

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112122\
 Data File : VX032951.D
 Acq On : 21 Nov 2022 14:46
 Operator : JC/MD
 Sample : N5672-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20221116

Quant Time: Nov 22 05:11:56 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)

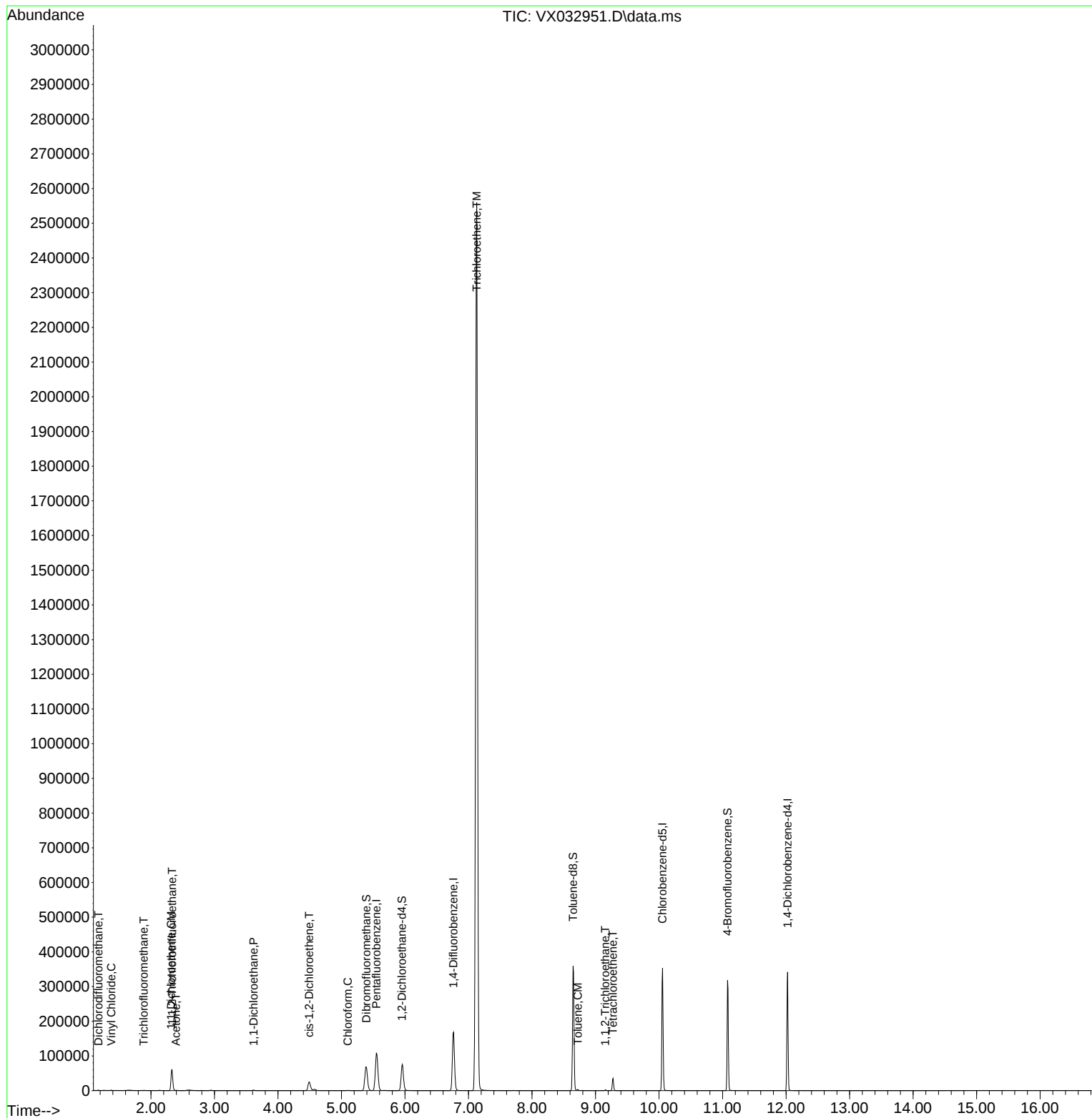
Internal Standards						
1) Pentafluorobenzene	5.550	168	102216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	172536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	73976	52.086	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.180%	
35) Dibromofluoromethane	5.391	113	59742	48.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.080%	
50) Toluene-d8	8.647	98	215482	50.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	11.079	95	80684	48.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.540%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	302	0.256	ug/l	79
4) Vinyl Chloride	1.374	62	1158	1.055	ug/l #	83
7) Trichlorofluoromethane	1.886	101	557	0.268	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	15905	14.494	ug/l	98
12) 1,1-Dichloroethene	2.319	96	8682	8.470	ug/l	93
16) Acetone	2.392	43	1135	2.199	ug/l	90
24) 1,1-Dichloroethane	3.617	63	2134	1.050	ug/l #	92
27) cis-1,2-Dichloroethene	4.489	96	16564	12.843	ug/l	86
30) Chloroform	5.099	83	1128	0.506	ug/l #	82
44) Trichloroethene	7.129	130	966809	708.144	ug/l	99
52) Toluene	8.720	92	1104	0.349	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	810	0.608	ug/l	93
64) Tetrachloroethene	9.275	164	6495	5.766	ug/l	99

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

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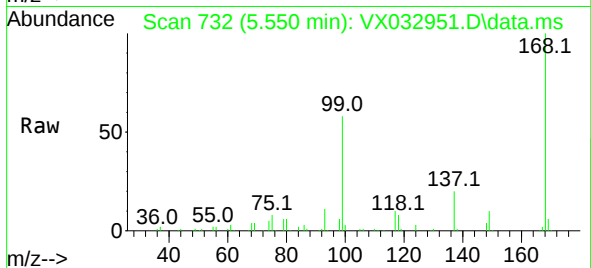
Quant Time: Nov 22 05:11:56 2022
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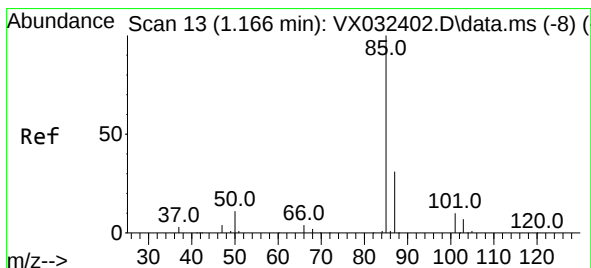
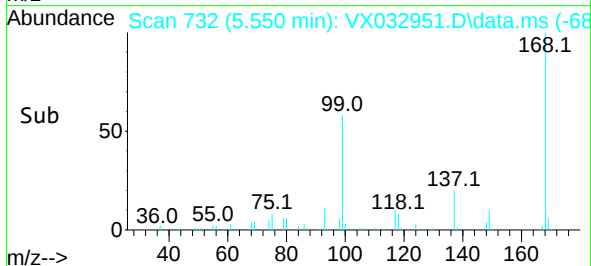
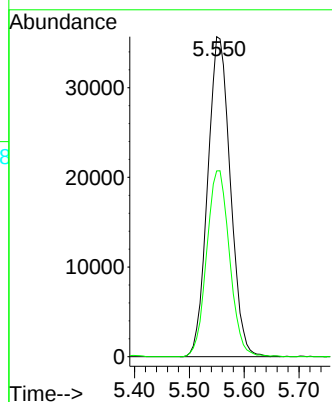


