

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031207.D
 Acq On : 08 Sep 2022 12:40
 Operator : JC/MD
 Sample : N4373-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20220825RE

Quant Time: Sep 08 14:01:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

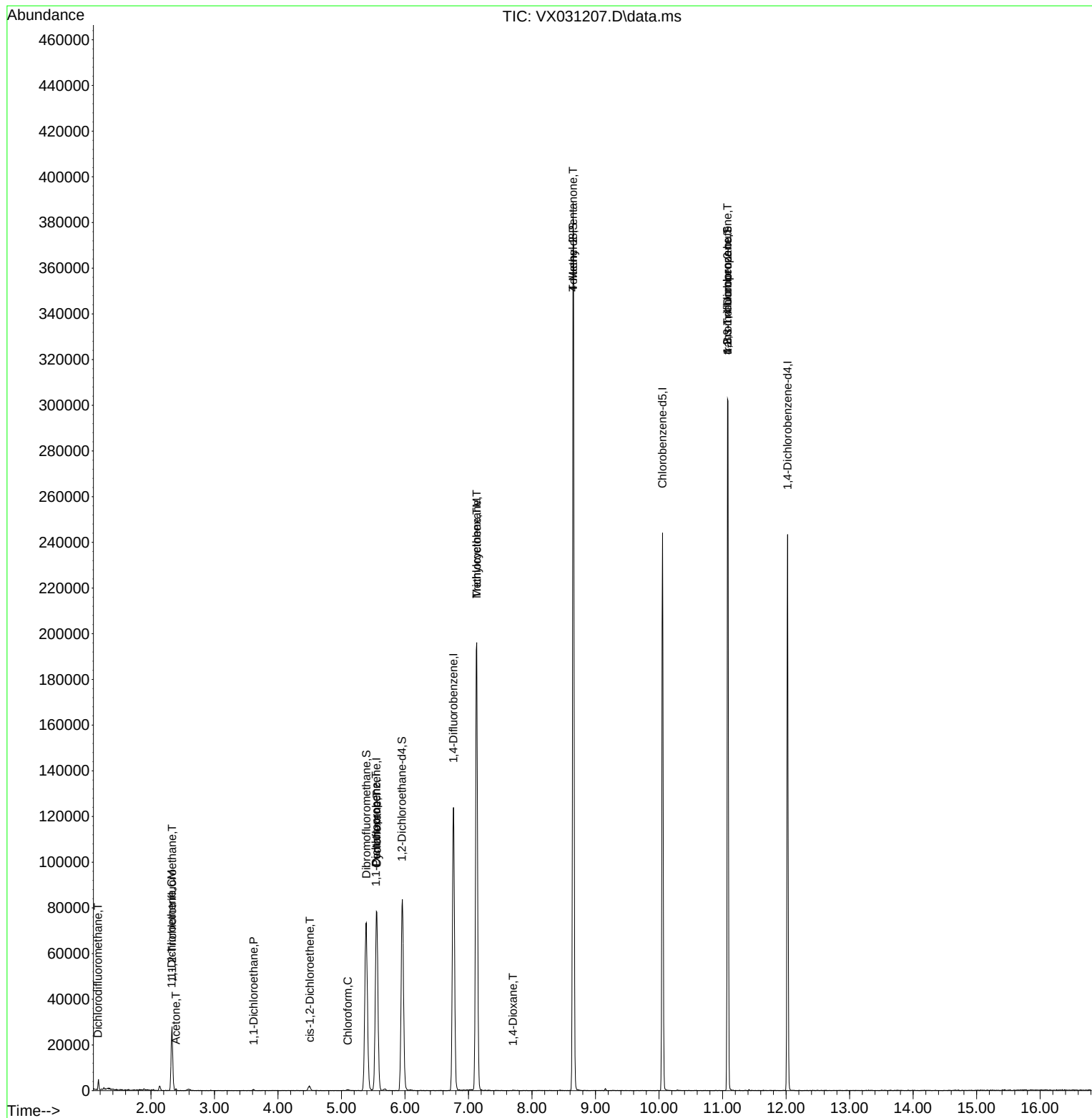
Internal Standards						
1) Pentafluorobenzene	5.550	168	63404	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	124643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91183	60.743	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.480%		
35) Dibromofluoromethane	5.391	113	63101	46.457	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 92.920%		
50) Toluene-d8	8.647	98	230000	46.607	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.220%		
62) 4-Bromofluorobenzene	11.079	95	83488	46.165	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	640	0.628	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	10322	9.063	ug/l	97
12) 1,1-Dichloroethene	2.325	96	710	0.663	ug/l #	82
16) Acetone	2.392	43	460	0.885	ug/l #	76
24) 1,1-Dichloroethane	3.617	63	646	0.323	ug/l #	82
27) cis-1,2-Dichloroethene	4.501	96	1243	0.913	ug/l	94
30) Chloroform	5.099	83	649	0.274	ug/l #	72
31) Cyclohexane	5.556	56	1860	1.109	ug/l #	48
36) 1,1-Dichloropropene	5.544	75	6318	3.106	ug/l #	40
39) Methylcyclohexane	7.129	83	1008	0.434	ug/l #	1
44) Trichloroethene	7.129	130	74009	47.647	ug/l	89
49) 1,4-Dioxane	7.702	88	189	4.942	ug/l #	25
51) 4-Methyl-2-Pentanone	8.647	43	1029	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48473	38.613	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	48473	124.522	ug/l #	13

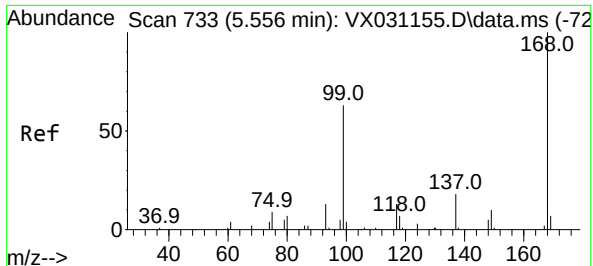
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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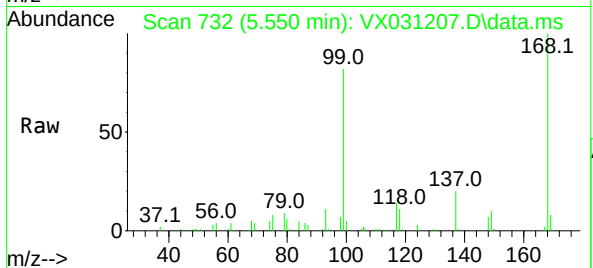
Quant Time: Sep 08 14:01:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
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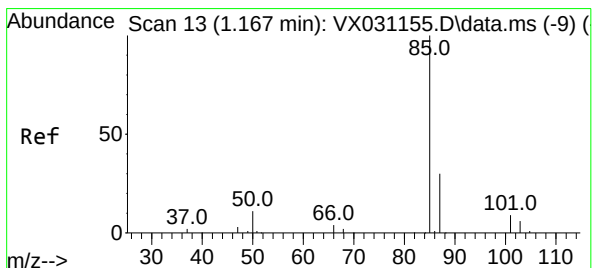
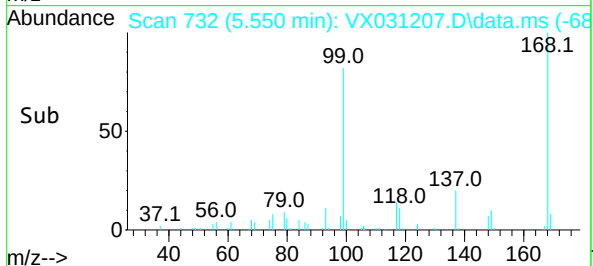
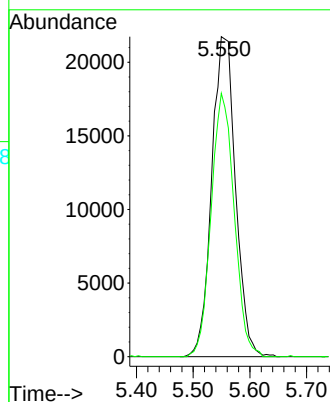


