

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024331.D
 Acq On : 18 Sep 2021 00:59
 Operator : JC/MD
 Sample : M3782-20 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20210915

Quant Time: Sep 20 02:43:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

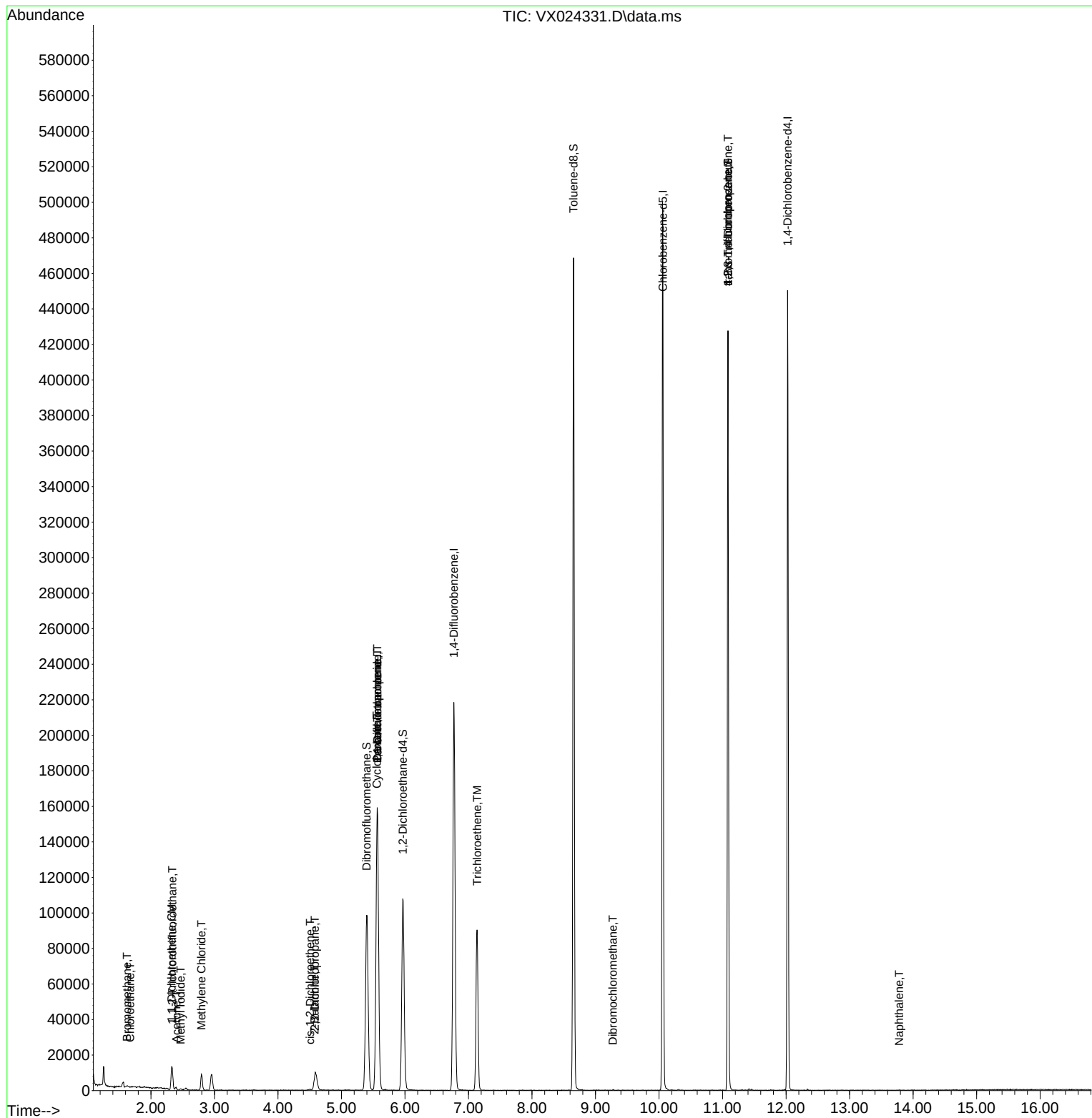
Internal Standards						
1) Pentafluorobenzene	5.562	168	147775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217955	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	218447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110118	52.257	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.520%		
35) Dibromofluoromethane	5.397	113	85380	58.411	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 116.820%		
50) Toluene-d8	8.653	98	263314	49.449	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.900%		
62) 4-Bromofluorobenzene	11.085	95	105175	50.753	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.500%		
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	627	0.713	ug/l	96
6) Chloroethane	1.672	64	281	2.226	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	3357	2.307	ug/l	94
10) Methyl Iodide	2.465	142	825	0.410	ug/l #	82
11) Tert butyl alcohol	2.953	59	5757	Below Cal	#	73
12) 1,1-Dichloroethene	2.325	96	2118	1.554	ug/l #	79
16) Acetone	2.398	43	1586	1.765	ug/l #	84
20) Methylene Chloride	2.794	84	3885	2.252	ug/l #	91
25) 2-Butanone	4.574	43	273	0.206	ug/l #	45
26) 2,2-Dichloropropane	4.580	77	744	0.298	ug/l #	52
27) cis-1,2-Dichloroethene	4.507	96	402	0.233	ug/l	81
31) Cyclohexane	5.556	56	3279	1.330	ug/l #	6
36) 1,1-Dichloropropene	5.562	75	12031	6.004	ug/l #	49
38) Carbon Tetrachloride	5.562	117	15679	6.952	ug/l #	15
44) Trichloroethene	7.135	130	34021	21.068	ug/l	92
60) Dibromochloromethane	9.275	129	64	1.760	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57004	27.577	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57004	81.106	ug/l #	12
95) Naphthalene	13.780	128	194	1.316	ug/l #	69

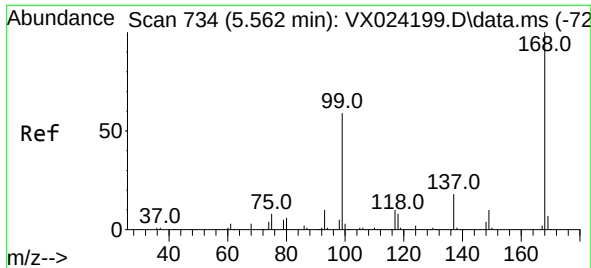
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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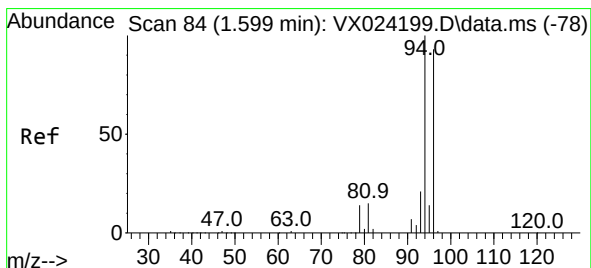
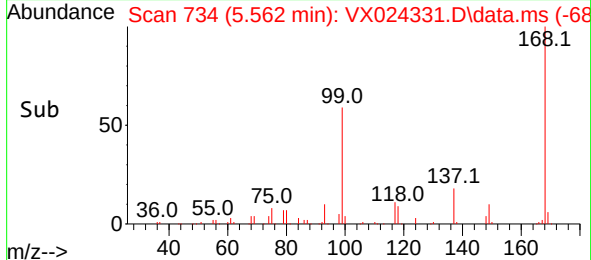
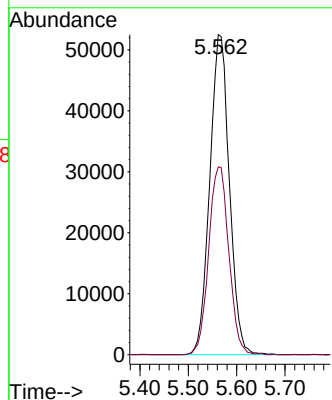
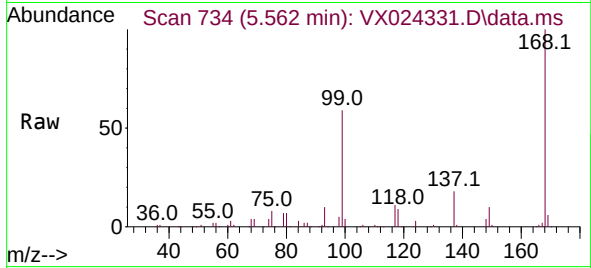




