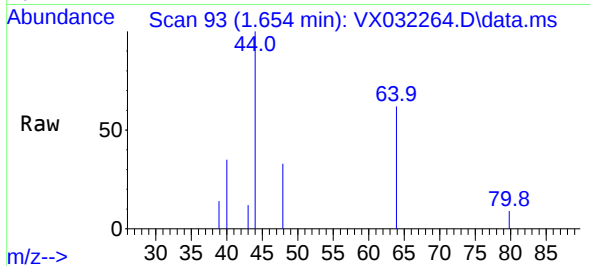
Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6
Chloroethane
Concen: 2.016 ug/l
RT: 1.654 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

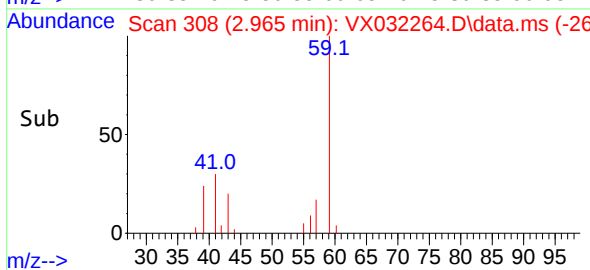
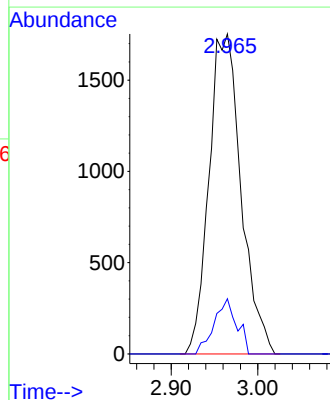
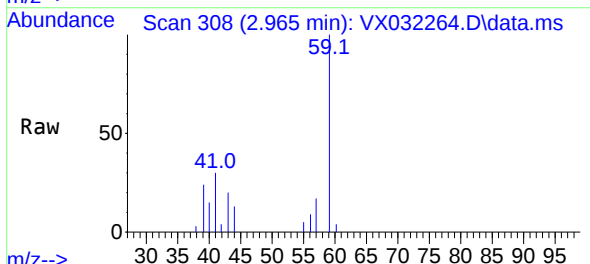
Instrument :
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ClientSampleId :
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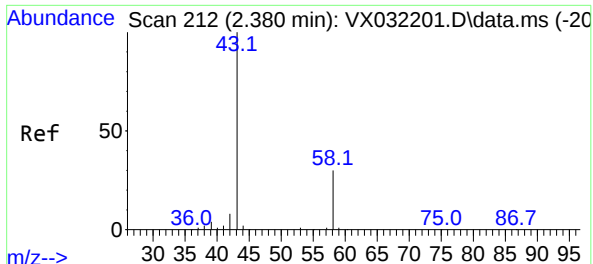
Tgt Ion: 64 Resp: 98
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

Tgt Ion: 59 Resp: 4509
Ion Ratio Lower Upper
59 100
57 12.2 7.5 11.3#

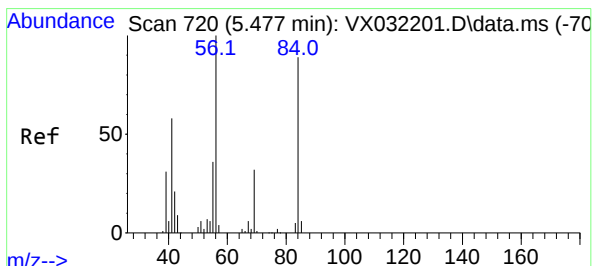
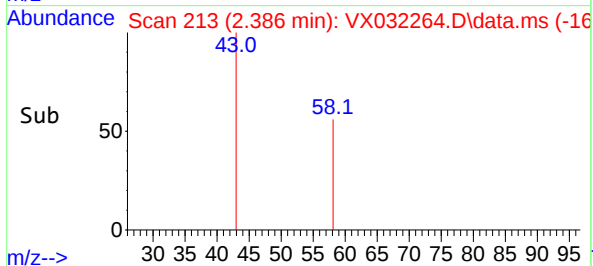
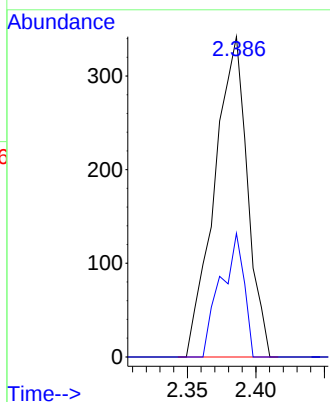
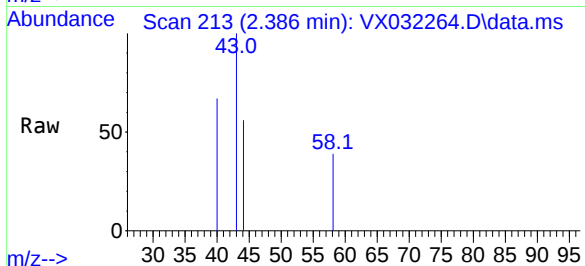