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825RE

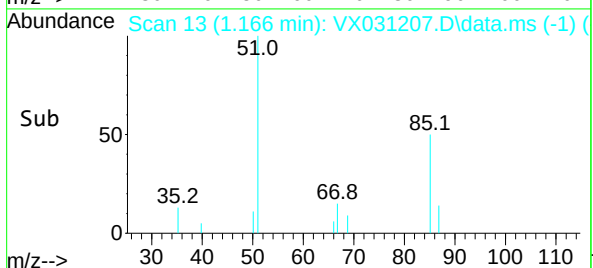
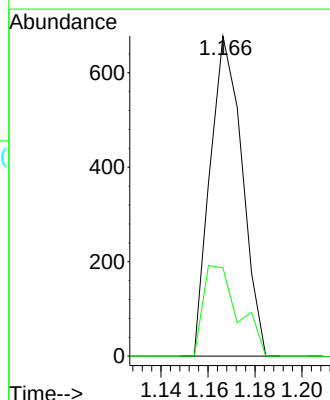
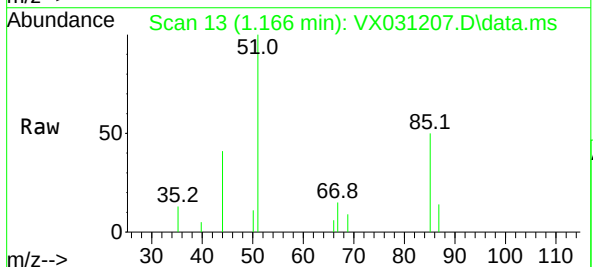


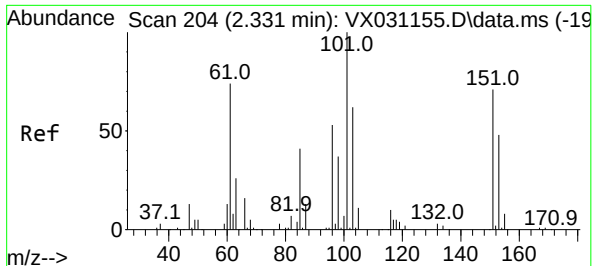
Tgt Ion:168 Resp: 63404
Ion Ratio Lower Upper
168 100
99 82.3 44.0 66.0#



#2
Dichlorodifluoromethane
Concen: 0.628 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Tgt Ion: 85 Resp: 640
Ion Ratio Lower Upper
85 100
87 27.6 16.5 49.5

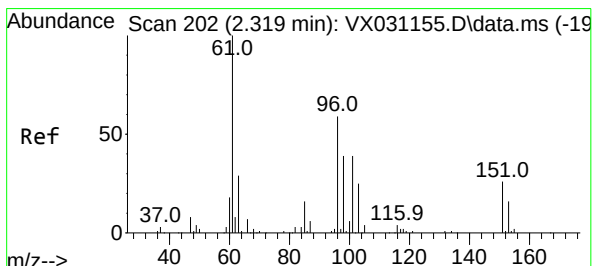
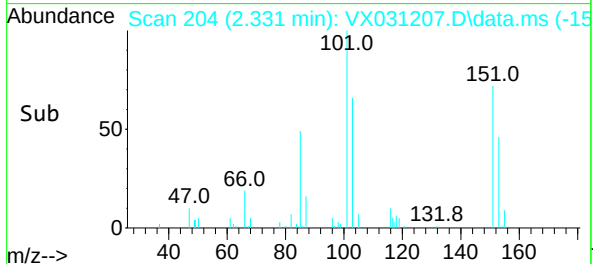
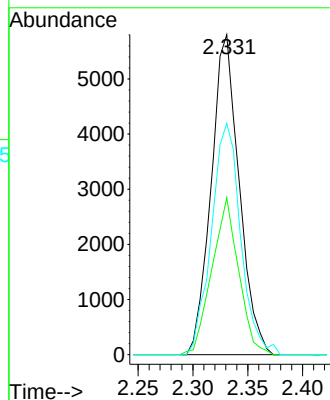
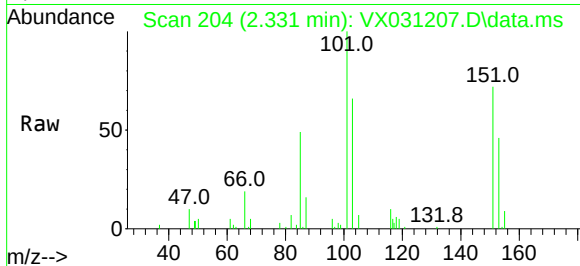




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.063 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX031207.D
 Acq: 08 Sep 2022 12:40

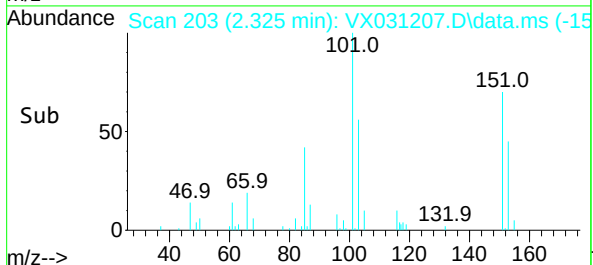
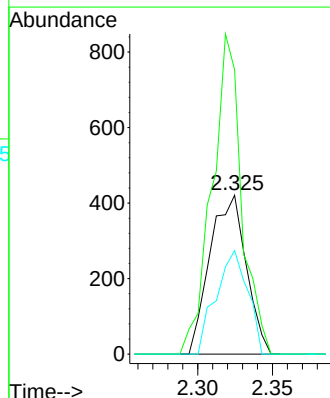
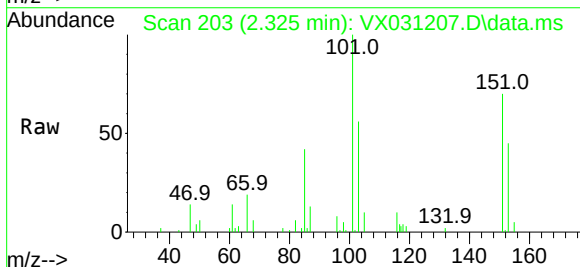
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20220825RE

