

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024374.D
 Acq On : 21 Sep 2021 01:53
 Operator : JC/MD
 Sample : M3782-15DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20210915DL

Quant Time: Sep 21 08:45:51 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)

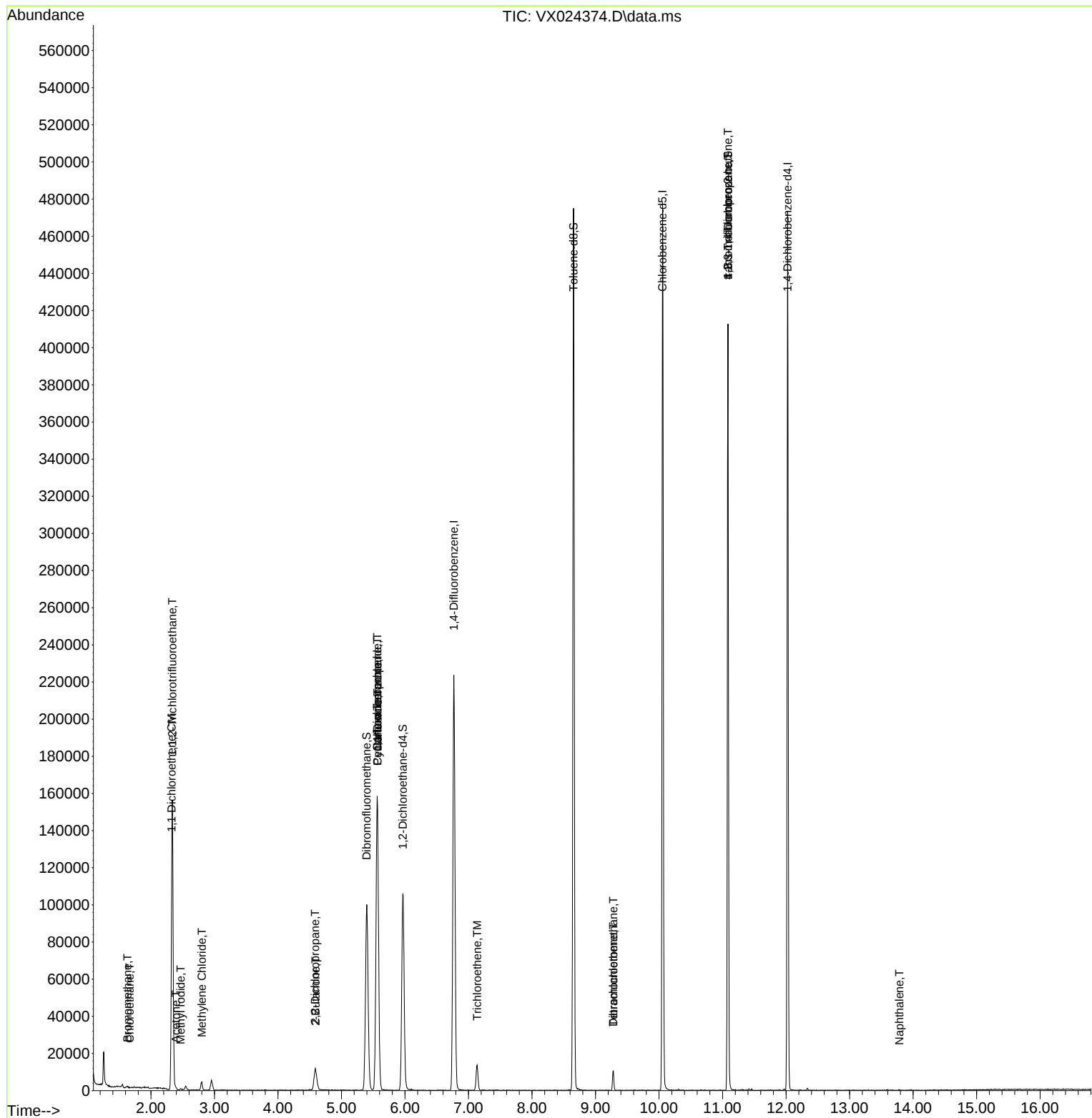
Internal Standards						
1) Pentafluorobenzene	5.568	168	146235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108705	52.130	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.260%	
35) Dibromofluoromethane	5.397	113	85856	58.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.720%	
50) Toluene-d8	8.653	98	265511	49.968	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	11.085	95	97702	47.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.500%	
Target Compounds						Qvalue
5) Bromomethane	1.630	94	435	0.500	ug/l	89
6) Chloroethane	1.666	64	104	2.086	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	60700	42.162	ug/l	97
10) Methyl Iodide	2.465	142	744	0.374	ug/l #	82
11) Tert butyl alcohol	2.953	59	3244	Below Cal	#	73
12) 1,1-Dichloroethene	2.325	96	518	0.384	ug/l	93
16) Acetone	2.392	43	1430	1.608	ug/l #	80
20) Methylene Chloride	2.800	84	2099	1.229	ug/l	91
25) 2-Butanone	4.593	43	838	0.640	ug/l #	45
26) 2,2-Dichloropropane	4.587	77	1008	0.408	ug/l #	52
31) Cyclohexane	5.568	56	3203	1.313	ug/l #	14
36) 1,1-Dichloropropene	5.562	75	11659	5.831	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14916	6.627	ug/l #	18
44) Trichloroethene	7.135	130	5179	3.214	ug/l	95
60) Dibromochloromethane	9.281	129	1652	2.605	ug/l #	11
64) Tetrachloroethene	9.281	164	1892	1.160	ug/l #	80
76) 1,2,3-Trichloropropane	11.085	75	54840	25.735	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54840	75.687	ug/l #	12
95) Naphthalene	13.786	128	315	1.333	ug/l #	86

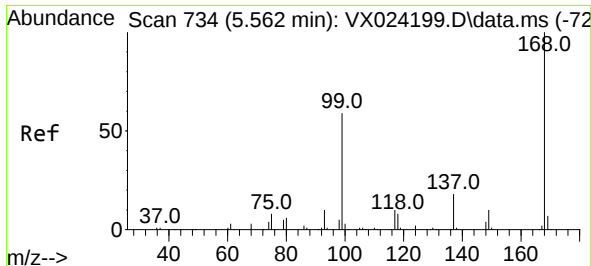
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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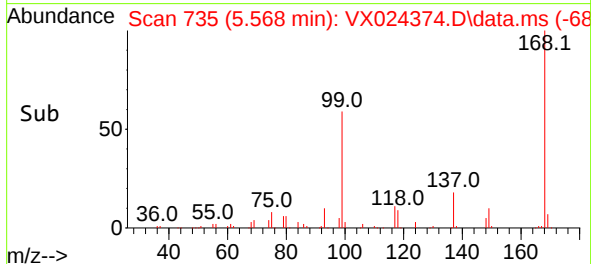
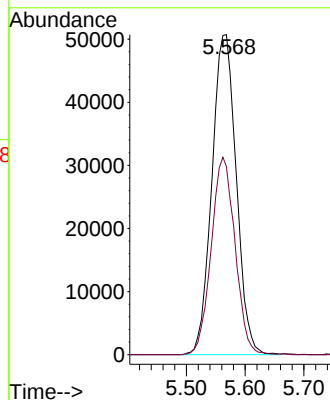
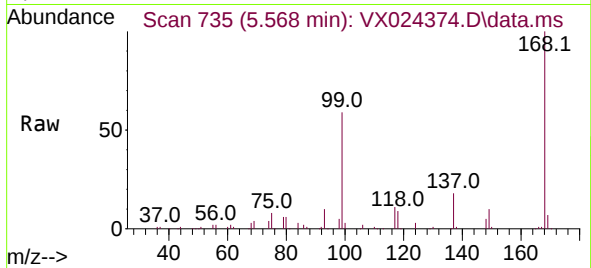




