

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022974.D
 Acq On : 28 Jun 2021 13:04
 Operator : JC/MD
 Sample : M2839-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB04-20210622

Quant Time: Jun 29 03:05:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

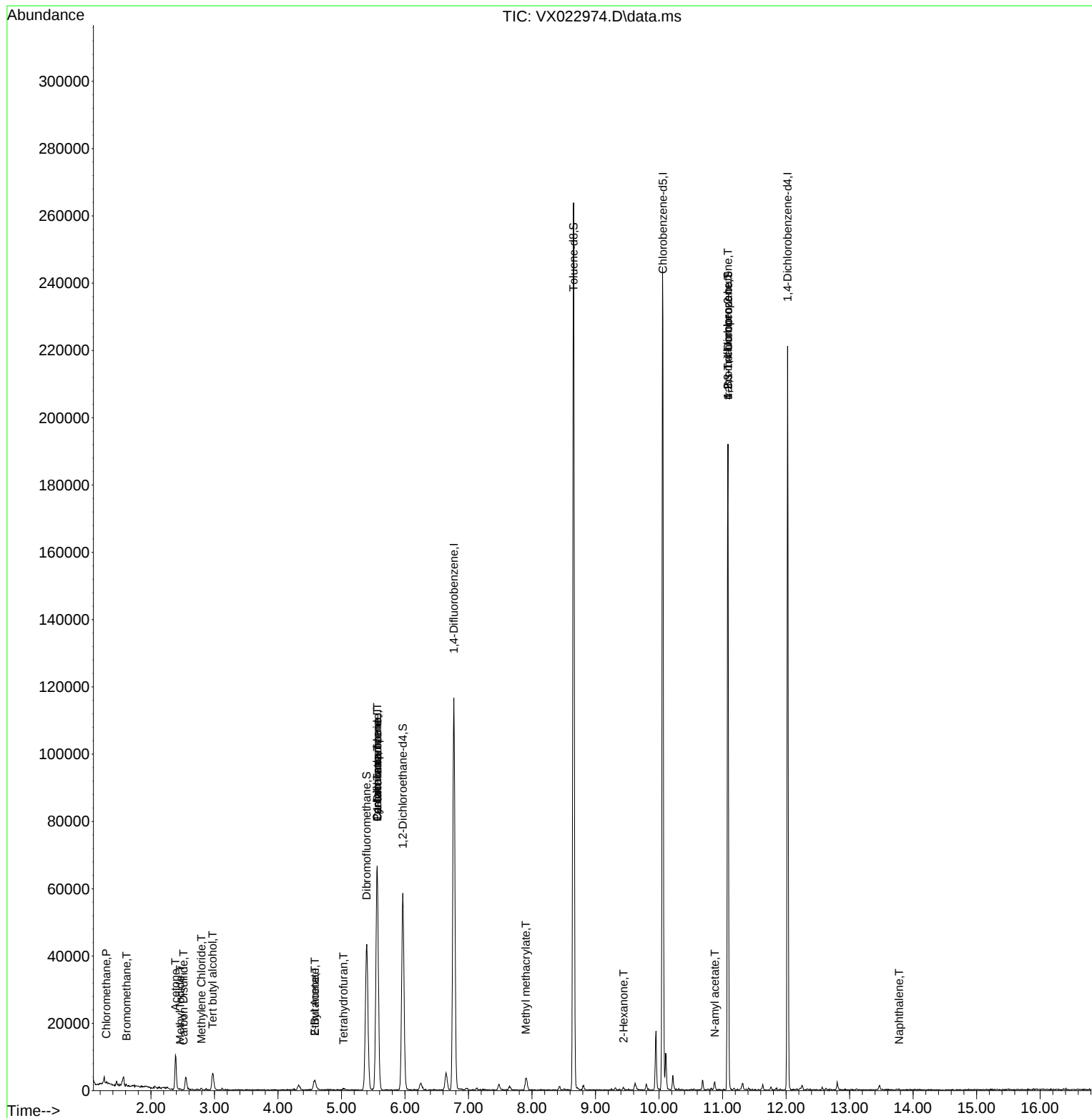
Internal Standards						
1) Pentafluorobenzene	5.562	168	53242	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111637	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	100090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53565	55.437	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	110.880%	
35) Dibromofluoromethane	5.397	113	37101	52.334	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	104.660%	
50) Toluene-d8	8.653	98	148364	53.399	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	106.800%	
62) 4-Bromofluorobenzene	11.085	95	49837	48.062	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	96.120%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	196	0.238	ug/l	# 42
5) Bromomethane	1.618	94	210	0.501	ug/l	# 66
10) Methyl Iodide	2.459	142	193	4.093	ug/l	# 42
11) Tert butyl alcohol	2.971	59	5957	29.582	ug/l	96
16) Acetone	2.386	43	11041	25.775	ug/l	90
17) Carbon Disulfide	2.514	76	60	3.545	ug/l	# 75
20) Methylene Chloride	2.794	84	183	0.586	ug/l	# 72
25) 2-Butanone	4.580	43	5895	8.850	ug/l	95
29) Tetrahydrofuran	5.032	42	137	0.320	ug/l	# 49
31) Cyclohexane	5.562	56	1768	1.296	ug/l	# 52
36) 1,1-Dichloropropene	5.562	75	5601	4.724	ug/l	# 49
37) Ethyl Acetate	4.580	43	5895	4.292	ug/l	# 64
38) Carbon Tetrachloride	5.562	117	6617	6.653	ug/l	# 15
48) Methyl methacrylate	7.903	41	1456	1.425	ug/l	# 34
59) 2-Hexanone	9.439	43	539	0.517	ug/l	76
74) N-amyl acetate	10.878	43	1554	2.877	ug/l	# 76
76) 1,2,3-Trichloropropane	11.085	75	28450	28.379	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	28450	73.182	ug/l	# 12
95) Naphthalene	13.780	128	259	2.003	ug/l	# 83

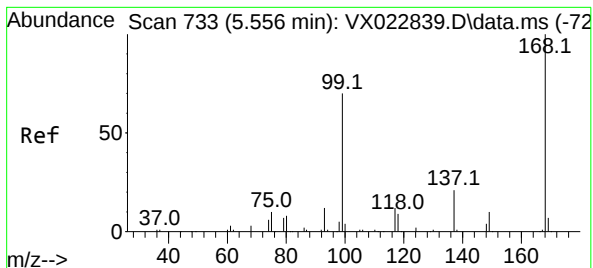
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX022974.D

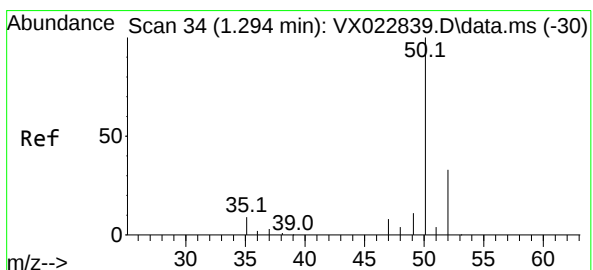
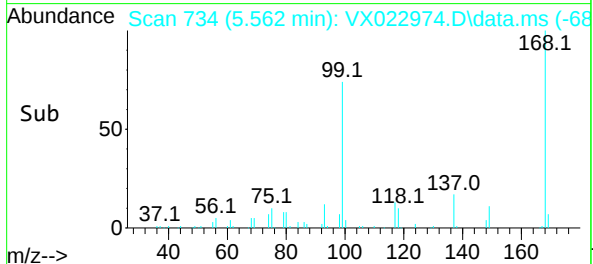
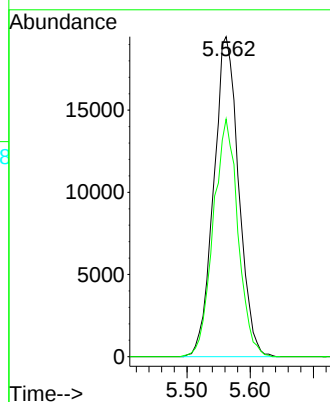
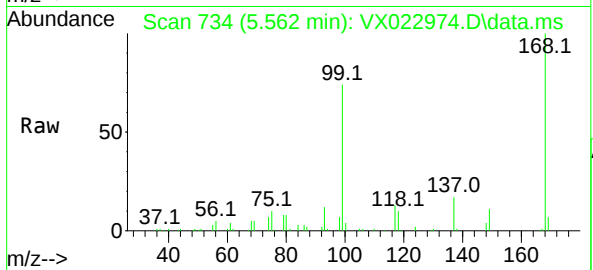
Acq: 28 Jun 2021 13:04