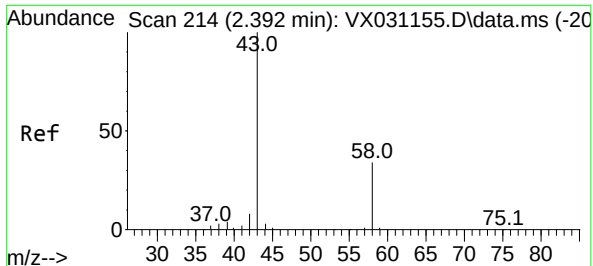
Tgt Ion:101 Resp: 10322
 Ion Ratio Lower Upper
 101 100
 85 46.7 34.0 51.0
 151 75.5 59.4 89.0



#12
 1,1-Dichloroethene
 Concen: 0.663 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX031207.D
 Acq: 08 Sep 2022 12:40

Tgt Ion: 96 Resp: 710
 Ion Ratio Lower Upper
 96 100
 61 178.9 117.4 176.0#
 98 65.1 52.2 78.4

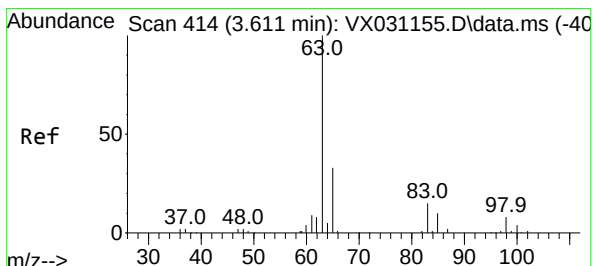
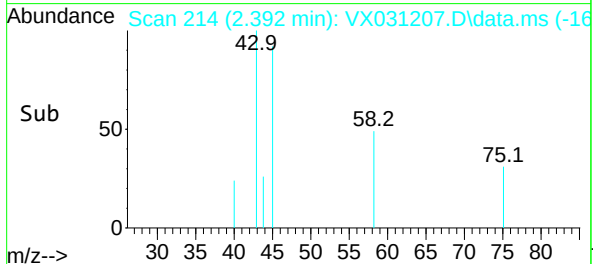
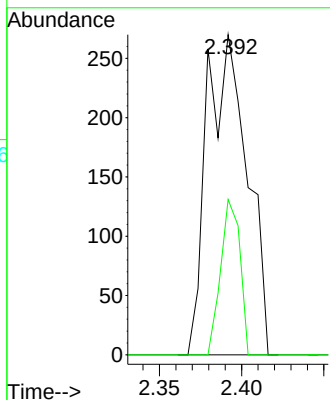
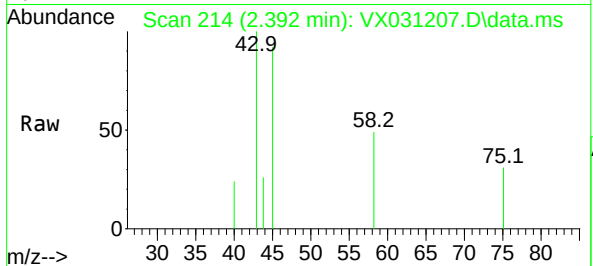




#16
Acetone
Concen: 0.885 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

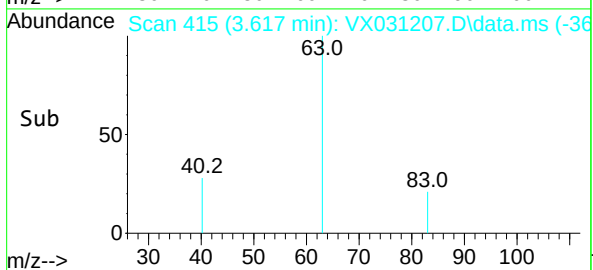
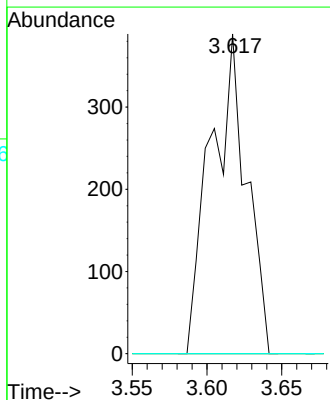
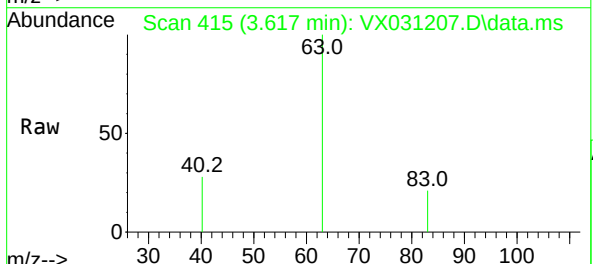
Instrument :
MSVOA_X
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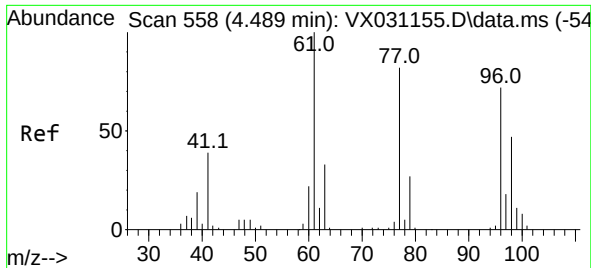
Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
58 48.5 27.7 41.5#



#24
1,1-Dichloroethane
Concen: 0.323 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Tgt Ion: 63 Resp: 646
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 0.0 2.3 6.9#

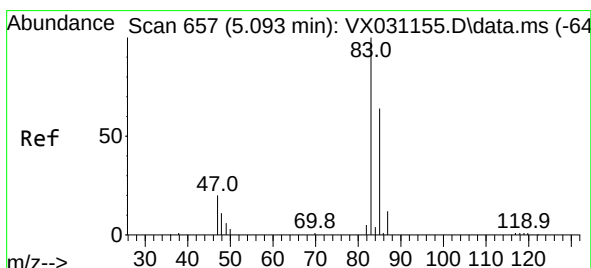
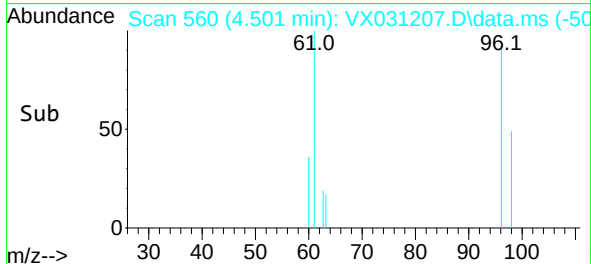
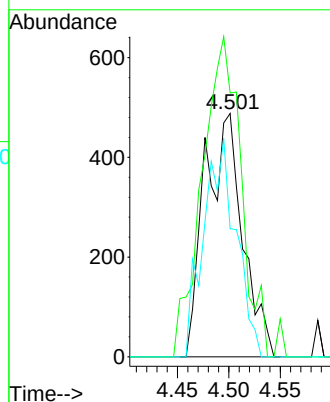
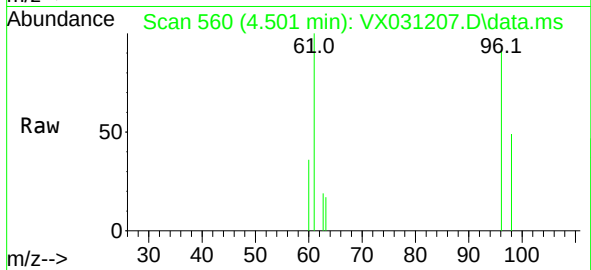