#16
Acetone
Concen: 0.897 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

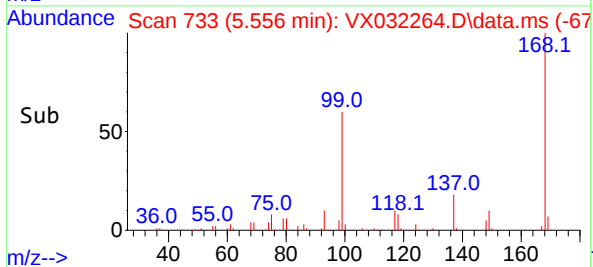
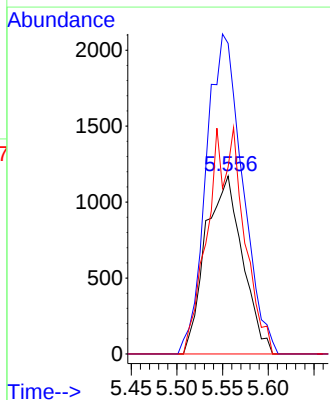
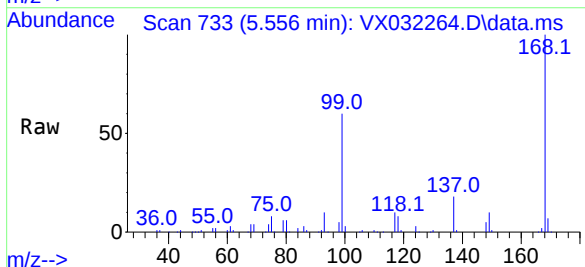
Instrument :
MSVOA_X
ClientSampleId :
MID1022

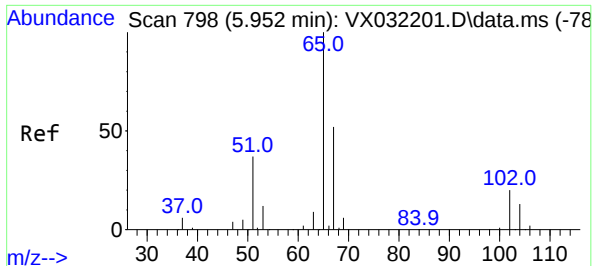
Tgt Ion: 43 Resp: 571
Ion Ratio Lower Upper
43 100
58 38.6 24.2 36.2#



#31
Cyclohexane
Concen: 1.468 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

Tgt Ion: 56 Resp: 3290
Ion Ratio Lower Upper
56 100
69 174.5 25.4 38.0#
84 105.0 71.2 106.8





#33

1,2-Dichloroethane-d4

Concen: 48.129 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032264.D

Acq: 20 Oct 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

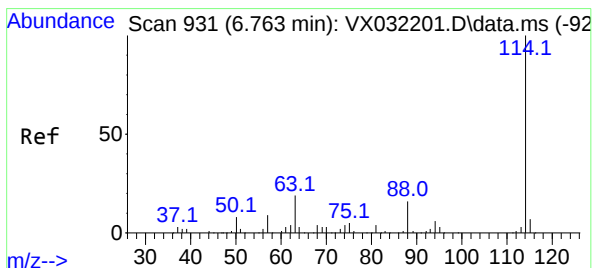
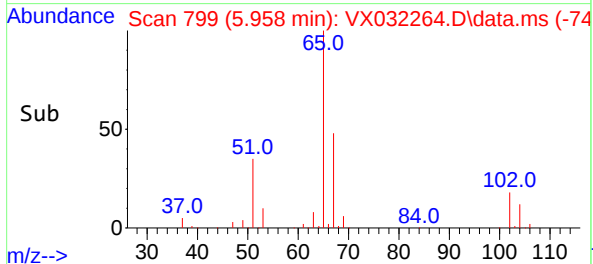
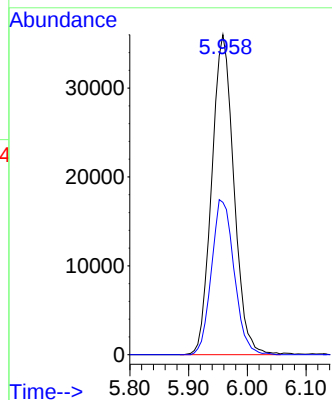
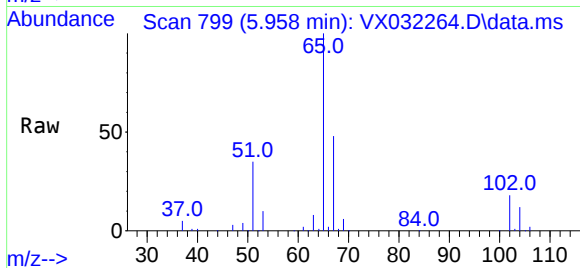
MID1022