Tgt Ion:168 Resp: 53242

Ion Ratio Lower Upper

168 100

99 74.3 45.8 68.6#



#3

Chloromethane

Concen: 0.238 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX022974.D

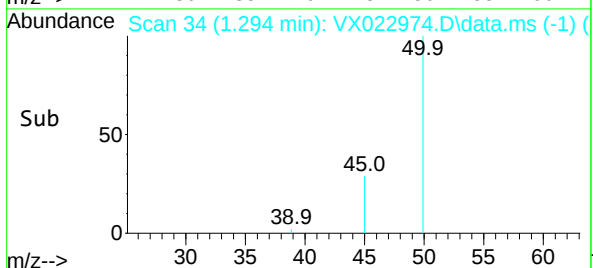
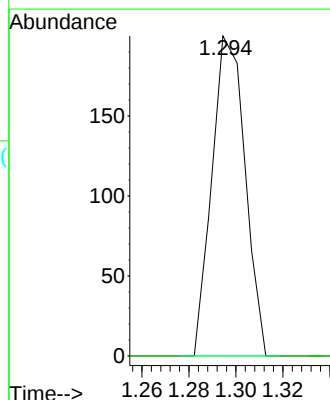
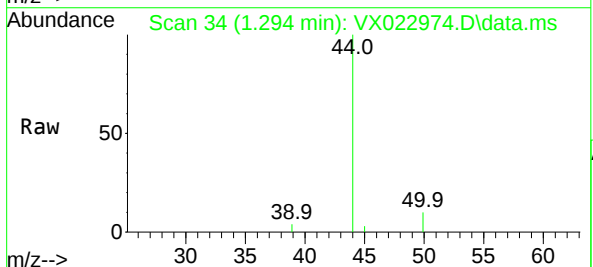
Acq: 28 Jun 2021 13:04

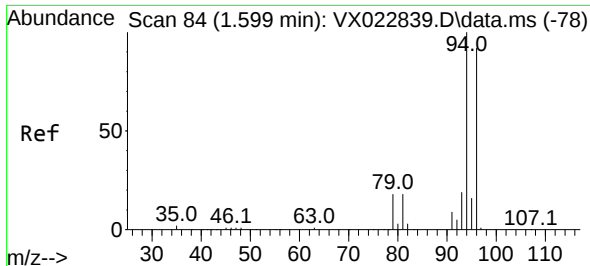
Tgt Ion: 50 Resp: 196

Ion Ratio Lower Upper

50 100

52 0.0 26.4 39.6#

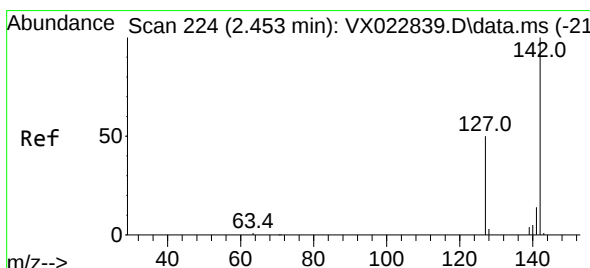
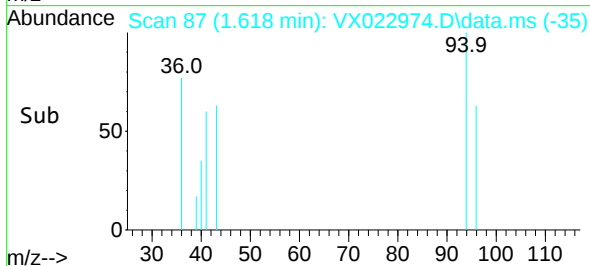
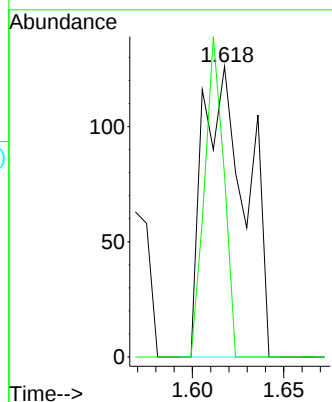
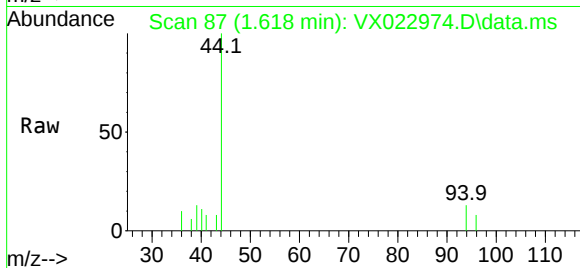




#5
Bromomethane
Concen: 0.501 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

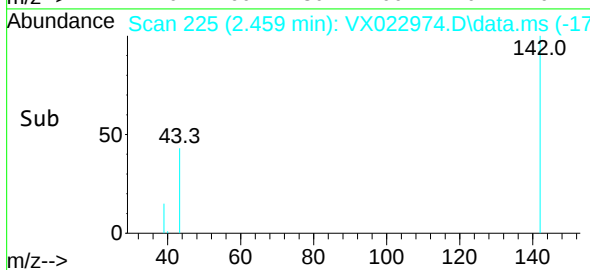
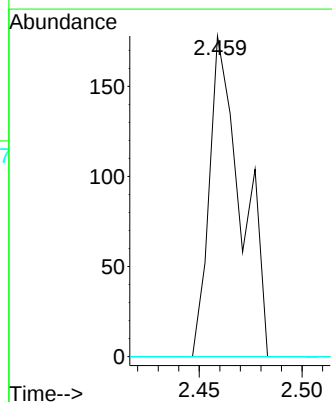
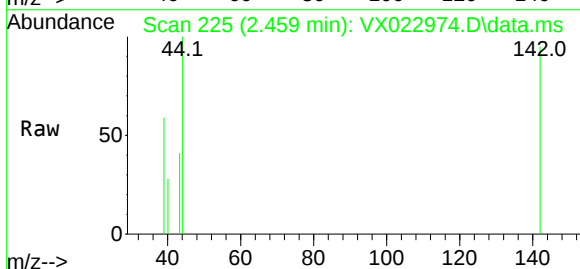
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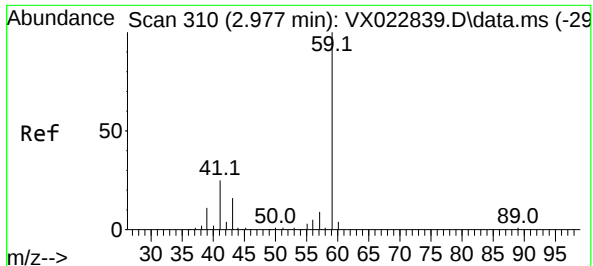
Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 62.7 76.4 114.6#



#10
Methyl Iodide
Concen: 4.093 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion: 142 Resp: 193
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

