

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072651.D
 Acq On : 20 Apr 2022 17:04
 Operator : VA/SY
 Sample : N2466-06
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB2-041822-8-10

Quant Time: Apr 21 01:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

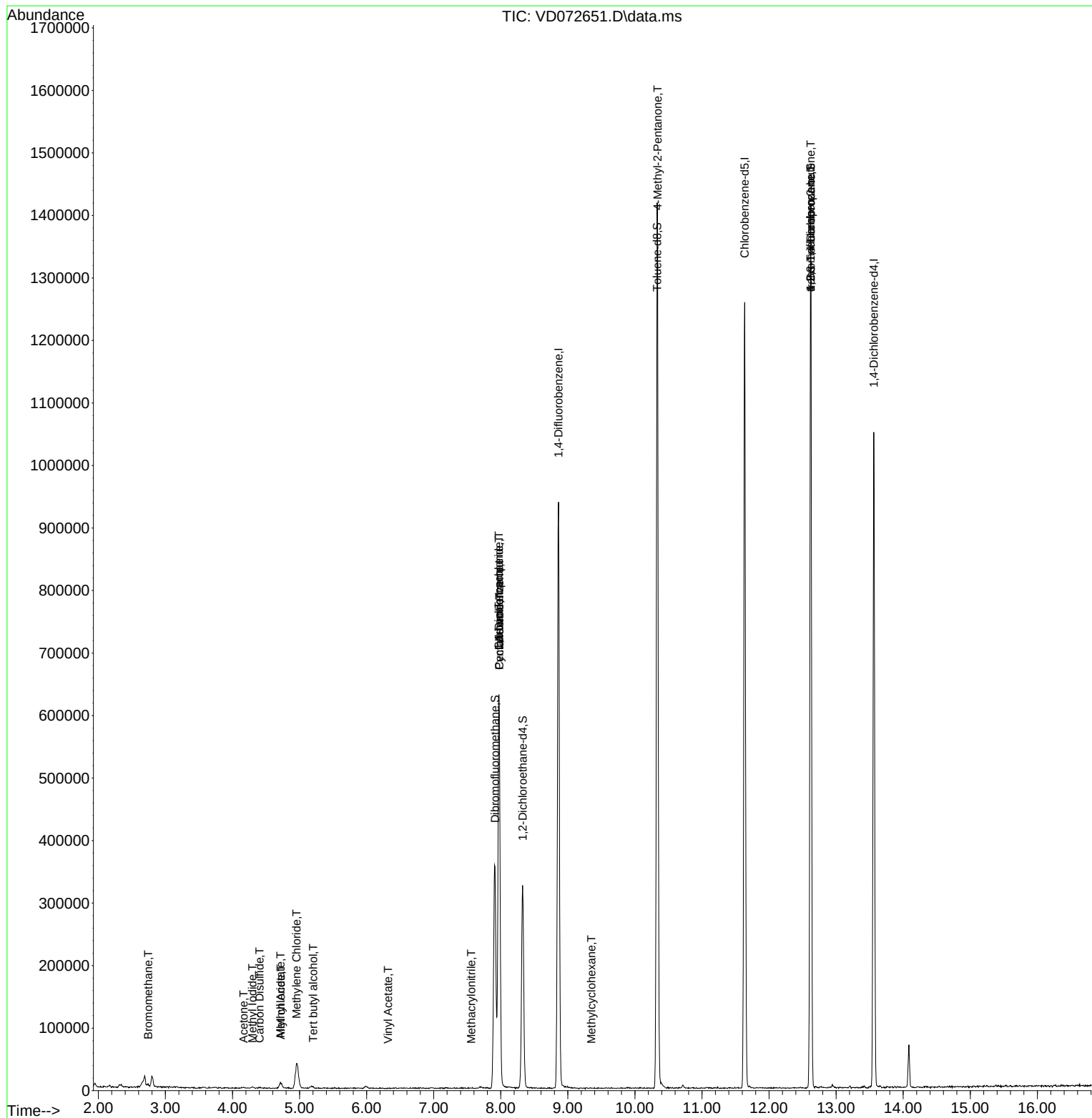
Internal Standards						
1) Pentafluorobenzene	7.979	168	461617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	803989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	741666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	260878	46.718	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.440%		
35) Dibromofluoromethane	7.914	113	270402	43.277	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.560%		
50) Toluene-d8	10.332	98	976623	44.967	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.940%		
62) 4-Bromofluorobenzene	12.620	95	323036	38.084	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	76.160%		
Target Compounds						Qvalue
5) Bromomethane	2.744	94	2629	1.007	ug/l	90
10) Methyl Iodide	4.297	142	3499	4.386	ug/l #	91
11) Tert butyl alcohol	5.203	59	740	2.509	ug/l	96
14) Allyl chloride	4.720	41	255	1.161	ug/l #	22
16) Acetone	4.167	43	2079	1.997	ug/l #	47
17) Carbon Disulfide	4.403	76	1644	3.796	ug/l #	61
18) Methyl Acetate	4.714	43	16925	5.770	ug/l	92
20) Methylene Chloride	4.956	84	33445	5.395	ug/l #	78
23) Vinyl Acetate	6.320	43	55	6.295	ug/l #	75
31) Cyclohexane	7.979	56	10077	1.380	ug/l #	5
36) 1,1-Dichloropropene	7.973	75	36572	5.601	ug/l #	52
38) Carbon Tetrachloride	7.973	117	47830	5.557	ug/l #	17
39) Methylcyclohexane	9.350	83	273	2.904	ug/l #	17
41) Methacrylonitrile	7.561	41	55	1.686	ug/l #	21
51) 4-Methyl-2-Pentanone	10.338	43	4155	1.219	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	165750	54.175	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	165750	132.934	ug/l #	8

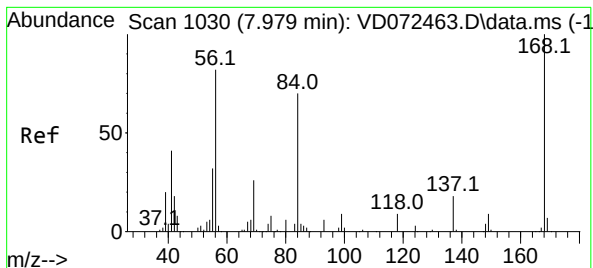
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
Data File : VD072651.D
Acq On : 20 Apr 2022 17:04
Operator : VA/SY
Sample : N2466-06
Misc : 5.32G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