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

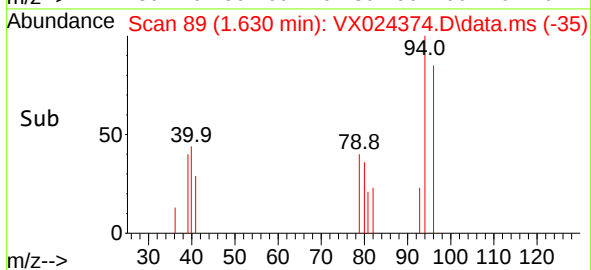
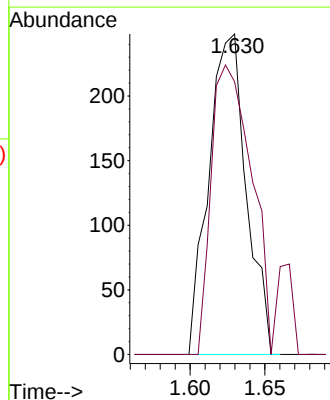
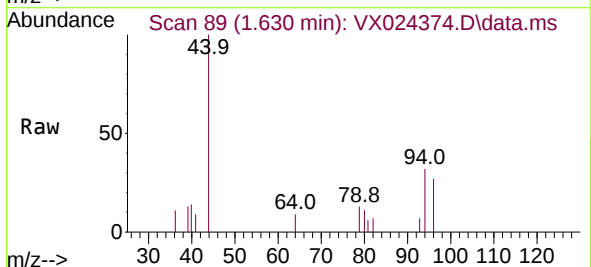
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210915DL

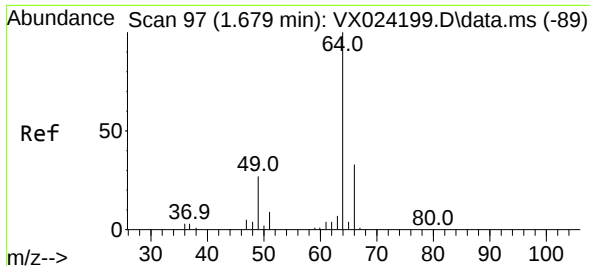
Tgt Ion:168 Resp: 146235
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#5
Bromomethane
Concen: 0.500 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

Tgt Ion: 94 Resp: 435
Ion Ratio Lower Upper
94 100
96 85.1 76.4 114.6

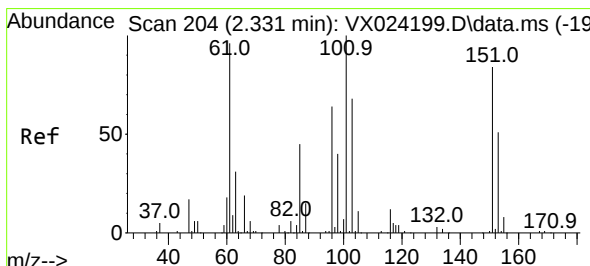
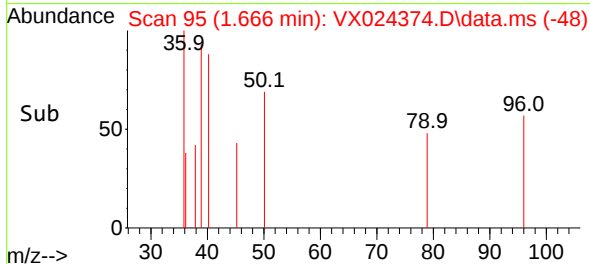
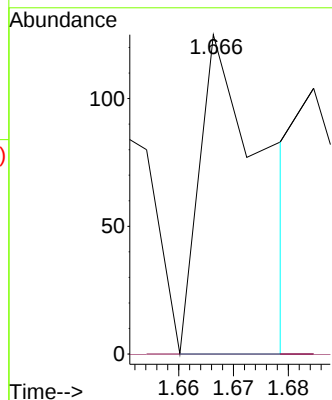
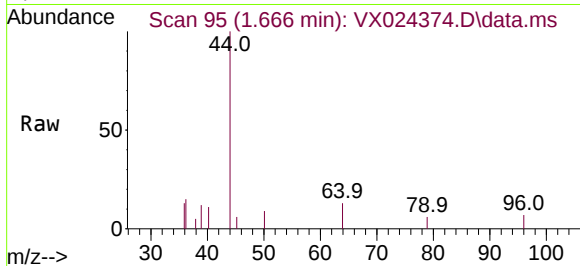




#6
Chloroethane
Concen: 2.086 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

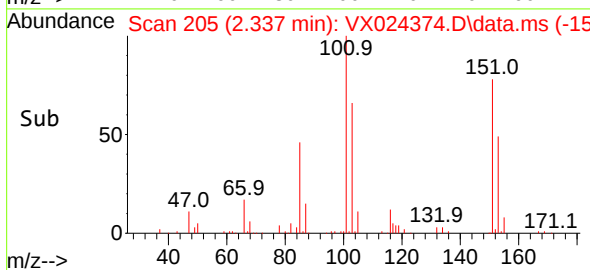
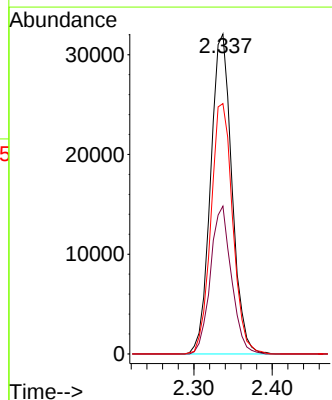
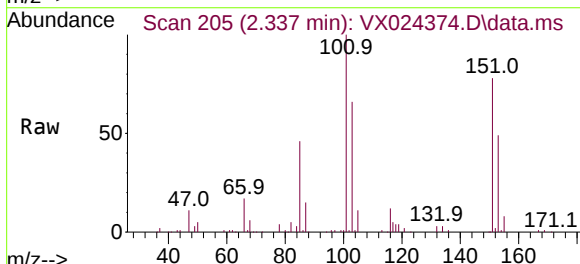
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210915DL

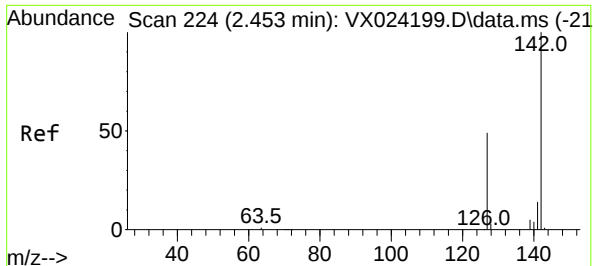
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.162 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

Tgt Ion: 101 Resp: 60700
Ion Ratio Lower Upper
101 100
85 45.3 34.9 52.3
151 79.8 61.4 92.2





#10

Methyl Iodide

Concen: 0.374 ug/l

RT: 2.465 min Scan# 226

Delta R.T. 0.012 min

Lab File: VX024374.D

Acq: 21 Sep 2021 01:53

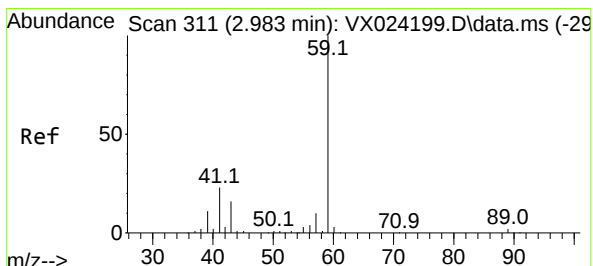
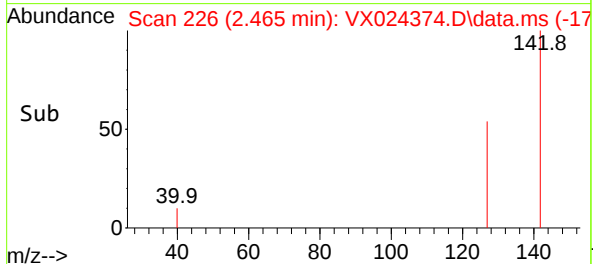
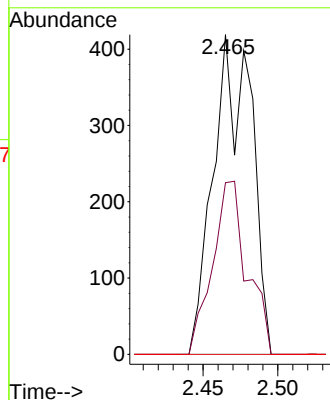
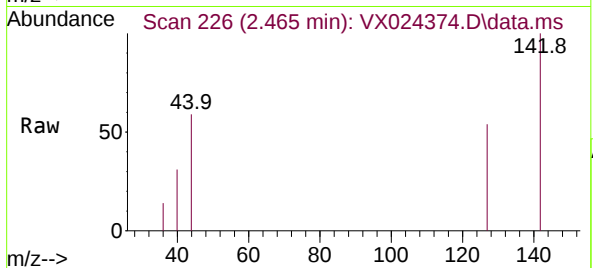
Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20210915DL