#27
cis-1,2-Dichloroethene
Concen: 0.913 ug/l
RT: 4.501 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

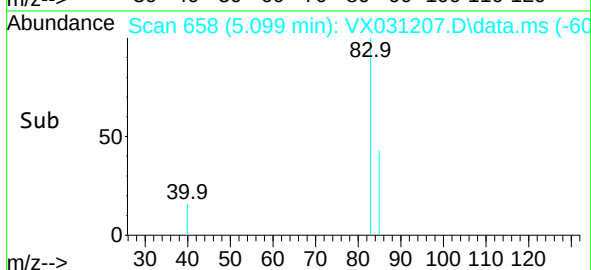
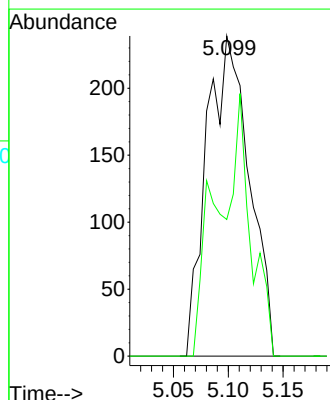
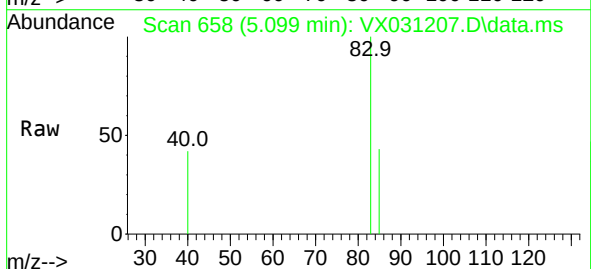
Instrument :
MSVOA_X
ClientSampleId :
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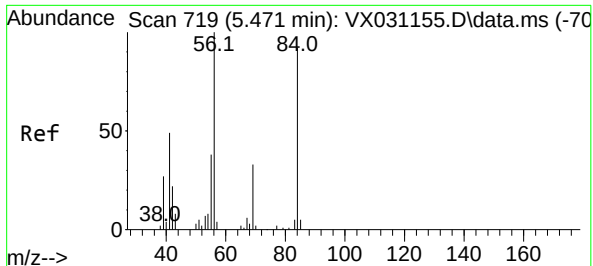
Tgt Ion: 96 Resp: 1243
Ion Ratio Lower Upper
96 100
61 135.4 0.0 270.0
98 77.1 0.0 127.8



#30
Chloroform
Concen: 0.274 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Tgt Ion: 83 Resp: 649
Ion Ratio Lower Upper
83 100
85 42.7 51.5 77.3#

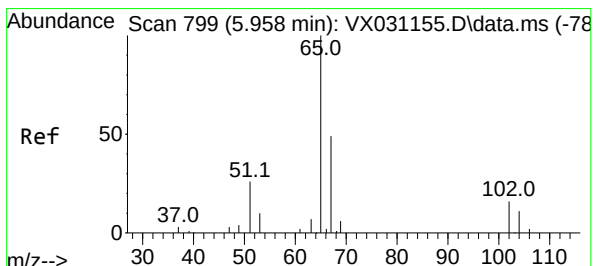
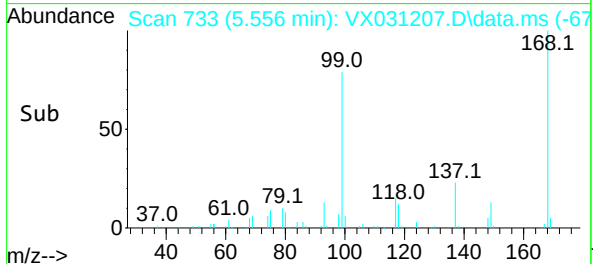
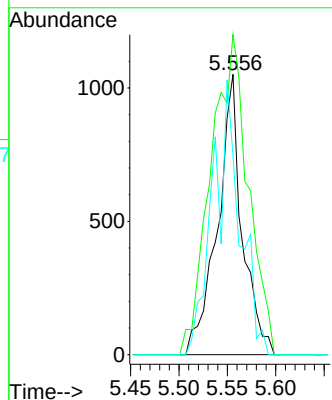
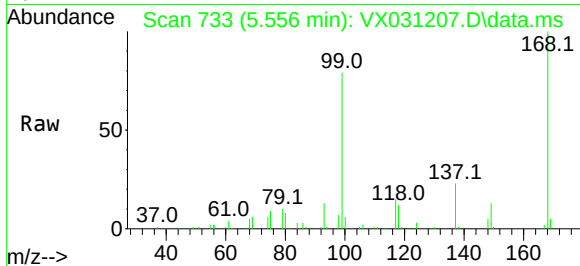




#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

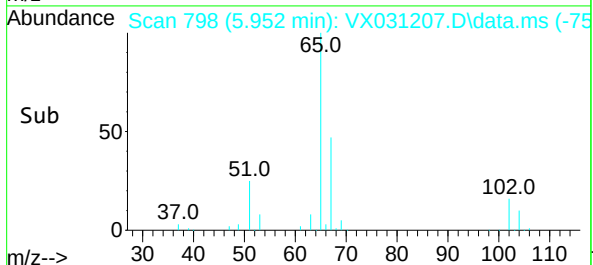
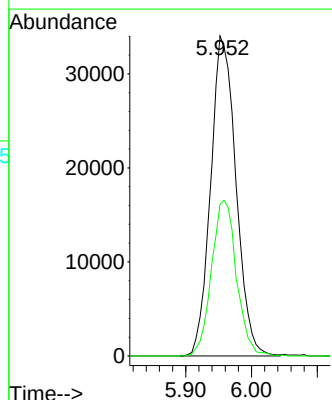
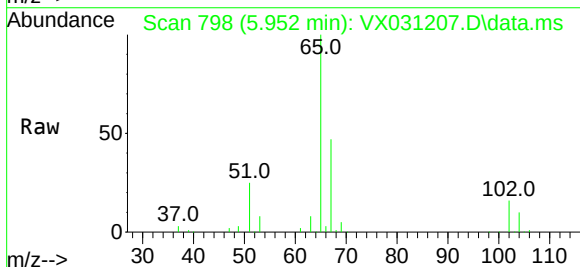
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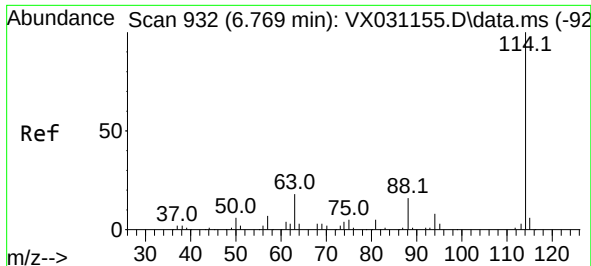
Tgt Ion: 56 Resp: 1860
Ion Ratio Lower Upper
56 100
69 114.2 25.4 38.0#
84 71.2 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 60.743 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Tgt Ion: 65 Resp: 91183
Ion Ratio Lower Upper
65 100
67 47.9 0.0 109.6