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116

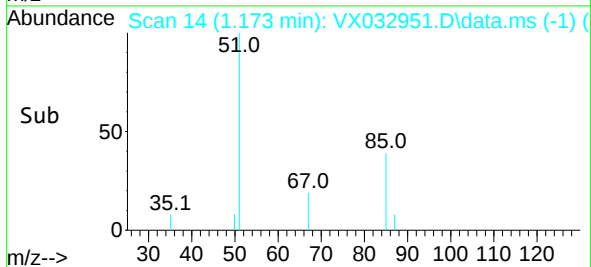
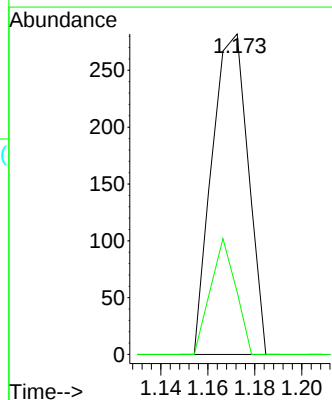
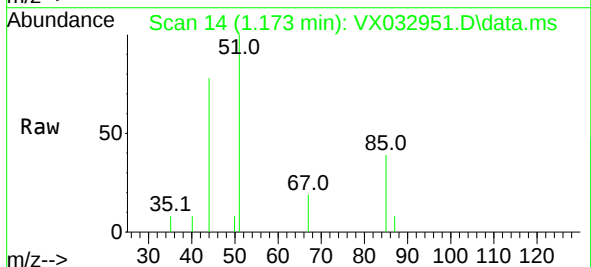


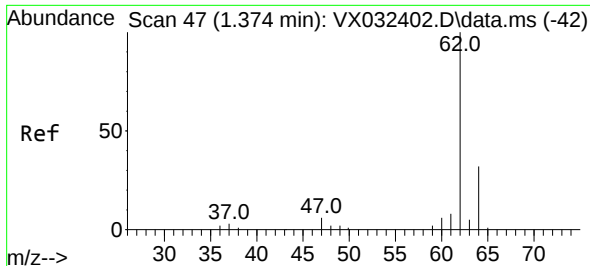
Tgt Ion:168 Resp: 102216
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.256 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

Tgt Ion: 85 Resp: 302
Ion Ratio Lower Upper
85 100
87 19.5 15.6 46.7

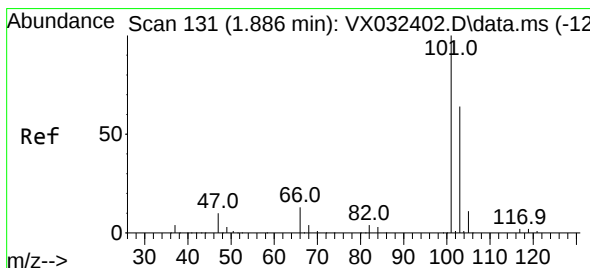
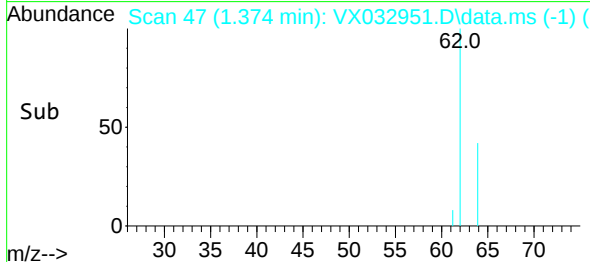
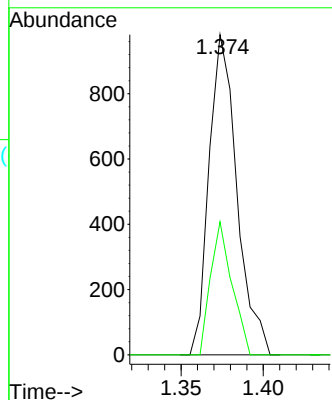
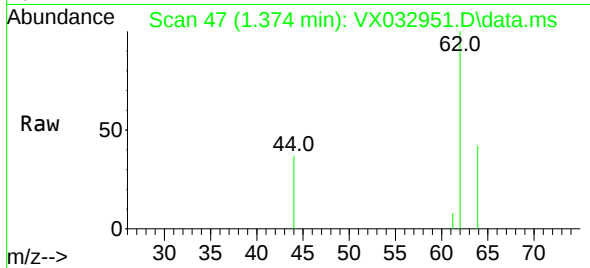




#4
 Vinyl Chloride
 Concen: 1.055 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX032951.D
 Acq: 21 Nov 2022 14:46

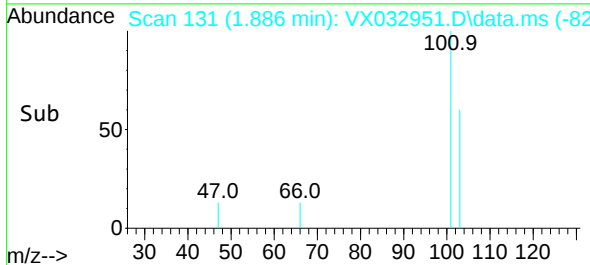
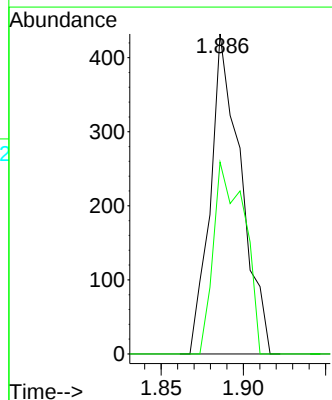
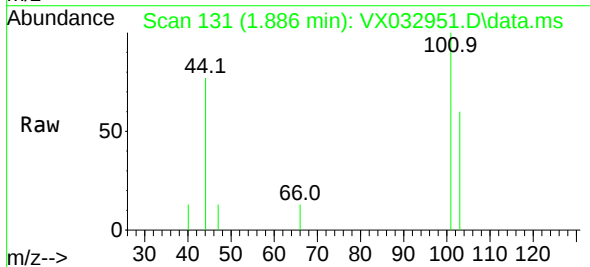
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20221116