Tgt Ion:	142	Resp:	744
Ion	Ratio	Lower	Upper
142	100		
127	49.2	33.3	49.9
141	0.0	11.4	17.0#



#11

Tert butyl alcohol

Concen: Below Cal

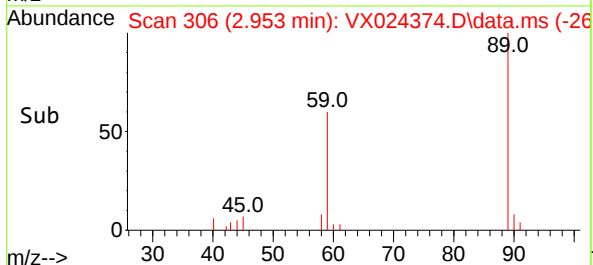
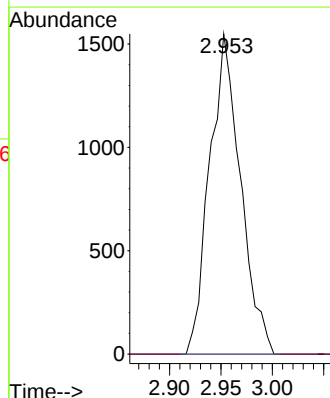
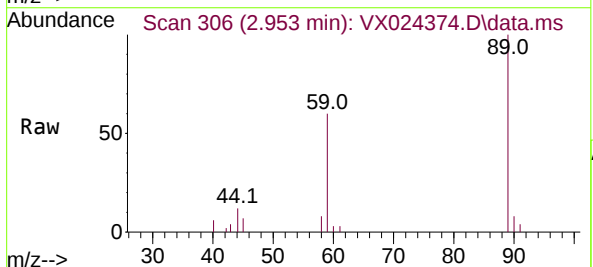
RT: 2.953 min Scan# 306

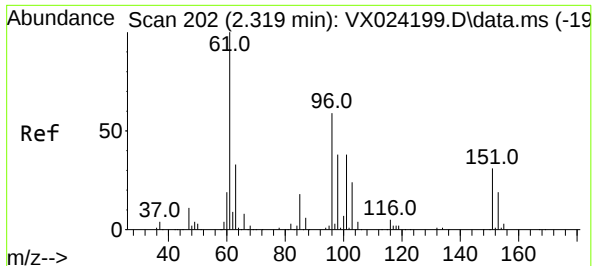
Delta R.T. -0.030 min

Lab File: VX024374.D

Acq: 21 Sep 2021 01:53

Tgt Ion:	59	Resp:	3244
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#





#12

1,1-Dichloroethene

Concen: 0.384 ug/l

RT: 2.325 min Scan# 203

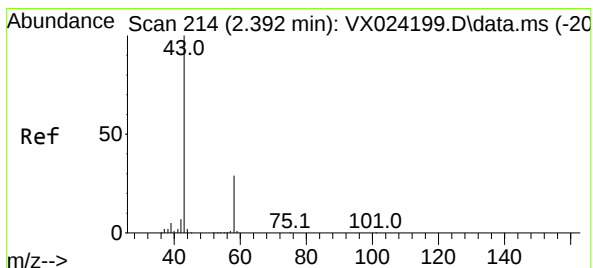
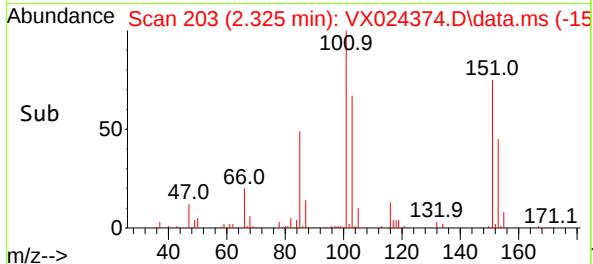
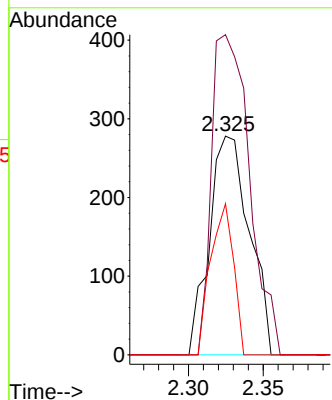
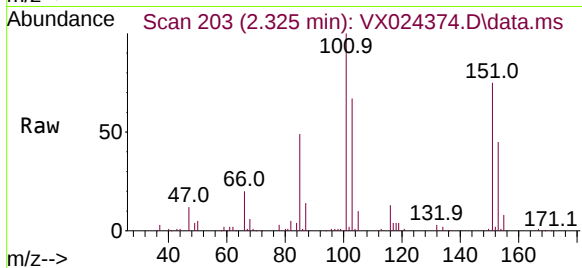
Delta R.T. 0.006 min

Lab File: VX024374.D

Acq: 21 Sep 2021 01:53

Tgt Ion: 96 Resp: 518

Ion	Ratio	Lower	Upper
96	100		
61	146.4	124.6	187.0
98	69.1	50.6	76.0



#16

Acetone

Concen: 1.608 ug/l

RT: 2.392 min Scan# 214

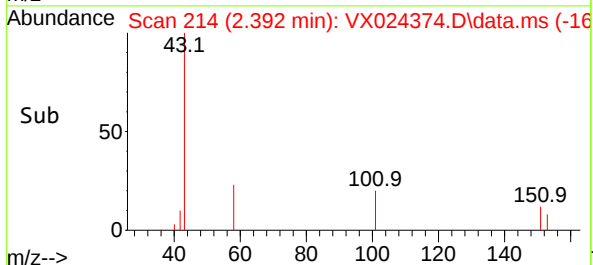
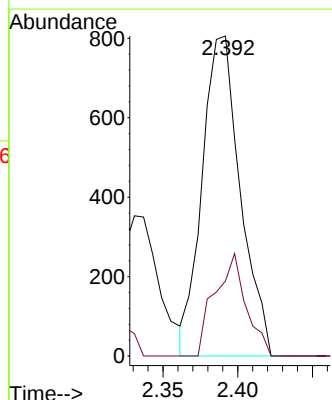
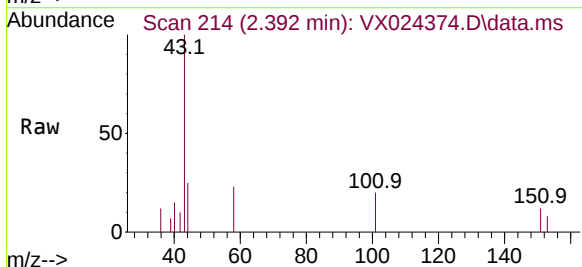
Delta R.T. -0.000 min