Quant Time: Apr 21 01:54:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

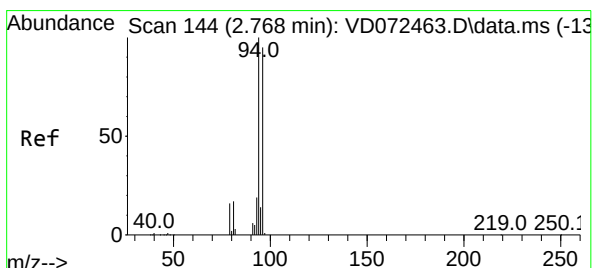
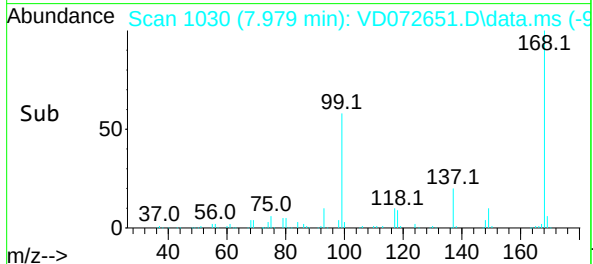
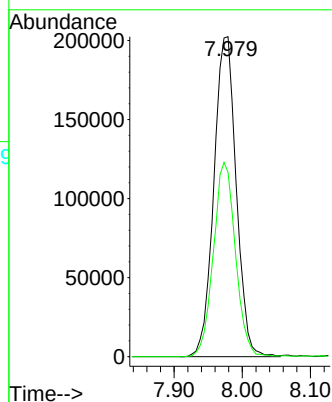
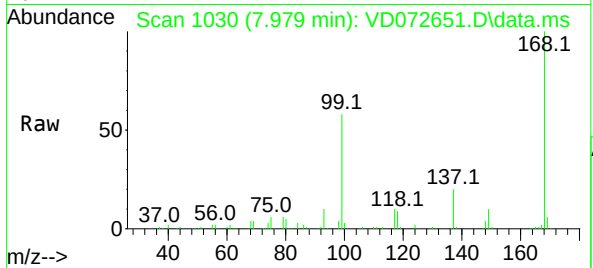




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

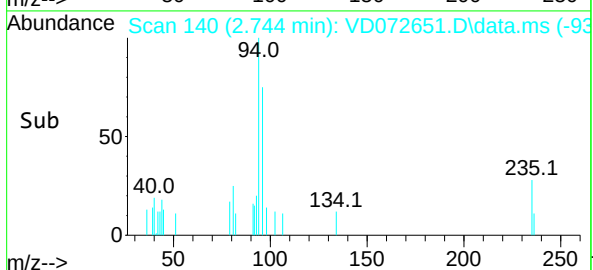
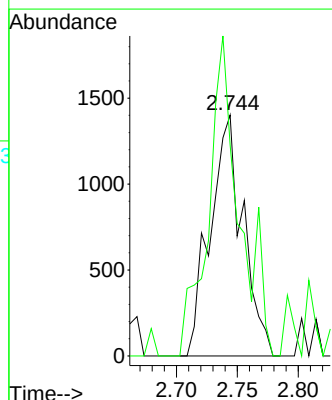
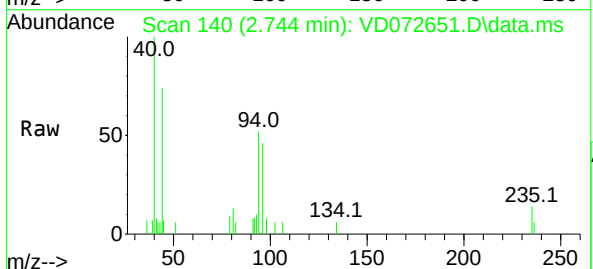
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

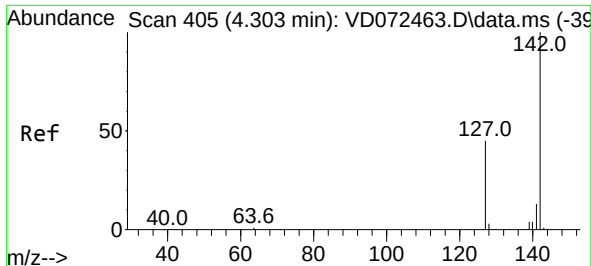
Tgt Ion:168 Resp: 461617
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#5
Bromomethane
Concen: 1.007 ug/l
RT: 2.744 min Scan# 140
Delta R.T. -0.023 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

Tgt Ion: 94 Resp: 2629
Ion Ratio Lower Upper
94 100
96 87.6 77.6 116.4

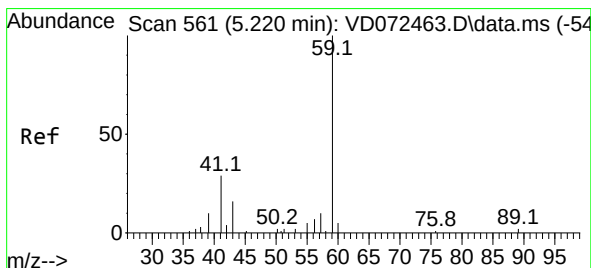
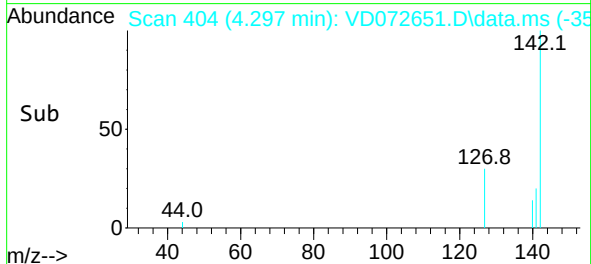
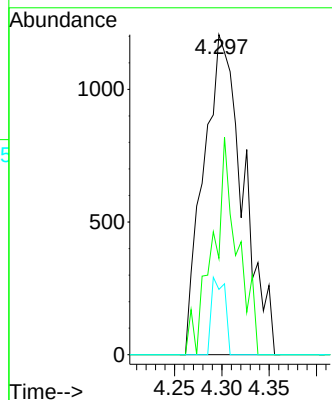
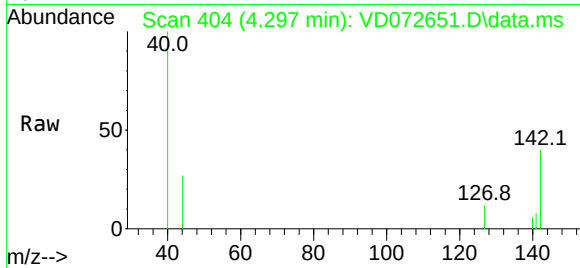




#10
Methyl Iodide
Concen: 4.386 ug/l
RT: 4.297 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

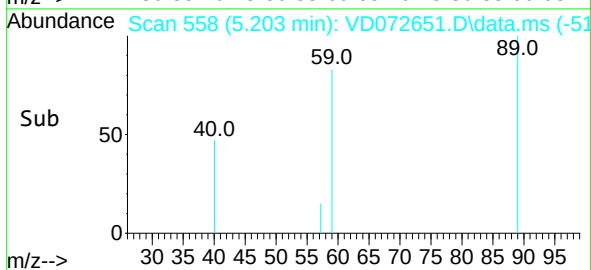
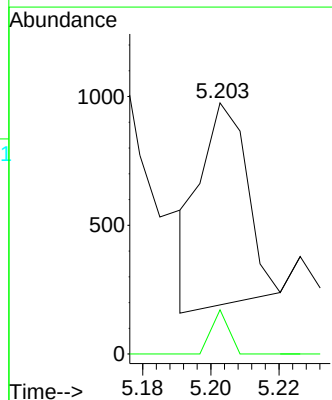
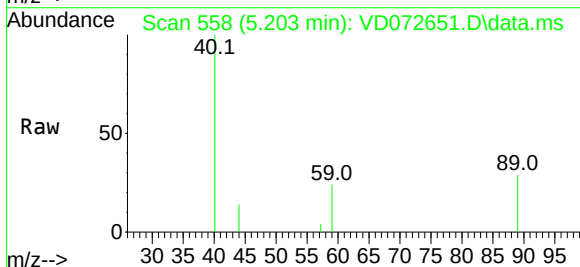
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