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

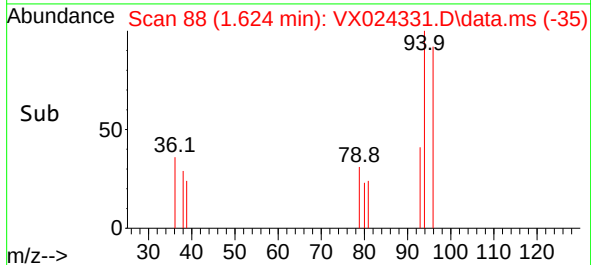
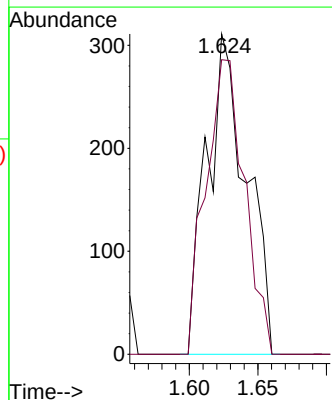
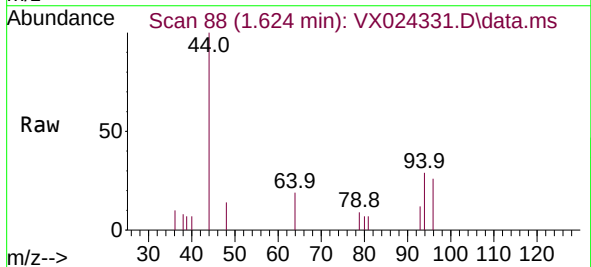
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

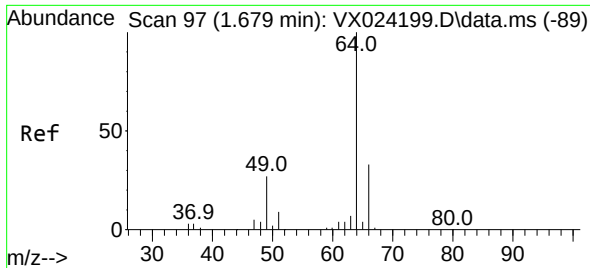
Tgt Ion:168 Resp: 147775
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#5
Bromomethane
Concen: 0.713 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Tgt Ion: 94 Resp: 627
Ion Ratio Lower Upper
94 100
96 92.0 76.4 114.6

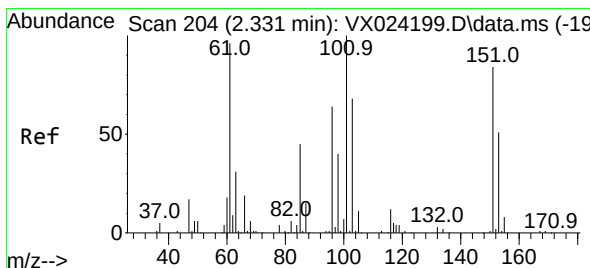
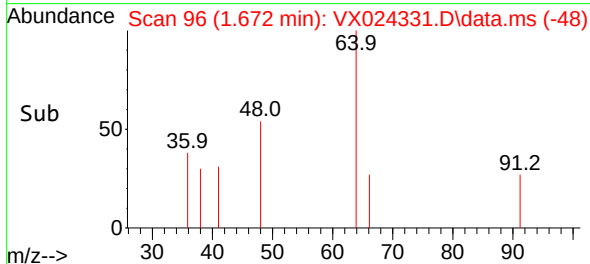
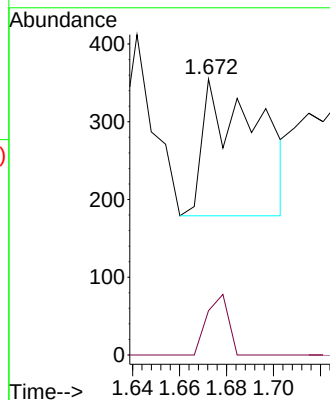
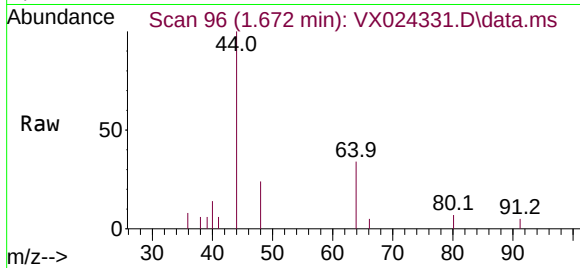




#6
Chloroethane
Concen: 2.226 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

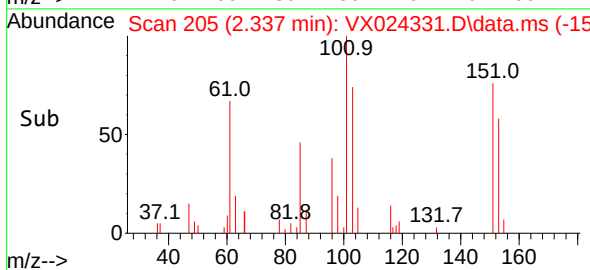
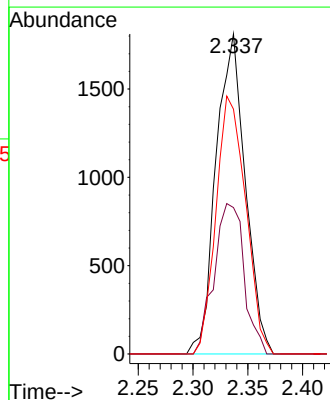
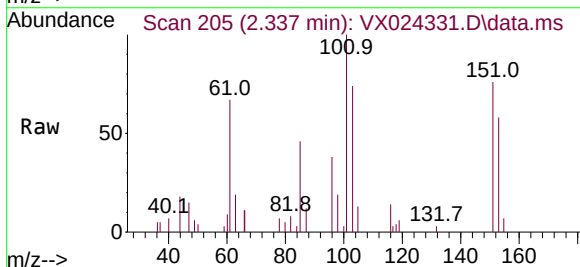
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

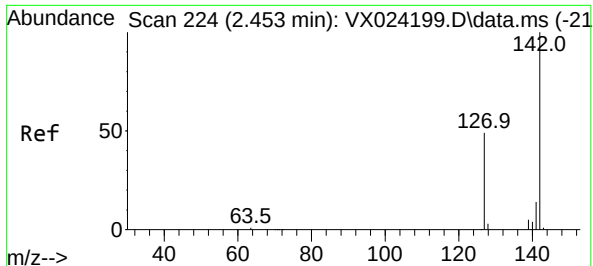
Tgt Ion: 64 Resp: 281
Ion Ratio Lower Upper
64 100
66 32.4 25.4 38.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.307 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

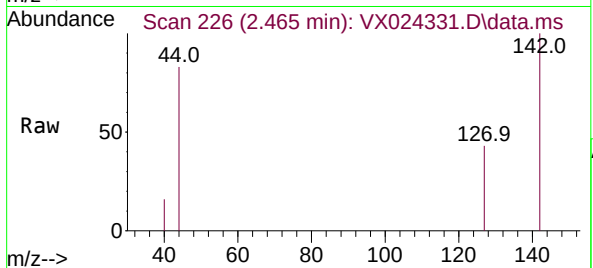
Tgt Ion: 101 Resp: 3357
Ion Ratio Lower Upper
101 100
85 48.2 34.9 52.3
151 82.0 61.4 92.2