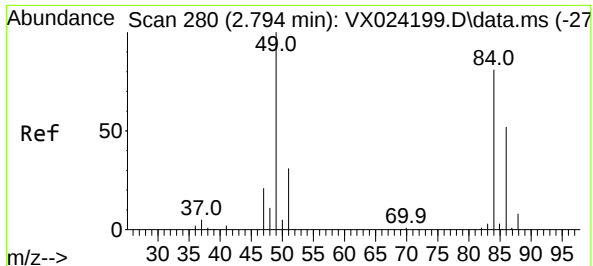
Lab File: VX024374.D

Acq: 21 Sep 2021 01:53

Tgt Ion: 43 Resp: 1430

Ion	Ratio	Lower	Upper
43	100		
58	23.4	27.8	41.8#





#20

Methylene Chloride

Concen: 1.229 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024374.D

Acq: 21 Sep 2021 01:53

Tgt Ion: 84 Resp: 2099

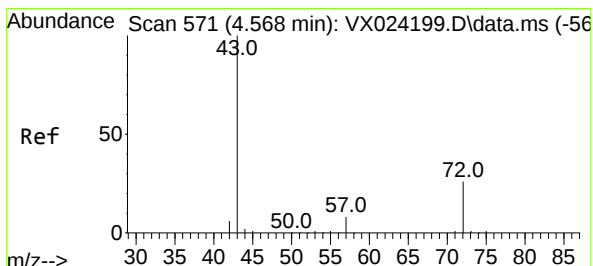
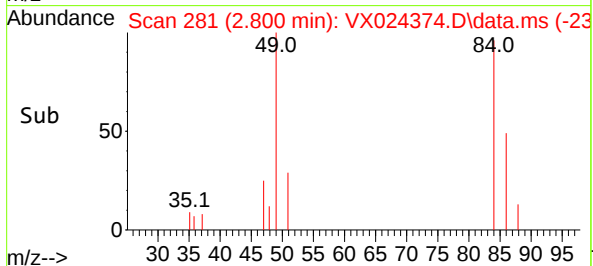
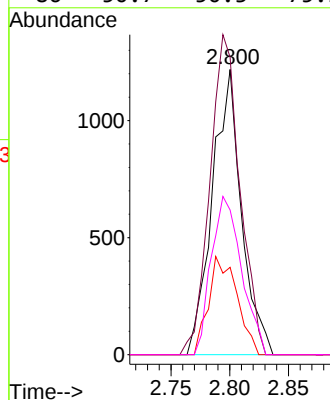
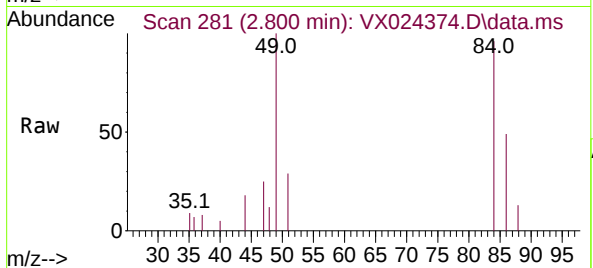
Ion Ratio Lower Upper

84 100

49 104.2 88.6 132.8

51 30.6 27.0 40.6

86 50.7 50.3 75.5



#25

2-Butanone

Concen: 0.640 ug/l

RT: 4.593 min Scan# 575

Delta R.T. 0.025 min

Lab File: VX024374.D

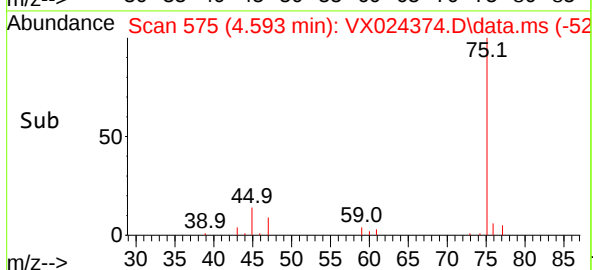
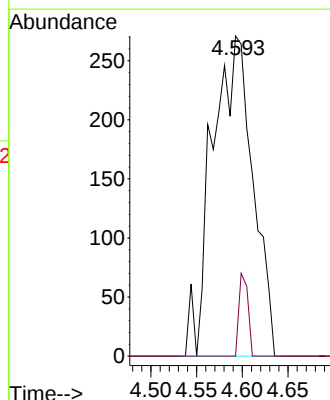
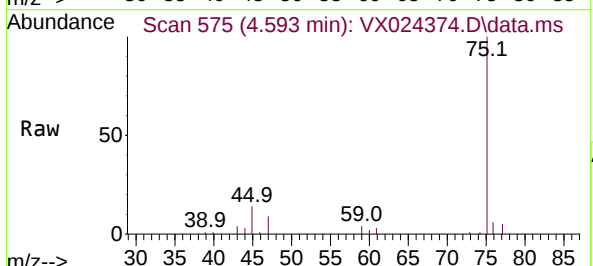
Acq: 21 Sep 2021 01:53

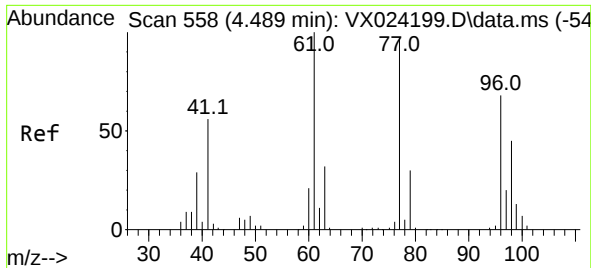
Tgt Ion: 43 Resp: 838

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 0.408 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.098 min

Lab File: VX024374.D

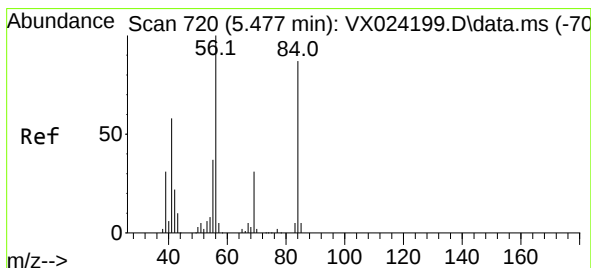
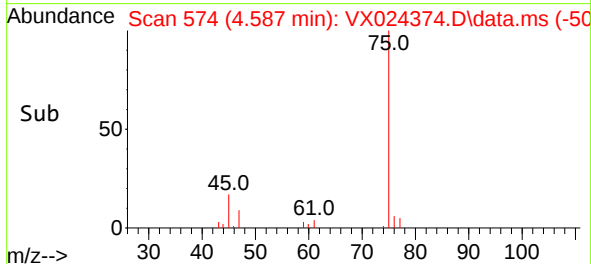
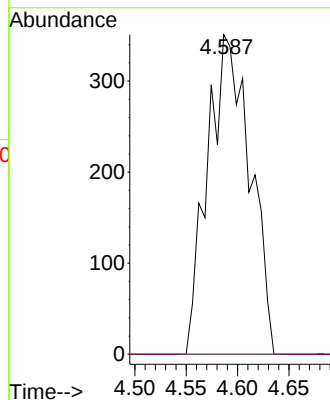
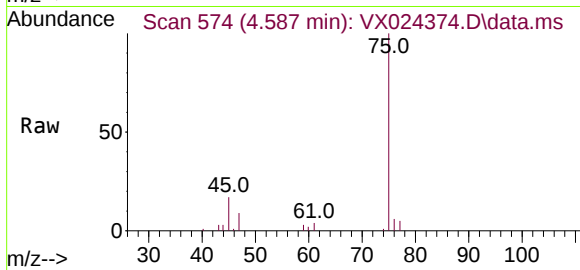
Acq: 21 Sep 2021 01:53

Tgt Ion: 77 Resp: 1008

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.1#



#31

Cyclohexane

Concen: 1.313 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX024374.D

Acq: 21 Sep 2021 01:53

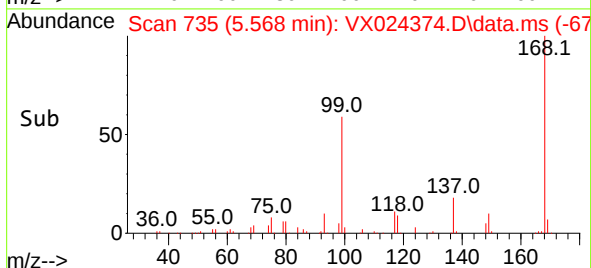
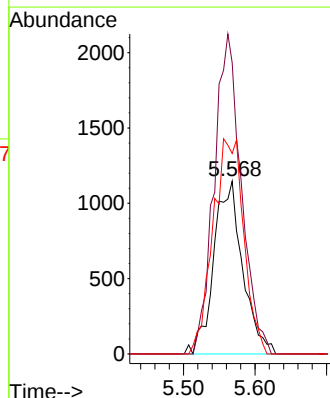
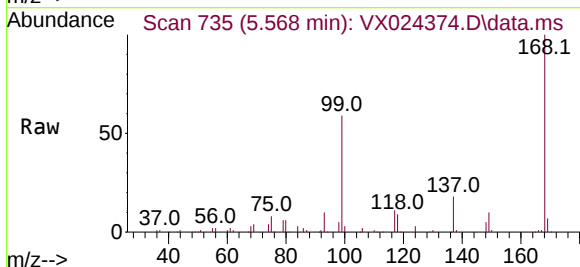
Tgt Ion: 56 Resp: 3203