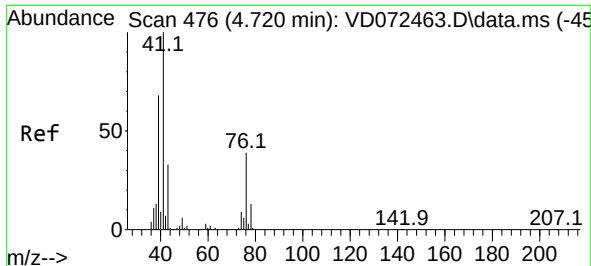
Tgt Ion:142 Resp: 3499
Ion Ratio Lower Upper
142 100
127 42.4 37.3 55.9
141 8.1 11.7 17.5#



#11
Tert butyl alcohol
Concen: 2.509 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.018 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

Tgt Ion: 59 Resp: 740
Ion Ratio Lower Upper
59 100
57 8.2 7.8 11.6

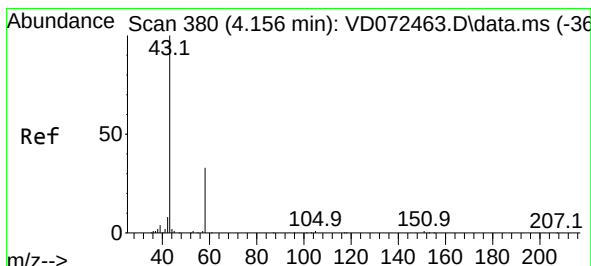
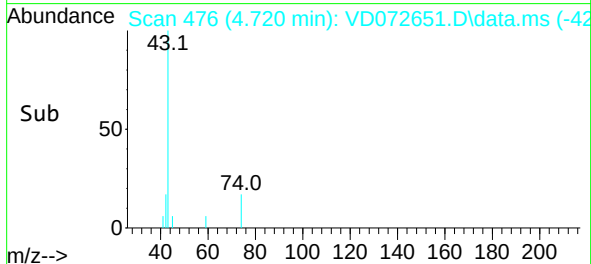
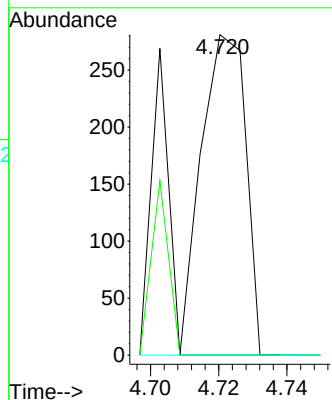
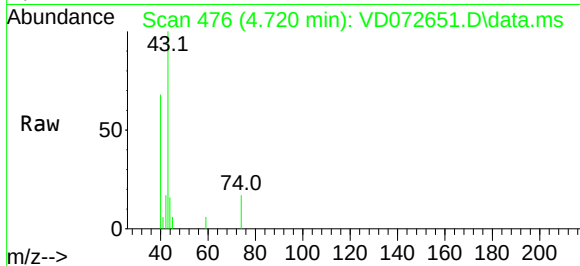




#14
 Allyl chloride
 Concen: 1.161 ug/l
 RT: 4.720 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VD072651.D
 Acq: 20 Apr 2022 17:04

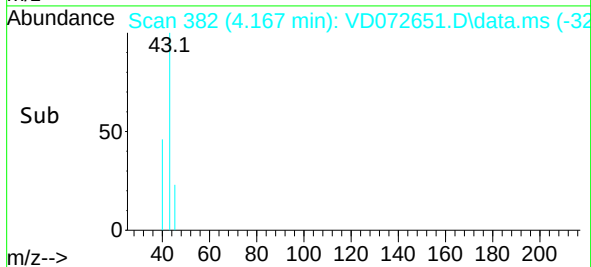
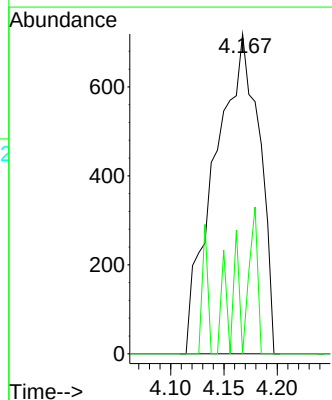
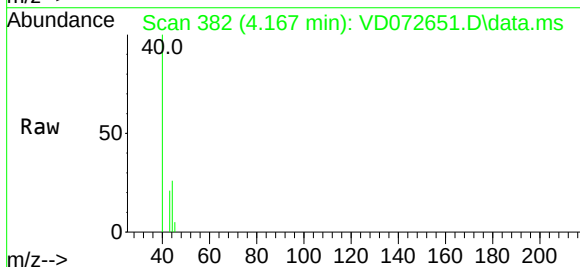
Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB2-041822-8-10

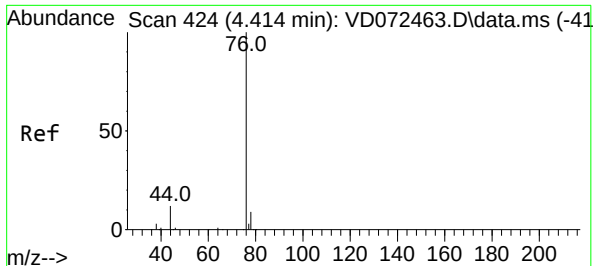
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	59.3	88.9#
76	0.0	25.7	38.5#



#16
 Acetone
 Concen: 1.997 ug/l
 RT: 4.167 min Scan# 382
 Delta R.T. 0.012 min
 Lab File: VD072651.D
 Acq: 20 Apr 2022 17:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.1	33.1#

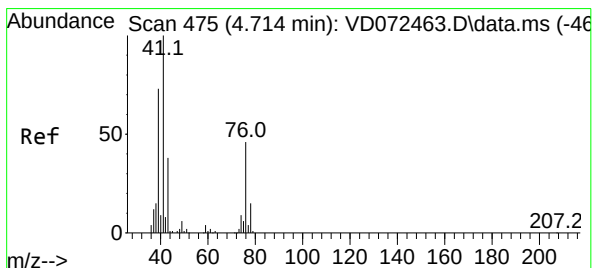
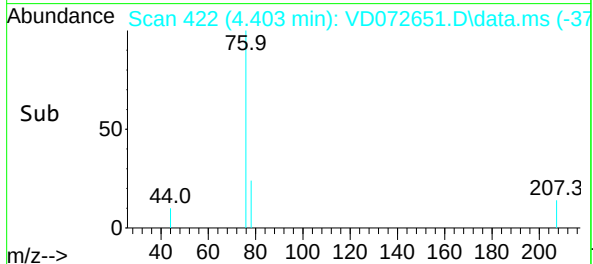
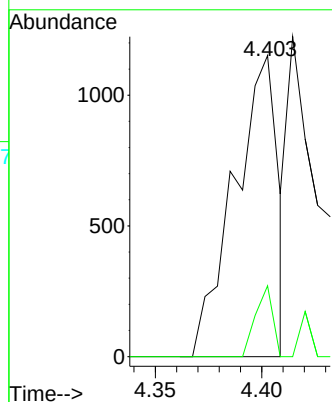
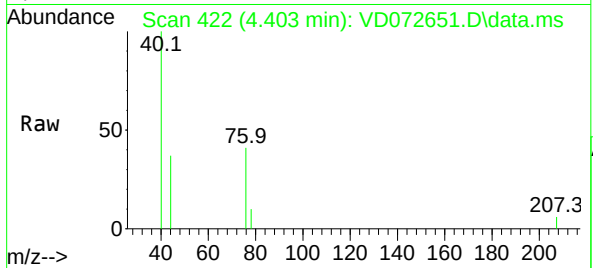