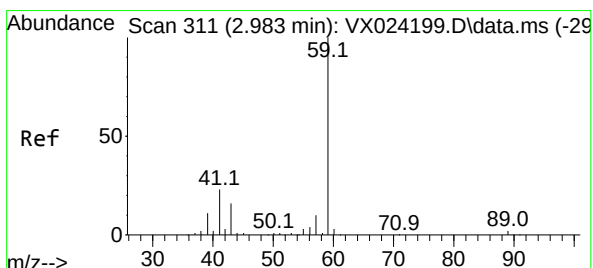
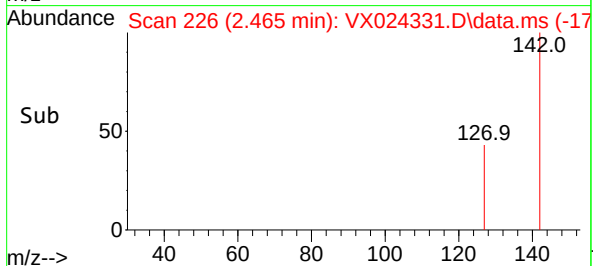
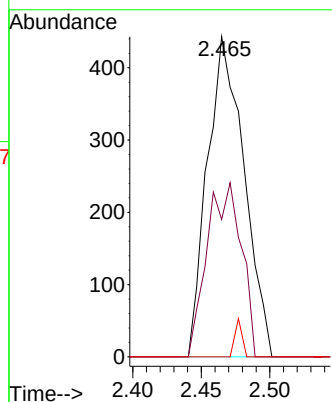


#10
Methyl Iodide
Concen: 0.410 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

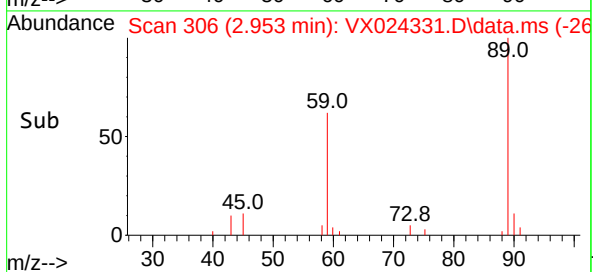
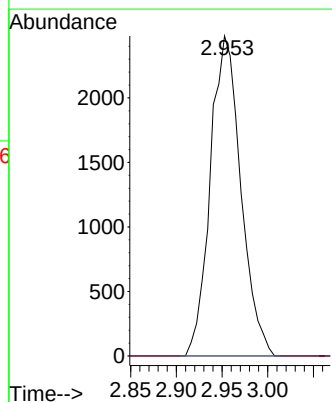
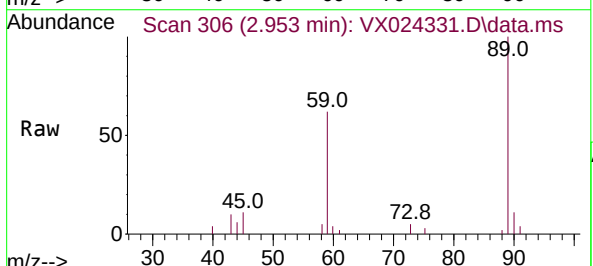


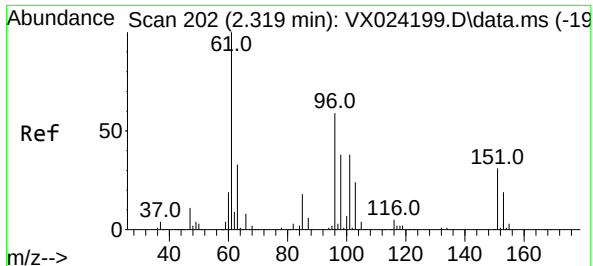
Tgt Ion:142 Resp: 825
Ion Ratio Lower Upper
142 100
127 50.7 33.3 49.9#
141 2.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Tgt Ion: 59 Resp: 5757
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.554 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024331.D

Acq: 18 Sep 2021 00:59

Tgt Ion: 96 Resp: 2118

Ion Ratio Lower Upper

96 100

61 192.3 124.6 187.0#

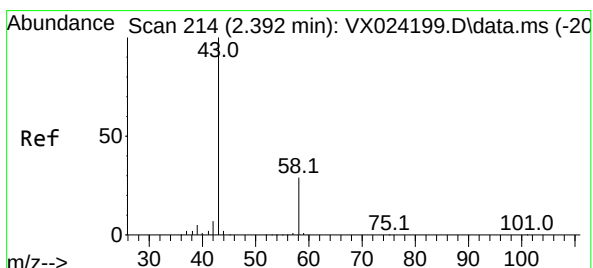
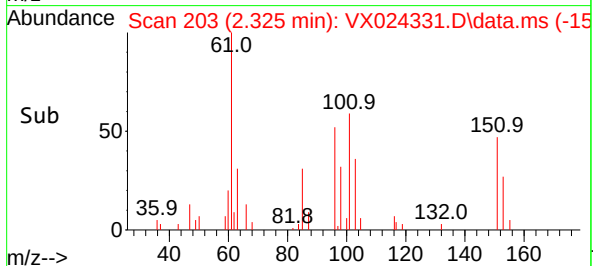
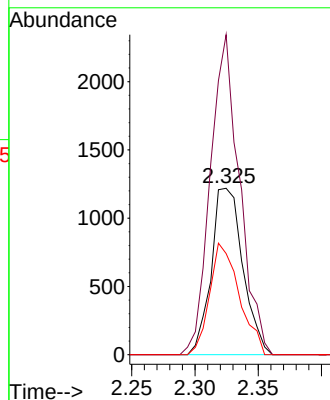
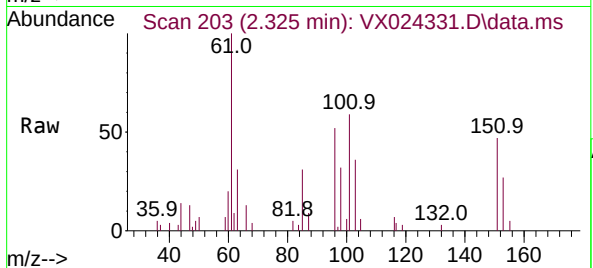
98 60.8 50.6 76.0

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20210915



#16

Acetone

Concen: 1.765 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX024331.D

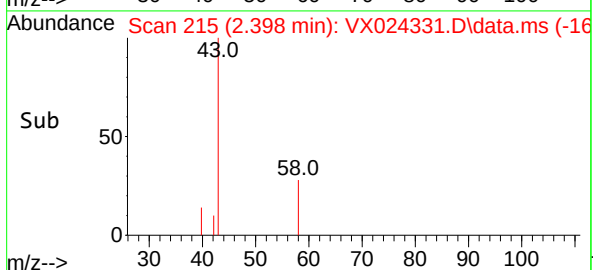
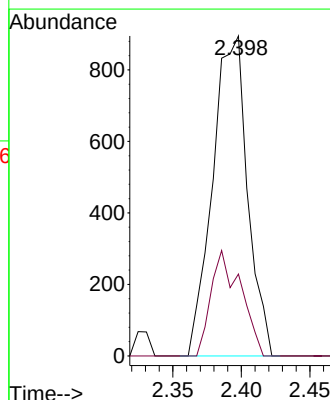
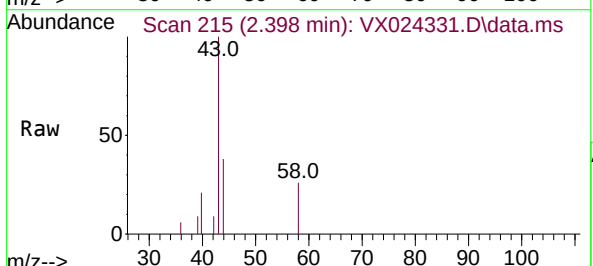
Acq: 18 Sep 2021 00:59

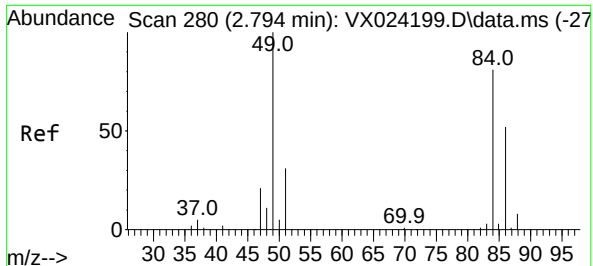
Tgt Ion: 43 Resp: 1586

Ion Ratio Lower Upper

43 100

58 25.6 27.8 41.8#





#20

Methylene Chloride

Concen: 2.252 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024331.D

Acq: 18 Sep 2021 00:59

Instrument :