Tgt Ion: 65 Resp: 94357

Ion Ratio Lower Upper

65 100

67 49.6 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032264.D

Acq: 20 Oct 2022 15:43

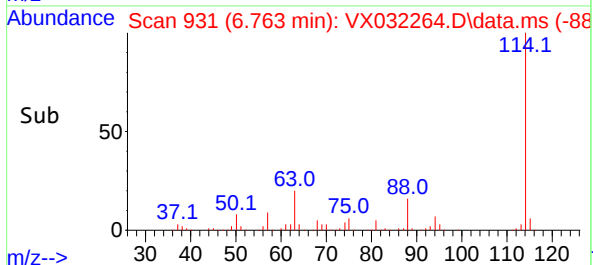
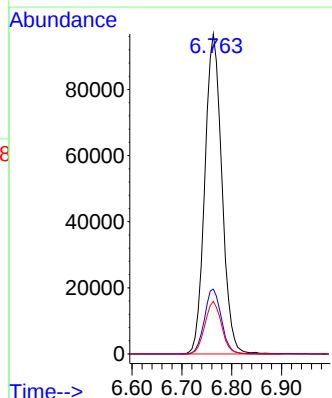
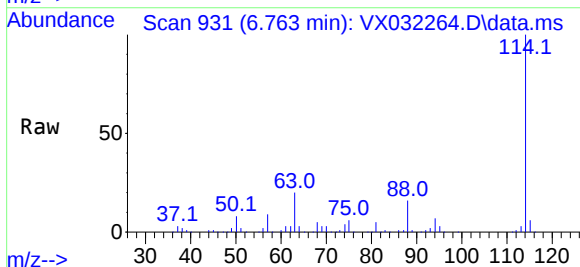
Tgt Ion: 114 Resp: 229711

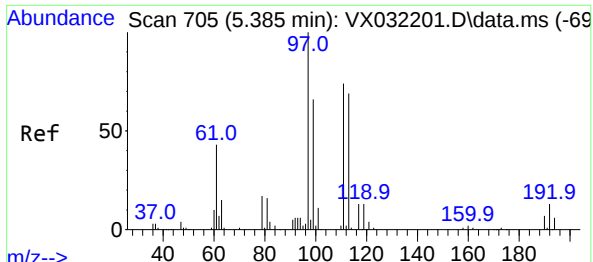
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