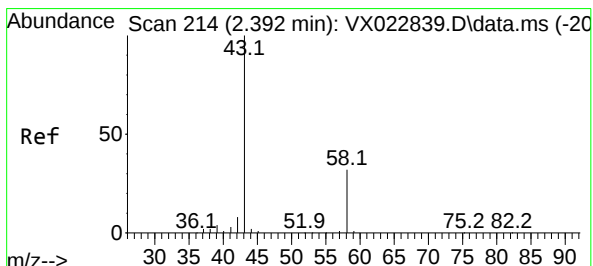
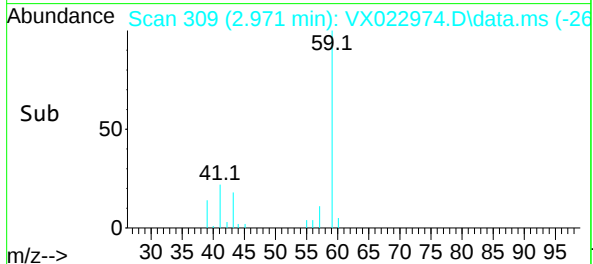
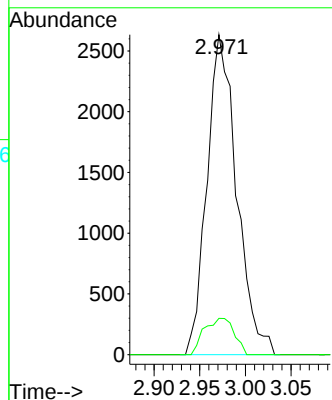
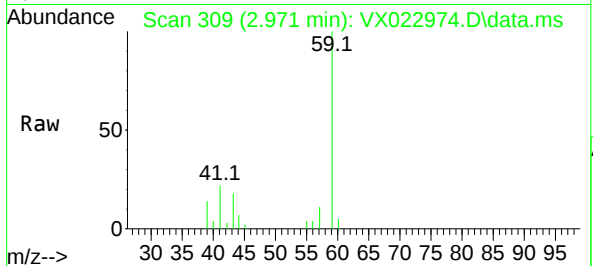




#11
Tert butyl alcohol
Concen: 29.582 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

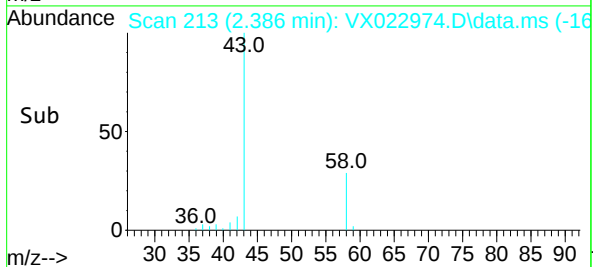
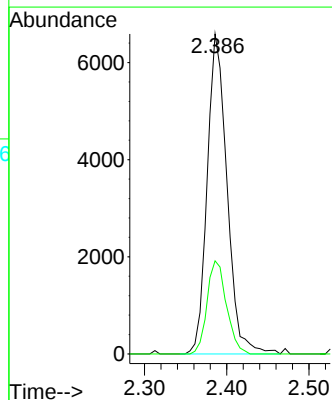
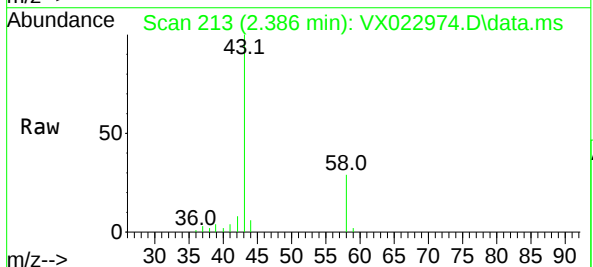
Instrument :
MSVOA_X
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EB04-20210622

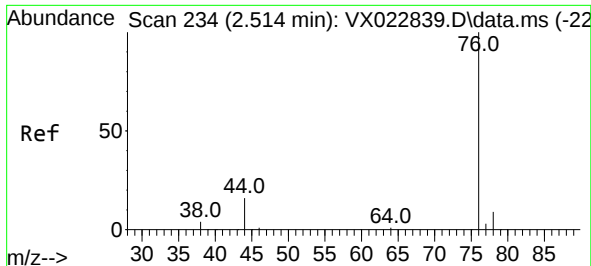
Tgt Ion: 59 Resp: 5957
Ion Ratio Lower Upper
59 100
57 11.4 7.8 11.8



#16
Acetone
Concen: 25.775 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion: 43 Resp: 11041
Ion Ratio Lower Upper
43 100
58 29.1 27.8 41.8

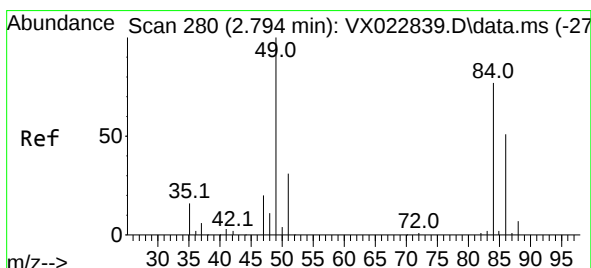
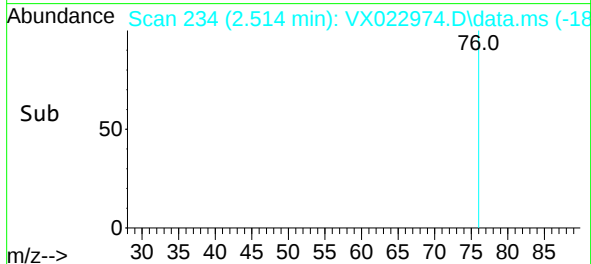
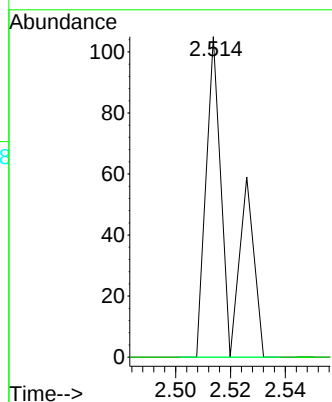
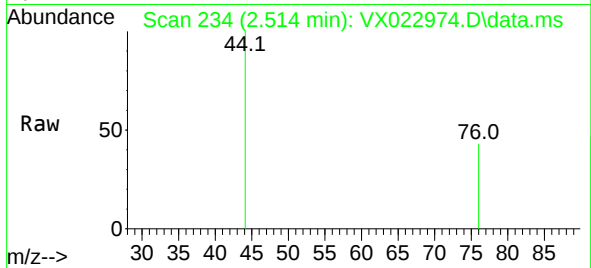




#17
Carbon Disulfide
Concen: 3.545 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

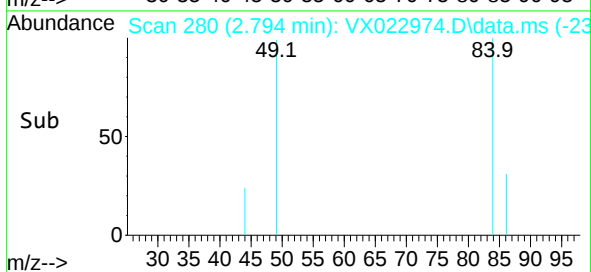
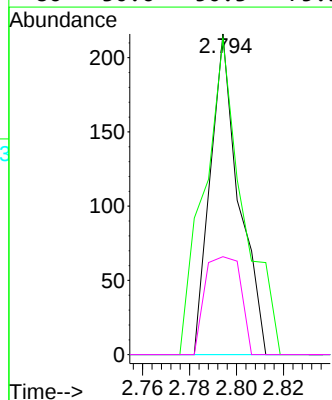
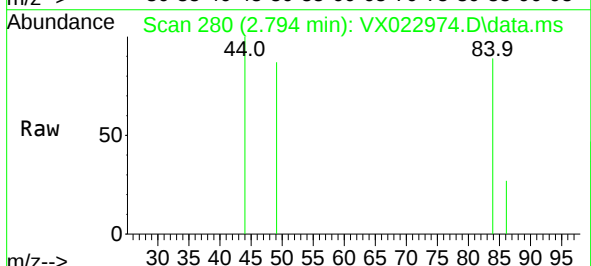
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

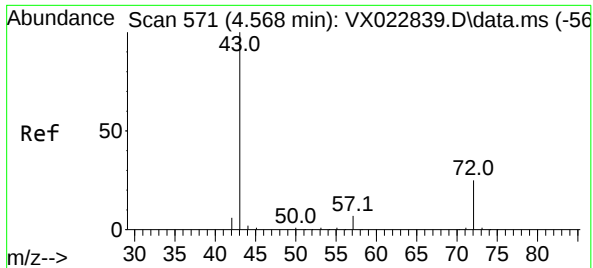
Tgt Ion: 76 Resp: 60
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.586 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion: 84 Resp: 183
Ion Ratio Lower Upper
84 100
49 98.6 88.6 132.8
51 0.0 27.0 40.6#
86 30.6 50.3 75.5#