MSVOA_X

ClientSampleId :

DUP05-20210915

Tgt Ion: 84 Resp: 3885

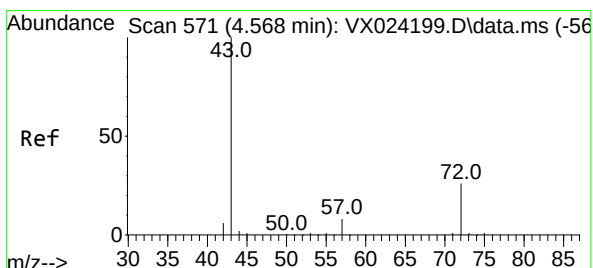
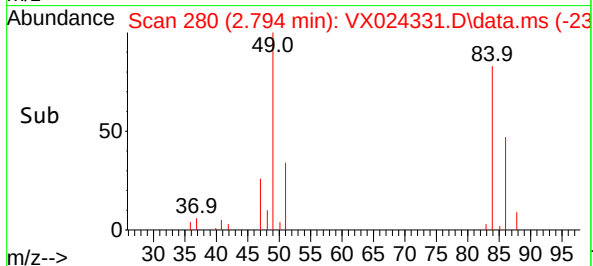
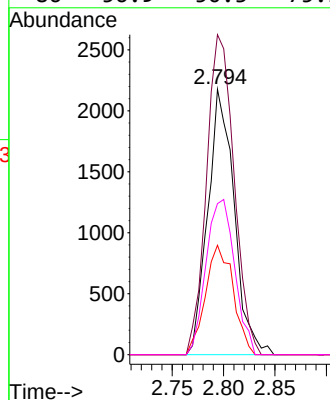
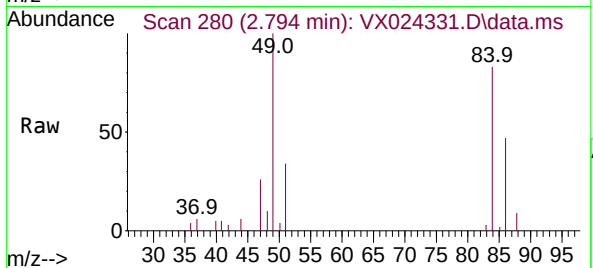
Ion Ratio Lower Upper

84 100

49 120.6 88.6 132.8

51 41.2 27.0 40.6#

86 56.9 50.3 75.5



#25

2-Butanone

Concen: 0.206 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX024331.D

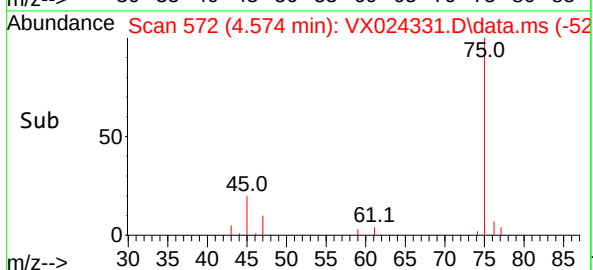
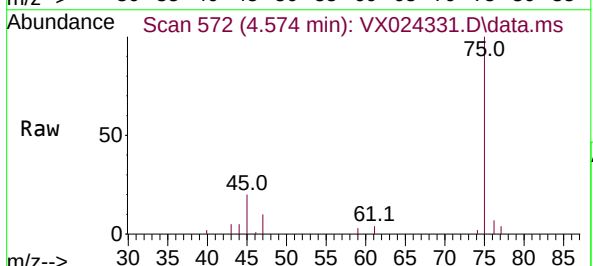
Acq: 18 Sep 2021 00:59

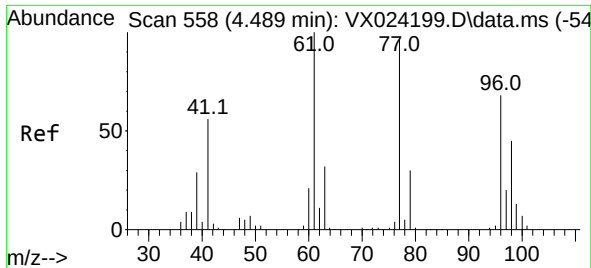
Tgt Ion: 43 Resp: 273

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.298 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.091 min

Lab File: VX024331.D

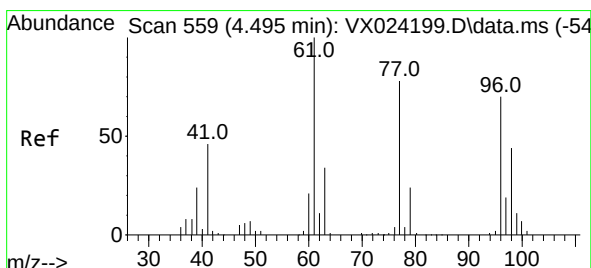
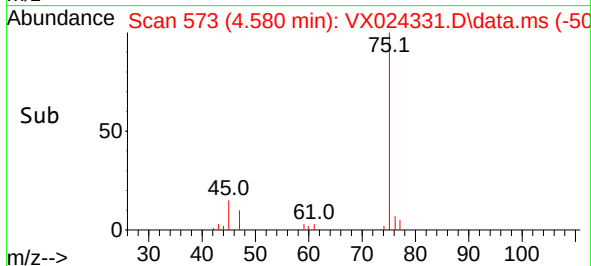
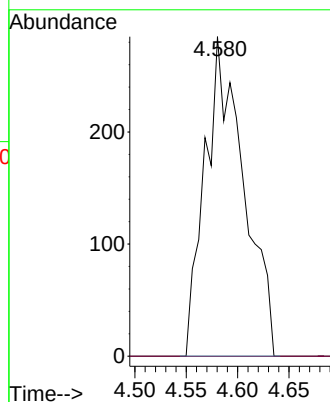
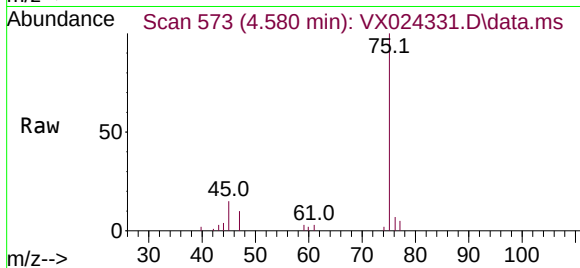
Acq: 18 Sep 2021 00:59

Tgt Ion: 77 Resp: 744

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#27

cis-1,2-Dichloroethene

Concen: 0.233 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.012 min

Lab File: VX024331.D

Acq: 18 Sep 2021 00:59

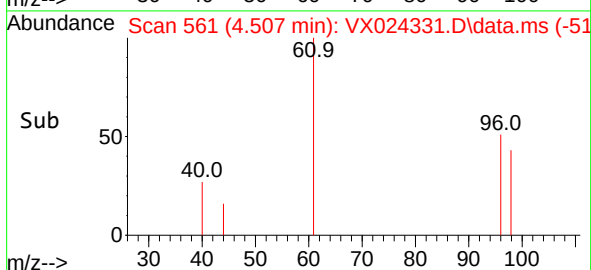
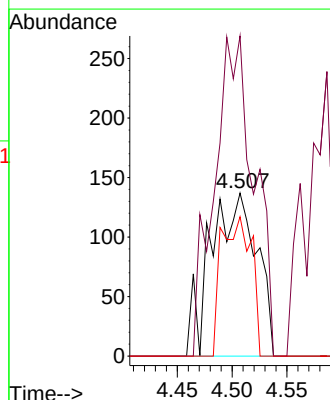
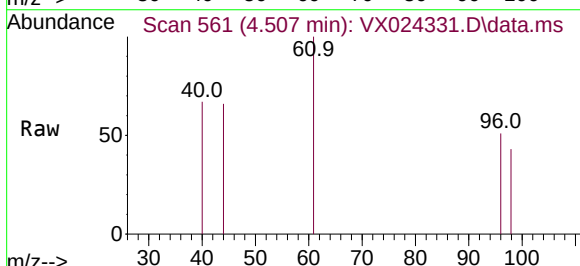
Tgt Ion: 96 Resp: 402

