

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024471.D
 Acq On : 23 Sep 2021 23:57
 Operator : JC/MD
 Sample : M3833-13 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20210920

Quant Time: Sep 24 07:41:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

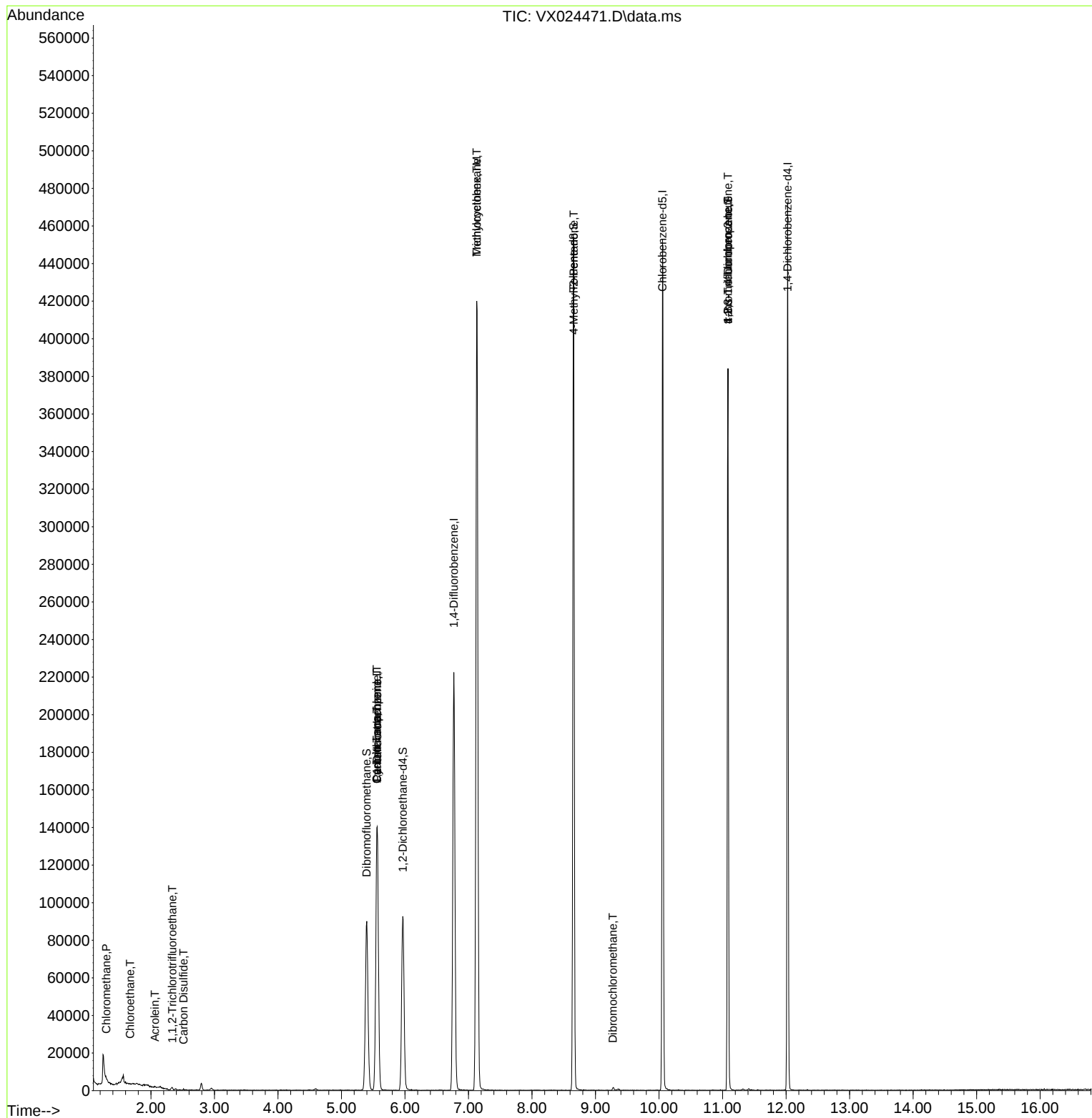
Internal Standards						
1) Pentafluorobenzene	5.562	168	130547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	221917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	96997	52.719	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.440%	
35) Dibromofluoromethane	5.397	113	76569	51.938	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.880%	
50) Toluene-d8	8.653	98	255055	47.006	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 94.020%	
62) 4-Bromofluorobenzene	11.085	95	96808	45.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.760%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	305	0.246	ug/l #	42
6) Chloroethane	1.672	64	378	0.694	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	2.337	101	498	0.386	ug/l	88
11) Tert butyl alcohol	2.947	59	696	Below Cal	#	73
13) Acrolein	2.063	56	21	10.260	ug/l #	14
16) Acetone	2.386	43	645	Below Cal	#	71
17) Carbon Disulfide	2.514	76	385	0.352	ug/l #	89
31) Cyclohexane	5.556	56	2854	1.295	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	10243	4.815	ug/l #	50
38) Carbon Tetrachloride	5.556	117	14134	6.103	ug/l #	16
39) Methylcyclohexane	7.129	83	1994	0.800	ug/l #	1
44) Trichloroethene	7.129	130	161036	96.213	ug/l	97
51) 4-Methyl-2-Pentanone	8.659	43	1323	0.496	ug/l #	1
60) Dibromochloromethane	9.275	129	113	1.247	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	52415	24.771	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52415	67.568	ug/l #	12

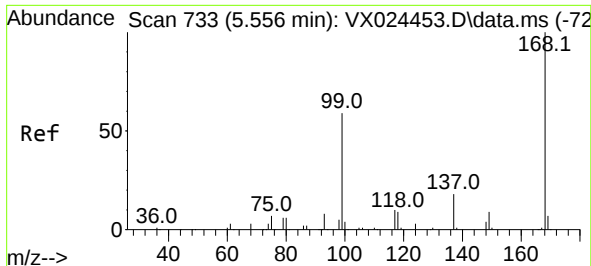
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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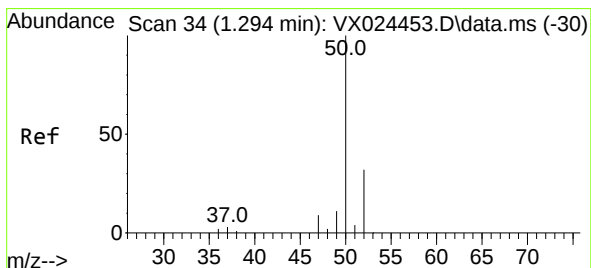
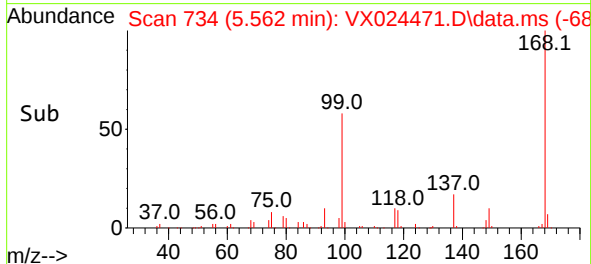
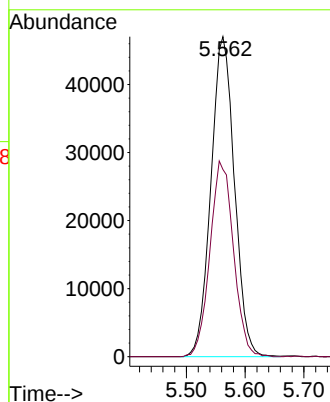
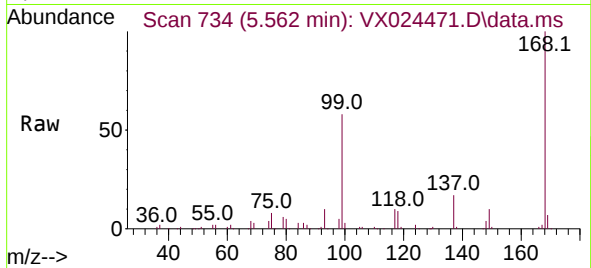