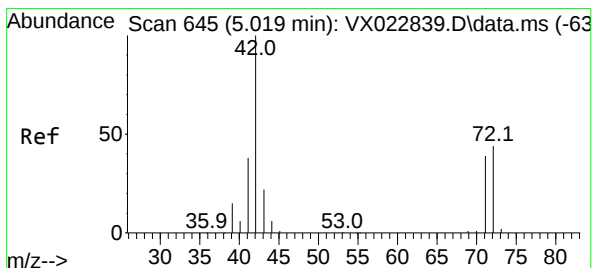
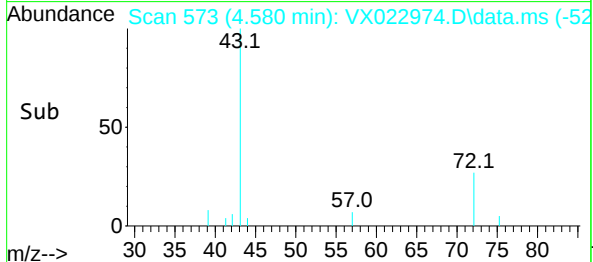
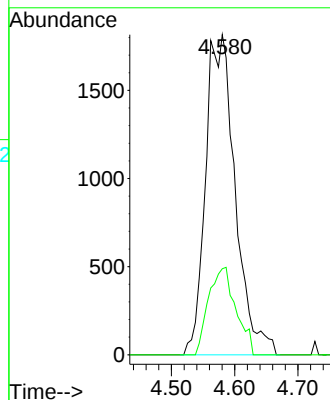
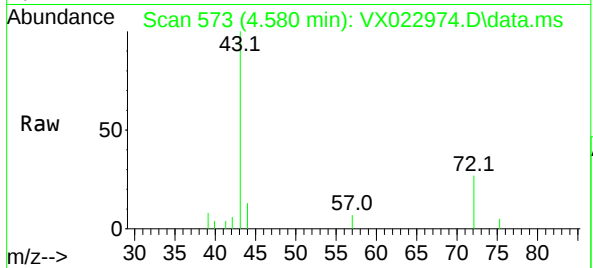




#25
2-Butanone
Concen: 8.850 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

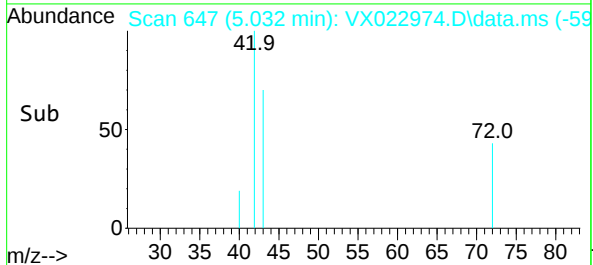
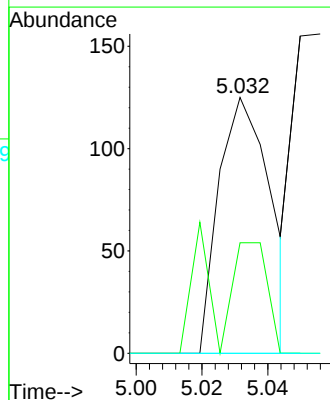
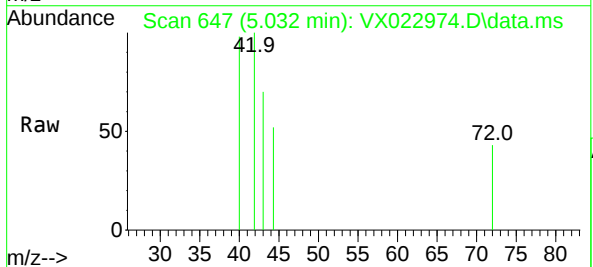
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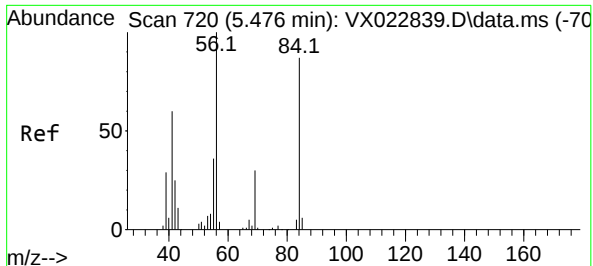
Tgt Ion: 43 Resp: 5895
Ion Ratio Lower Upper
43 100
72 26.9 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.320 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion: 42 Resp: 137
Ion Ratio Lower Upper
42 100
72 29.2 41.7 62.5#
71 0.0 38.4 57.6#

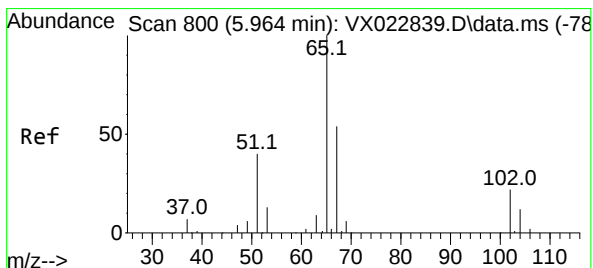
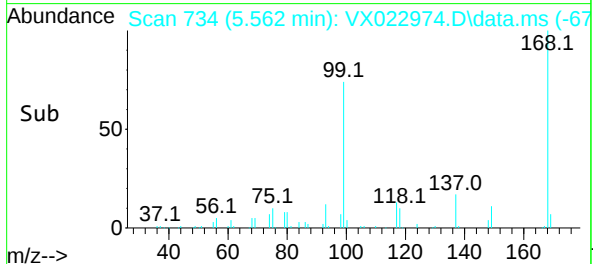
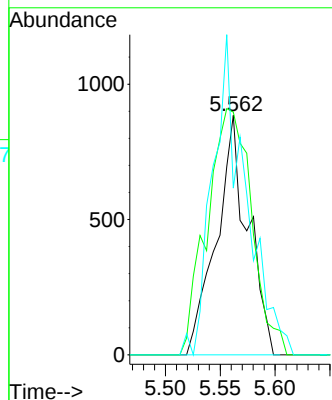
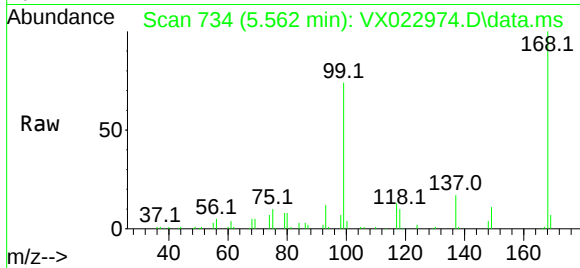




#31
Cyclohexane
Concen: 1.296 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

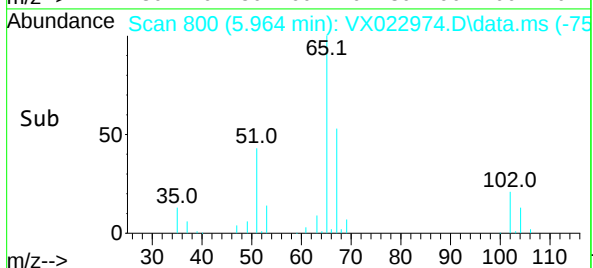
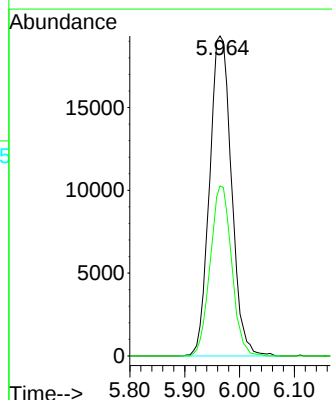
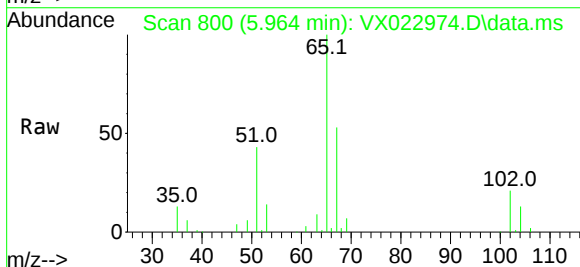
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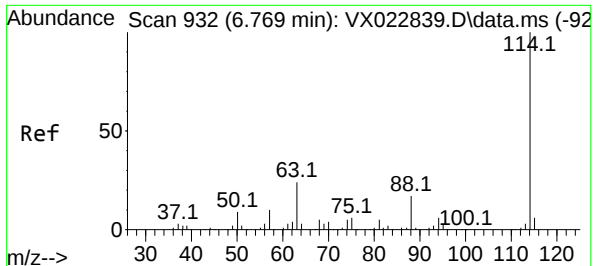
Tgt Ion: 56 Resp: 1768
Ion Ratio Lower Upper
56 100
69 101.4 25.3 37.9#
84 69.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.437 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion: 65 Resp: 53565
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