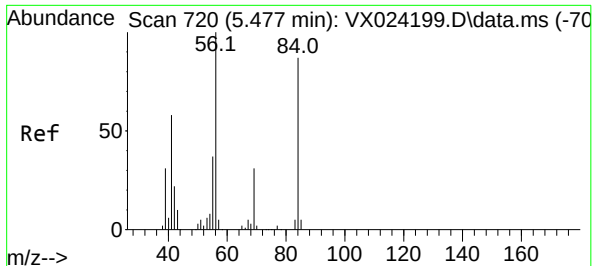
Ion Ratio Lower Upper

96 100

61 169.9 0.0 285.6

98 55.5 0.0 129.6

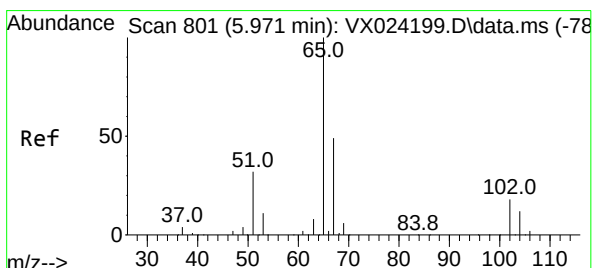
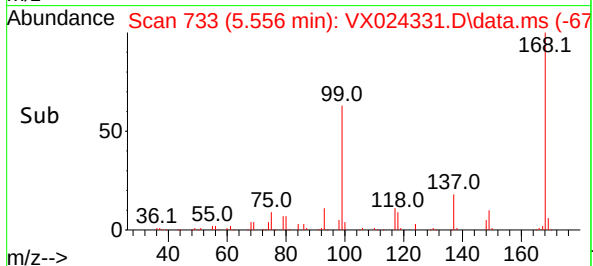
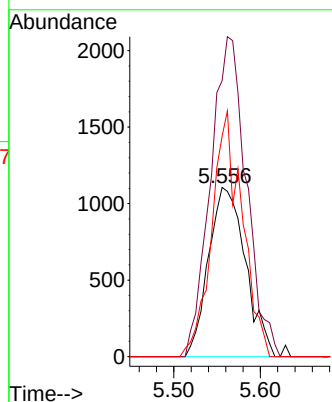
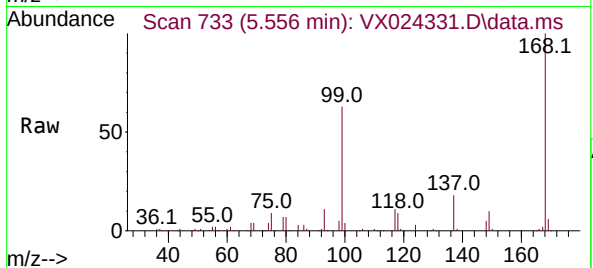




#31
Cyclohexane
Concen: 1.330 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

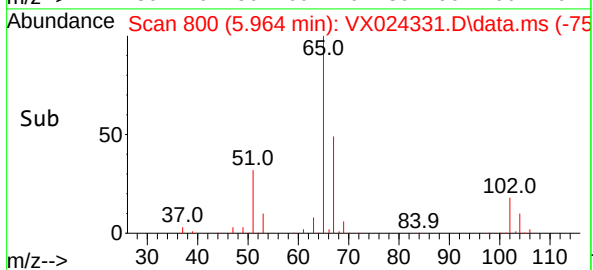
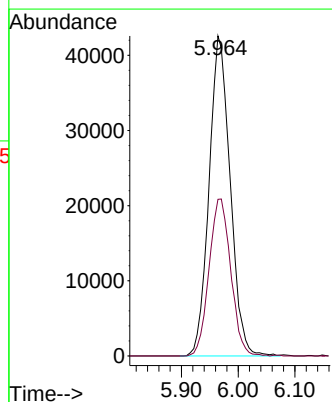
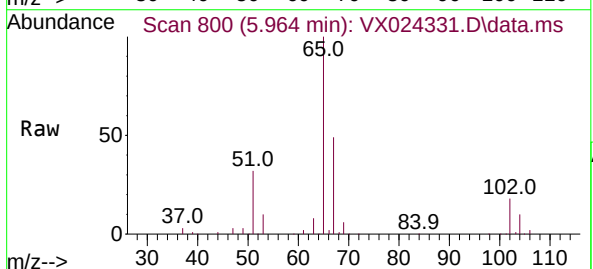
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

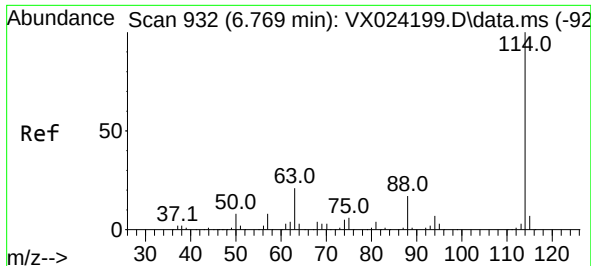
Tgt Ion: 56 Resp: 3279
Ion Ratio Lower Upper
56 100
69 163.0 25.3 37.9#
84 130.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.257 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Tgt Ion: 65 Resp: 110118
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

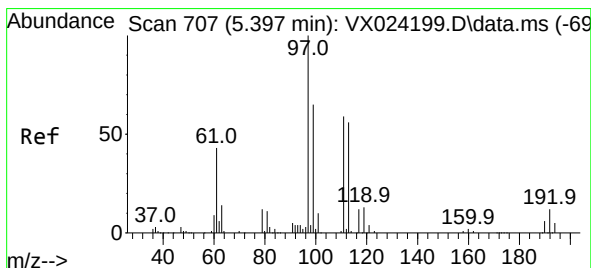
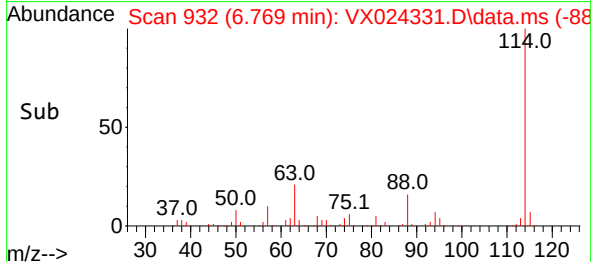
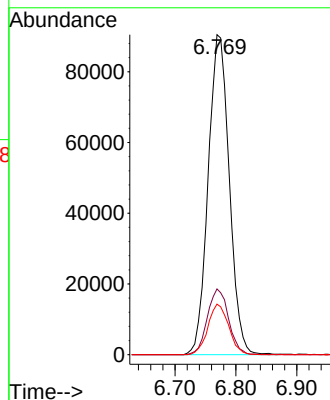
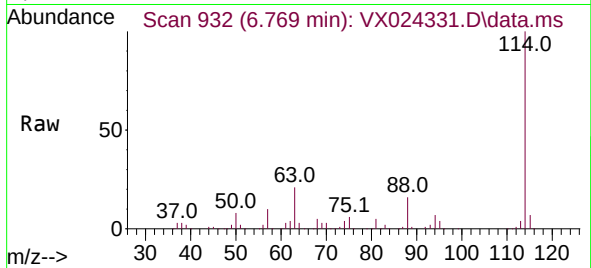