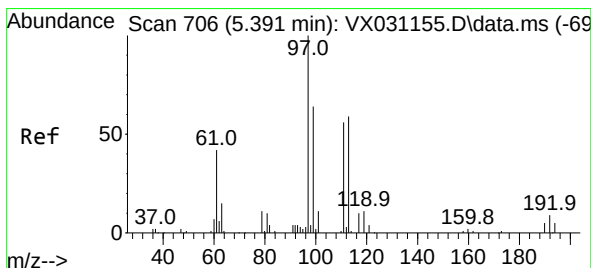
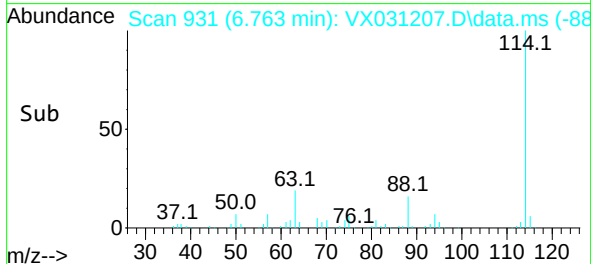
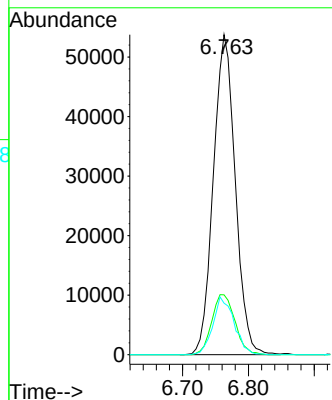
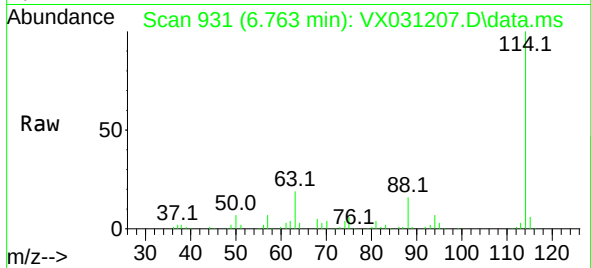




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

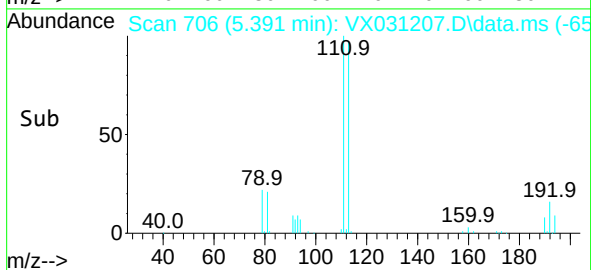
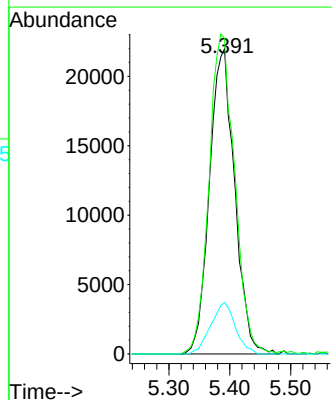
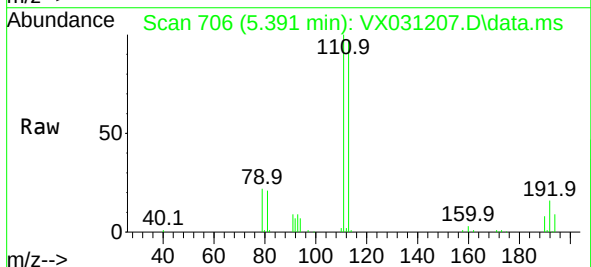
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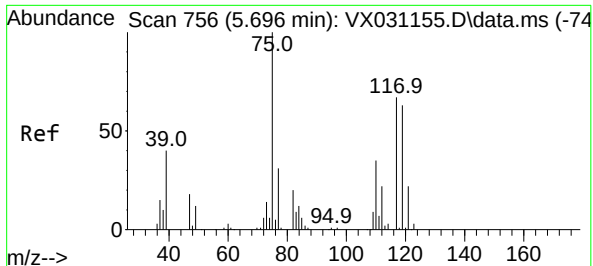
Tgt Ion:114 Resp: 124643
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.457 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Tgt Ion:113 Resp: 63101
Ion Ratio Lower Upper
113 100
111 106.8 83.2 124.8
192 16.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 3.106 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.153 min

Lab File: VX031207.D

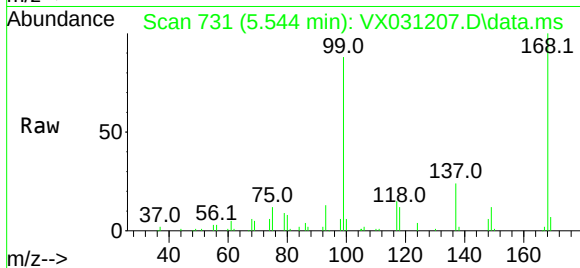
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Instrument :

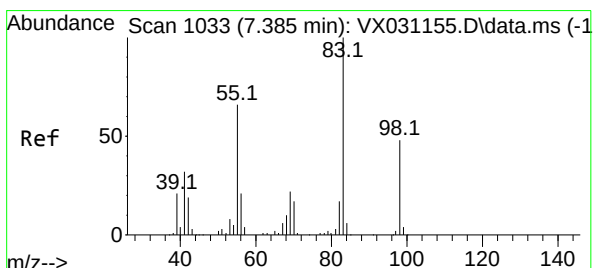
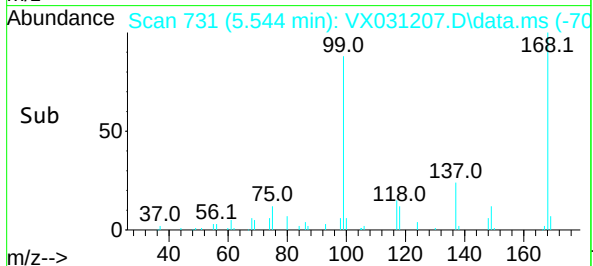
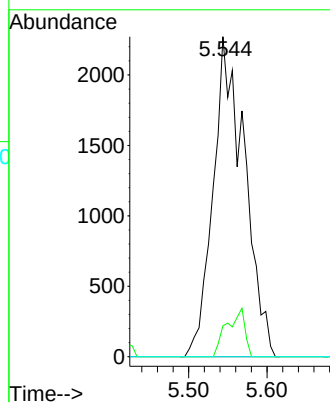
MSVOA_X

ClientSampleId :