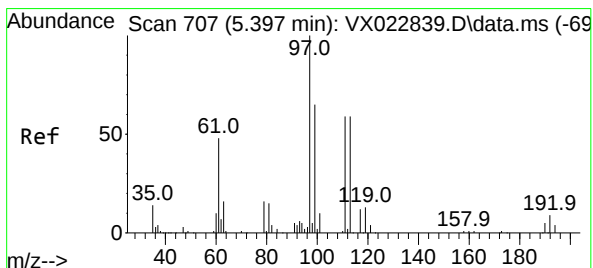
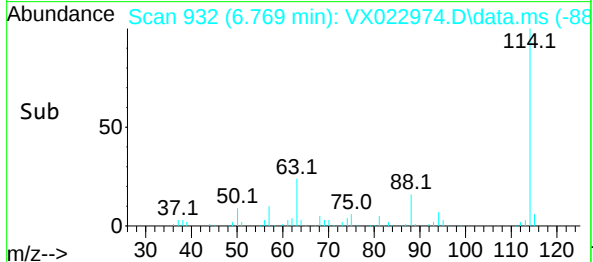
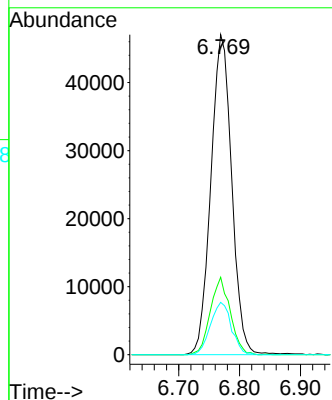
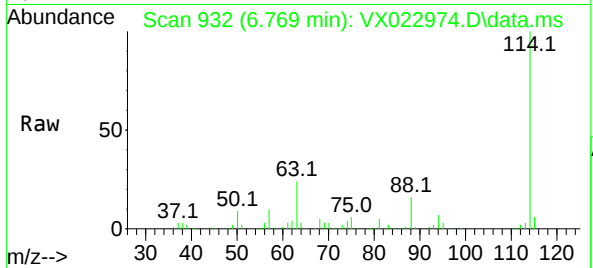




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

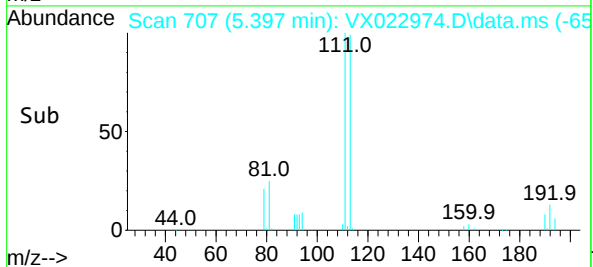
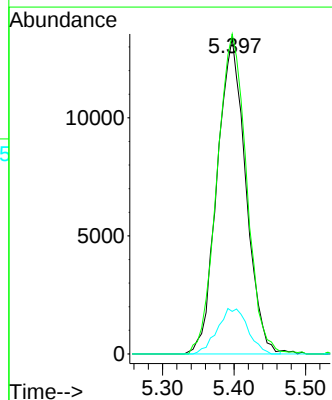
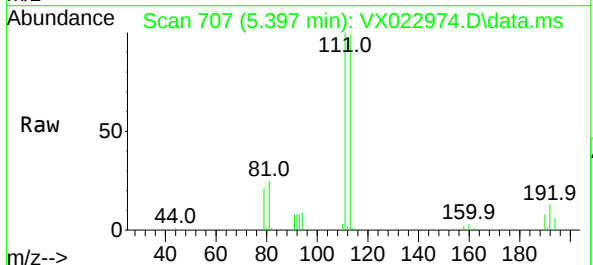
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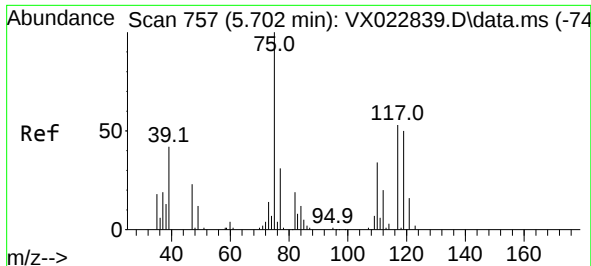
Tgt Ion:114 Resp: 111637
Ion Ratio Lower Upper
114 100
63 24.2 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.334 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion:113 Resp: 37101
Ion Ratio Lower Upper
113 100
111 104.8 81.9 122.9
192 15.3 16.7 25.1#

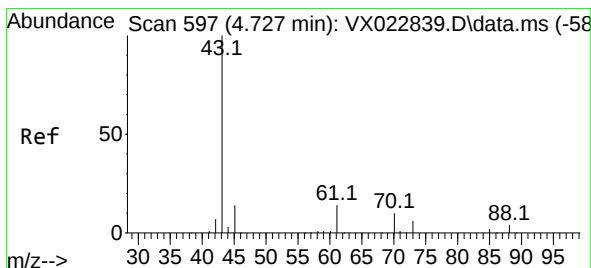
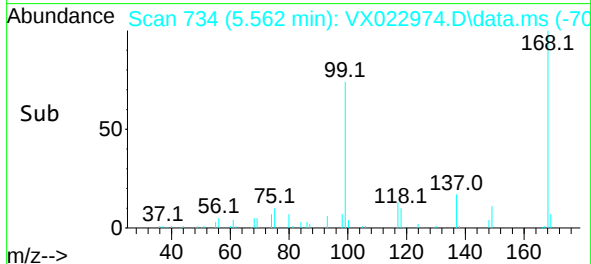
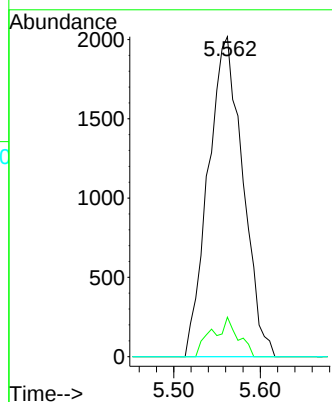
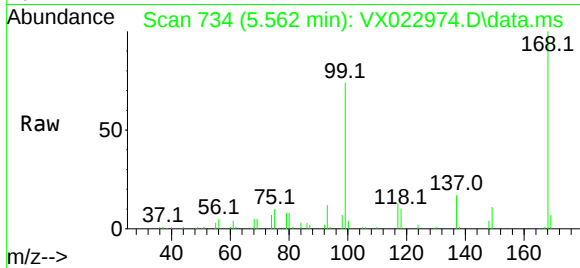




#36
1,1-Dichloropropene
Concen: 4.724 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

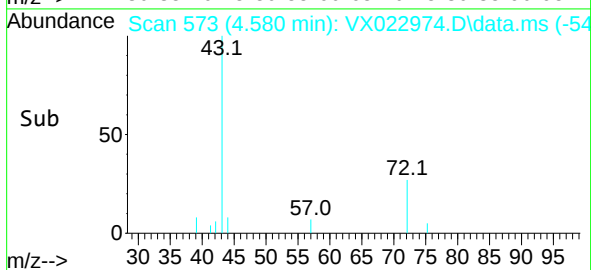
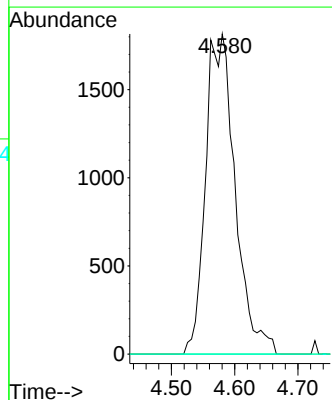
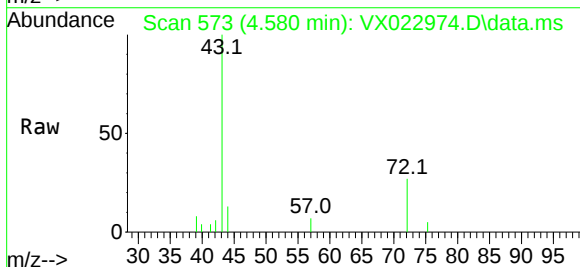
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