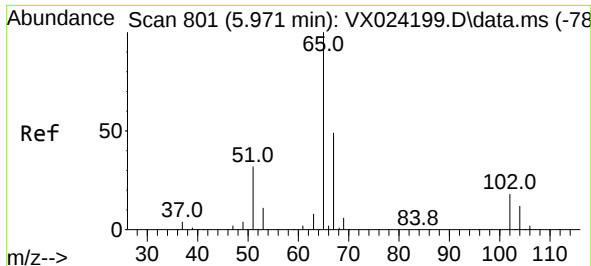
Ion Ratio Lower Upper

56 100

69 168.4 25.3 37.9#

84 116.0 71.4 107.0#

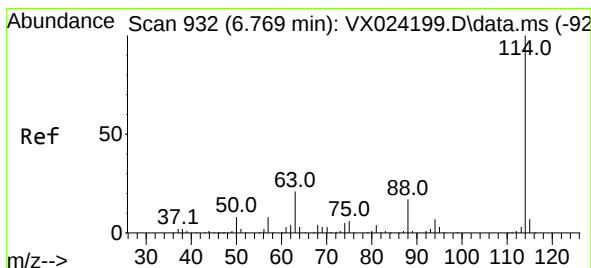
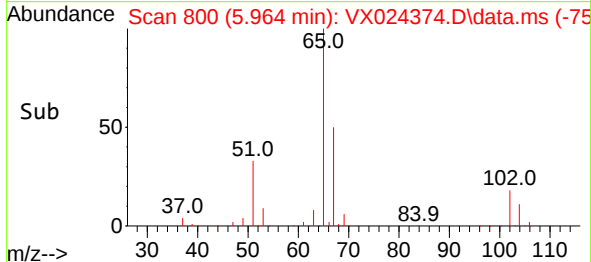
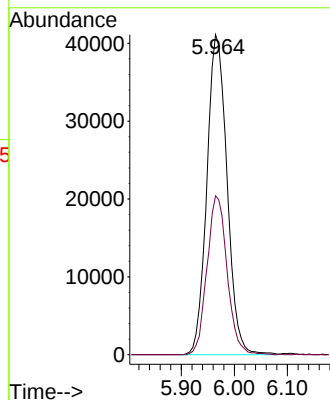
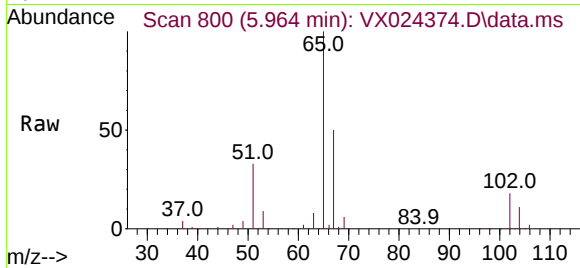




#33
1,2-Dichloroethane-d4
Concen: 52.130 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

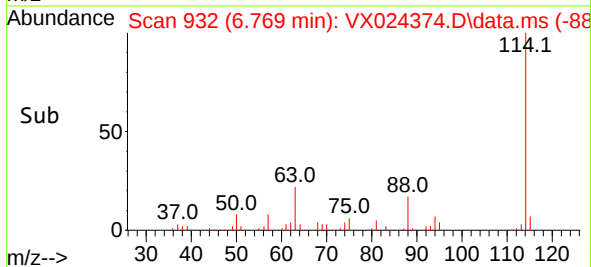
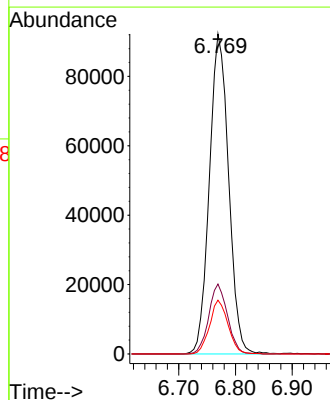
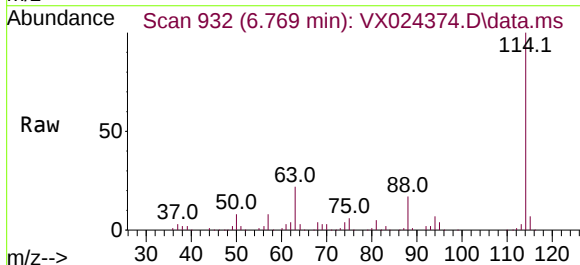
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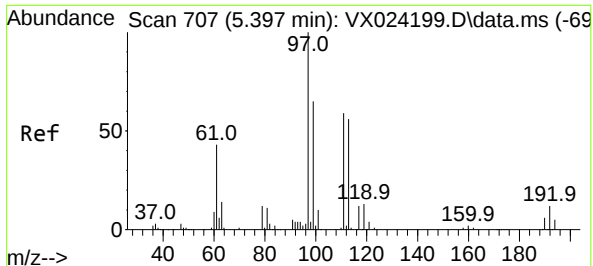
Tgt Ion: 65 Resp: 108705
Ion Ratio Lower Upper
65 100
67 49.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

Tgt Ion:114 Resp: 217494
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 16.8 0.0 32.8

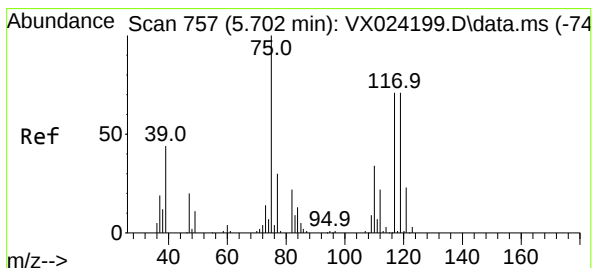
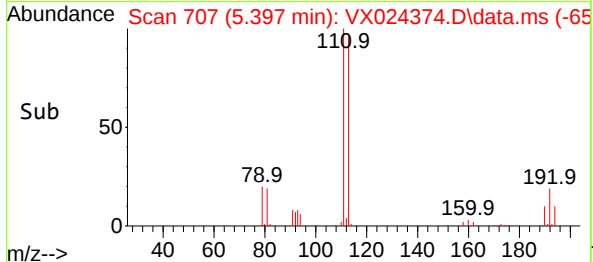
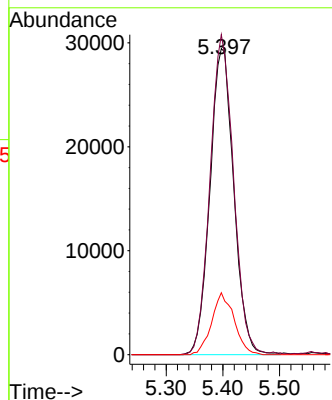
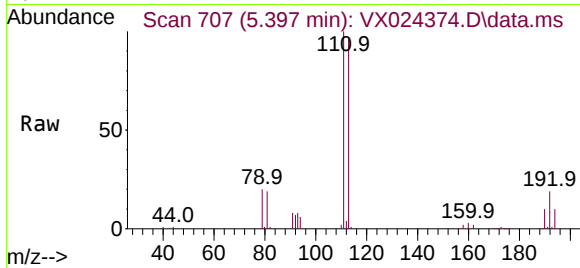




#35
Dibromofluoromethane
Concen: 58.862 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

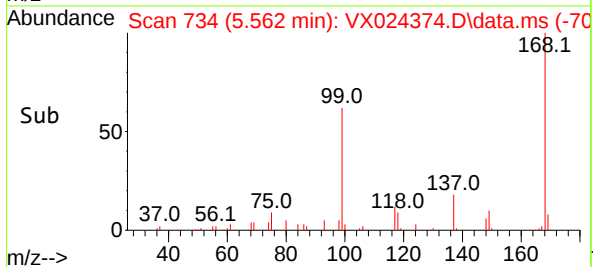
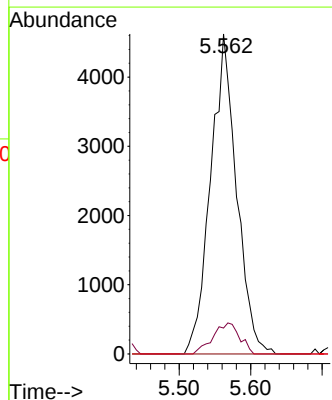
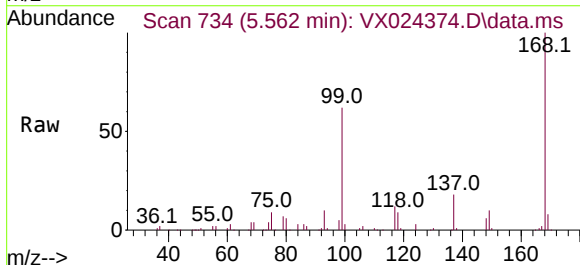
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210915DL