RE114D2-20220825RE



Tgt Ion: 75	Resp: 6318
Ion Ratio	Lower Upper
75 100	
110 0.0	19.3 57.9#
77 0.0	24.4 36.6#



#39

Methylcyclohexane

Concen: 0.434 ug/l

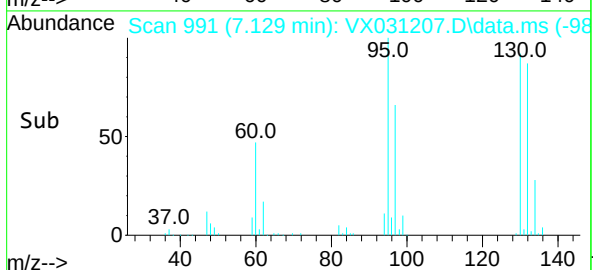
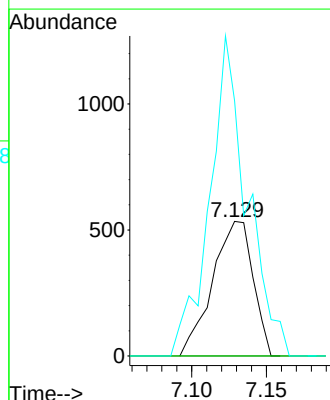
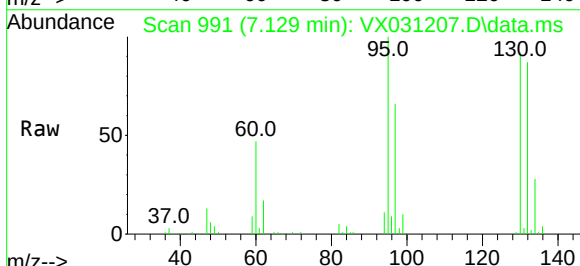
RT: 7.129 min Scan# 991

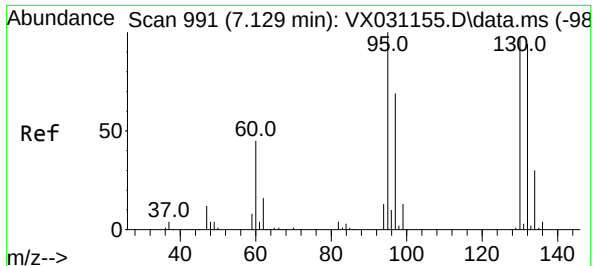
Delta R.T. -0.256 min

Lab File: VX031207.D

Acq: 08 Sep 2022 12:40

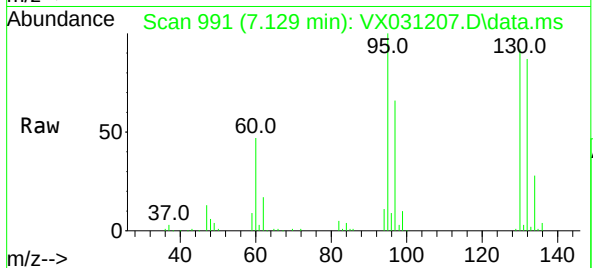
Tgt Ion: 83	Resp: 1008
Ion Ratio	Lower Upper
83 100	
55 0.0	57.7 86.5#
98 163.9	36.5 54.7#



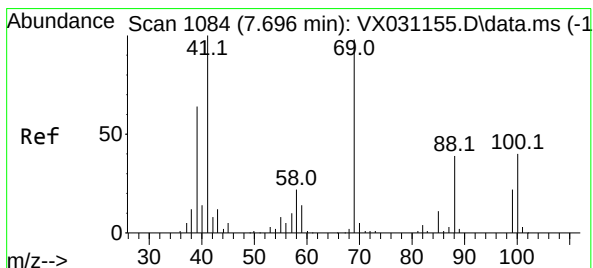
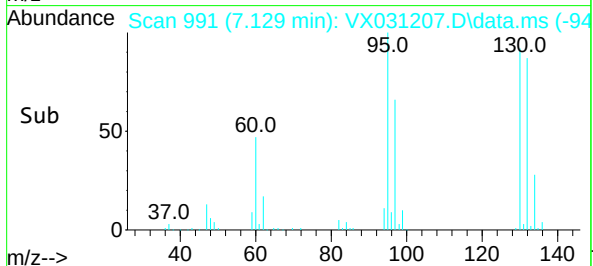
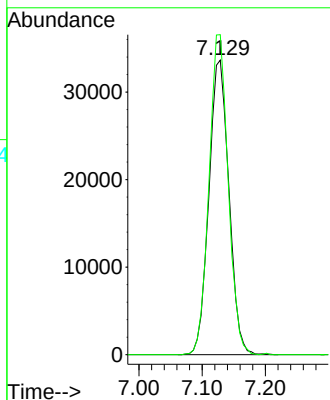


#44
Trichloroethene
Concen: 47.647 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825RE

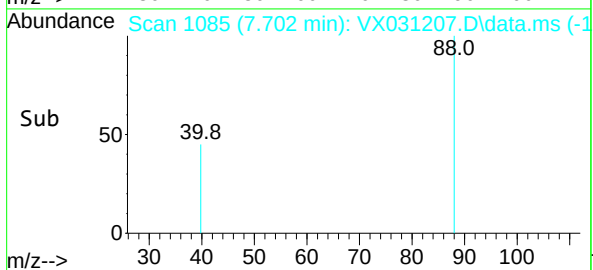
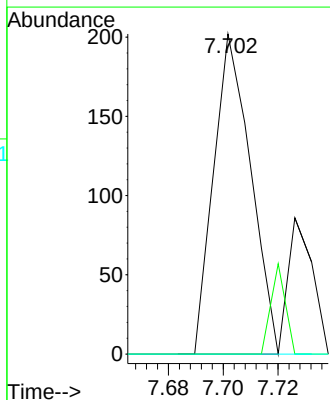
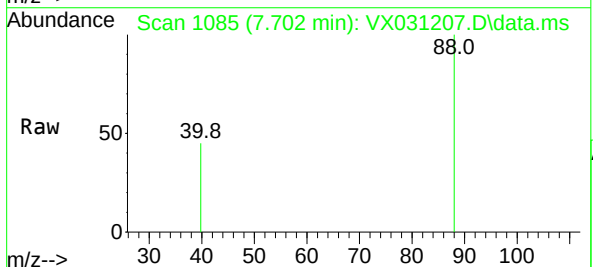


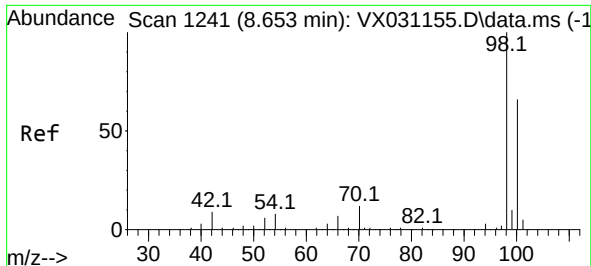
Tgt Ion:130 Resp: 74009
Ion Ratio Lower Upper
130 100
95 108.7 0.0 194.8