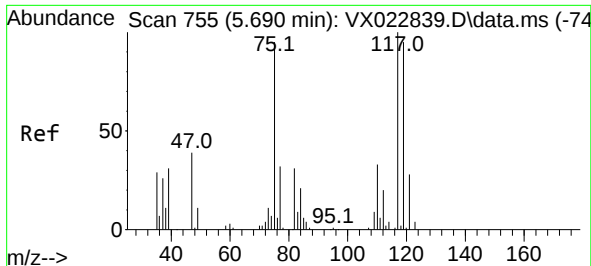
Tgt Ion: 75 Resp: 5601
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 4.292 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.147 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

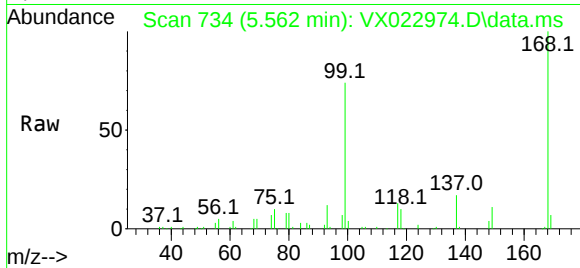
Tgt Ion: 43 Resp: 5895
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



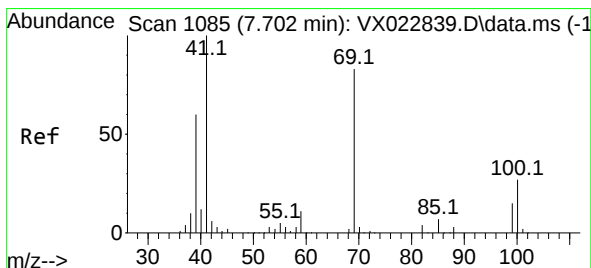
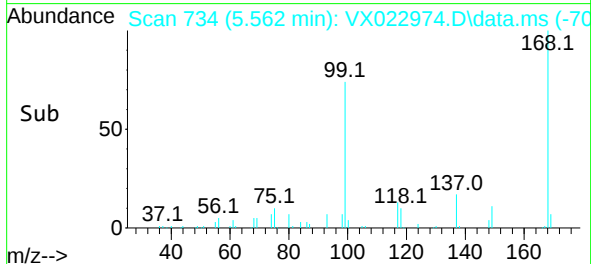
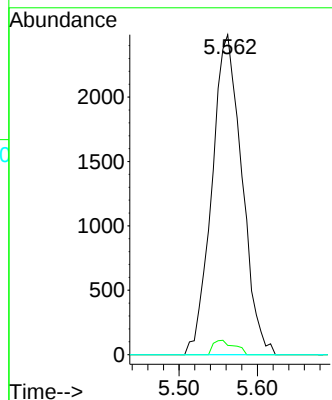


#38
Carbon Tetrachloride
Concen: 6.653 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

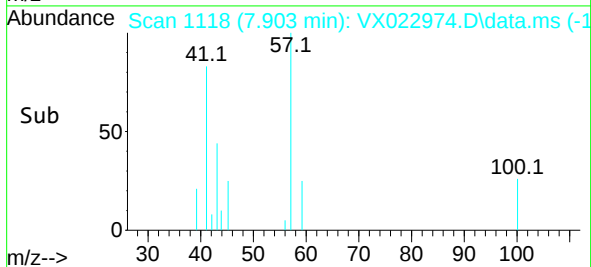
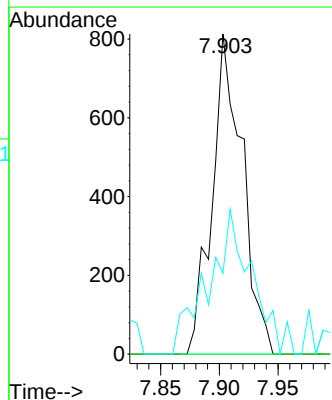
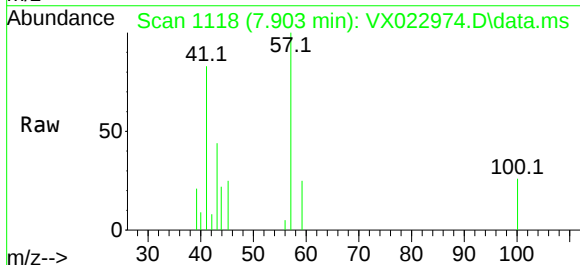


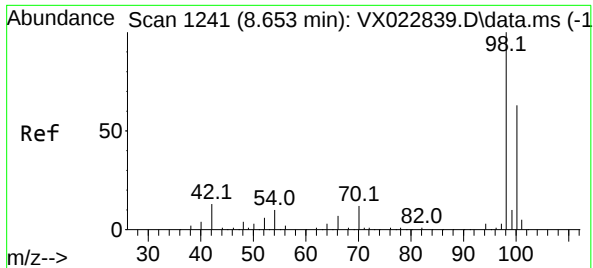
Tgt Ion:117 Resp: 6617
Ion Ratio Lower Upper
117 100
119 2.9 76.2 114.2#
121 0.0 24.8 37.2#



#48
Methyl methacrylate
Concen: 1.425 ug/l
RT: 7.903 min Scan# 1118
Delta R.T. 0.201 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion: 41 Resp: 1456
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 65.1 44.6 67.0

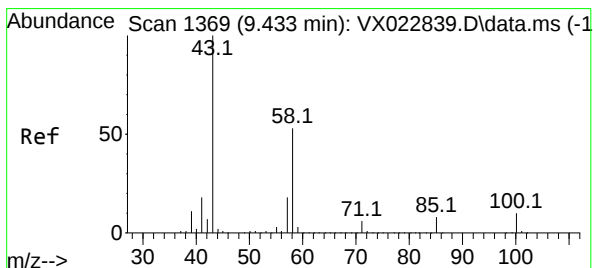
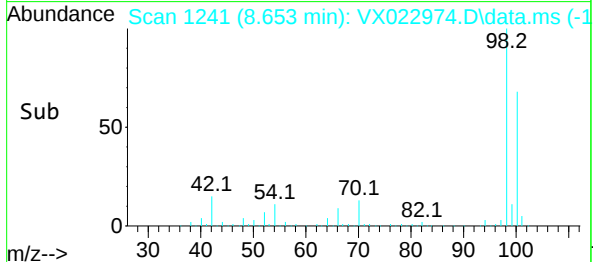
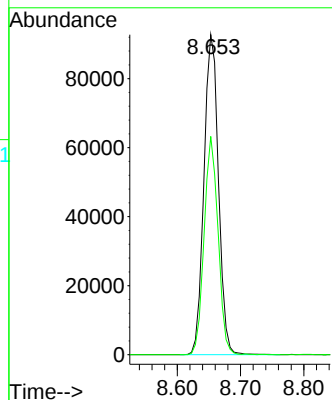
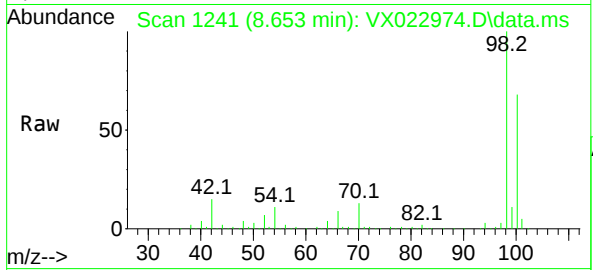




#50
Toluene-d8
Concen: 53.399 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