88 16.4 0.0 32.6

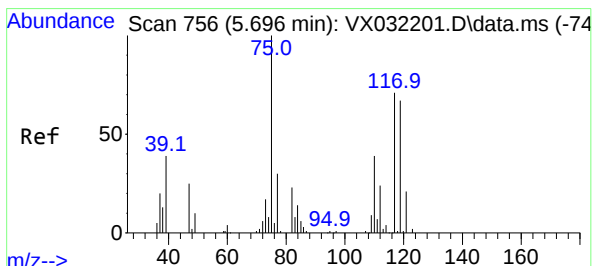
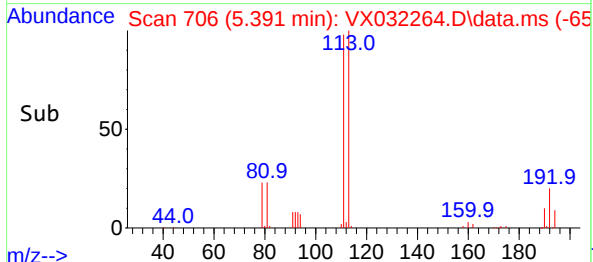
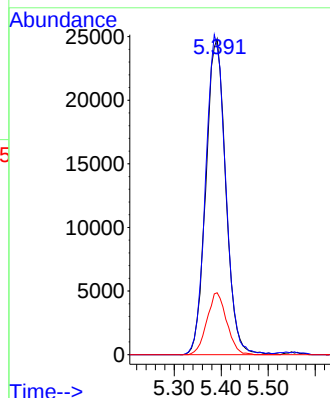
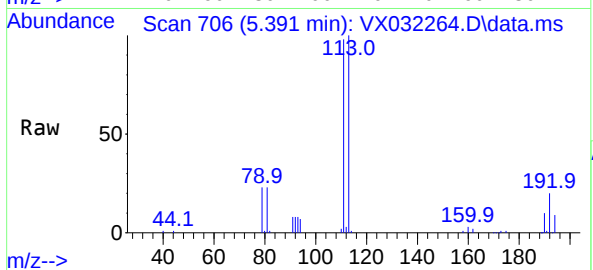




#35
Dibromofluoromethane
Concen: 45.514 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

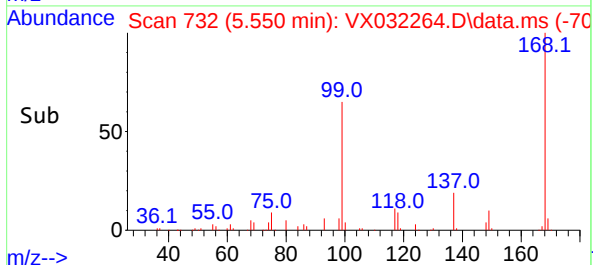
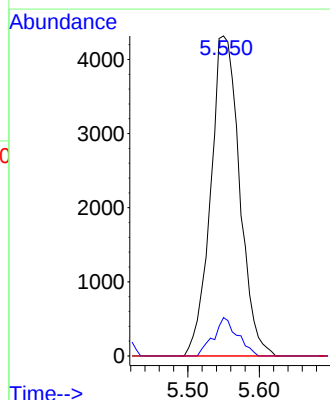
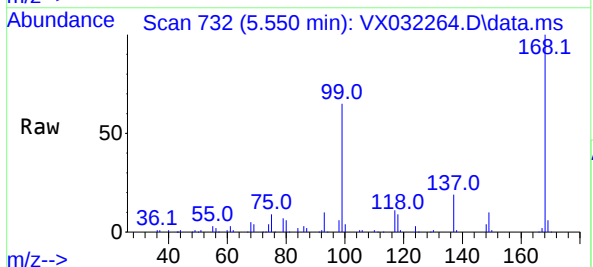
Instrument :
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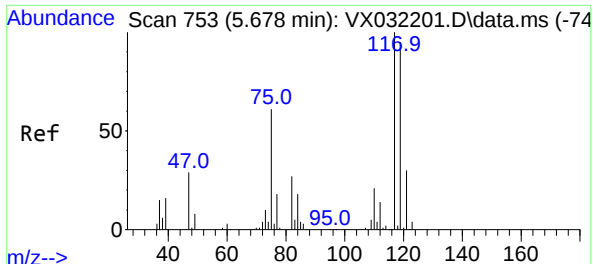
Tgt Ion:113 Resp: 72754
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 19.5 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.911 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

Tgt Ion: 75 Resp: 12155
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.0#
77 0.0 24.7 37.1#