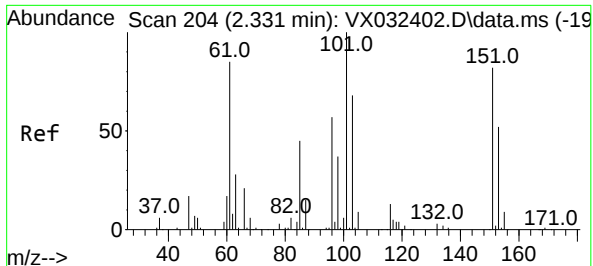
Tgt Ion: 62 Resp: 1158
 Ion Ratio Lower Upper
 62 100
 64 41.6 25.8 38.6#



#7
 Trichlorofluoromethane
 Concen: 0.268 ug/l
 RT: 1.886 min Scan# 131
 Delta R.T. 0.000 min
 Lab File: VX032951.D
 Acq: 21 Nov 2022 14:46

Tgt Ion: 101 Resp: 557
 Ion Ratio Lower Upper
 101 100
 103 60.0 51.4 77.2

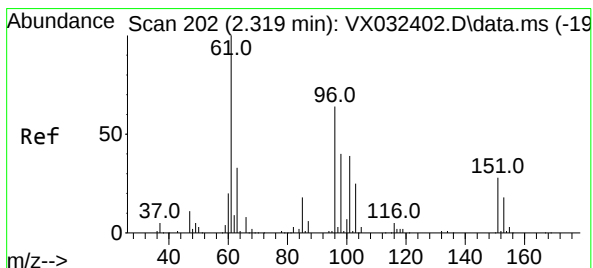
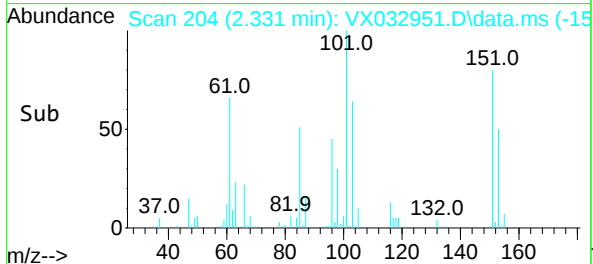
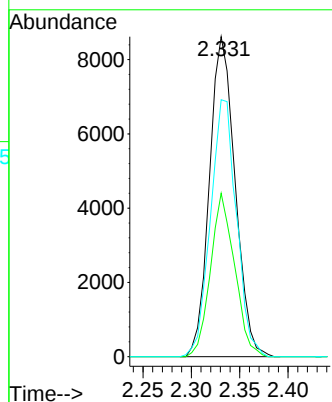
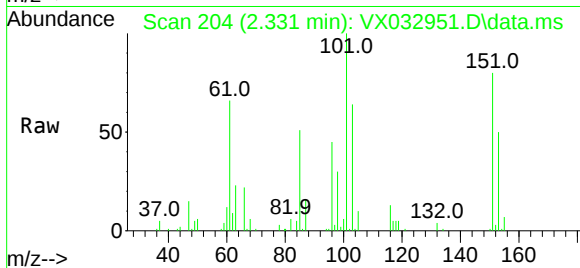




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.494 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX032951.D
 Acq: 21 Nov 2022 14:46

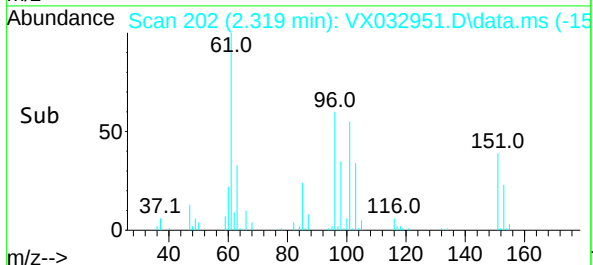
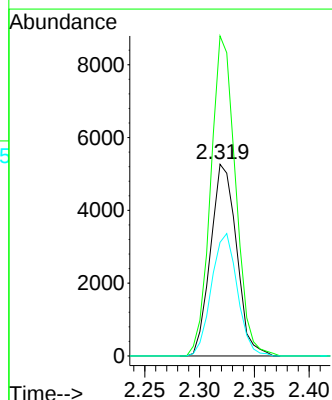
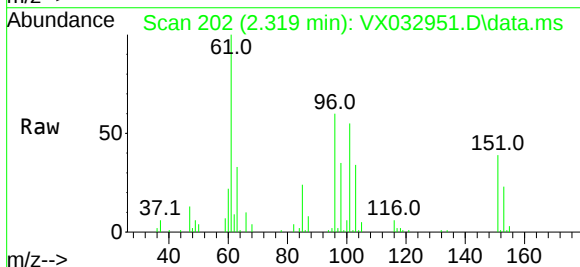
Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20221116

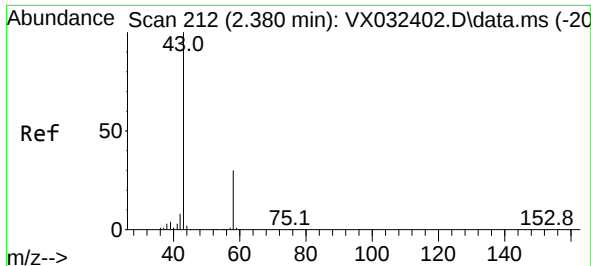
Tgt Ion:101 Resp: 15905
 Ion Ratio Lower Upper
 101 100
 85 47.8 37.0 55.4
 151 81.4 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 8.470 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX032951.D
 Acq: 21 Nov 2022 14:46

Tgt Ion: 96 Resp: 8682
 Ion Ratio Lower Upper
 96 100
 61 166.9 125.1 187.7
 98 59.2 50.6 76.0