#49
1,4-Dioxane
Concen: 4.942 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Tgt Ion: 88 Resp: 189
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

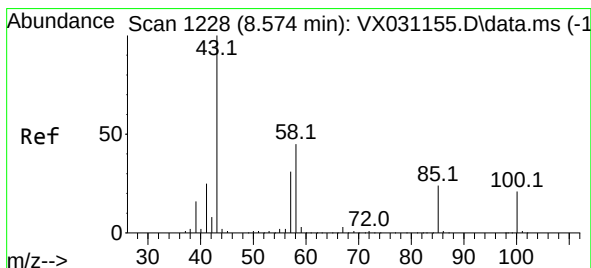
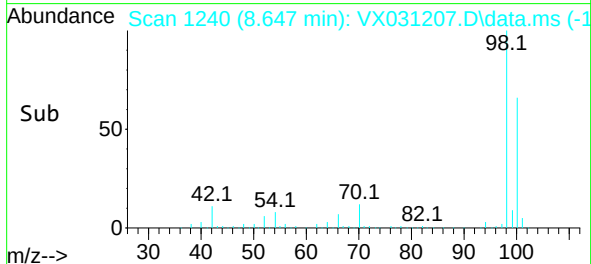
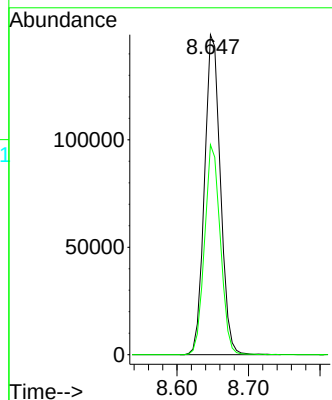
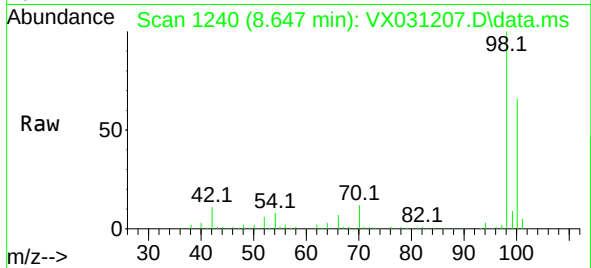




#50
Toluene-d8
Concen: 46.607 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

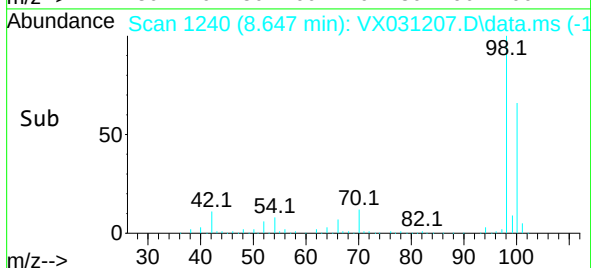
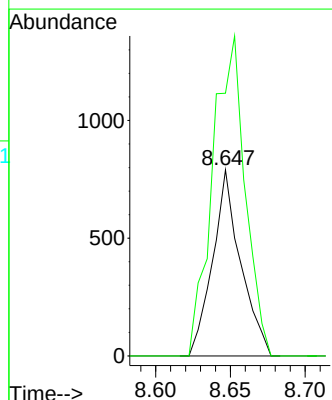
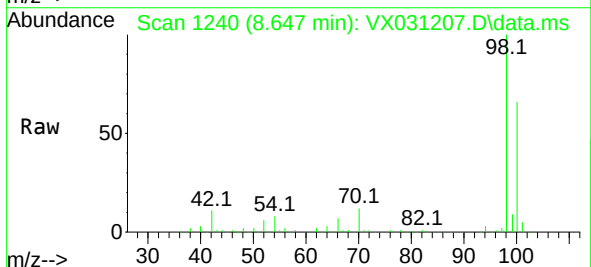
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825RE

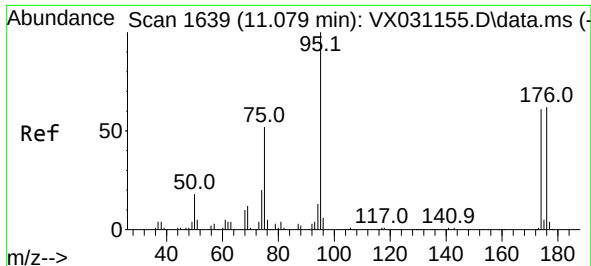
Tgt Ion: 98 Resp: 230000
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
58 199.8 31.4 47.2#

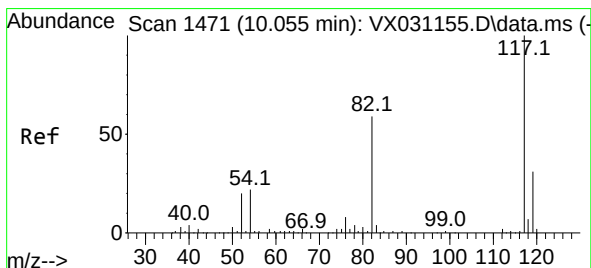
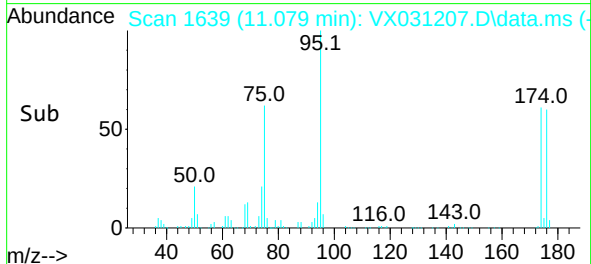
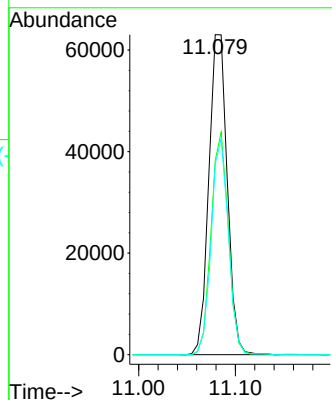
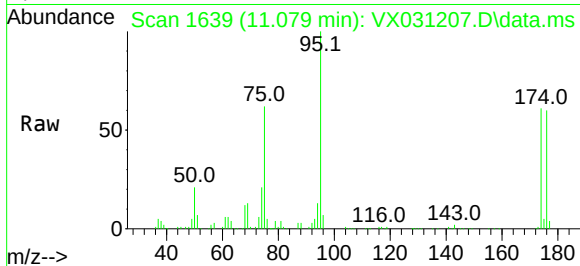




#62
4-Bromofluorobenzene
Concen: 46.165 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