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

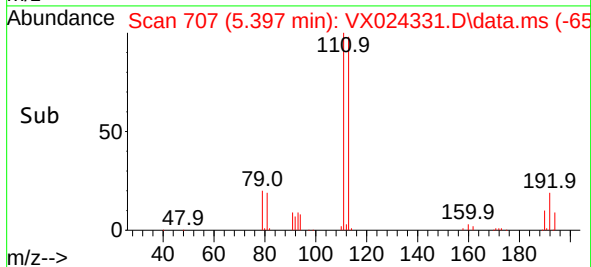
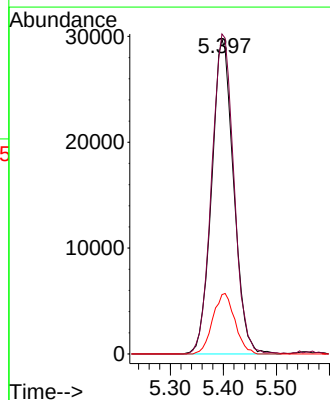
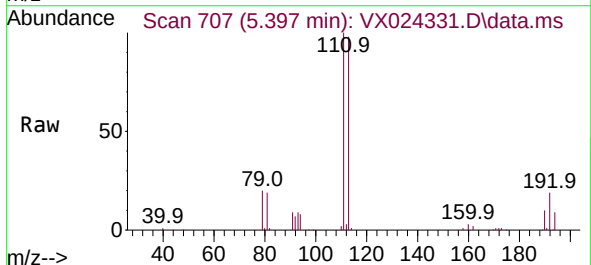
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

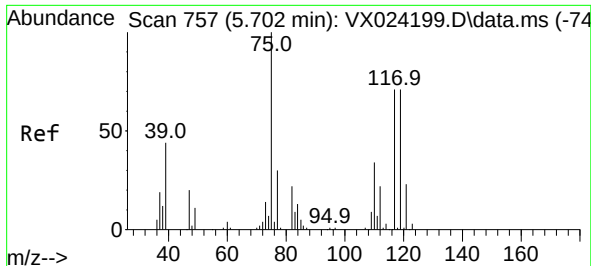
Tgt Ion:114 Resp: 217955
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 58.411 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Tgt Ion:113 Resp: 85380
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.4 16.7 25.1

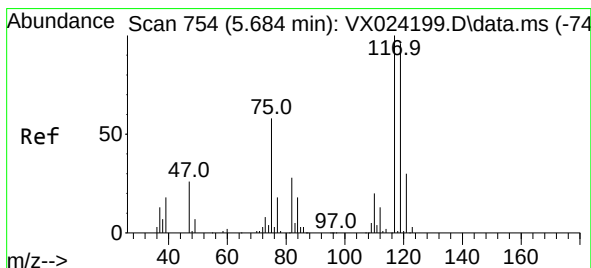
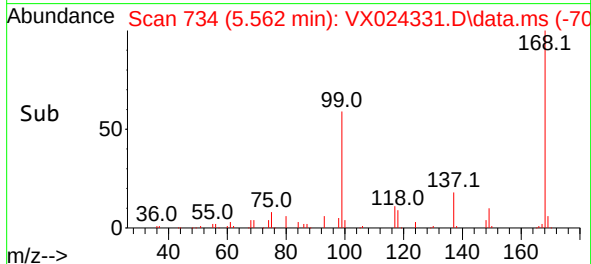
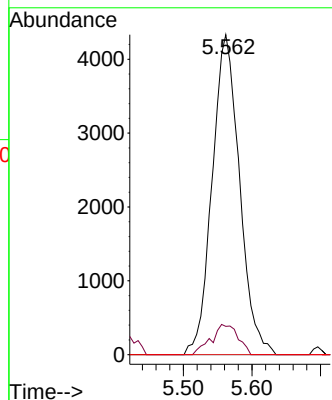
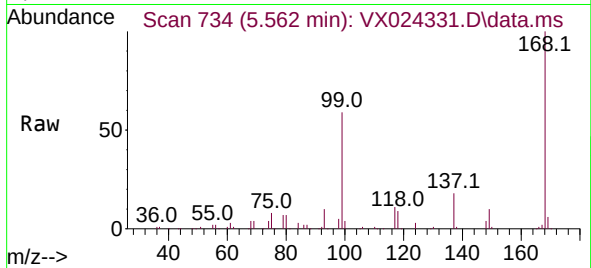




#36
1,1-Dichloropropene
Concen: 6.004 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

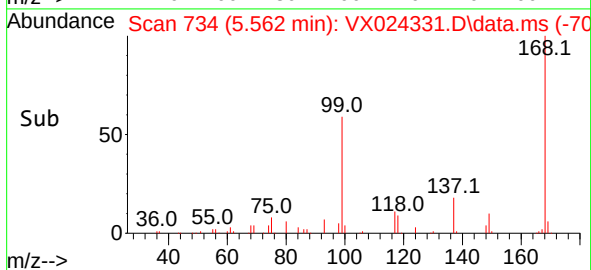
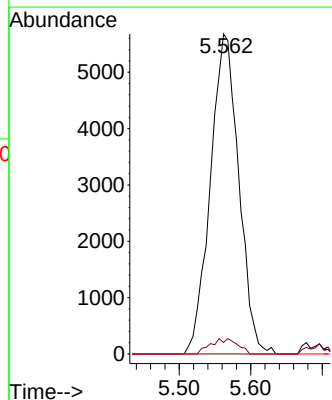
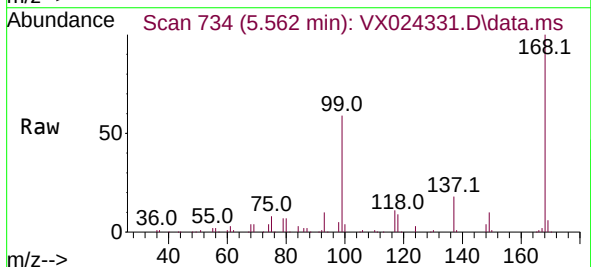
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

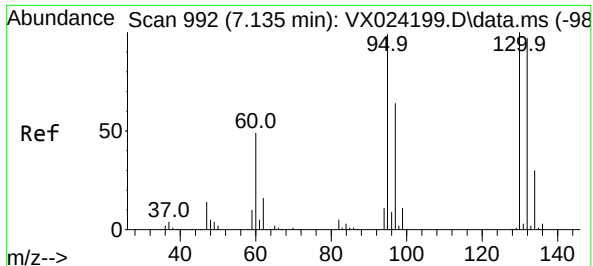
Tgt Ion: 75 Resp: 12031
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.952 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Tgt Ion: 117 Resp: 15679
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#

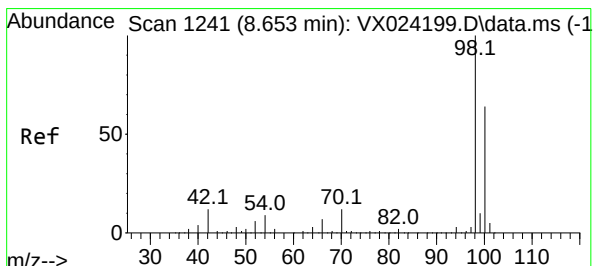
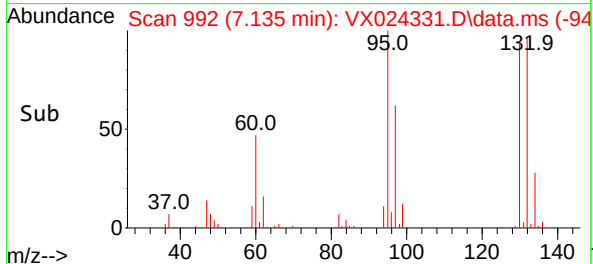
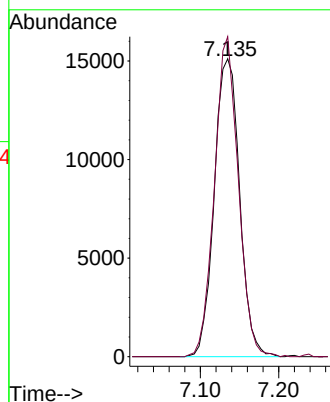
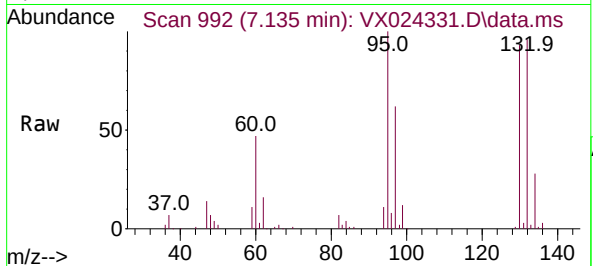




#44
Trichloroethene
Concen: 21.068 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