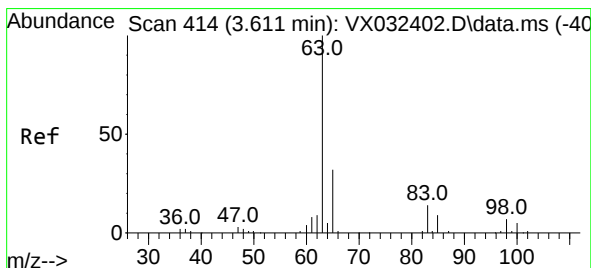
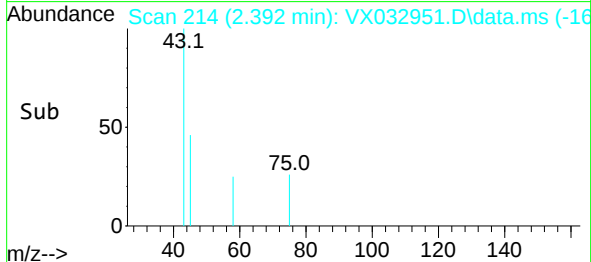
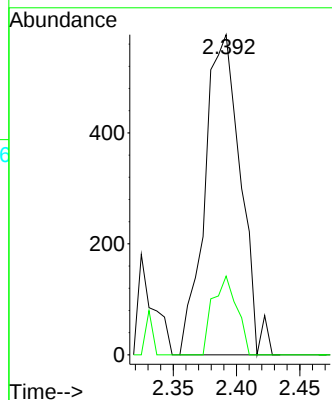
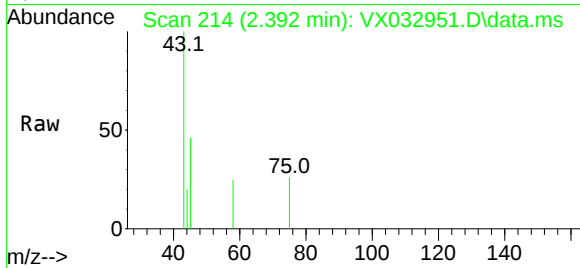




#16
Acetone
Concen: 2.199 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

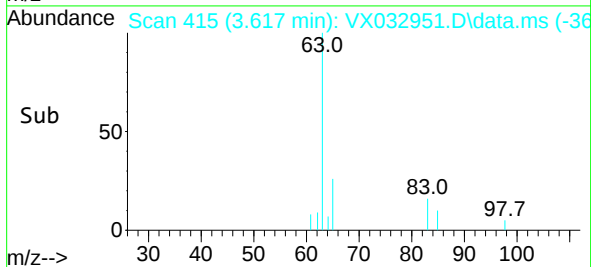
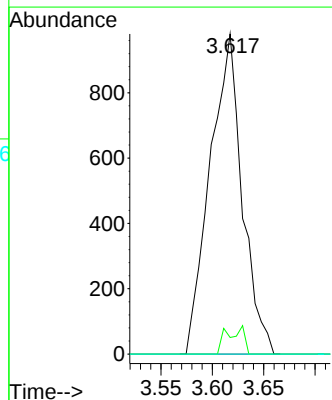
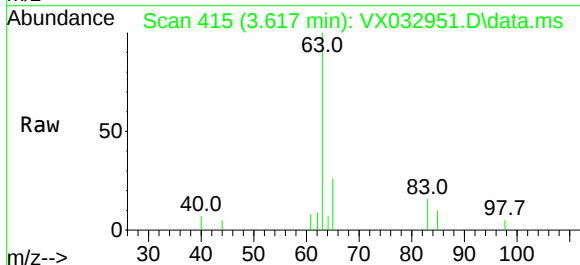
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116

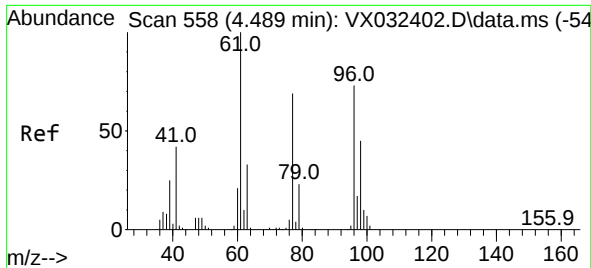
Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 24.6 23.8 35.8



#24
1,1-Dichloroethane
Concen: 1.050 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

Tgt Ion: 63 Resp: 2134
Ion Ratio Lower Upper
63 100
98 5.2 3.5 10.4
100 0.0 2.3 6.8#





#27

cis-1,2-Dichloroethene

Concen: 12.843 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX032951.D

Acq: 21 Nov 2022 14:46

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20221116

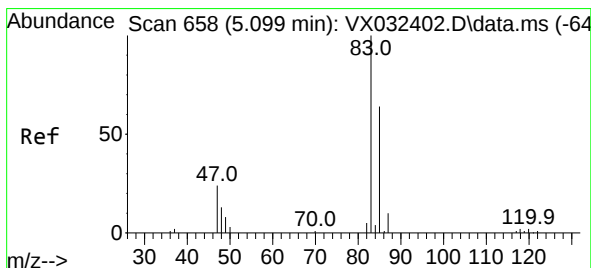
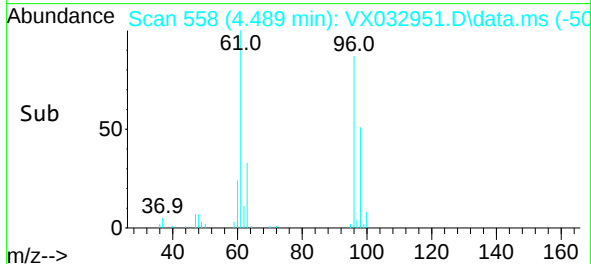
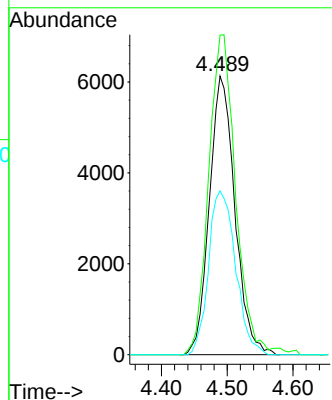
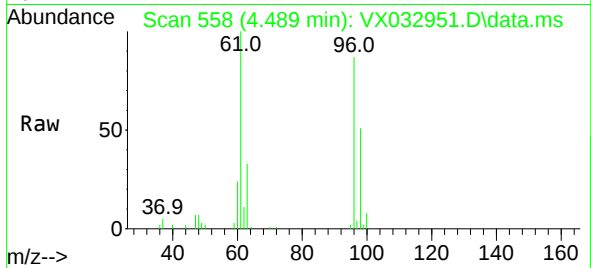
Tgt Ion: 96 Resp: 16564