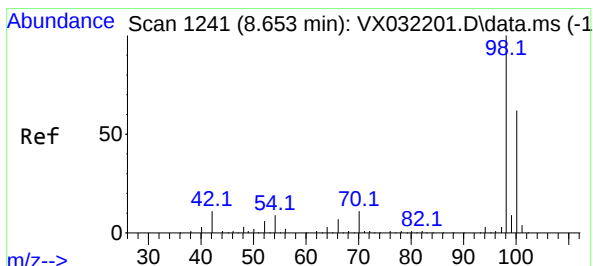
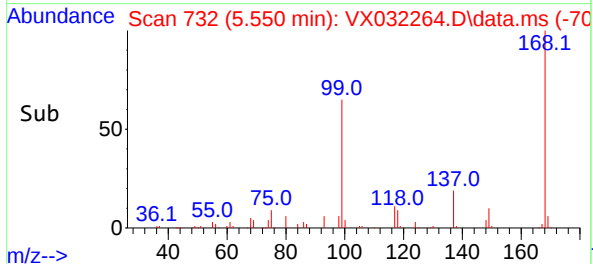
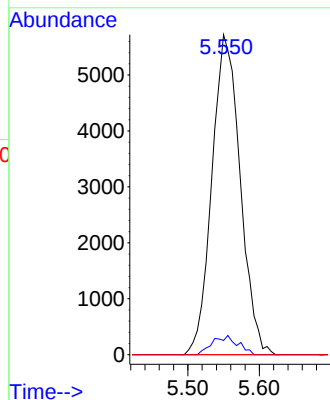
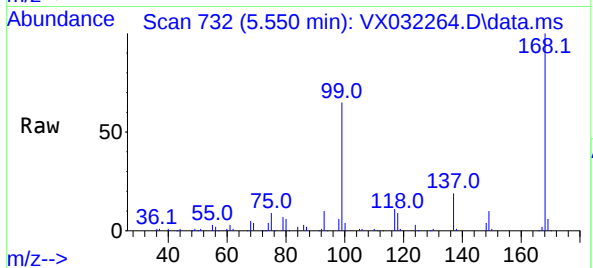




#38
Carbon Tetrachloride
Concen: 7.244 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

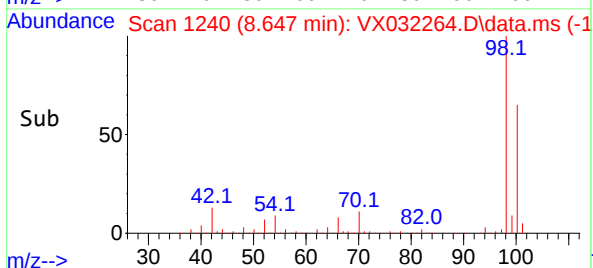
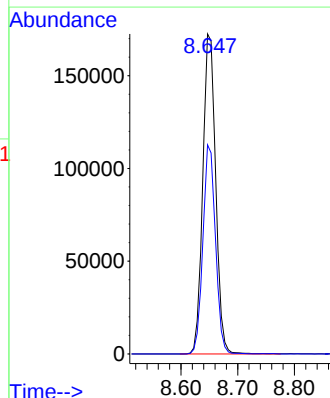
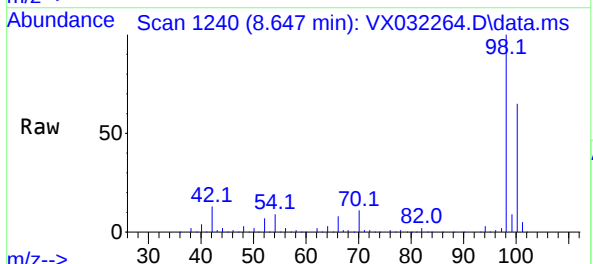
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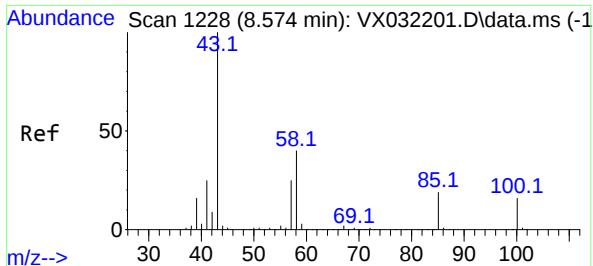
Tgt Ion:117 Resp: 15724
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 47.244 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