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

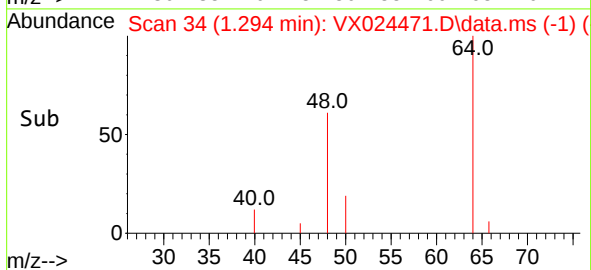
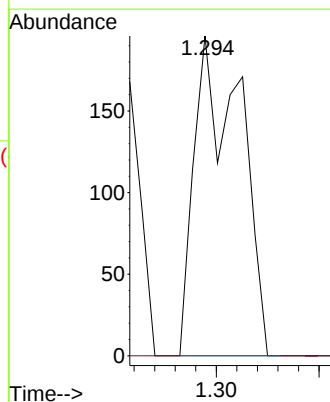
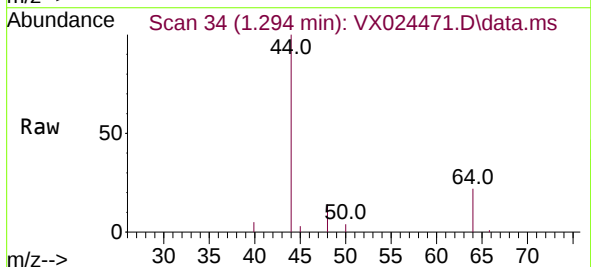
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210920

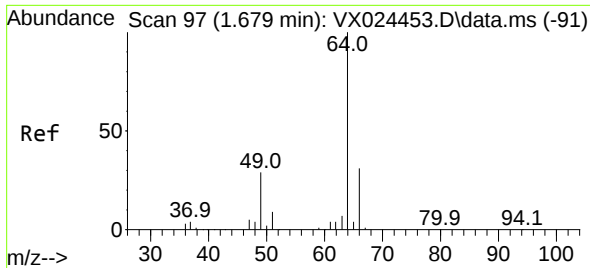
Tgt Ion:168 Resp: 130547
Ion Ratio Lower Upper
168 100
99 58.5 45.8 68.6



#3
Chloromethane
Concen: 0.246 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Tgt Ion: 50 Resp: 305
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

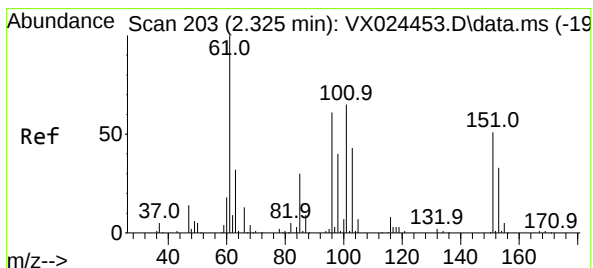
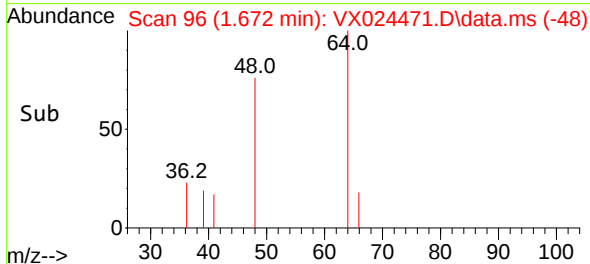
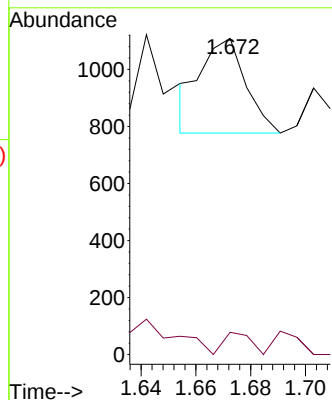
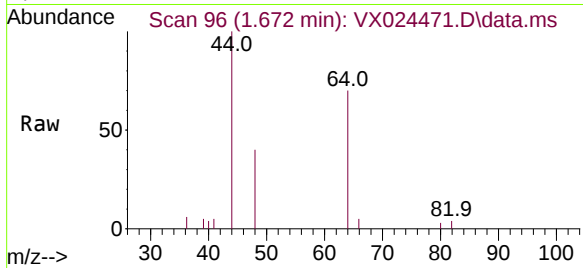




#6
Chloroethane
Concen: 0.694 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

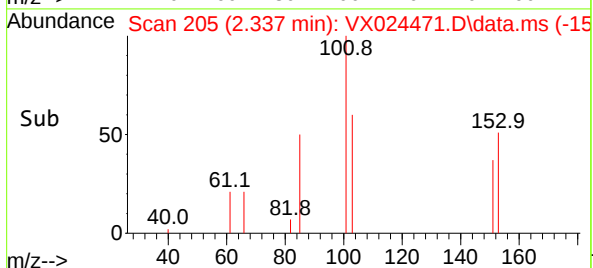
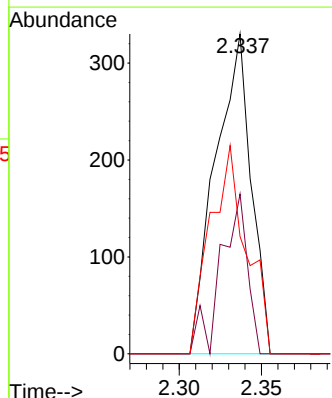
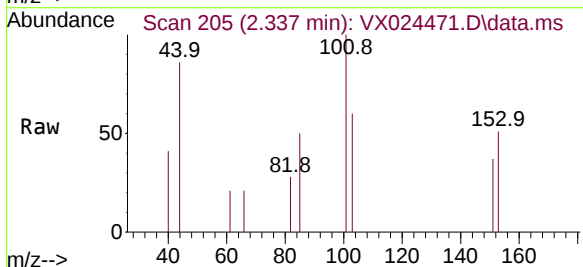
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210920