Ion Ratio Lower Upper

96 100

61 120.5 0.0 286.0

98 62.2 0.0 129.6



#30

Chloroform

Concen: 0.506 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX032951.D

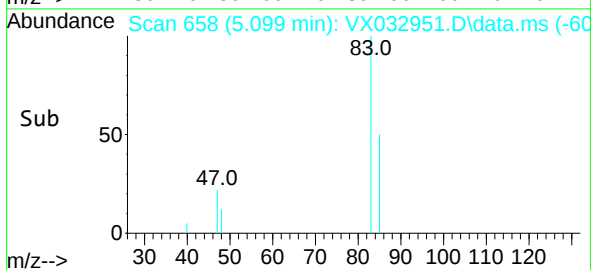
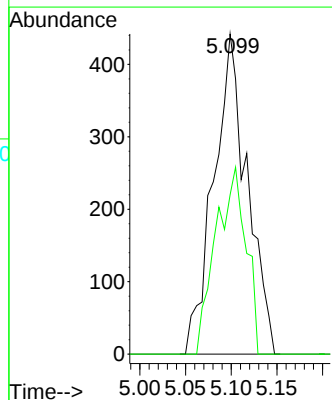
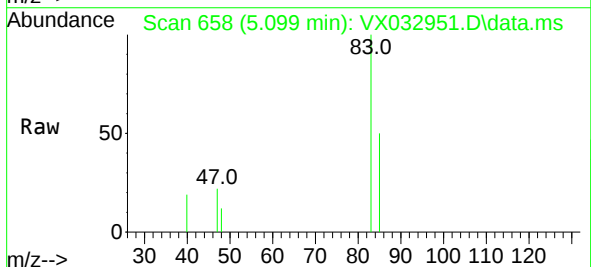
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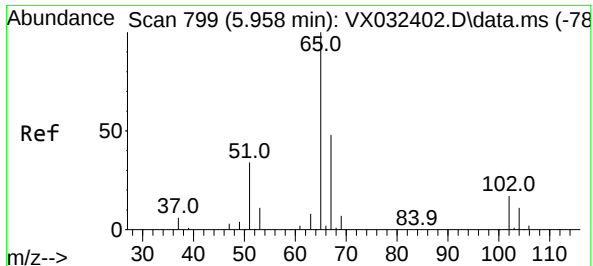
Tgt Ion: 83 Resp: 1128

Ion Ratio Lower Upper

83 100

85 49.8 51.1 76.7#





#33

1,2-Dichloroethane-d4

Concen: 52.086 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032951.D

Acq: 21 Nov 2022 14:46

Instrument :

MSVOA_X

ClientSampleId :

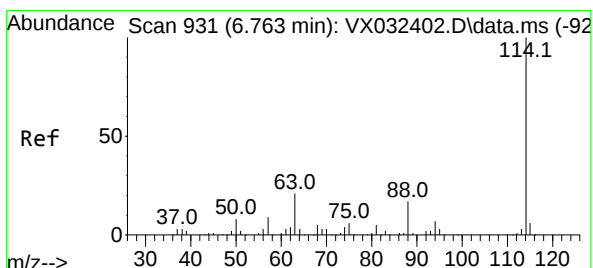
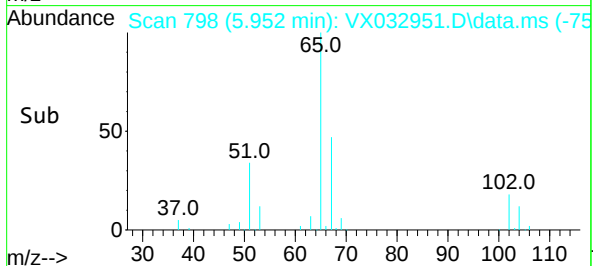
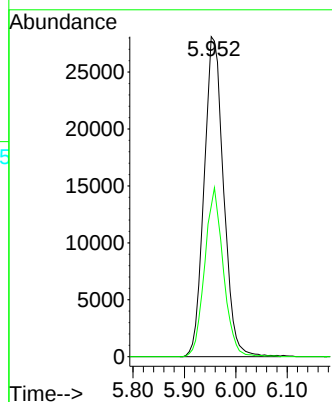
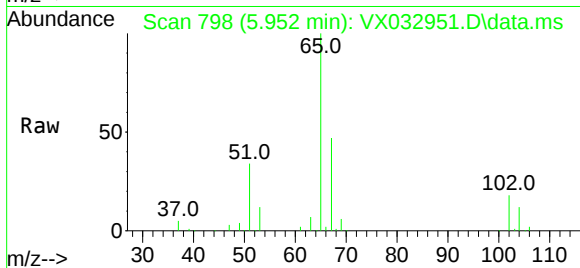
RE120D1-20221116

Tgt Ion: 65 Resp: 73976

Ion Ratio Lower Upper

65 100

67 50.4 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: VX032951.D

Acq: 21 Nov 2022 14:46

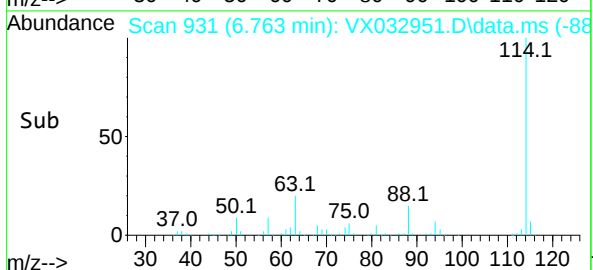
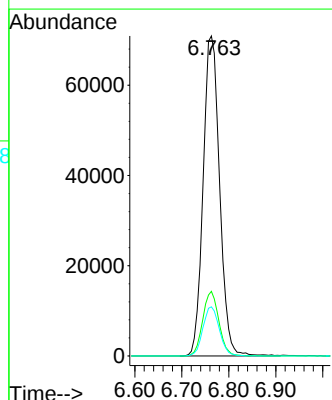
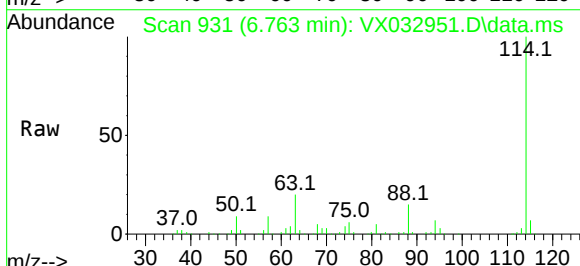
Tgt Ion: 114 Resp: 172536