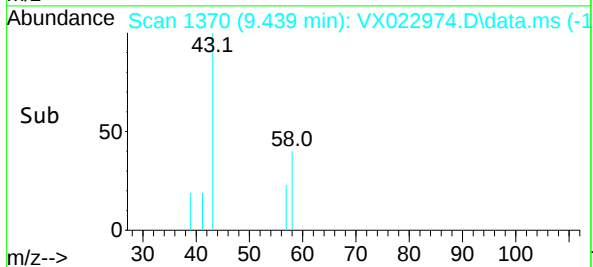
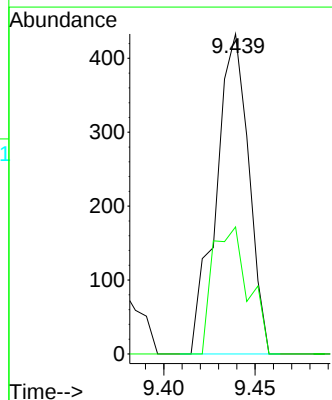
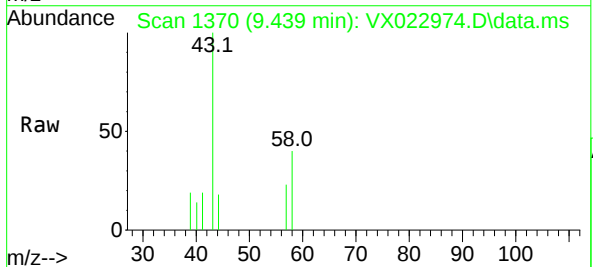
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

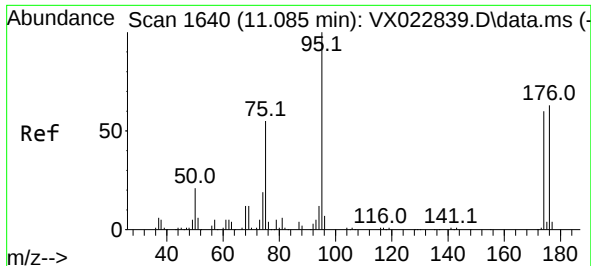
Tgt Ion: 98 Resp: 148364
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#59
2-Hexanone
Concen: 0.517 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
58 43.4 30.9 92.8

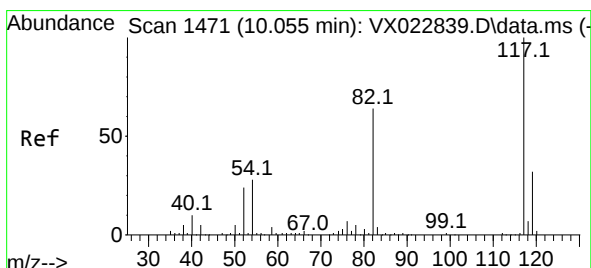
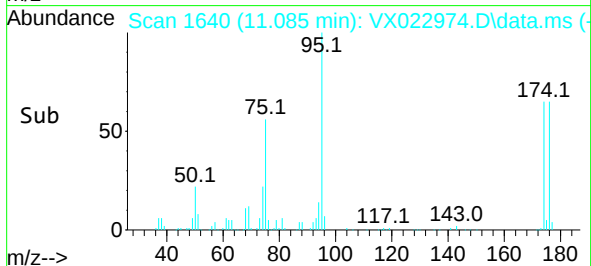
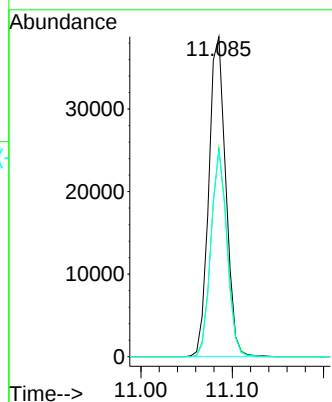
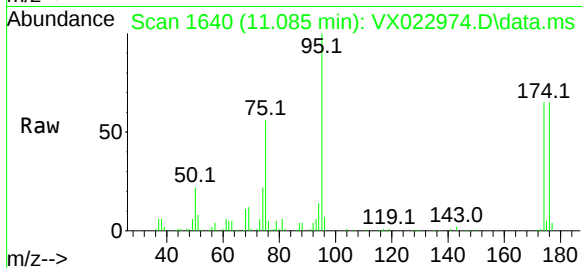




#62
4-Bromofluorobenzene
Concen: 48.062 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

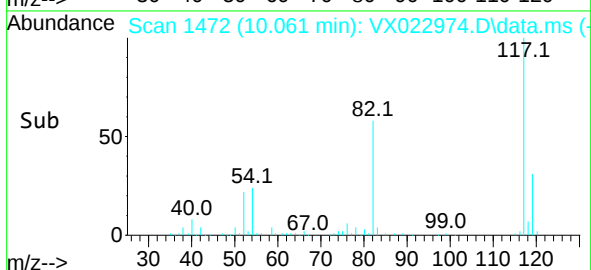
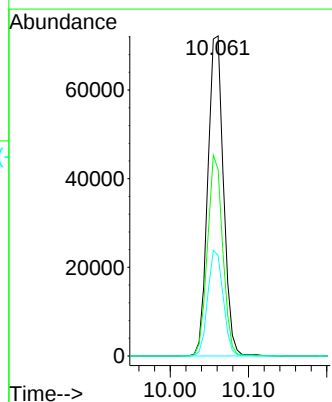
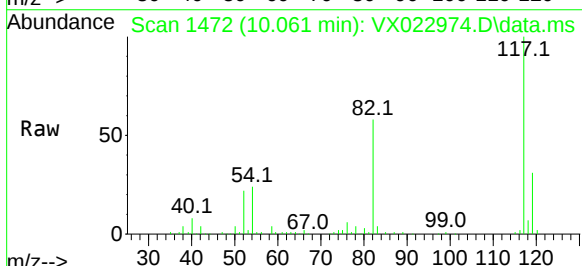
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

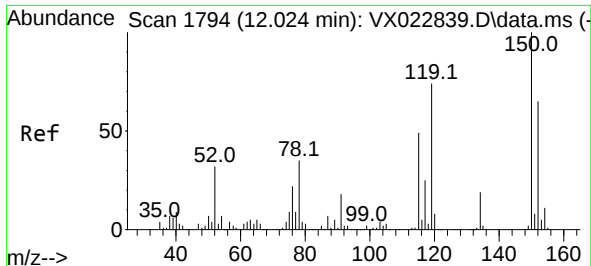
Tgt Ion: 95 Resp: 49837
Ion Ratio Lower Upper
95 100
174 62.0 0.0 154.6
176 60.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion: 117 Resp: 100090
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.4 26.6 39.8

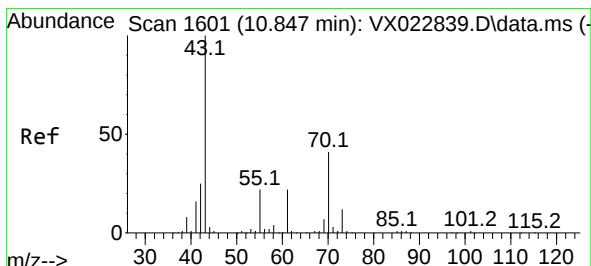
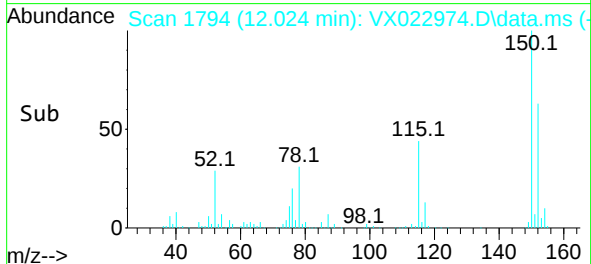
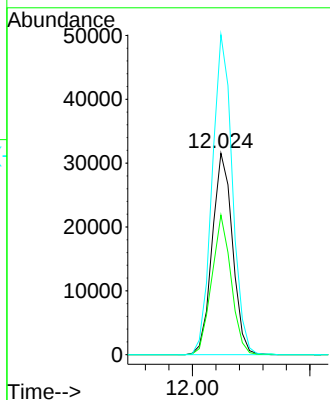
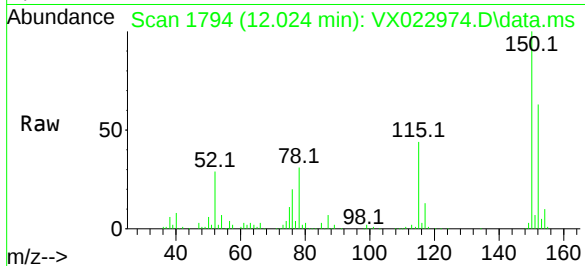