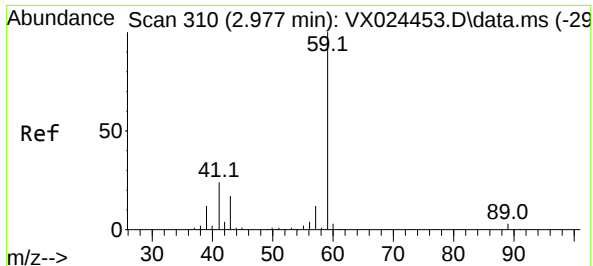
Tgt Ion: 64 Resp: 378
Ion Ratio Lower Upper
64 100
66 4.2 25.4 38.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.386 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Tgt Ion: 101 Resp: 498
Ion Ratio Lower Upper
101 100
85 37.1 34.9 52.3
151 65.9 61.4 92.2



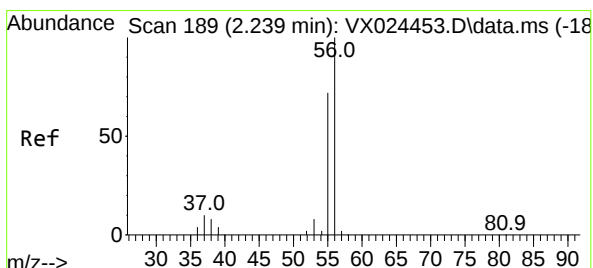
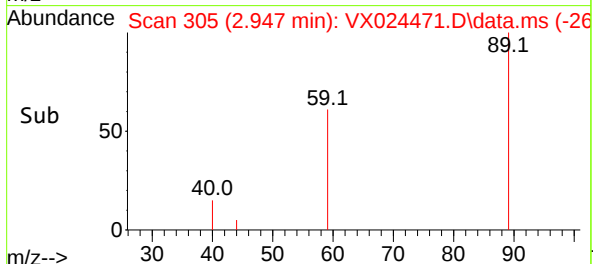
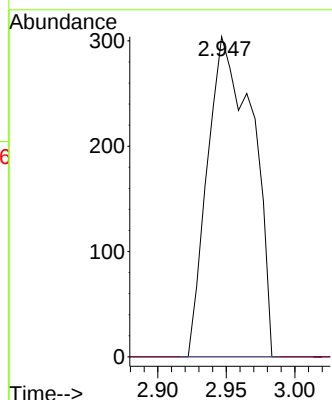
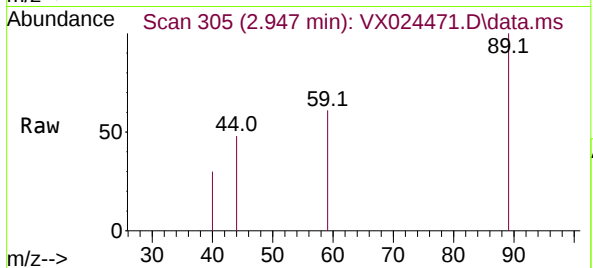


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210920

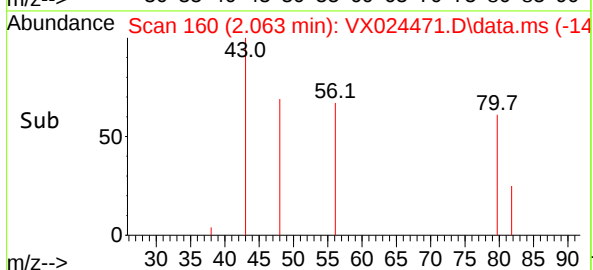
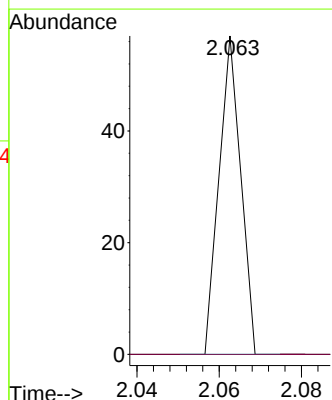
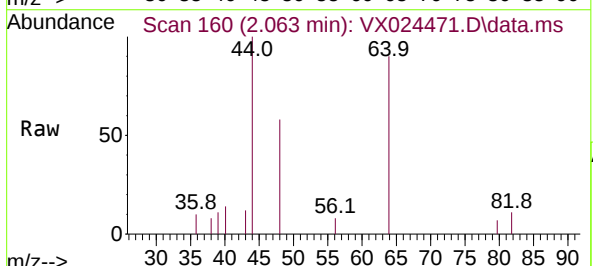
Tgt Ion: 59 Resp: 696
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

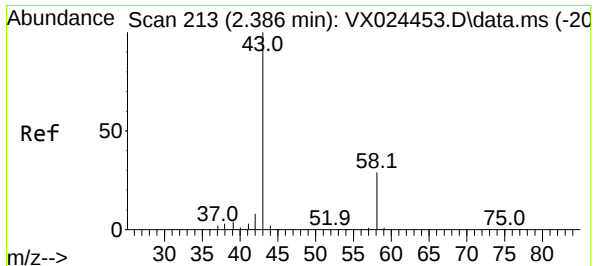


#13

Acrolein
Concen: 10.260 ug/l
RT: 2.063 min Scan# 160
Delta R.T. -0.176 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

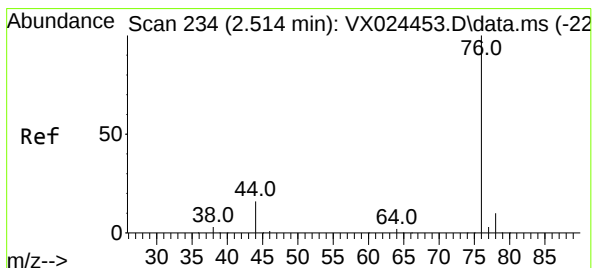
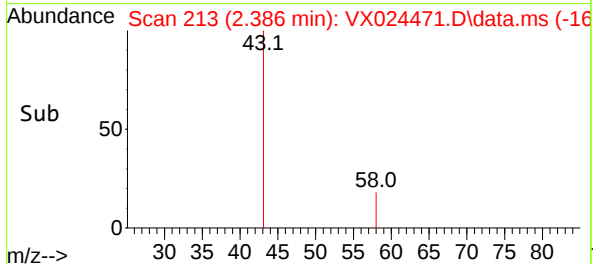
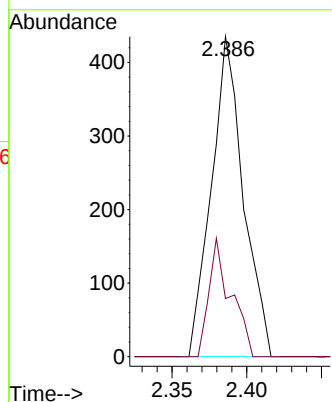
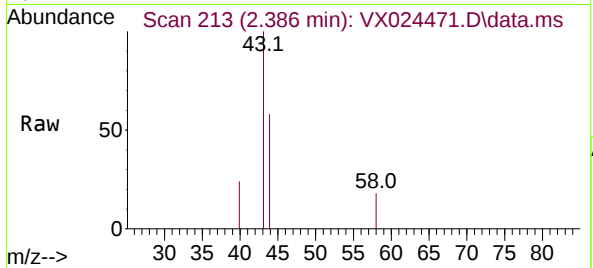