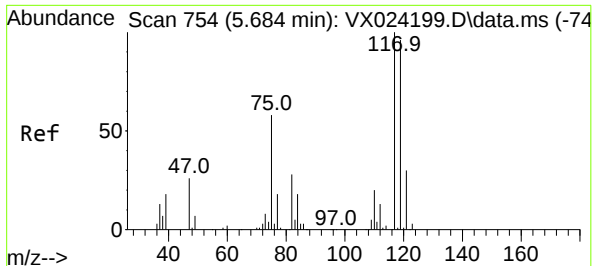
Tgt Ion:	113	Resp:	85856
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	19.1	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.831 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

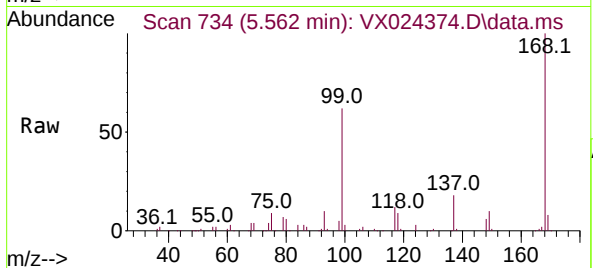
Tgt Ion:	75	Resp:	11659
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.1	54.4#
77	0.0	25.3	37.9#



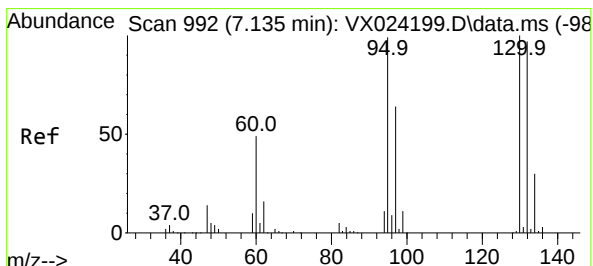
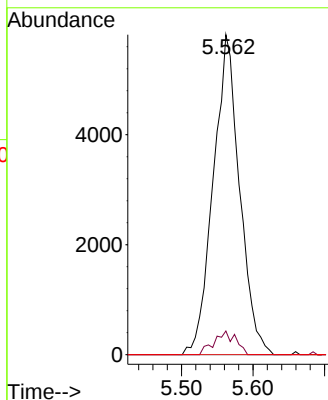
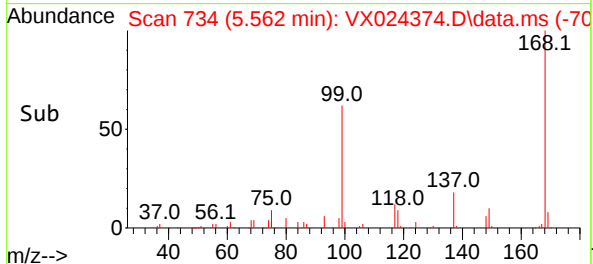


#38
Carbon Tetrachloride
Concen: 6.627 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

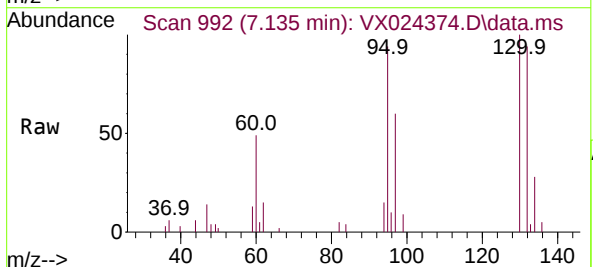
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210915DL



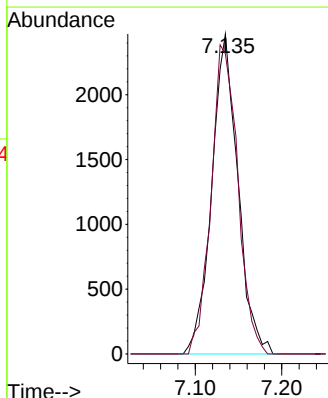
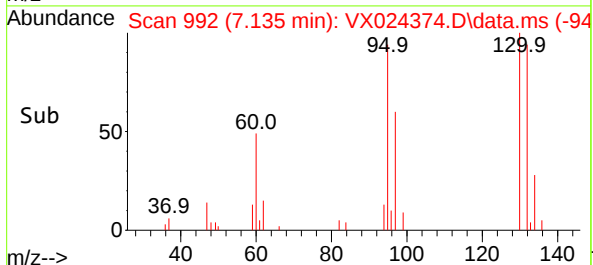
Tgt Ion:117 Resp: 14916
Ion Ratio Lower Upper
117 100
119 7.4 76.2 114.2#
121 0.0 24.8 37.2#

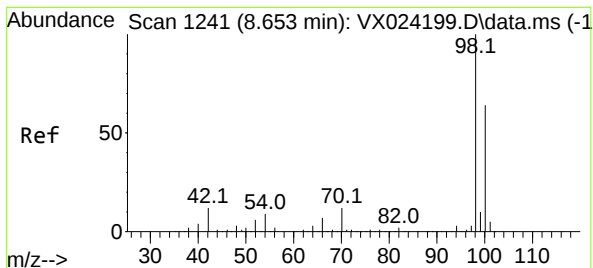


#44
Trichloroethene
Concen: 3.214 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53



Tgt Ion:130 Resp: 5179
Ion Ratio Lower Upper
130 100
95 93.8 0.0 198.0

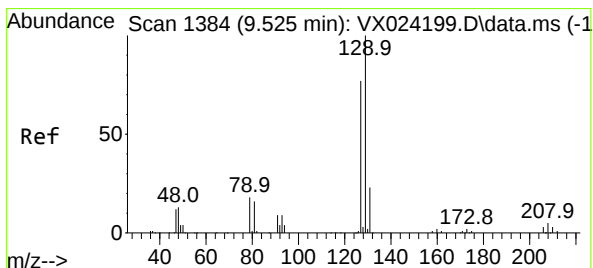
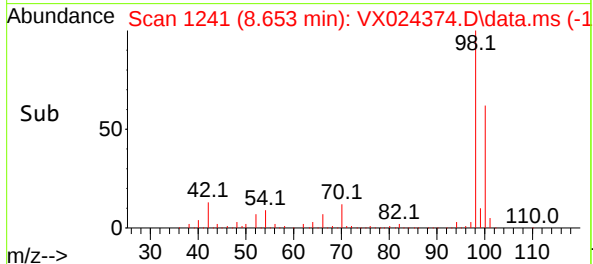
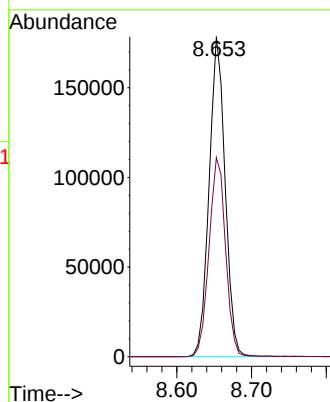
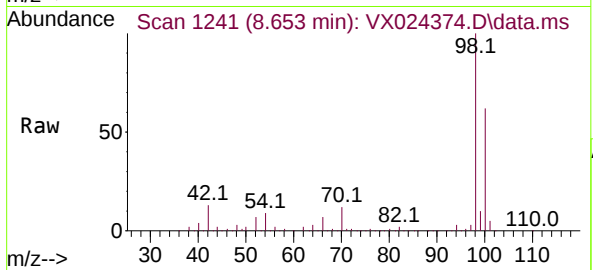




#50
Toluene-d8
Concen: 49.968 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