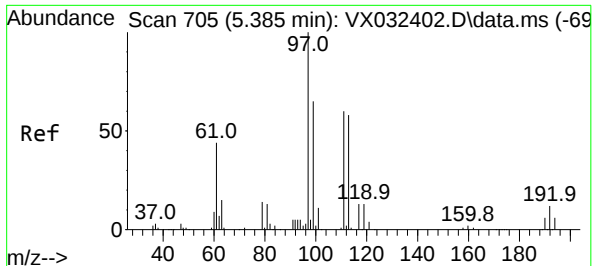
Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.6

88 15.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.542 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032951.D

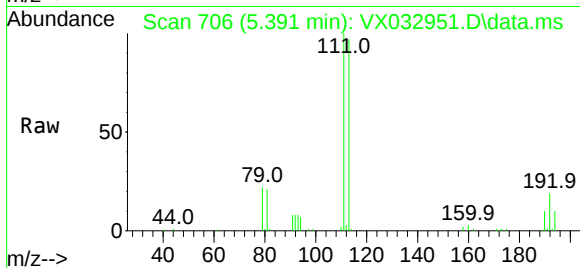
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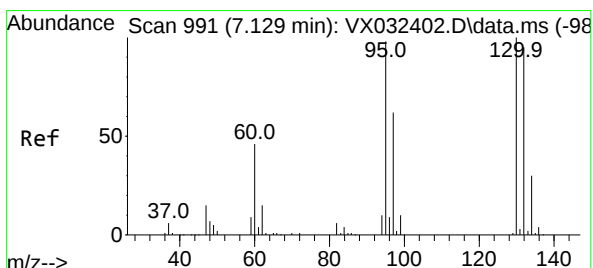
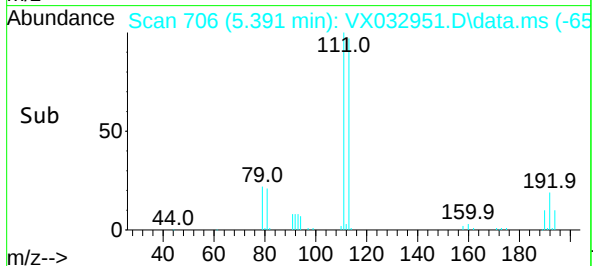
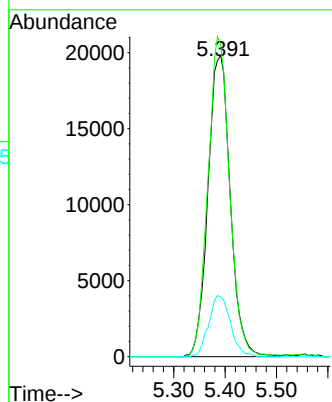
Tgt Ion:113 Resp: 59742

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 19.7 15.4 23.2



#44

Trichloroethene

Concen: 708.144 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX032951.D

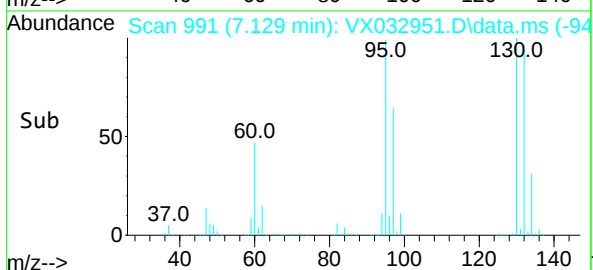
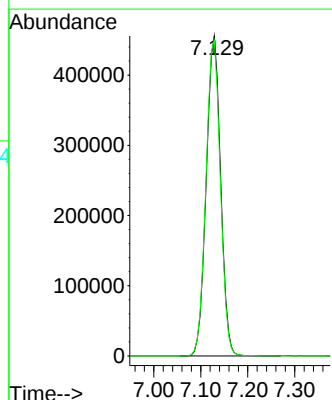
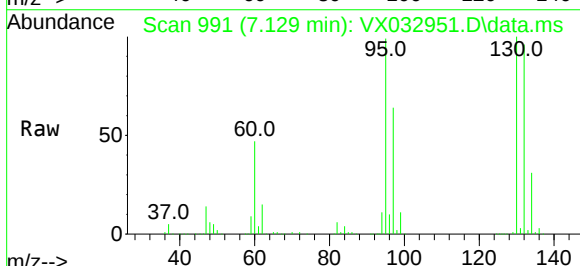
Acq: 21 Nov 2022 14:46

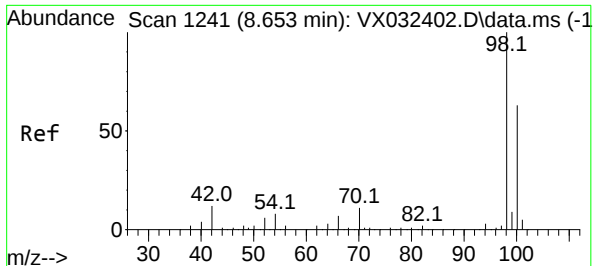
Tgt Ion:130 Resp: 966809

Ion Ratio Lower Upper

130 100

95 98.6 0.0 195.2

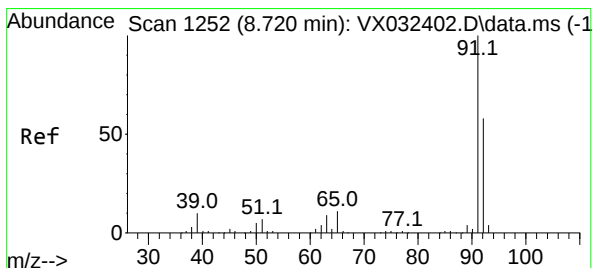
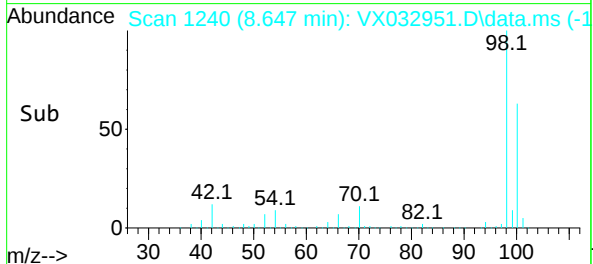
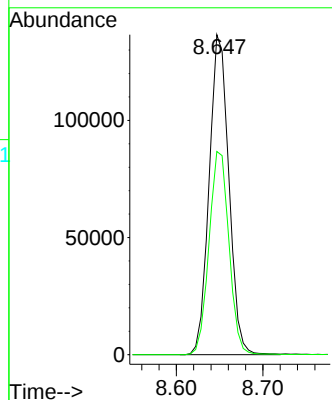
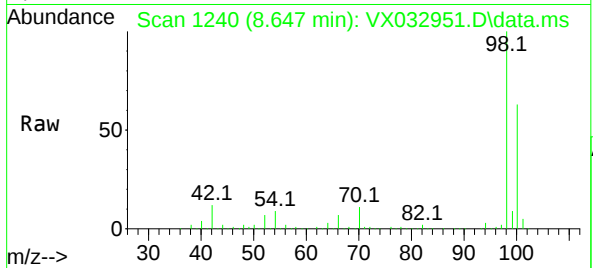