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

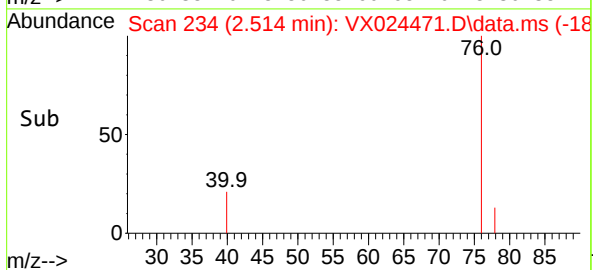
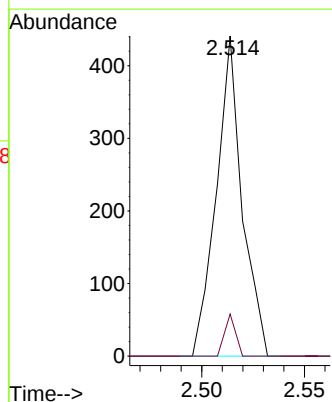
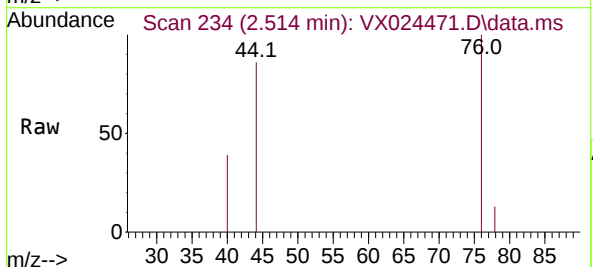
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210920

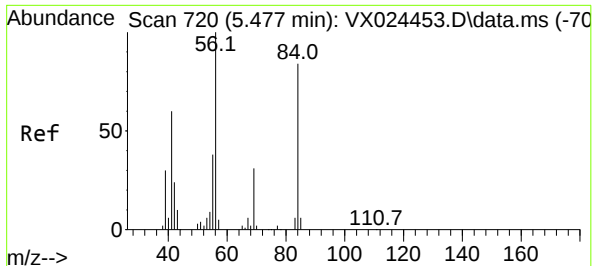
Tgt Ion: 43 Resp: 645
Ion Ratio Lower Upper
43 100
58 18.2 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.352 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Tgt Ion: 76 Resp: 385
Ion Ratio Lower Upper
76 100
78 13.2 7.2 10.8#

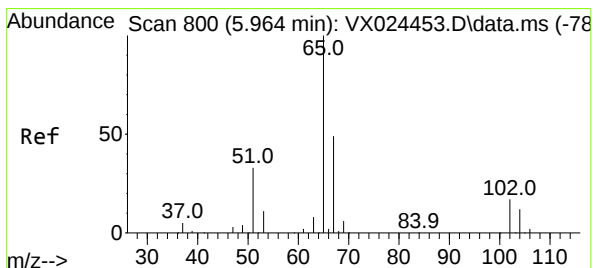
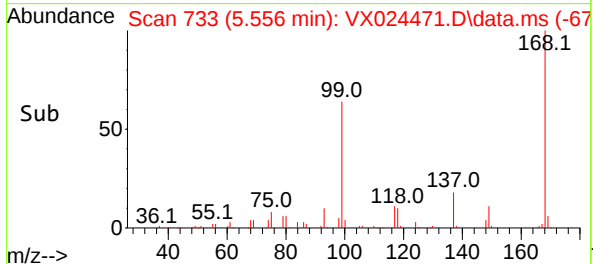
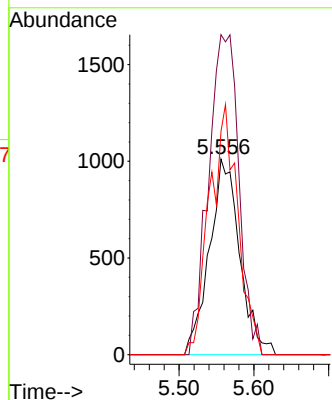
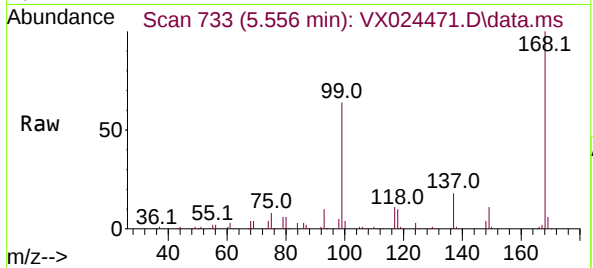




#31
Cyclohexane
Concen: 1.295 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

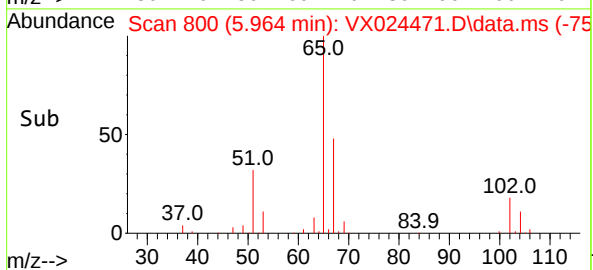
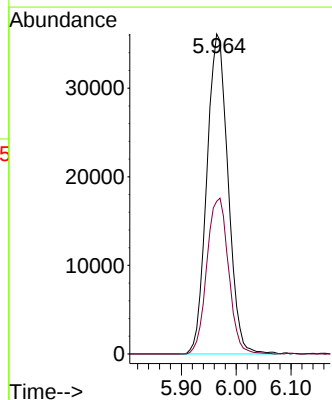
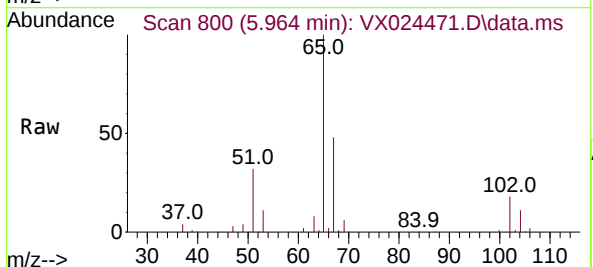
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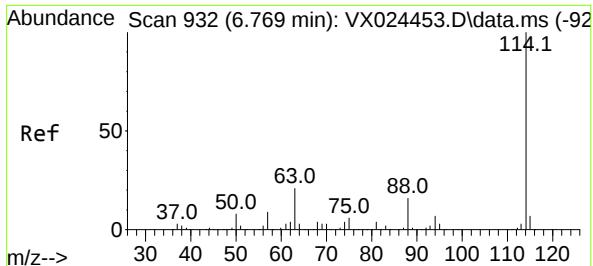
Tgt Ion: 56 Resp: 2854
Ion Ratio Lower Upper
56 100
69 163.7 25.3 37.9#
84 114.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.719 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Tgt Ion: 65 Resp: 96997
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