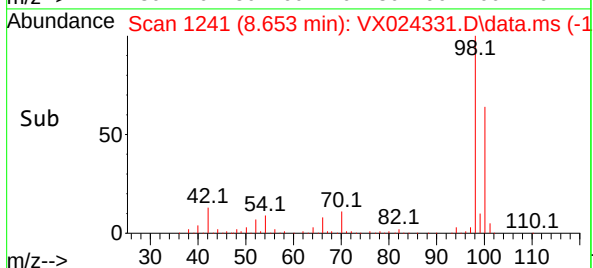
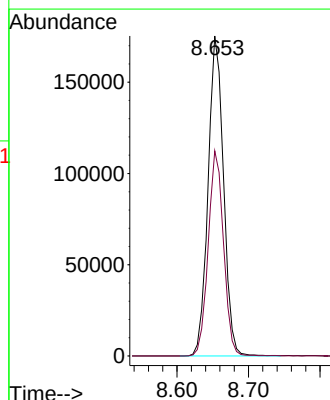
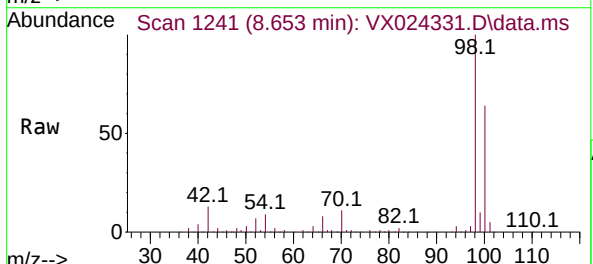
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

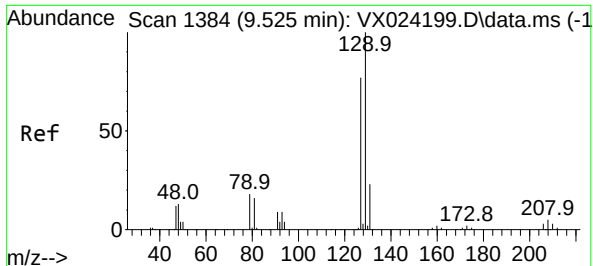
Tgt Ion:130 Resp: 34021
Ion Ratio Lower Upper
130 100
95 107.4 0.0 198.0



#50
Toluene-d8
Concen: 49.449 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Tgt Ion: 98 Resp: 263314
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

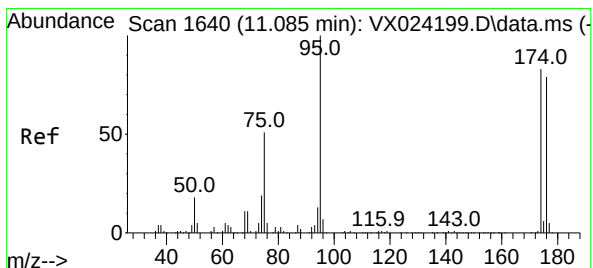
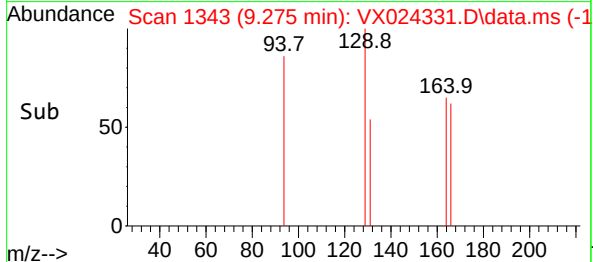
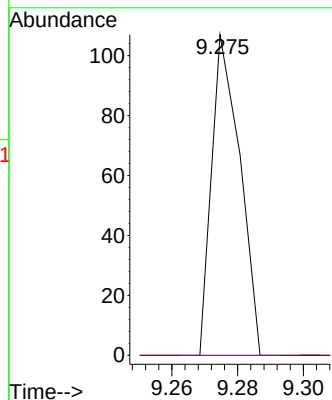
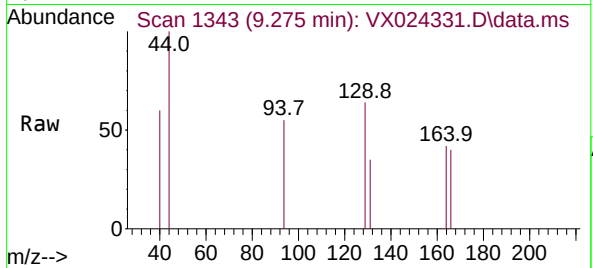




#60
Dibromochloromethane
Concen: 1.760 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

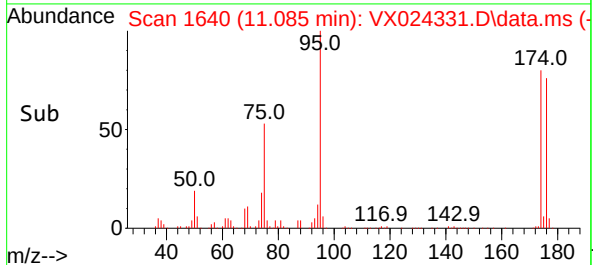
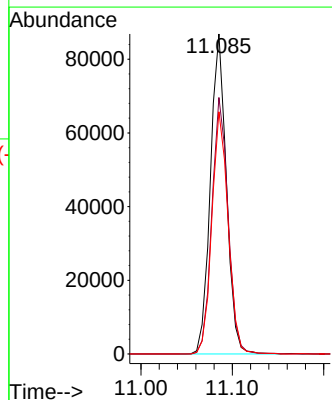
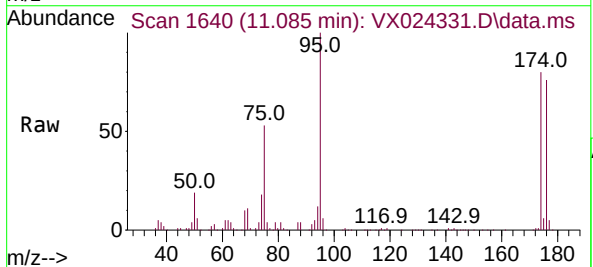
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

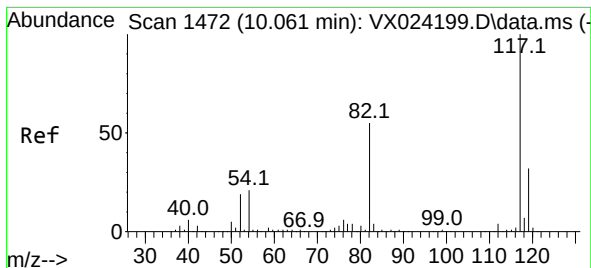
Tgt Ion:129 Resp: 64
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 50.753 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Tgt Ion: 95 Resp: 105175
Ion Ratio Lower Upper
95 100
174 81.3 0.0 154.6
176 77.2 0.0 155.8

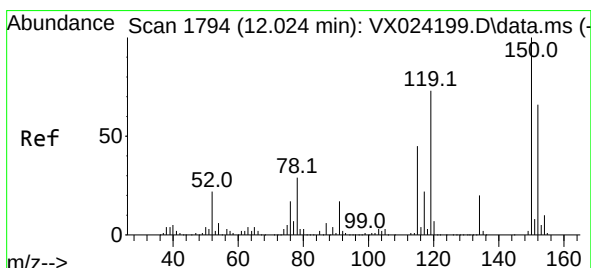
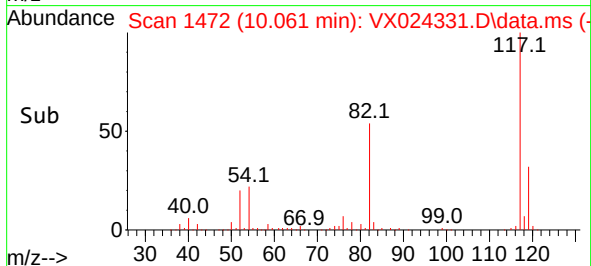
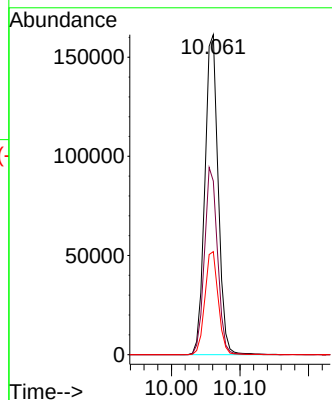
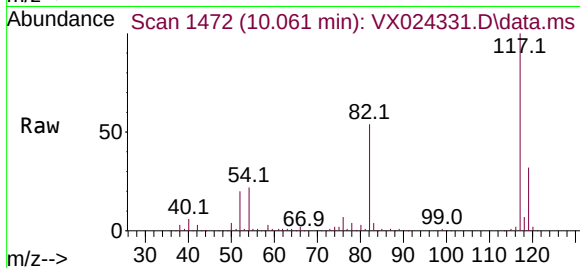