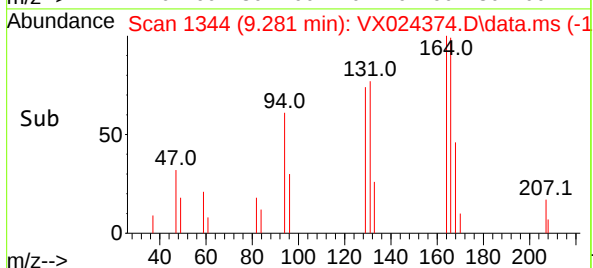
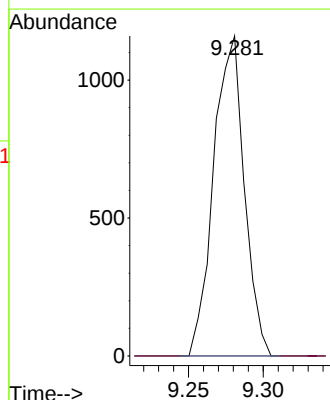
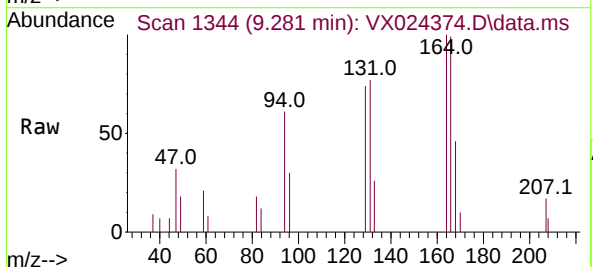
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210915DL

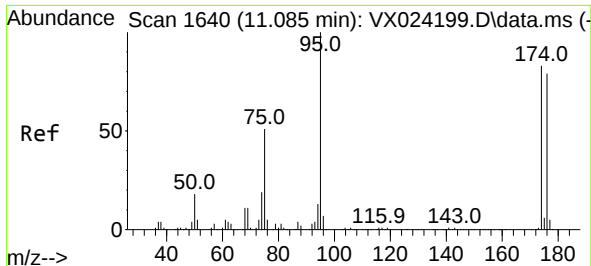
Tgt Ion: 98 Resp: 265511
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#60
Dibromochloromethane
Concen: 2.605 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

Tgt Ion:129 Resp: 1652
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

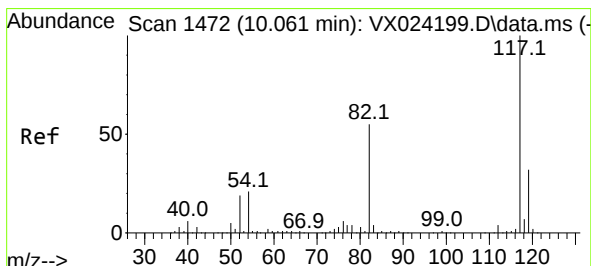
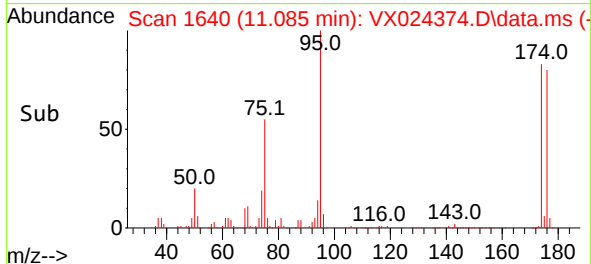
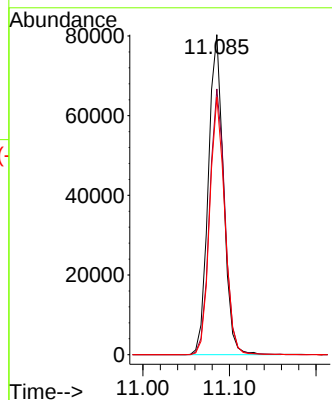
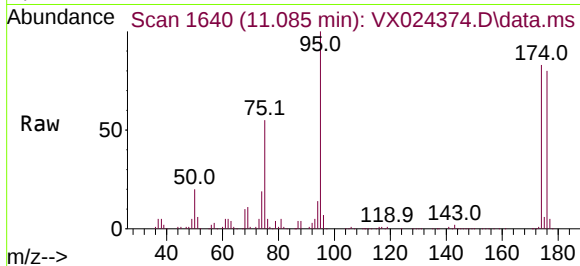




#62
4-Bromofluorobenzene
Concen: 47.247 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

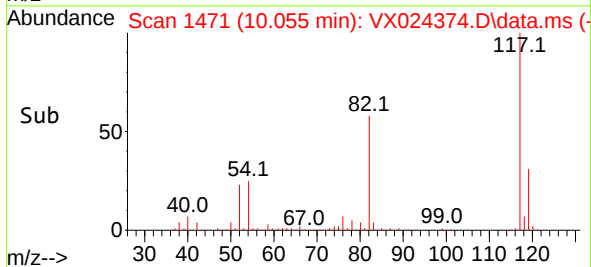
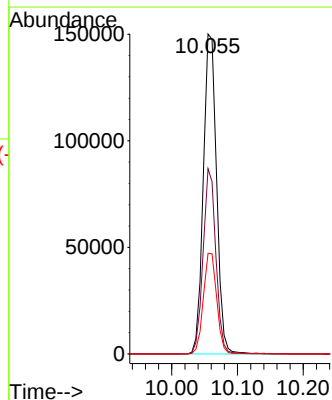
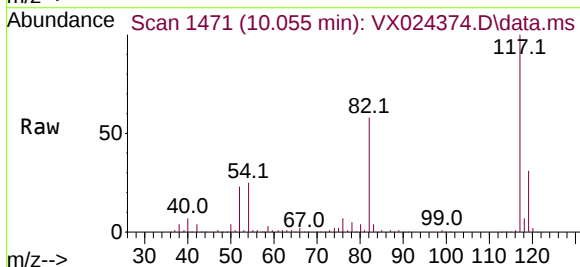
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210915DL

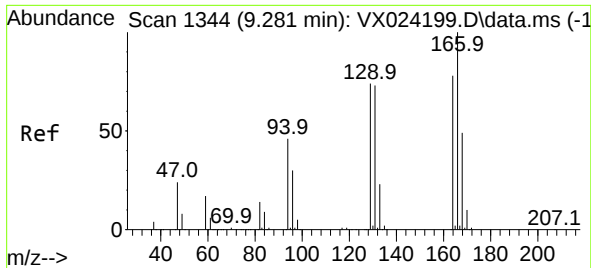
Tgt Ion: 95 Resp: 97702
Ion Ratio Lower Upper
95 100
174 84.2 0.0 154.6
176 80.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

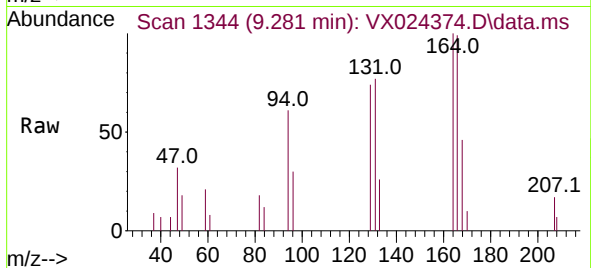
Tgt Ion: 117 Resp: 210599
Ion Ratio Lower Upper
117 100
82 57.9 47.4 71.2
119 31.5 26.6 39.8



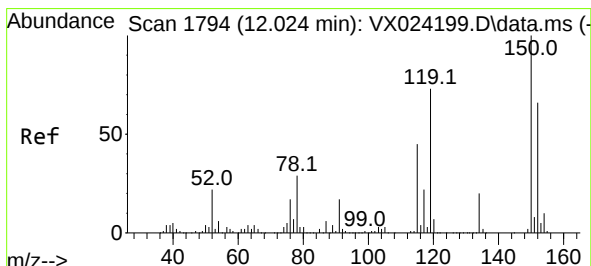
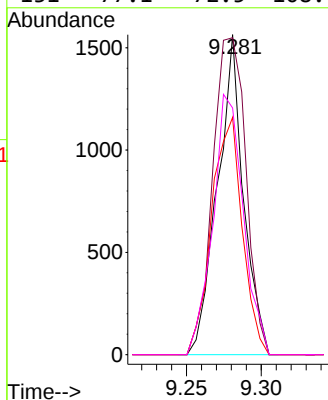
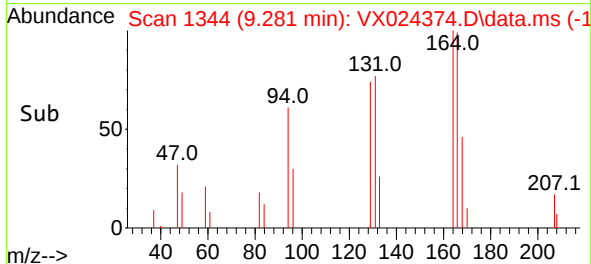