#17
Carbon Disulfide
Concen: 3.796 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

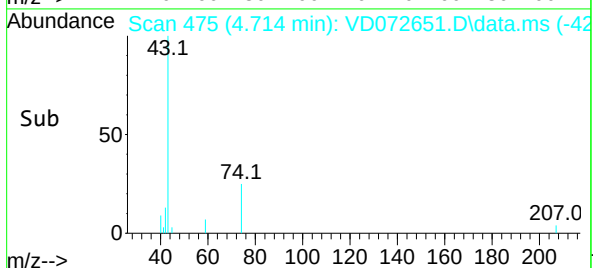
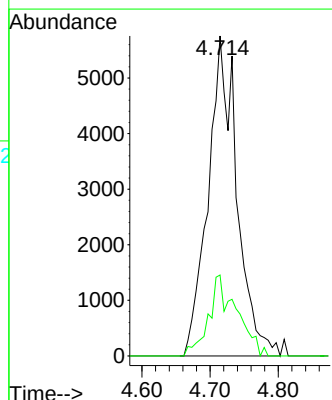
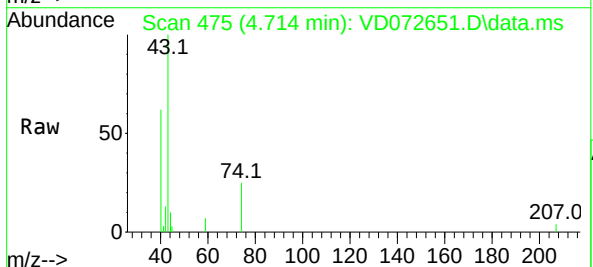
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

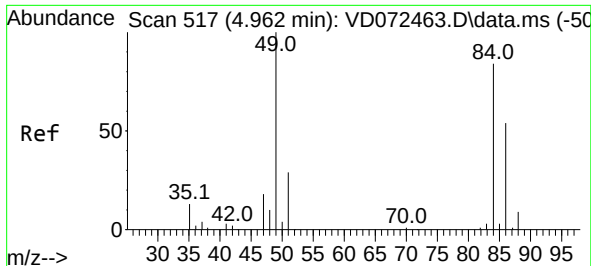
Tgt Ion: 76 Resp: 1644
Ion Ratio Lower Upper
76 100
78 23.5 7.5 11.3#



#18
Methyl Acetate
Concen: 5.770 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

Tgt Ion: 43 Resp: 16925
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1

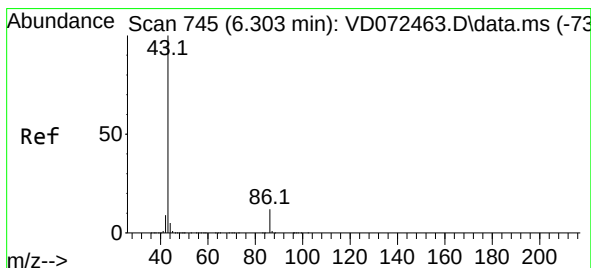
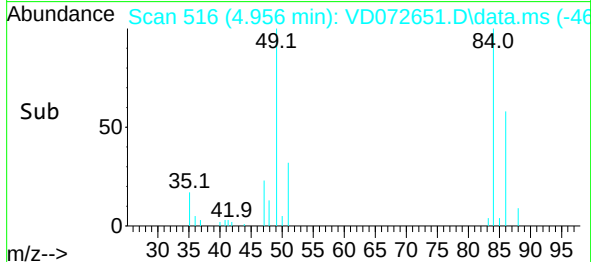
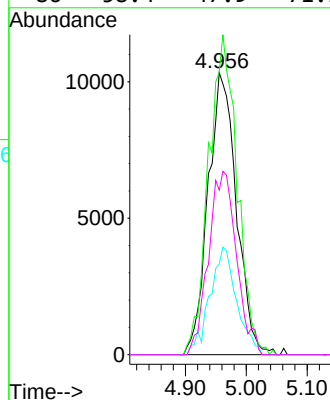
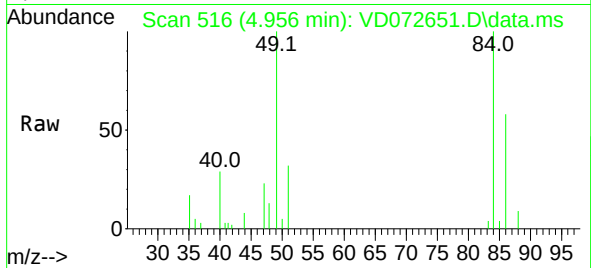




#20
Methylene Chloride
Concen: 5.395 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

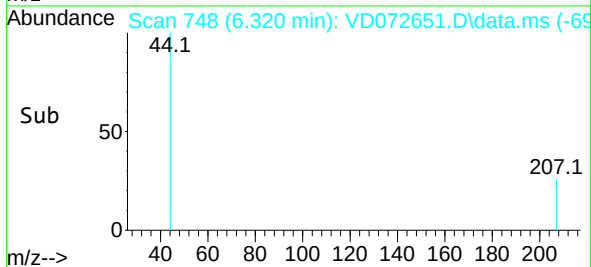
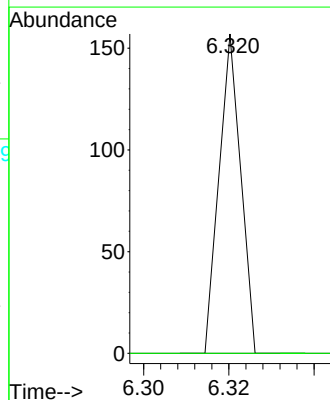
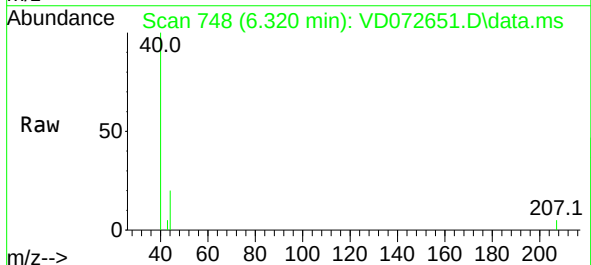
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

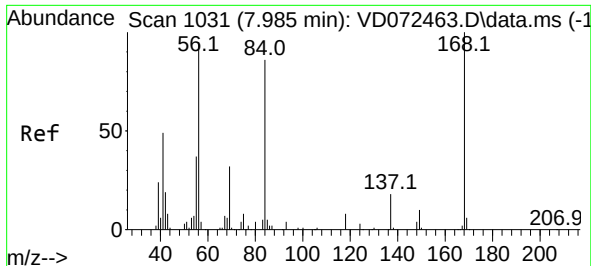
Tgt Ion:	84	Resp:	33445
Ion	Ratio	Lower	Upper
84	100		
49	100.3	112.8	169.2#
51	32.2	32.6	48.8#
86	58.4	47.9	71.9



#23
Vinyl Acetate
Concen: 6.295 ug/l
RT: 6.320 min Scan# 748
Delta R.T. 0.017 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

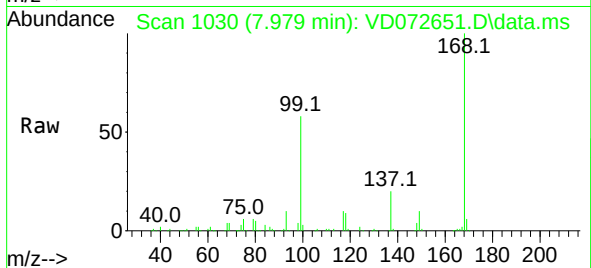
Tgt Ion:	43	Resp:	55
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#