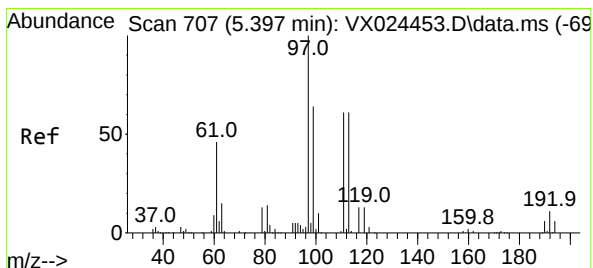
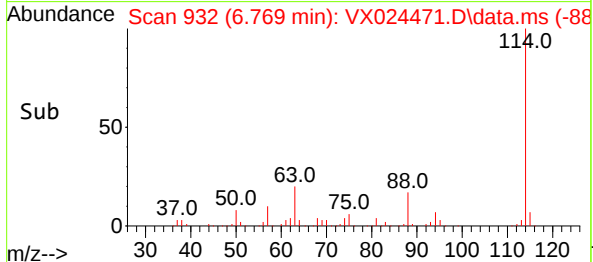
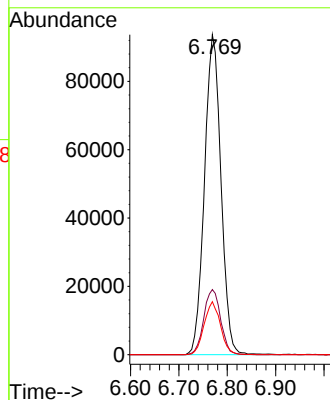
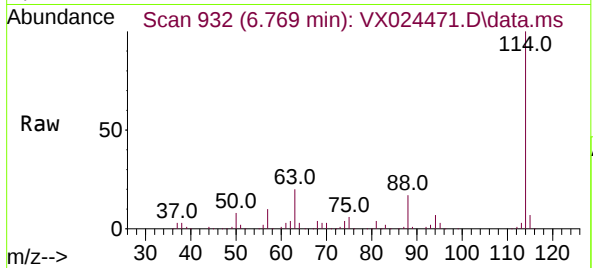




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

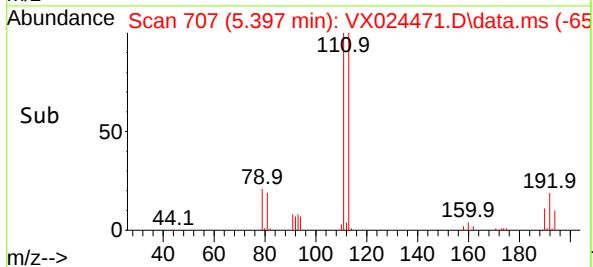
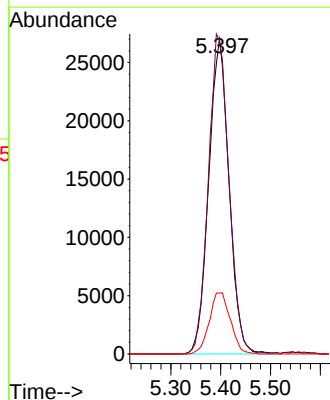
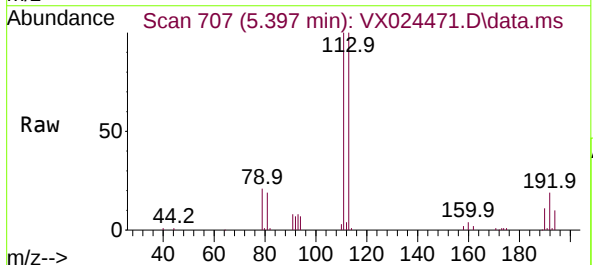
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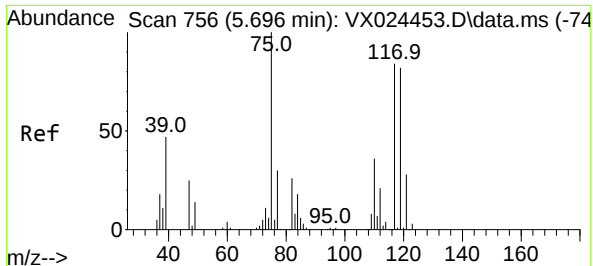
Tgt Ion:114 Resp: 221917
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.938 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Tgt Ion:113 Resp: 76569
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.815 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX024471.D

Acq: 23 Sep 2021 23:57

Tgt Ion: 75 Resp: 10243

Ion Ratio Lower Upper

75 100

110 9.9 18.1 54.4#

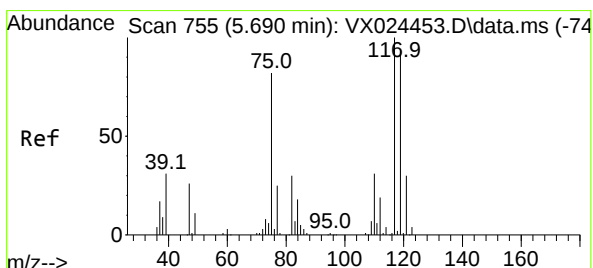
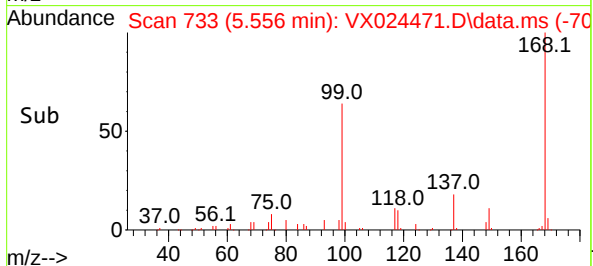
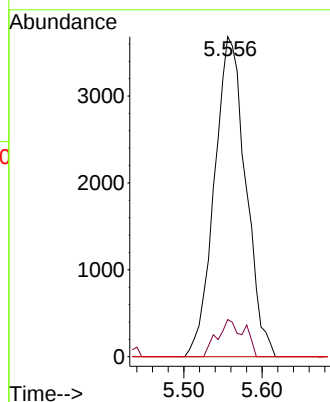
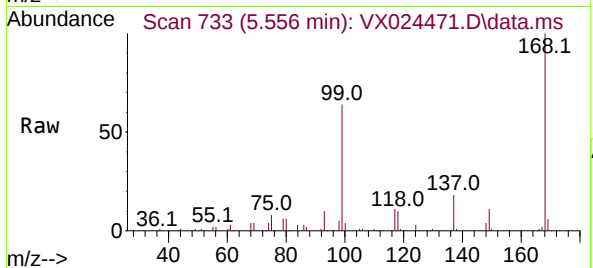
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20210920



#38

Carbon Tetrachloride

Concen: 6.103 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX024471.D

Acq: 23 Sep 2021 23:57

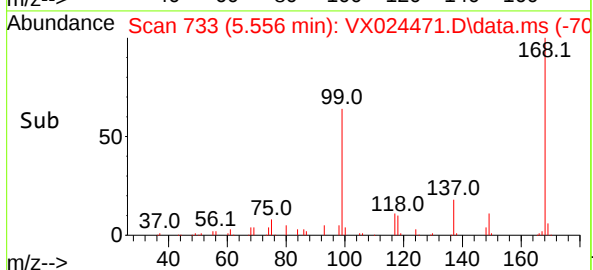
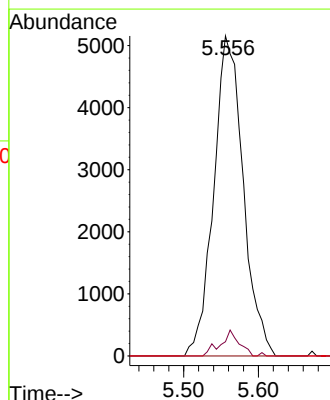
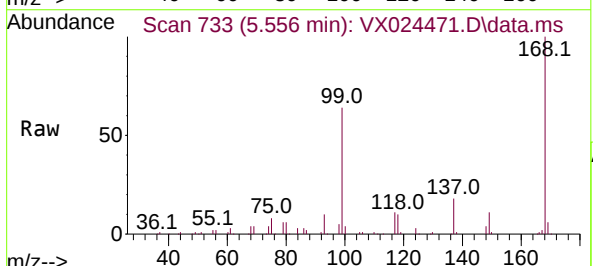
Tgt Ion:117 Resp: 14134