#50
Toluene-d8
Concen: 50.352 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

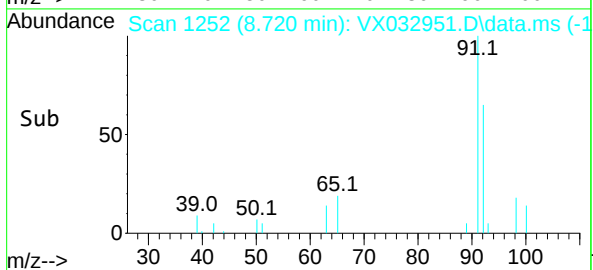
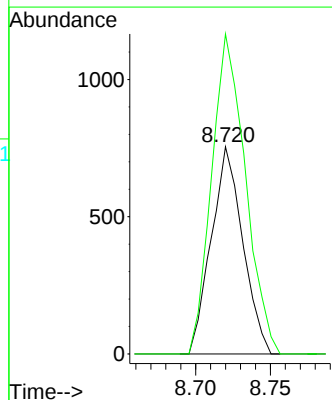
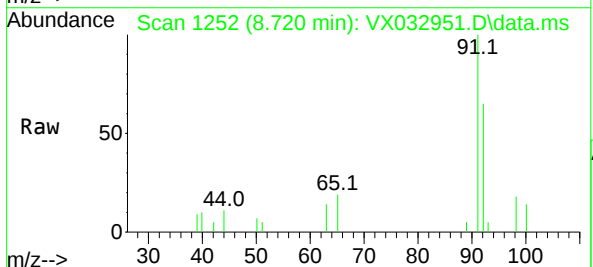
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116

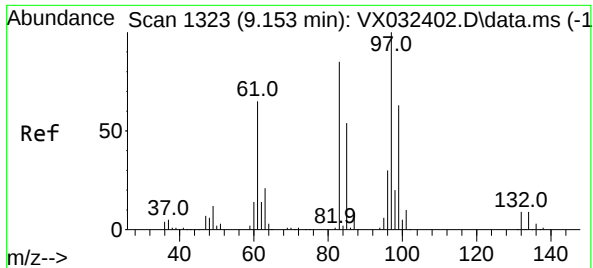
Tgt Ion: 98 Resp: 215482
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#52
Toluene
Concen: 0.349 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

Tgt Ion: 92 Resp: 1104
Ion Ratio Lower Upper
92 100
91 165.6 138.3 207.5



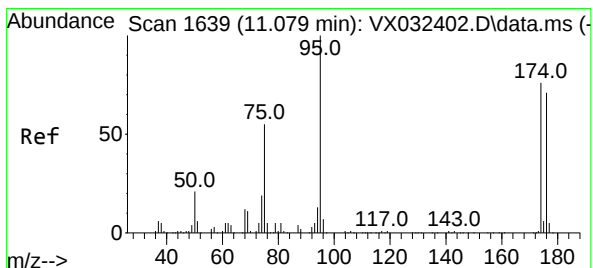
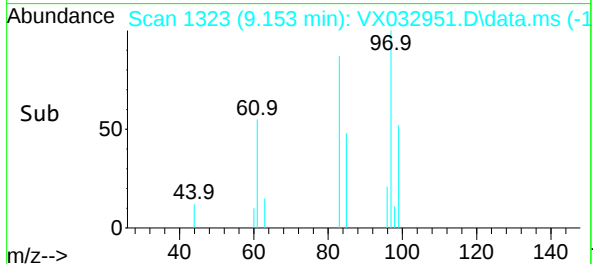
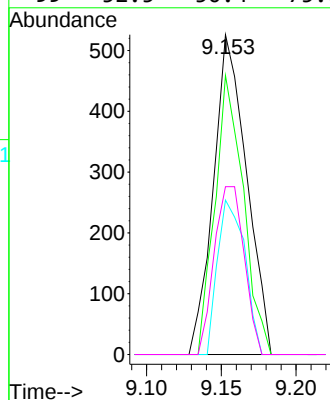
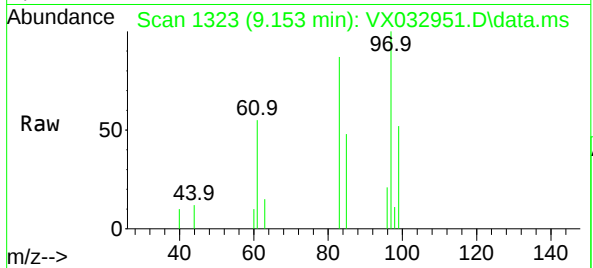


#55
1,1,2-Trichloroethane
Concen: 0.608 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116

Tgt Ion: 97 Resp: 810

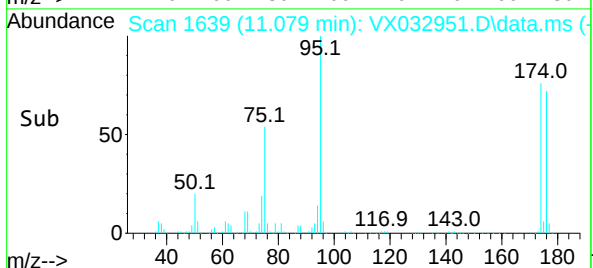
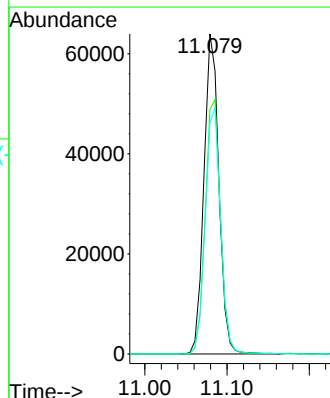
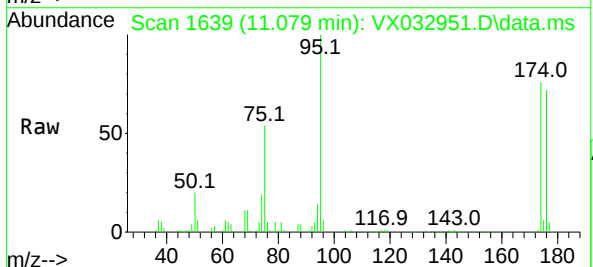
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.1	102.1
85	48.3	43.3	64.9
99	52.5	50.4	75.6