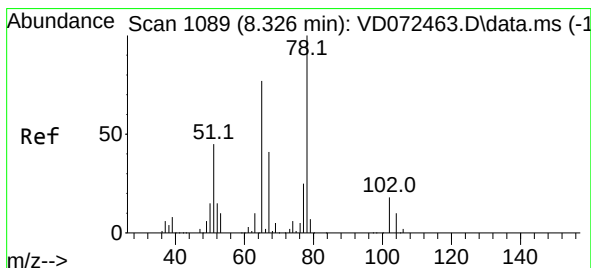
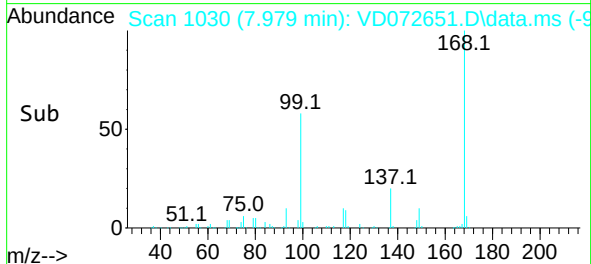
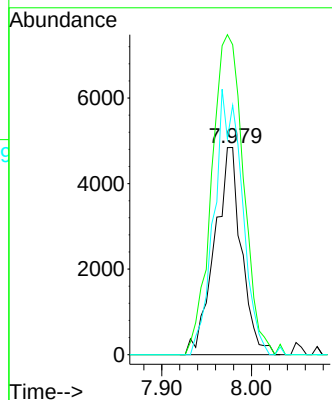


#31
Cyclohexane
Concen: 1.380 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

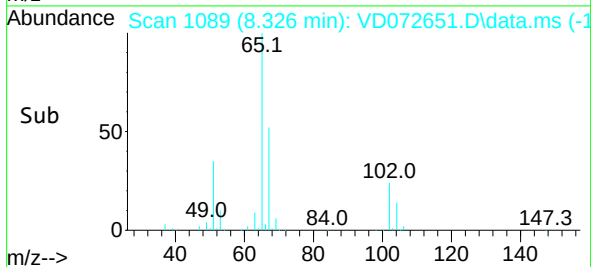
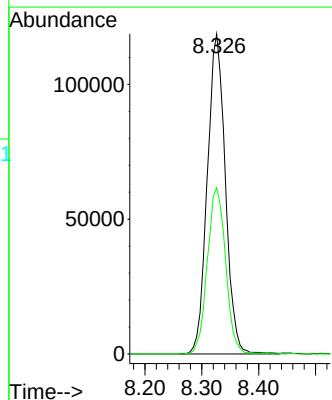
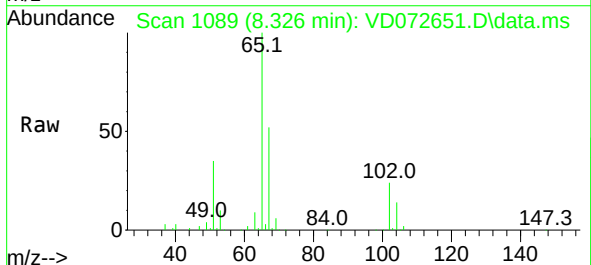


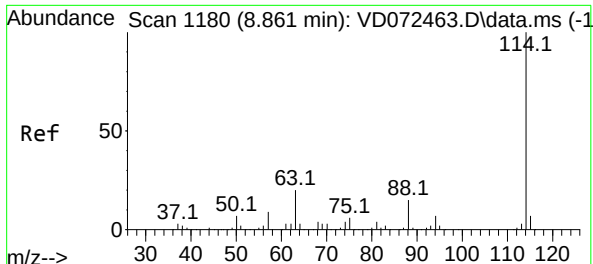
Tgt Ion: 56 Resp: 10077
Ion Ratio Lower Upper
56 100
69 149.6 25.4 38.2#
84 120.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.718 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

Tgt Ion: 65 Resp: 260878
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072651.D

Acq: 20 Apr 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB2-041822-8-10

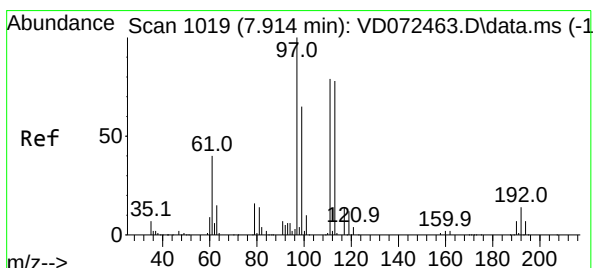
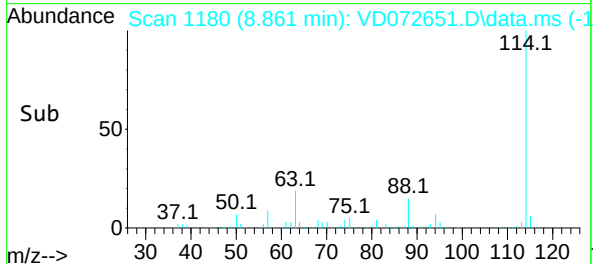
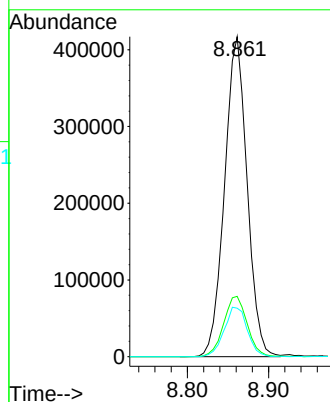
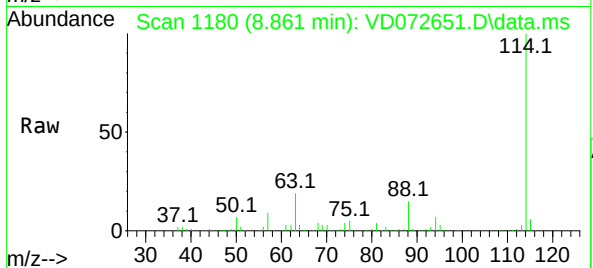
Tgt Ion:114 Resp: 803989

Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.277 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072651.D

Acq: 20 Apr 2022 17:04

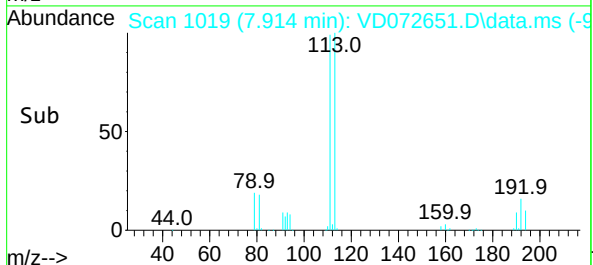
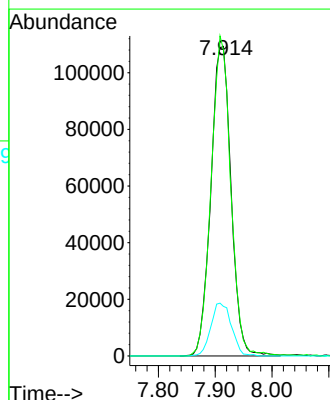
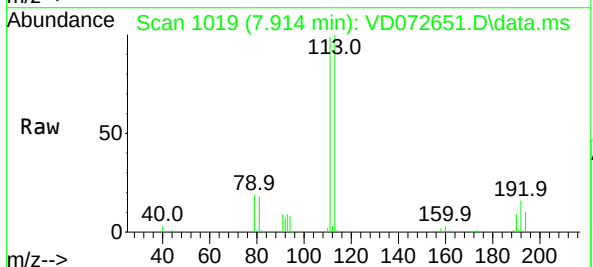
Tgt Ion:113 Resp: 270402