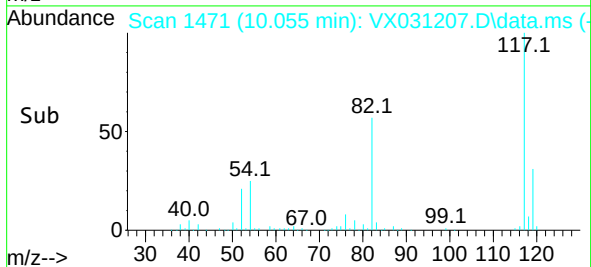
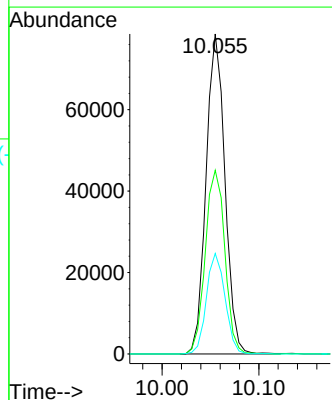
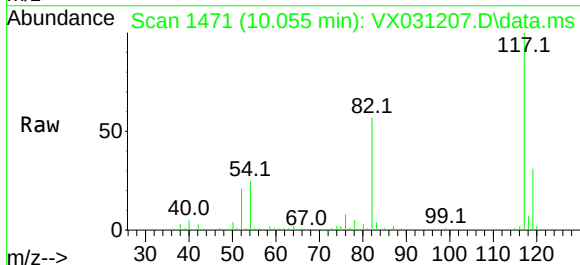
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825RE

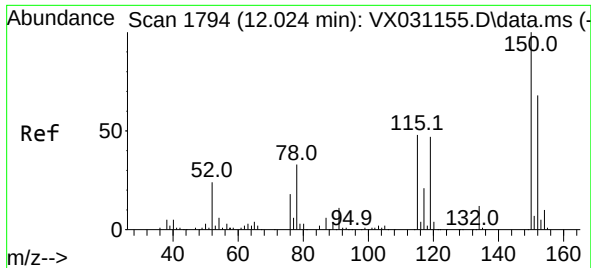
Tgt Ion: 95 Resp: 83488
Ion Ratio Lower Upper
95 100
174 65.5 0.0 149.0
176 62.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031207.D
Acq: 08 Sep 2022 12:40

Tgt Ion: 117 Resp: 106809
Ion Ratio Lower Upper
117 100
82 57.4 42.7 64.1
119 31.4 25.4 38.2

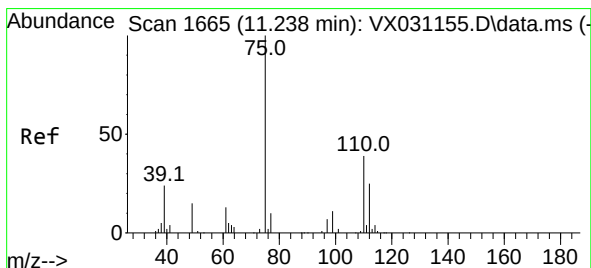
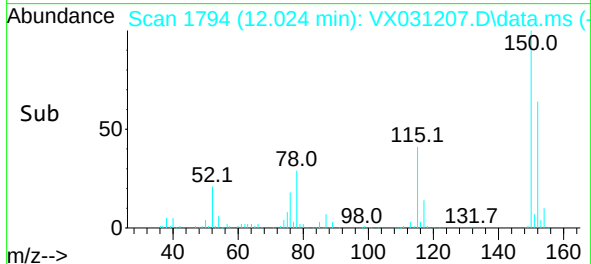
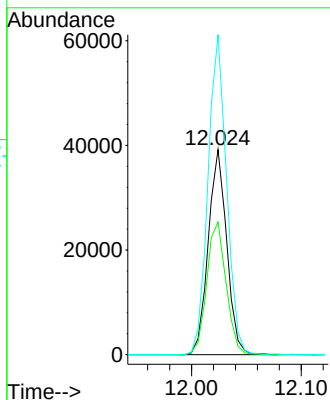
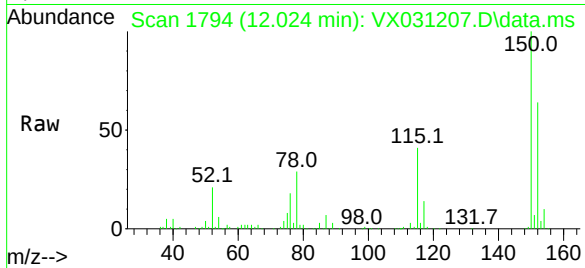




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031207.D
 Acq: 08 Sep 2022 12:40

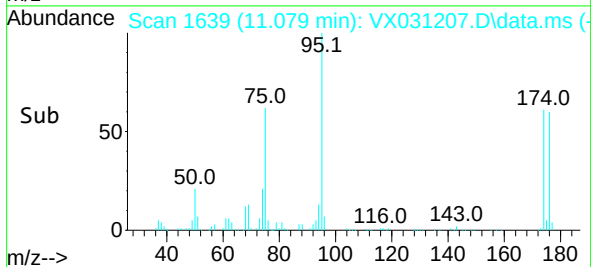
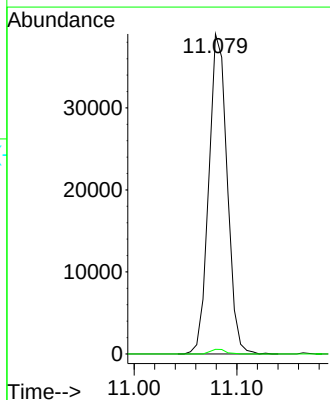
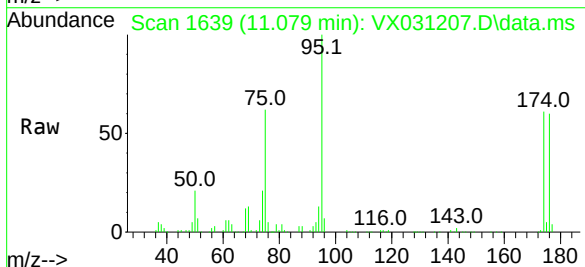
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20220825RE

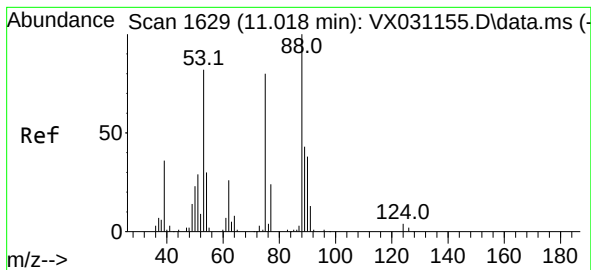
Tgt Ion:152 Resp: 45998
 Ion Ratio Lower Upper
 152 100
 115 67.6 40.5 121.5
 150 156.7 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 38.613 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX031207.D
 Acq: 08 Sep 2022 12:40

Tgt Ion: 75 Resp: 48473
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 124.522 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX031207.D

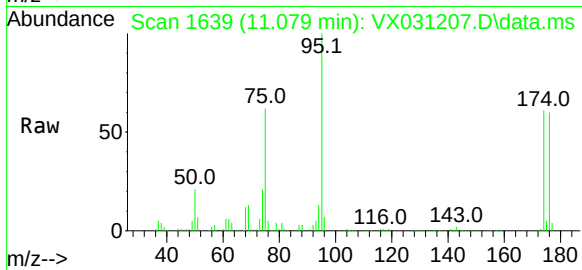
Acq: 08 Sep 2022 12:40

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20220825RE



Tgt Ion: 75 Resp: 48473

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