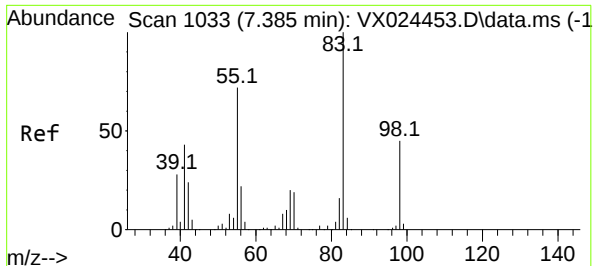
Ion Ratio Lower Upper

117 100

119 4.4 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.800 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX024471.D

Acq: 23 Sep 2021 23:57

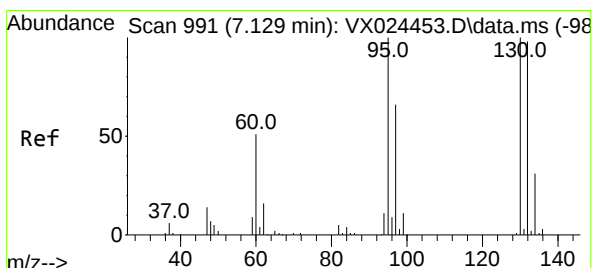
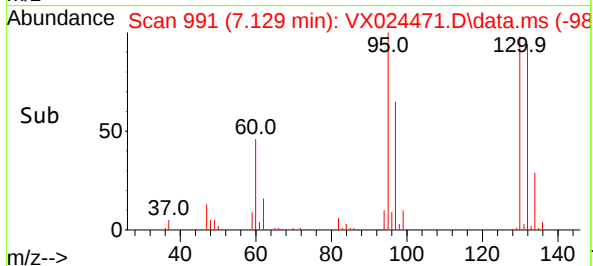
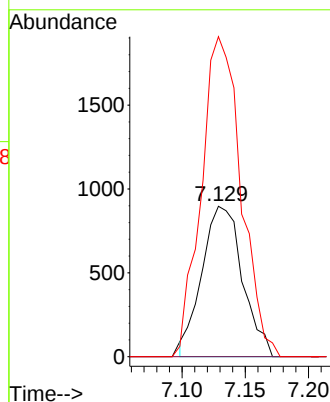
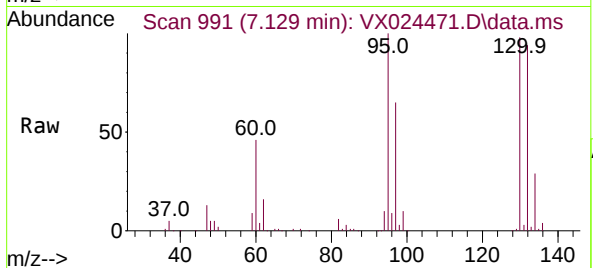
Tgt Ion:	83	Resp:	1994
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	212.7	38.1	57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20210920



#44

Trichloroethene

Concen: 96.213 ug/l

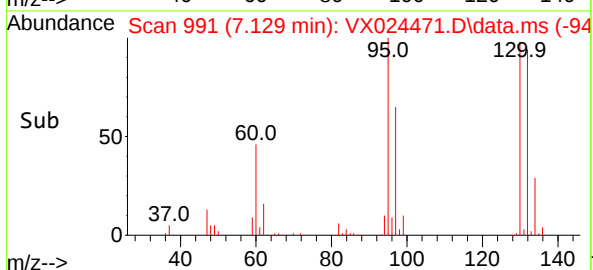
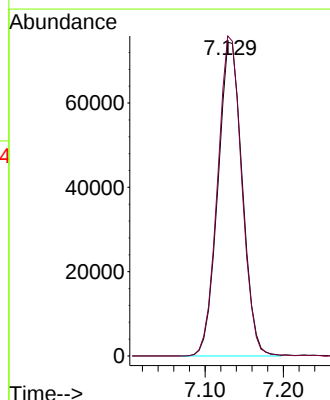
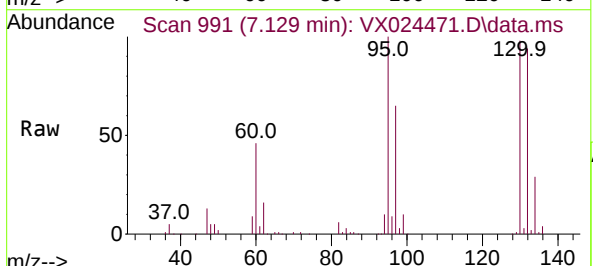
RT: 7.129 min Scan# 991

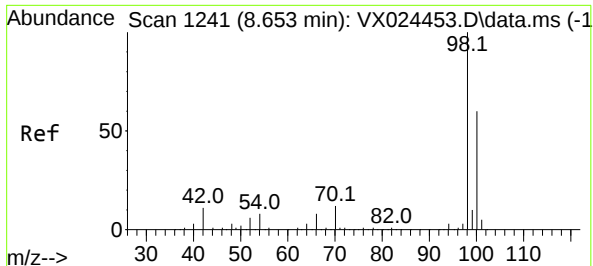
Delta R.T. -0.000 min

Lab File: VX024471.D

Acq: 23 Sep 2021 23:57

Tgt Ion:	130	Resp:	161036
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	198.0





#50

Toluene-d8

Concen: 47.006 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024471.D

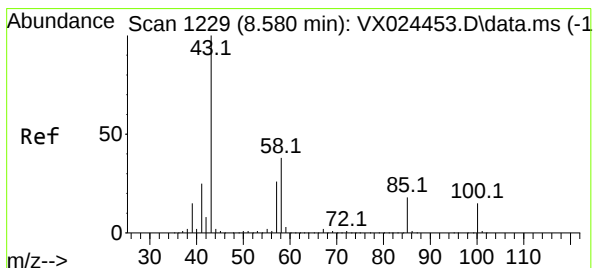
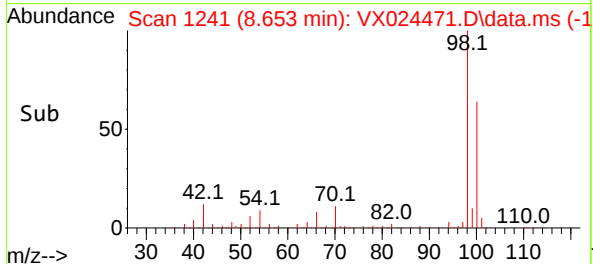
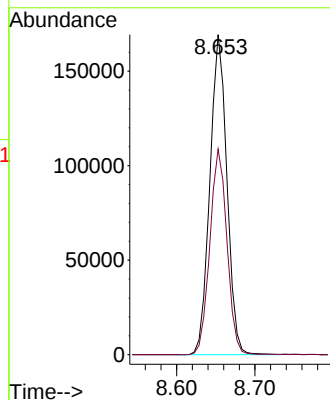
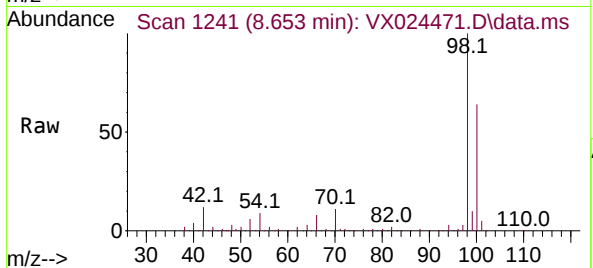
Acq: 23 Sep 2021 23:57