#64
Tetrachloroethene
Concen: 1.160 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

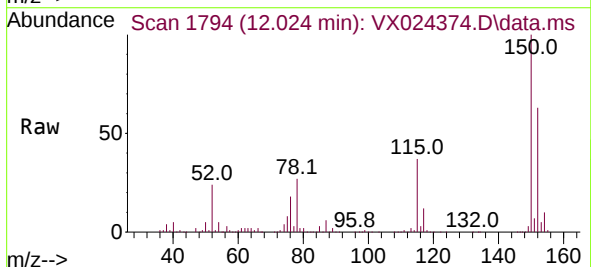
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210915DL



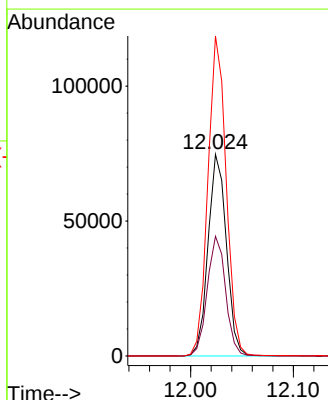
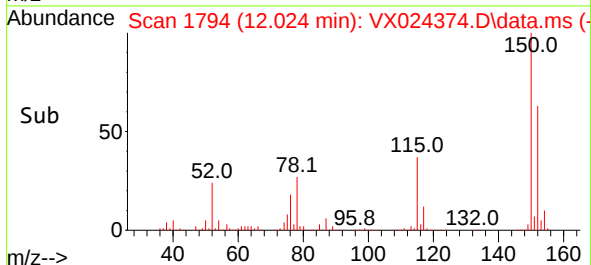
Tgt Ion:164 Resp: 1892
Ion Ratio Lower Upper
164 100
166 99.0 103.4 155.2#
129 74.2 70.8 106.2
131 77.1 72.5 108.7

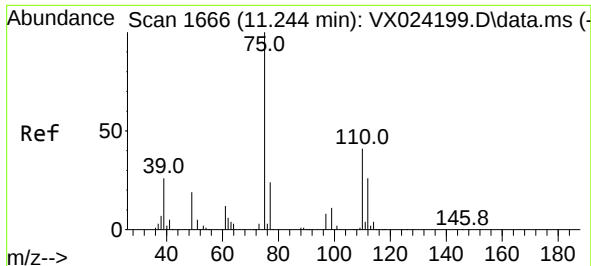


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53



Tgt Ion:152 Resp: 92674
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 157.7 0.0 349.0

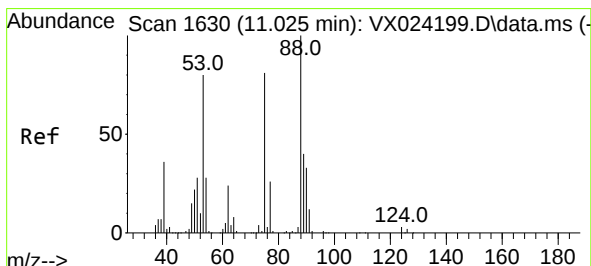
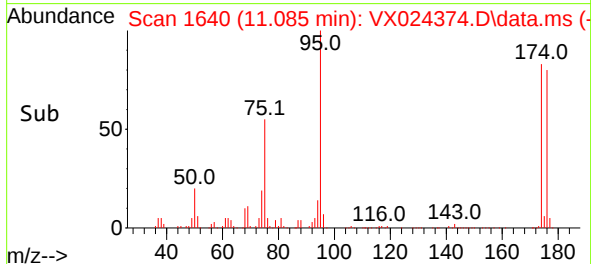
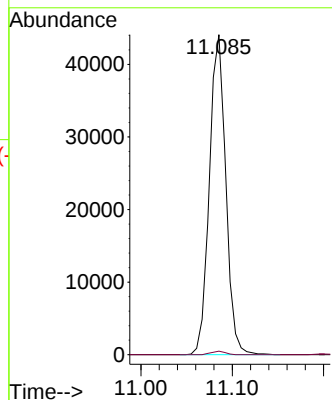
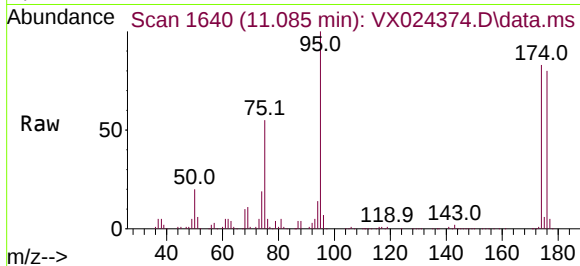




#76
1,2,3-Trichloropropane
Concen: 25.735 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

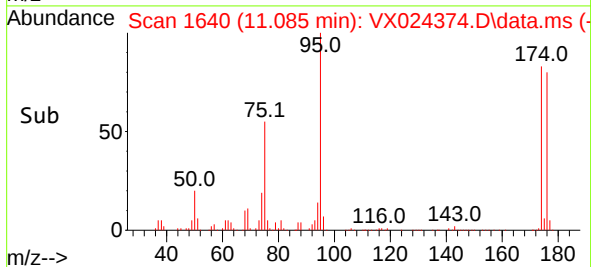
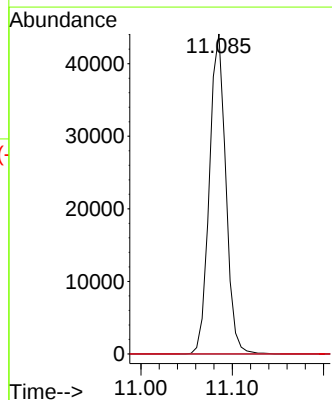
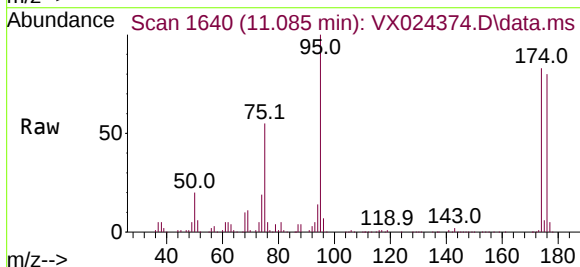
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210915DL

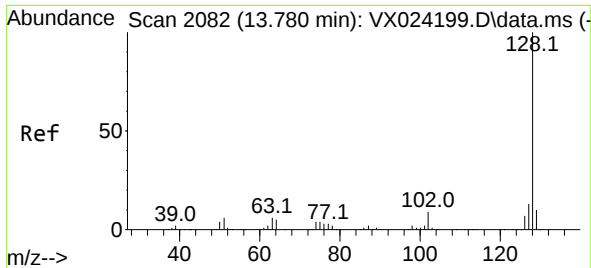
Tgt Ion: 75 Resp: 54840
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.687 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

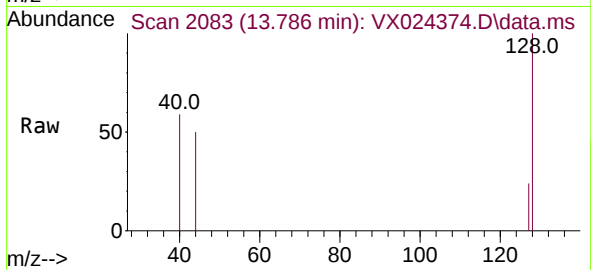
Tgt Ion: 75 Resp: 54840
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.333 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024374.D
Acq: 21 Sep 2021 01:53

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210915DL



Tgt Ion:128 Resp: 315
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 0.0 8.8 13.2#