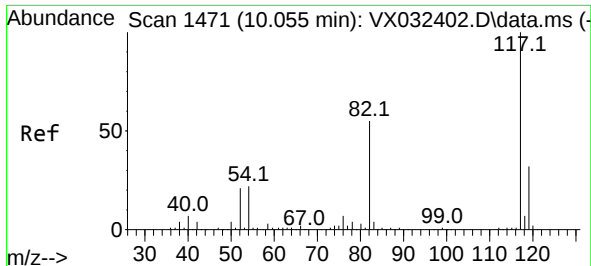


#62
4-Bromofluorobenzene
Concen: 48.266 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

Tgt Ion: 95 Resp: 80684

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	164.0
176	78.8	0.0	154.4

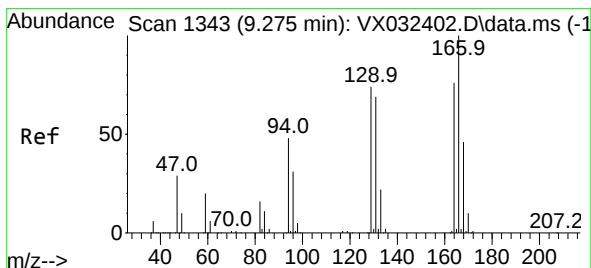
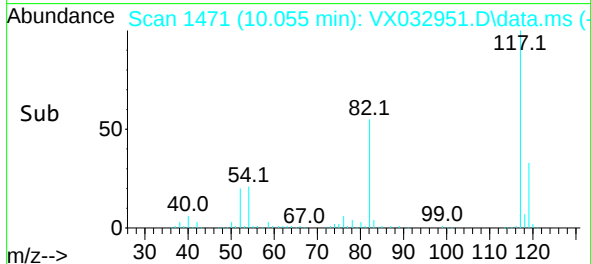
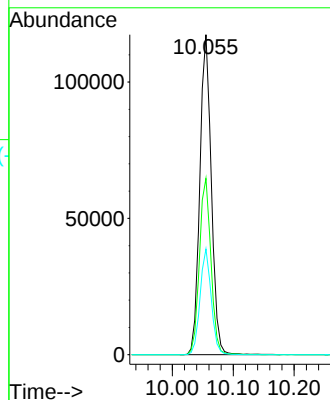
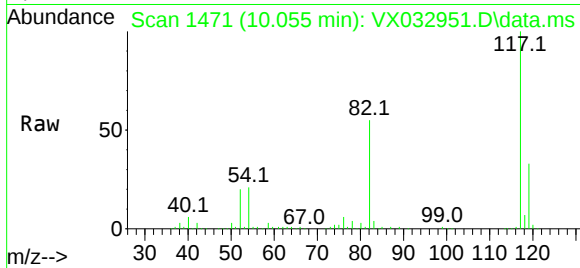




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

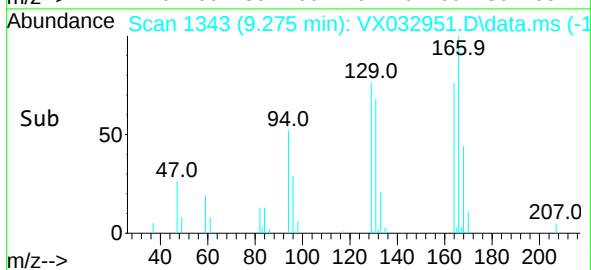
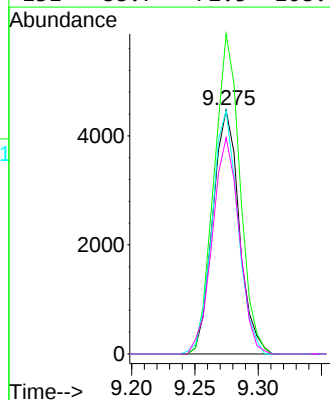
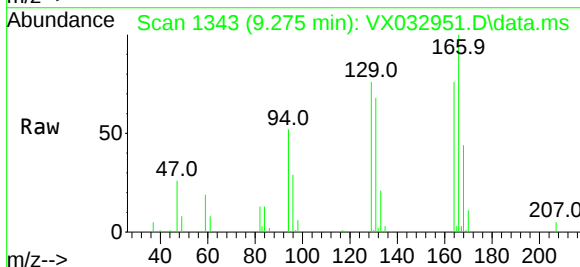
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20221116

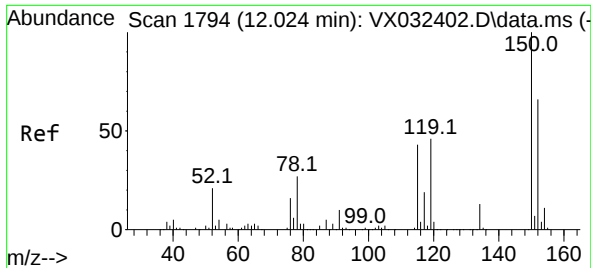
Tgt Ion:117 Resp: 153899
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 33.1 25.7 38.5



#64
Tetrachloroethene
Concen: 5.766 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX032951.D
Acq: 21 Nov 2022 14:46

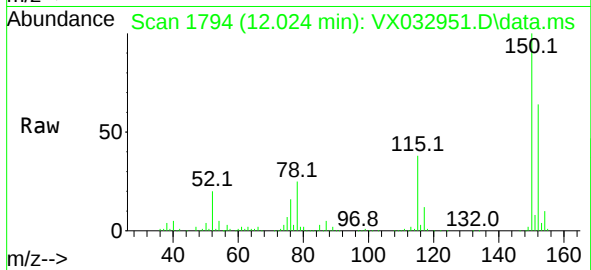
Tgt Ion:164 Resp: 6495
Ion Ratio Lower Upper
164 100
166 131.1 105.4 158.2
129 99.6 78.2 117.2
131 88.7 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032951.D
 Acq: 21 Nov 2022 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20221116



Tgt Ion:152 Resp: 69526
 Ion Ratio Lower Upper
 152 100
 115 59.2 44.0 132.0
 150 155.7 0.0 351.8