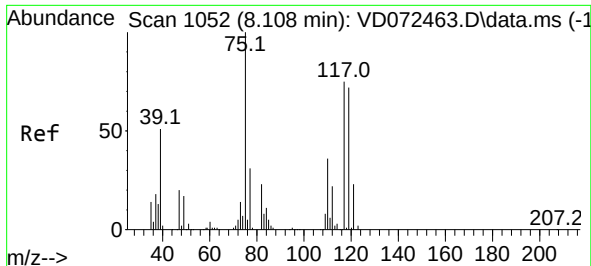
Ion Ratio Lower Upper

113 100

111 100.2 83.8 125.6

192 17.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.601 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072651.D

Acq: 20 Apr 2022 17:04

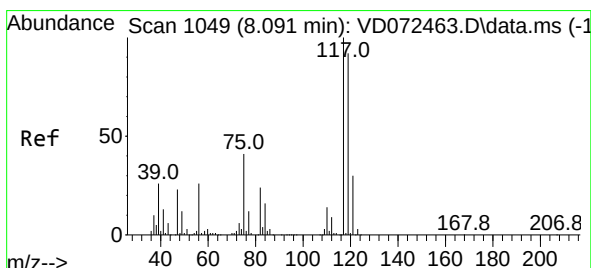
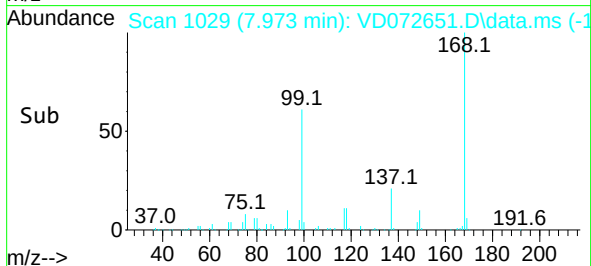
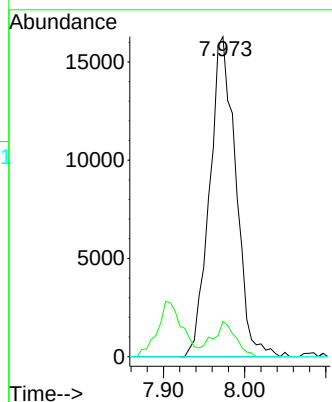
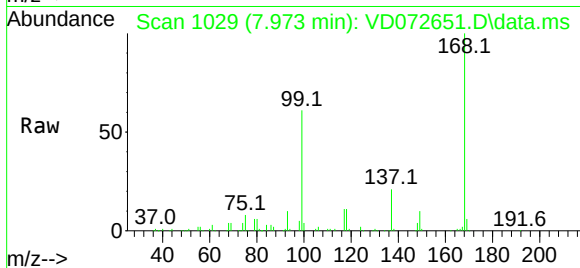
Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB2-041822-8-10

Tgt Ion: 75	Resp: 36572
Ion Ratio	Lower Upper
75	100
110	9.6 16.4 49.1#
77	0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.557 ug/l

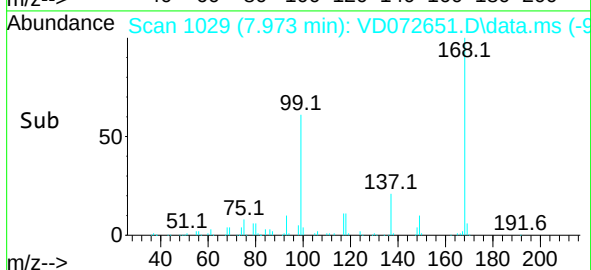
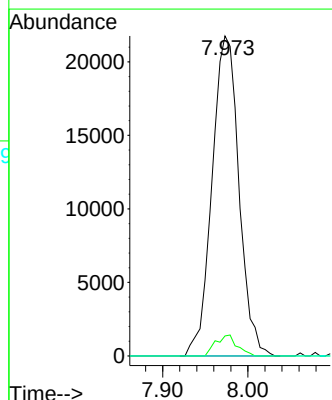
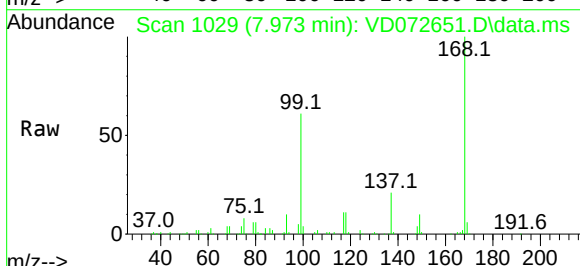
RT: 7.973 min Scan# 1029

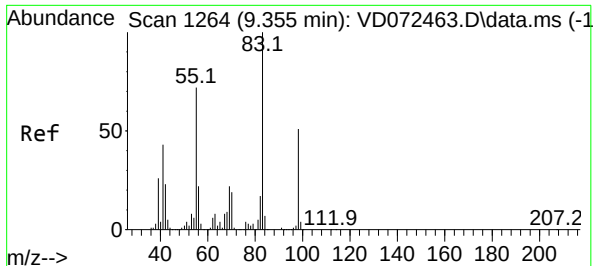
Delta R.T. -0.118 min

Lab File: VD072651.D

Acq: 20 Apr 2022 17:04

Tgt Ion: 117	Resp: 47830
Ion Ratio	Lower Upper
117	100
119	6.2 75.8 113.6#
121	0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 2.904 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072651.D

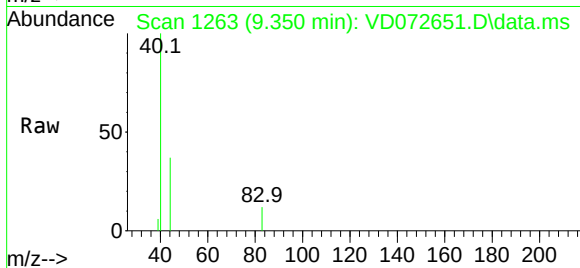
Acq: 20 Apr 2022 17:04

Instrument :

MSVOA_D

ClientSampleId :

E14ST-EB2-041822-8-10



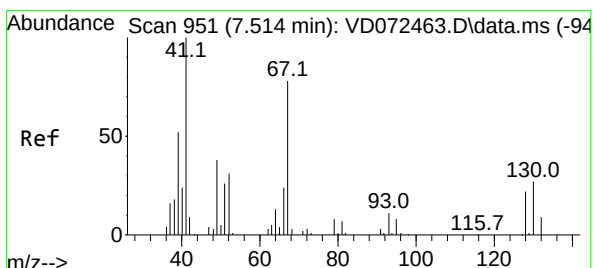
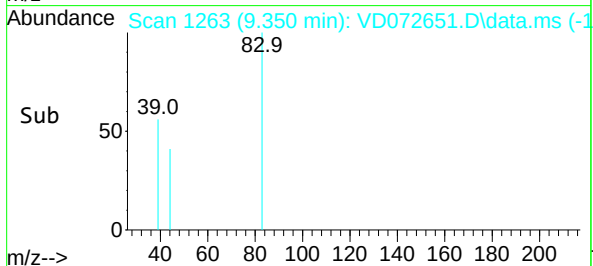
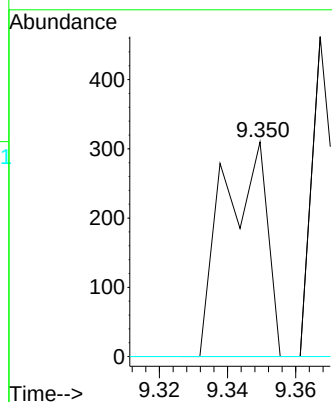
Tgt Ion: 83 Resp: 273