Tgt Ion: 98 Resp: 255055

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.496 ug/l

RT: 8.659 min Scan# 1242

Delta R.T. 0.079 min

Lab File: VX024471.D

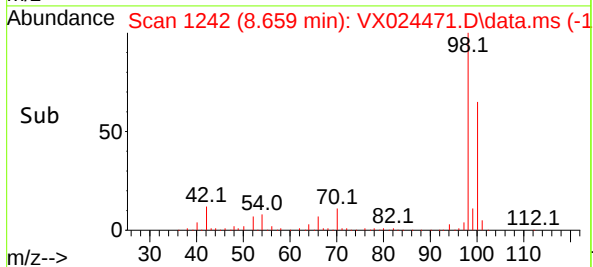
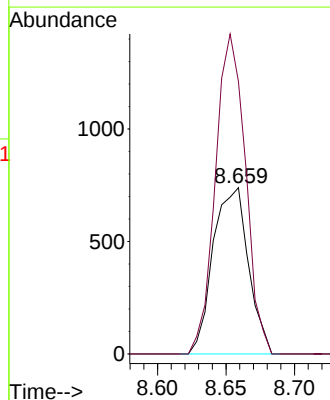
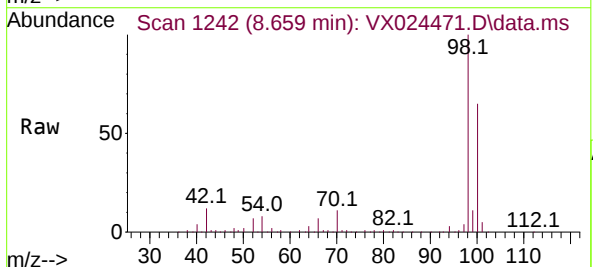
Acq: 23 Sep 2021 23:57

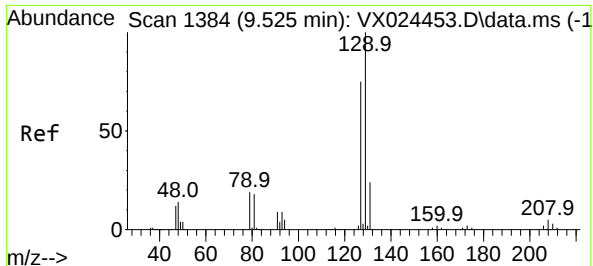
Tgt Ion: 43 Resp: 1323

Ion Ratio Lower Upper

43 100

58 164.0 35.4 53.0#

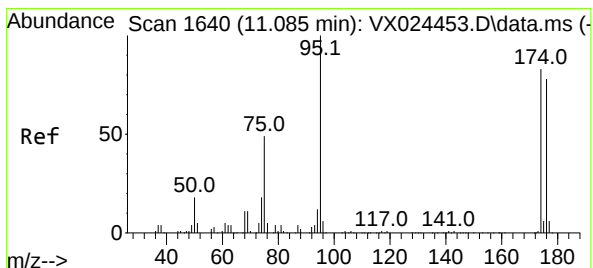
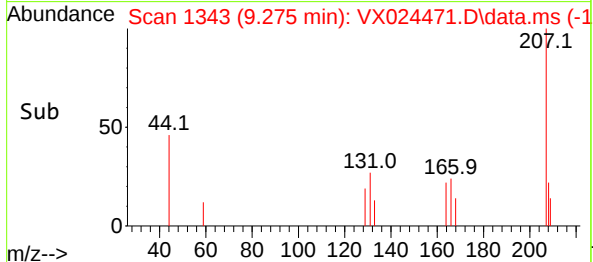
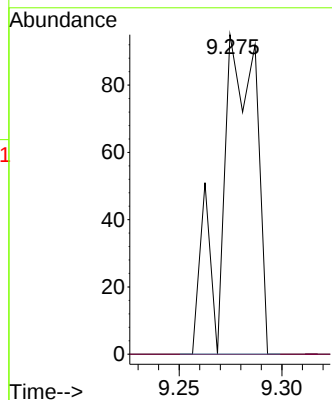
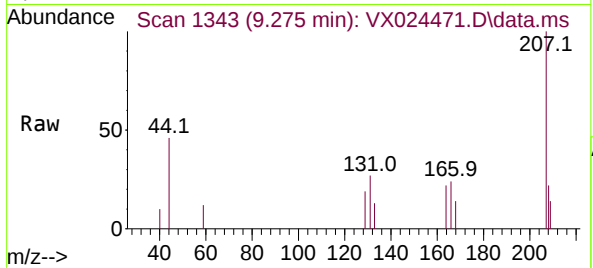




#60
Dibromochloromethane
Concen: 1.247 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

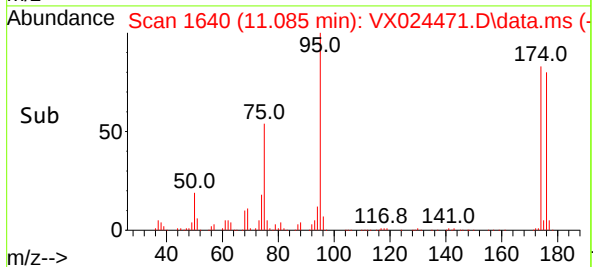
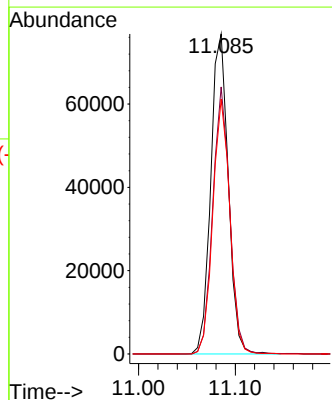
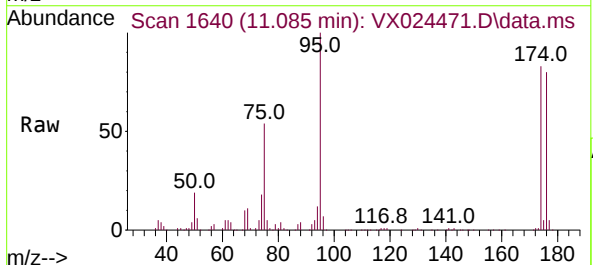
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210920