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

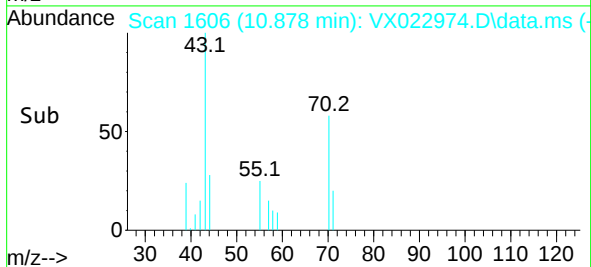
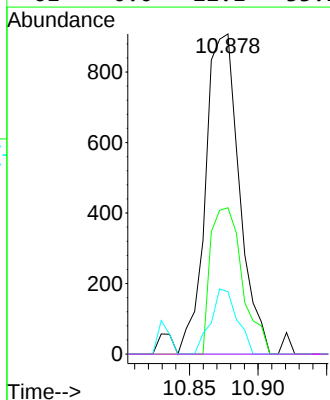
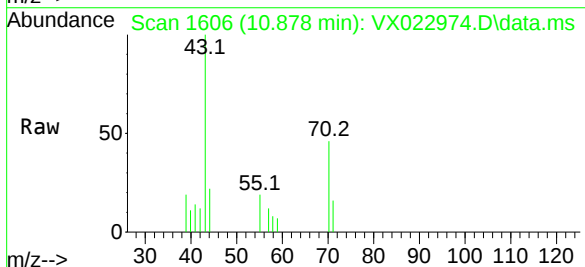
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

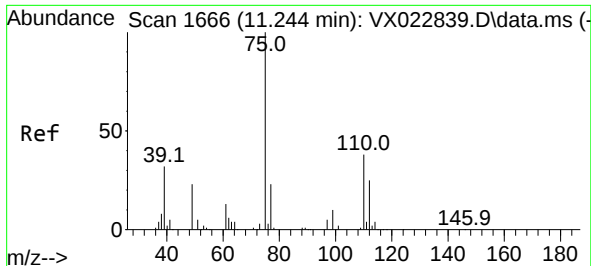
Tgt Ion:152 Resp: 37954
Ion Ratio Lower Upper
152 100
115 66.1 41.1 123.3
150 157.8 0.0 349.0



#74
N-ethyl acetate
Concen: 2.877 ug/l
RT: 10.878 min Scan# 1606
Delta R.T. 0.031 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Tgt Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
70 43.2 39.0 58.6
55 15.9 21.5 32.3#
61 0.0 22.1 33.1#

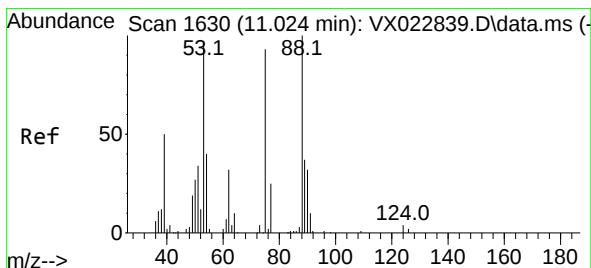
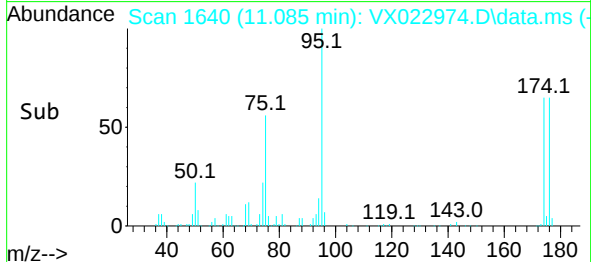
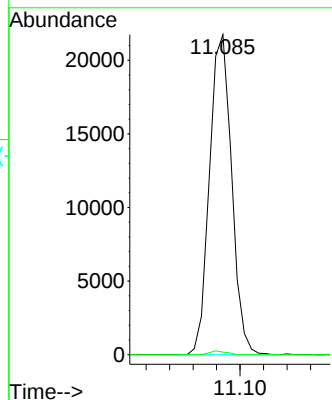
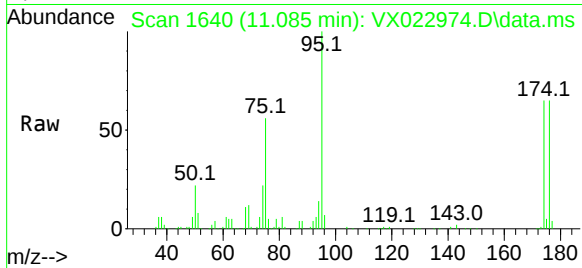




#76
1,2,3-Trichloropropane
Concen: 28.379 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

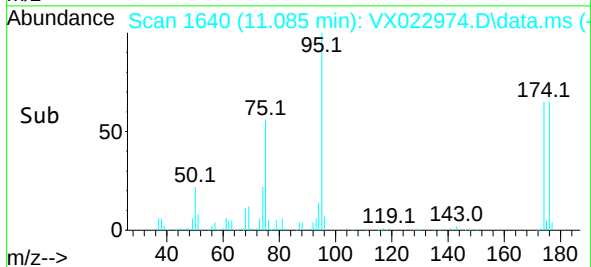
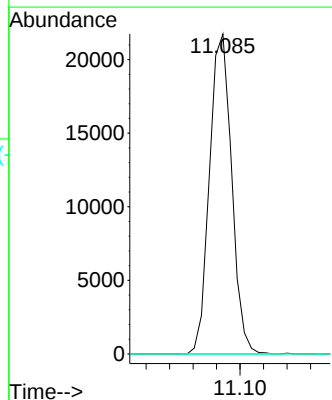
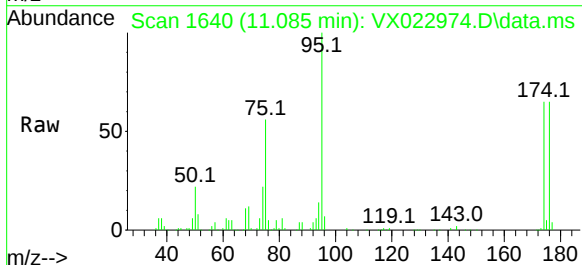
Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622

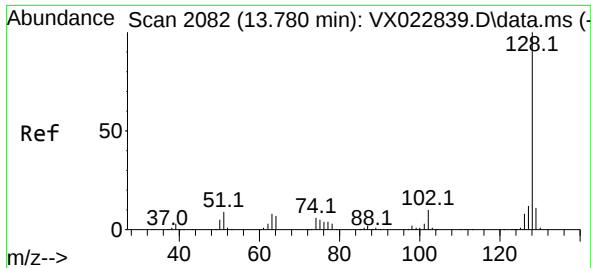
Tgt Ion: 75 Resp: 28450
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.182 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

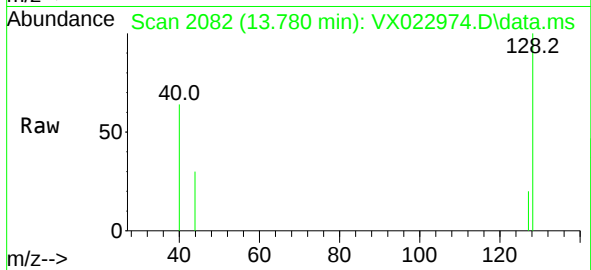
Tgt Ion: 75 Resp: 28450
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 2.003 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022974.D
Acq: 28 Jun 2021 13:04

Instrument :
MSVOA_X
ClientSampleId :
EB04-20210622



Tgt Ion:128 Resp: 259
Ion Ratio Lower Upper
128 100
127 15.4 10.3 15.5
129 0.0 8.8 13.2#