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

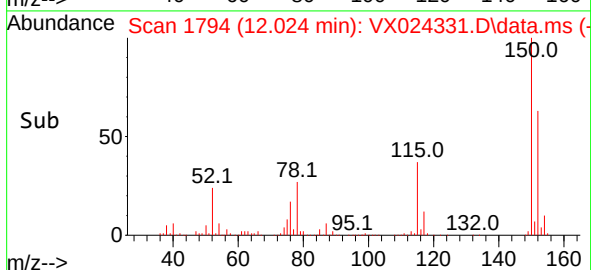
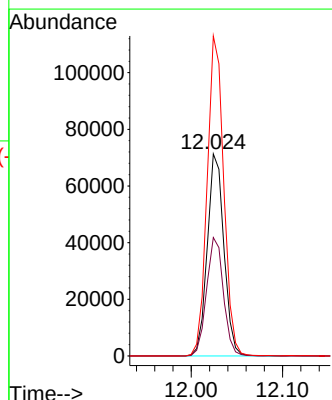
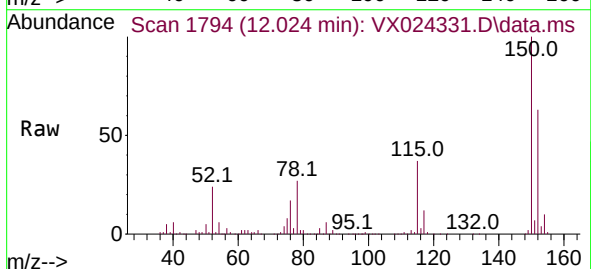
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

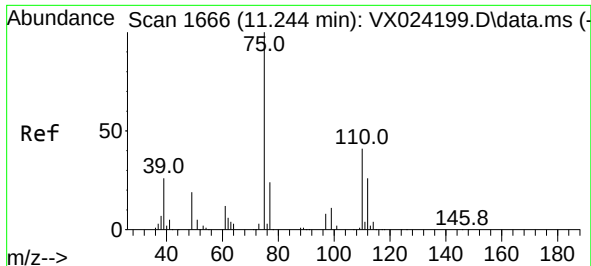
Tgt Ion:117 Resp: 218447
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Tgt Ion:152 Resp: 89895
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 157.5 0.0 349.0

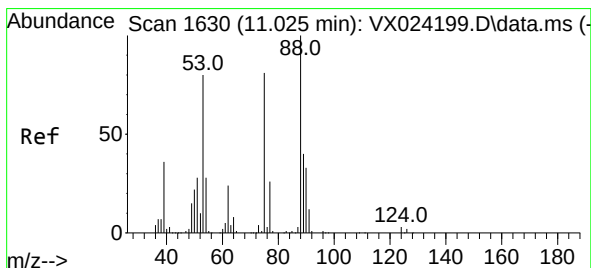
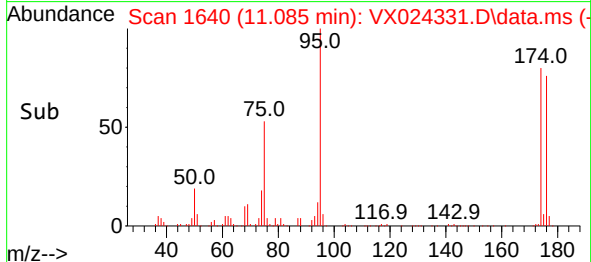
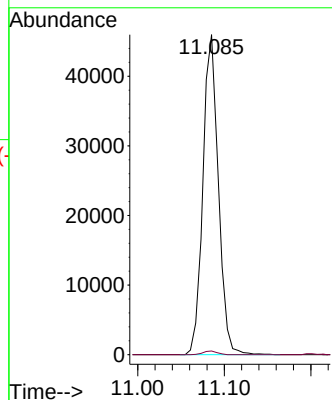
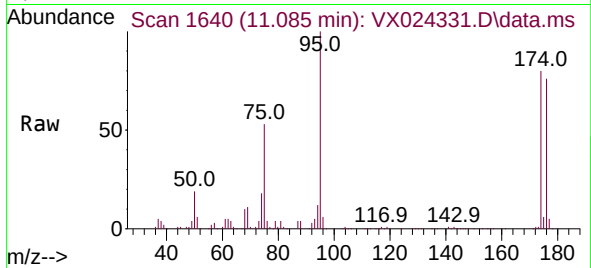




#76
1,2,3-Trichloropropane
Concen: 27.577 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

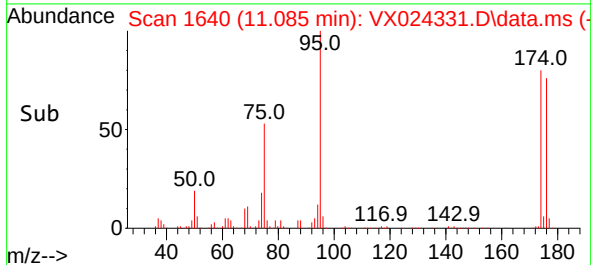
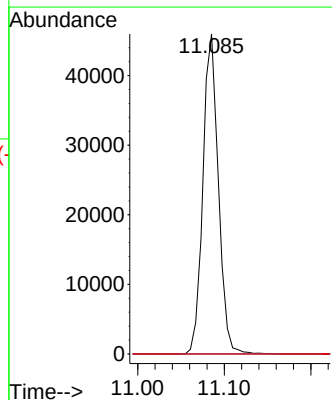
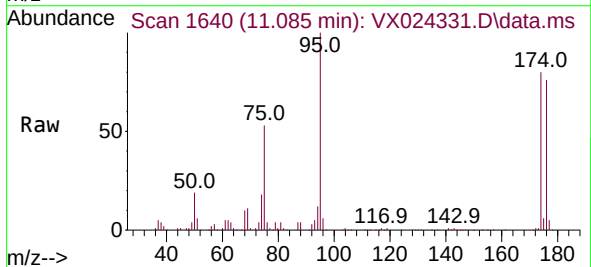
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915

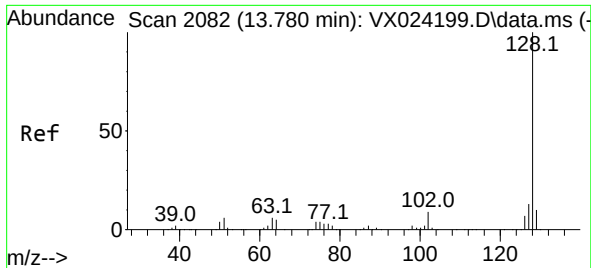
Tgt Ion: 75 Resp: 57004
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.106 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

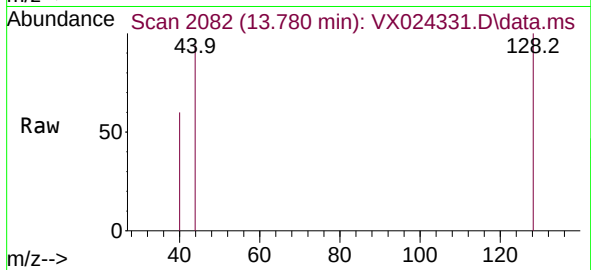
Tgt Ion: 75 Resp: 57004
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.316 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024331.D
Acq: 18 Sep 2021 00:59

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20210915



Tgt Ion:128 Resp: 194
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