Tgt Ion: 98 Resp: 271843
Ion Ratio Lower Upper
98 100
100 63.8 50.7 76.1

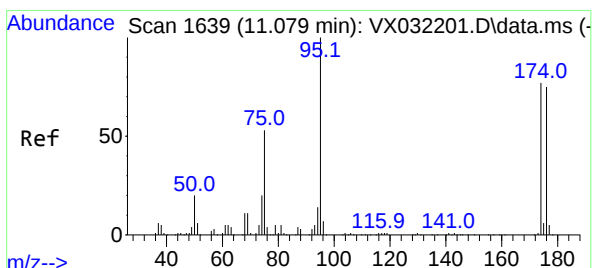
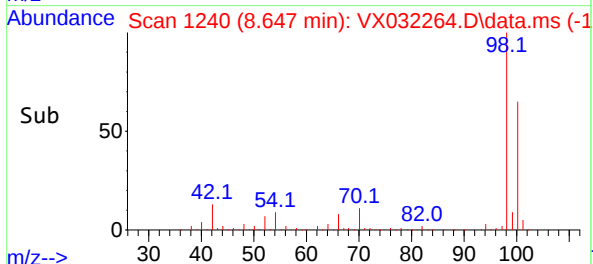
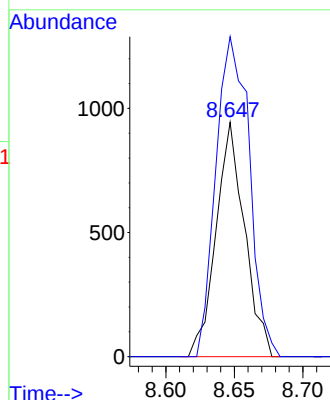
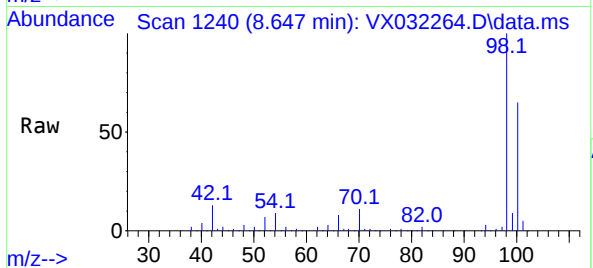




#51
4-Methyl-2-Pentanone
Concen: 0.692 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

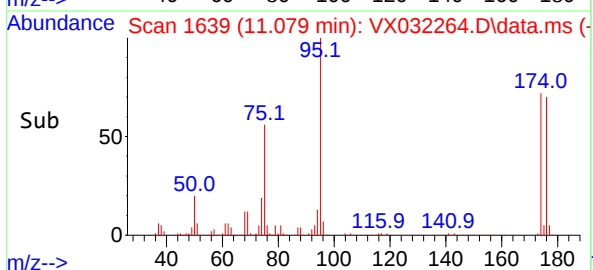
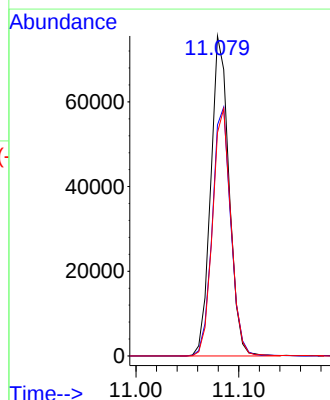
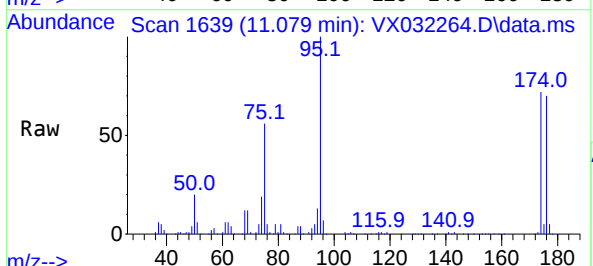
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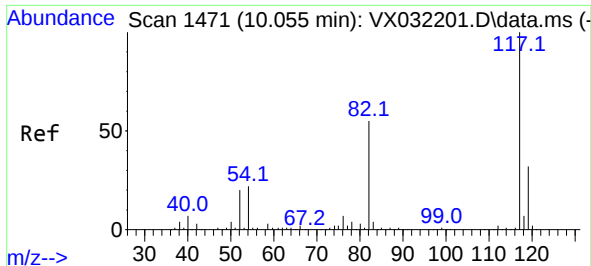
Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 159.6 31.0 46.4#



#62
4-Bromofluorobenzene
Concen: 44.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

Tgt Ion: 95 Resp: 93259
Ion Ratio Lower Upper
95 100
174 78.7 0.0 166.8
176 77.5 0.0 161.4