Ion Ratio Lower Upper

83 100

55 0.0 63.2 94.8#

98 0.0 38.2 57.4#



#41

Methacrylonitrile

Concen: 1.686 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.047 min

Lab File: VD072651.D

Acq: 20 Apr 2022 17:04

Tgt Ion: 41 Resp: 55

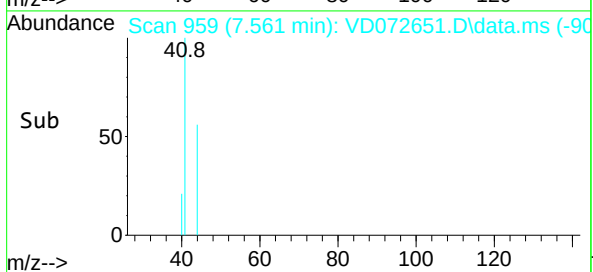
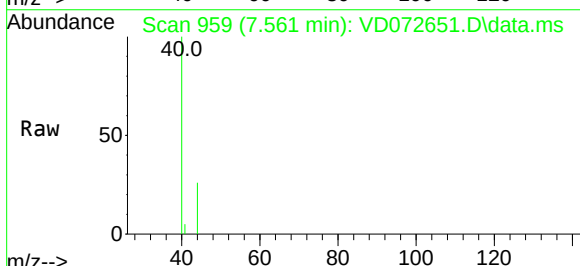
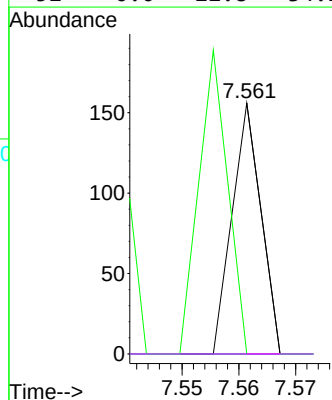
Ion Ratio Lower Upper

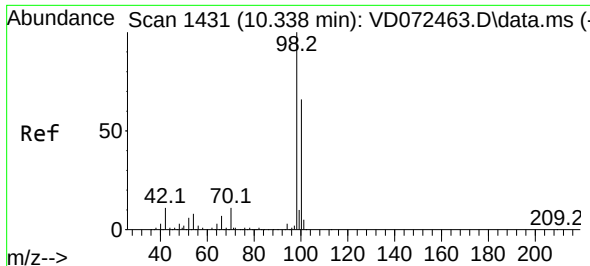
41 100

39 121.8 44.6 67.0#

67 0.0 48.2 72.4#

52 0.0 22.8 34.2#

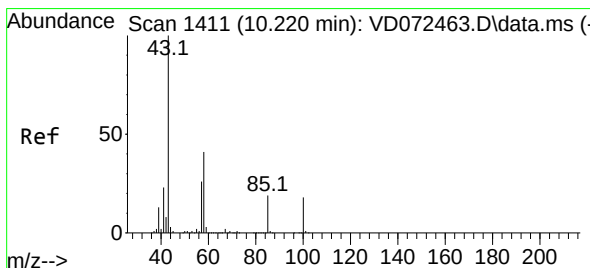
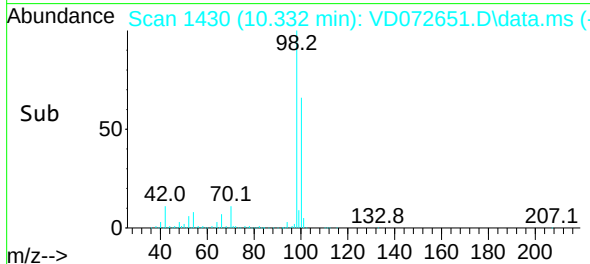
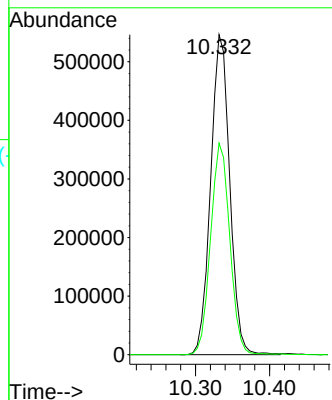
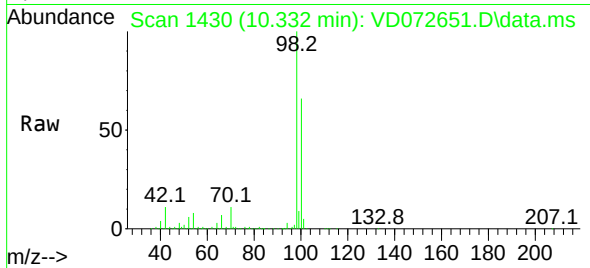




#50
Toluene-d8
Concen: 44.967 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

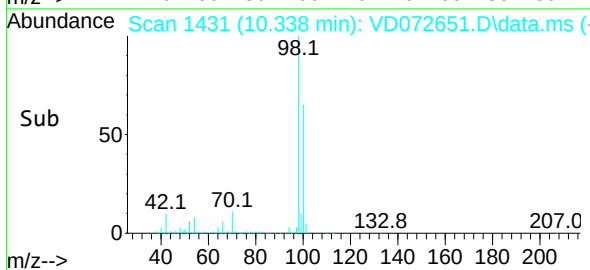
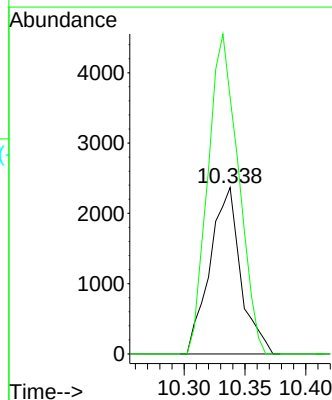
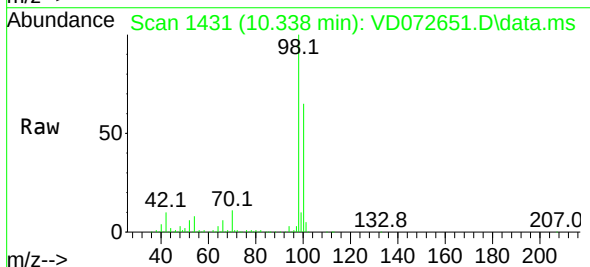
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

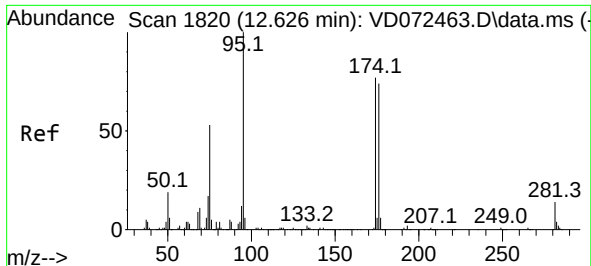
Tgt Ion: 98 Resp: 976623
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.219 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