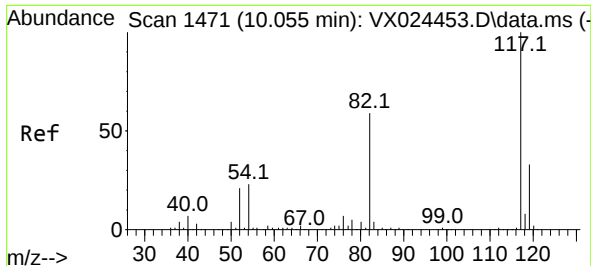
Tgt Ion:129 Resp: 113
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.377 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Tgt Ion: 95 Resp: 96808
Ion Ratio Lower Upper
95 100
174 80.8 0.0 154.6
176 77.5 0.0 155.8

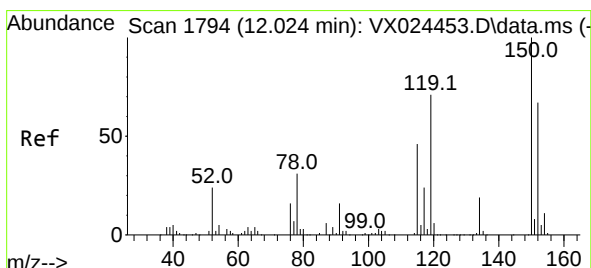
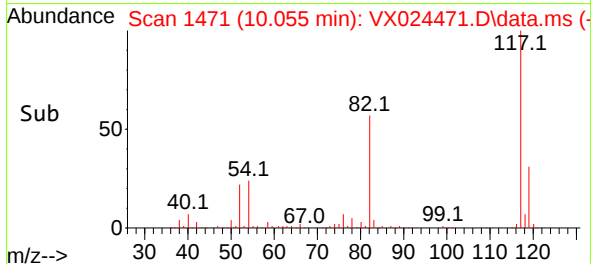
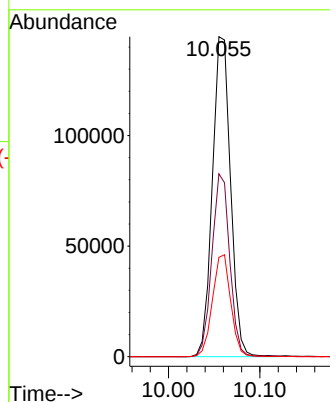
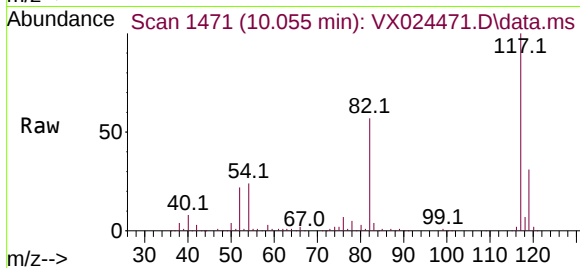




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

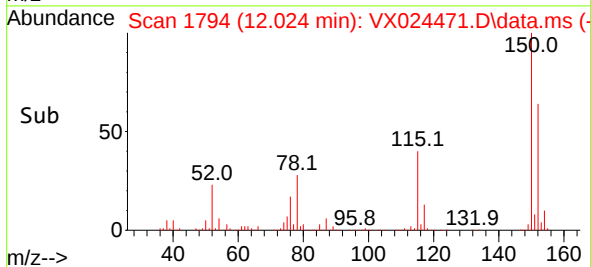
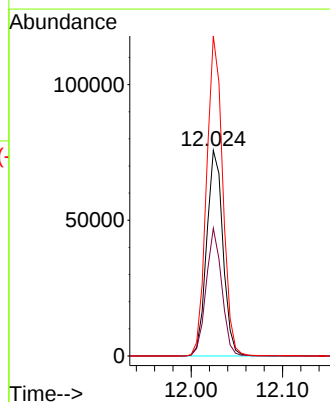
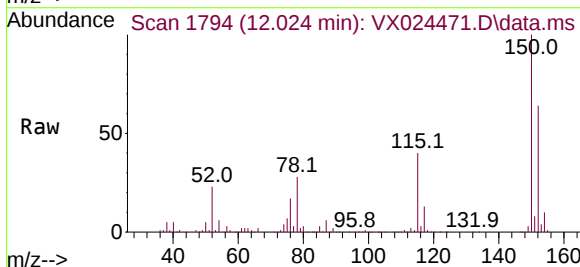
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210920

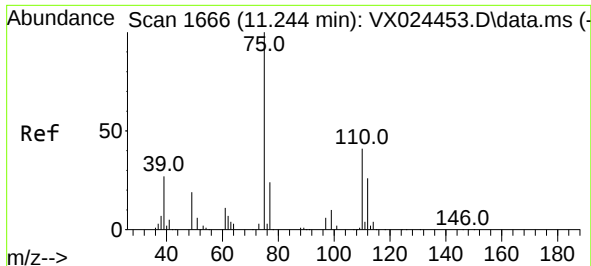
Tgt Ion:117 Resp: 199755
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Tgt Ion:152 Resp: 93175
Ion Ratio Lower Upper
152 100
115 59.7 41.1 123.3
150 154.4 0.0 349.0

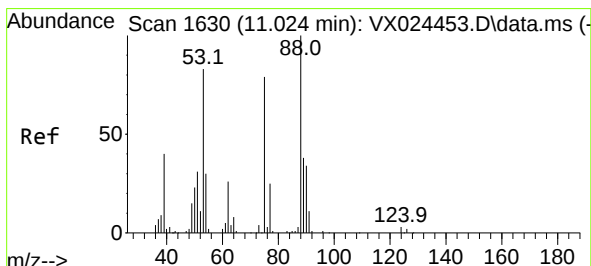
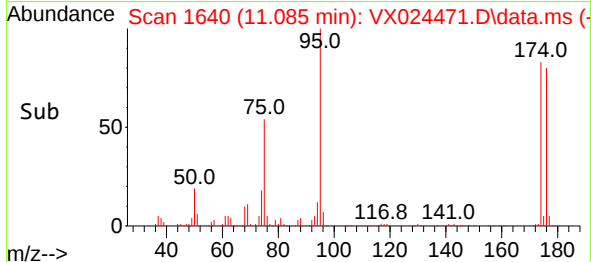
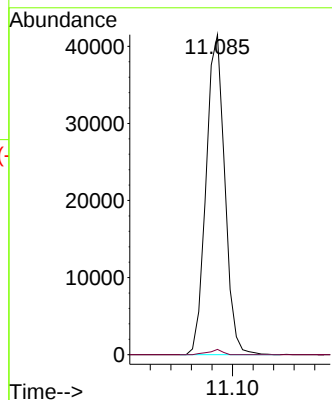
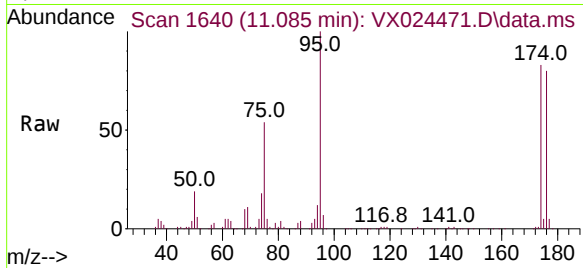




#76
1,2,3-Trichloropropane
Concen: 24.771 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20210920

Tgt Ion: 75 Resp: 52415
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.568 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024471.D
Acq: 23 Sep 2021 23:57

Tgt Ion: 75 Resp: 52415
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