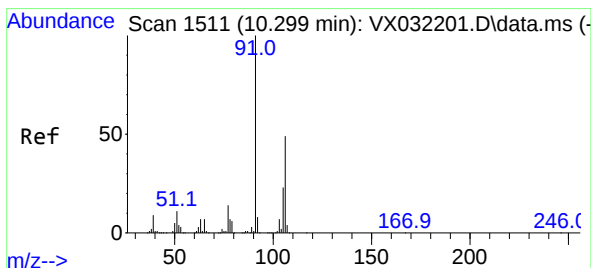
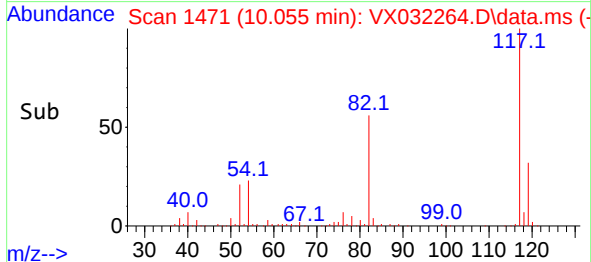
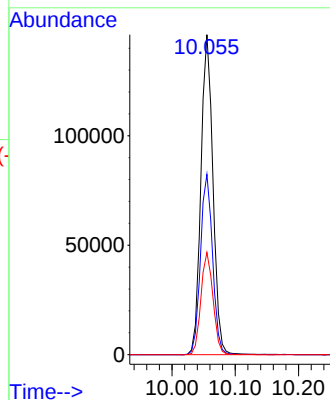
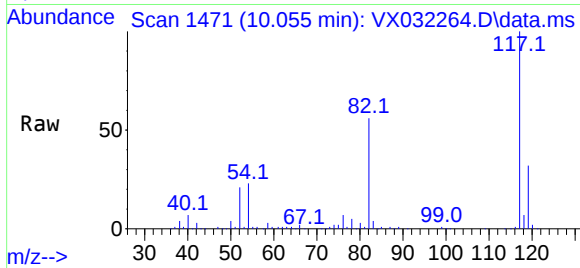




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

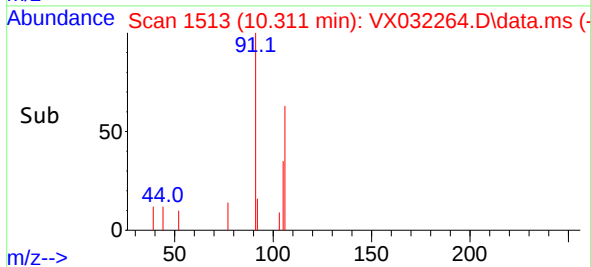
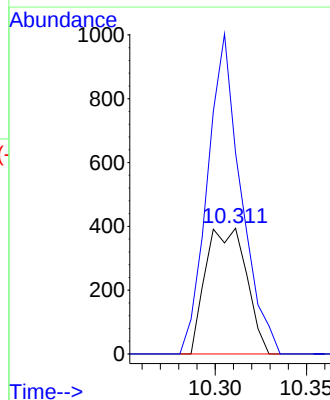
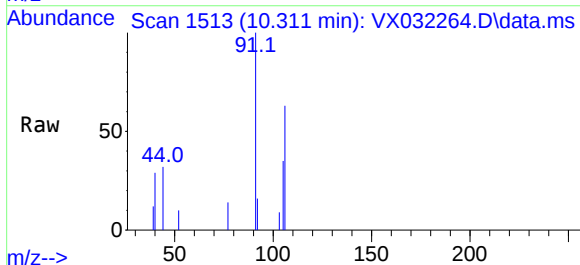
Instrument :
MSVOA_X
ClientSampleId :
MID1022

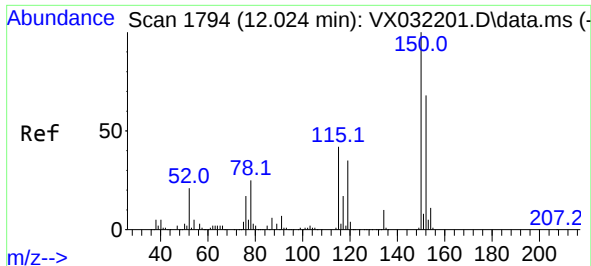
Tgt Ion:117 Resp: 193974
Ion Ratio Lower Upper
117 100
82 56.3 44.2 66.4
119 31.9 25.8 38.8



#68
m/p-Xylenes
Concen: 0.220 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.012 min
Lab File: VX032264.D
Acq: 20 Oct 2022 15:43

Tgt Ion:106 Resp: 612
Ion Ratio Lower Upper
106 100
91 208.8 162.6 244.0

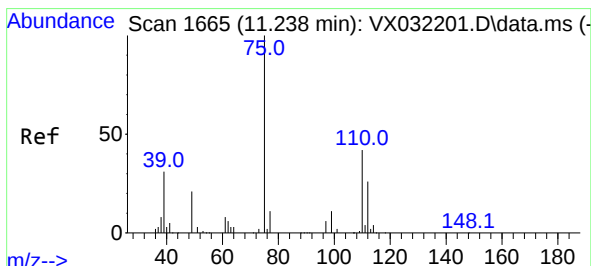
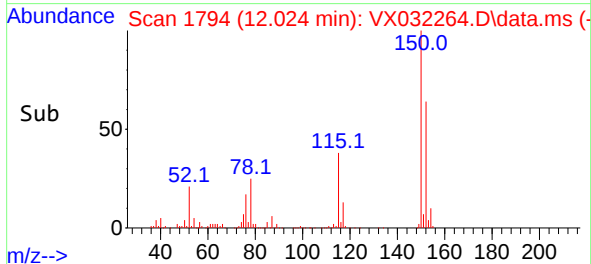
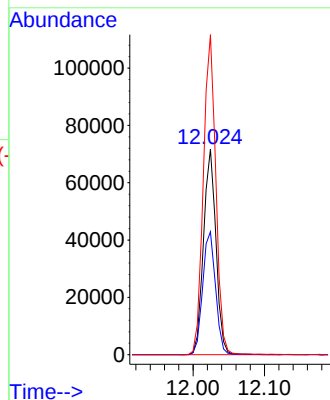
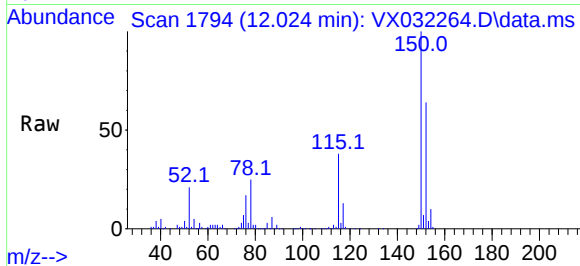




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032264.D
 Acq: 20 Oct 2022 15:43

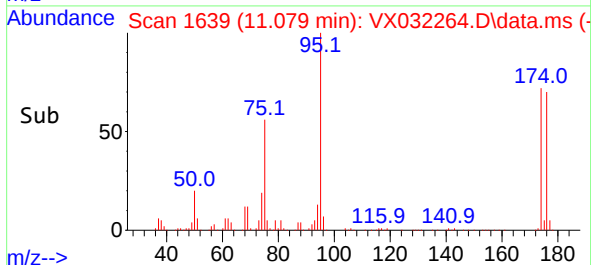
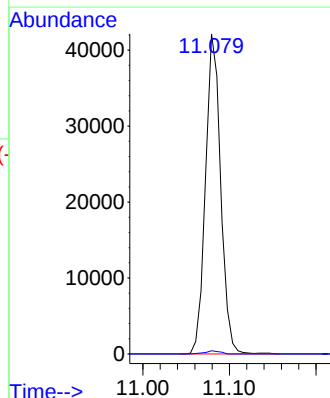
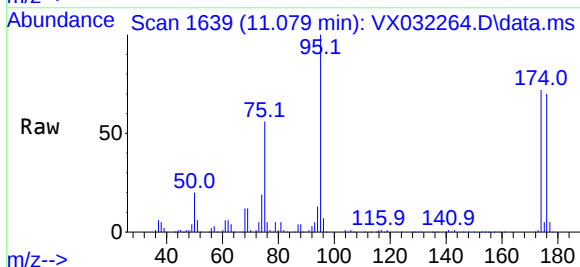
Instrument :
 MSVOA_X
 ClientSampleId :
 MID1022

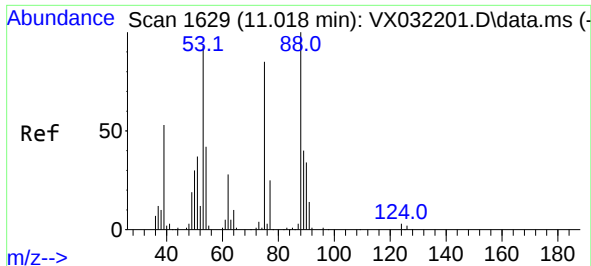
Tgt Ion:152 Resp: 86971
 Ion Ratio Lower Upper
 152 100
 115 61.8 43.1 129.4
 150 155.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 29.746 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032264.D
 Acq: 20 Oct 2022 15:43

Tgt Ion: 75 Resp: 51260
 Ion Ratio Lower Upper
 75 100
 77 1.0 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.051 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032264.D
 Acq: 20 Oct 2022 15:43

Instrument :
 MSVOA_X
 ClientSampleId :
 MID1022

Tgt Ion: 75 Resp: 51260
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.1 37.8 56.8#