Tgt Ion: 43 Resp: 4155
Ion Ratio Lower Upper
43 100
58 190.3 28.6 43.0#

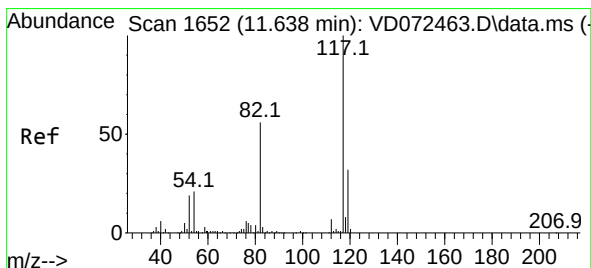
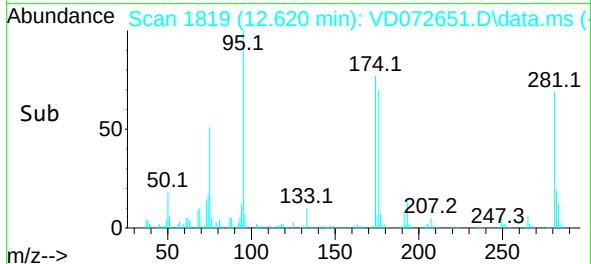
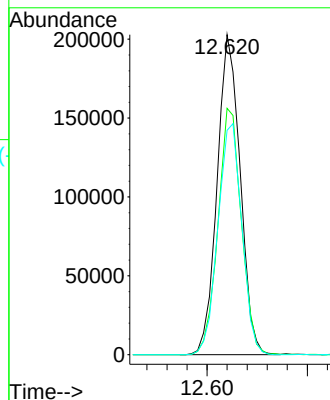
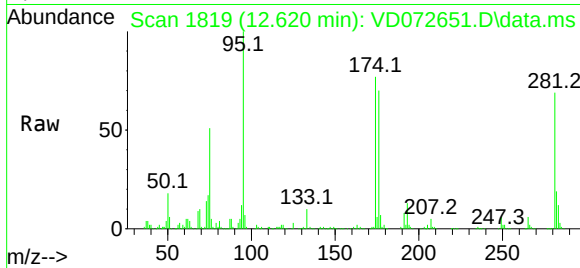




#62
4-Bromofluorobenzene
Concen: 38.084 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

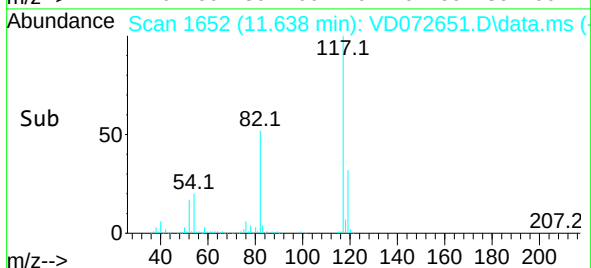
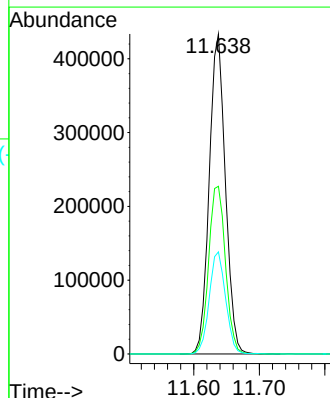
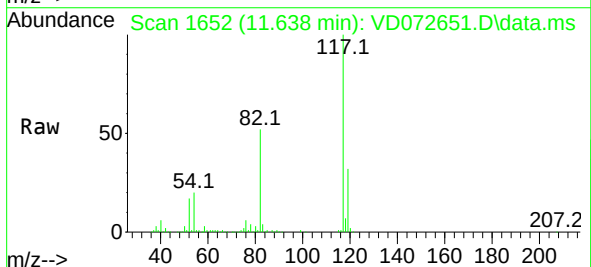
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

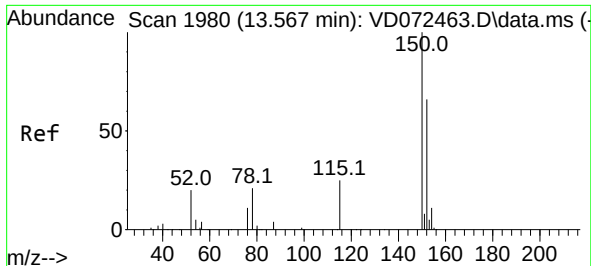
Tgt Ion: 95 Resp: 323036
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 75.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

Tgt Ion: 117 Resp: 741666
Ion Ratio Lower Upper
117 100
82 52.4 45.3 67.9
119 31.9 26.6 40.0

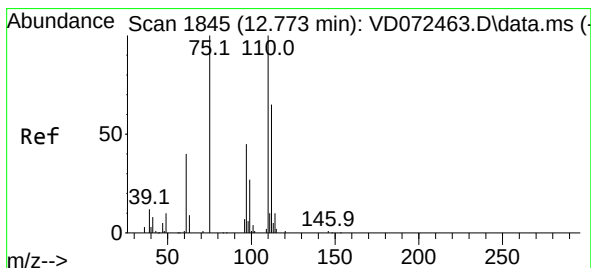
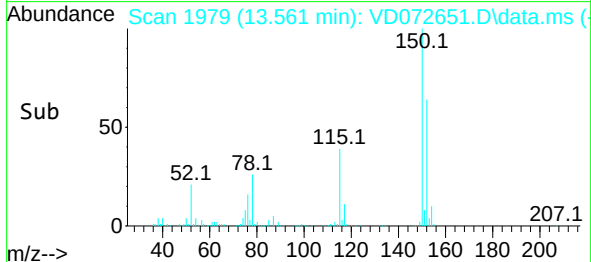
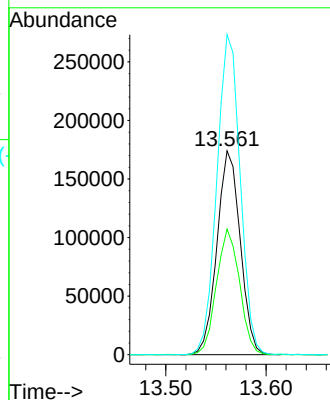
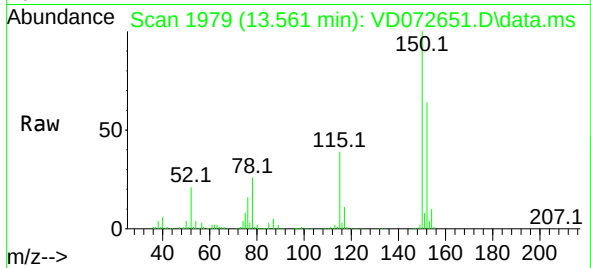




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

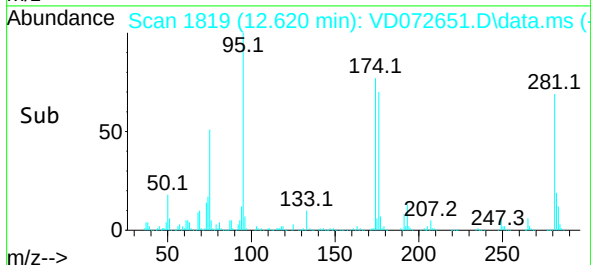
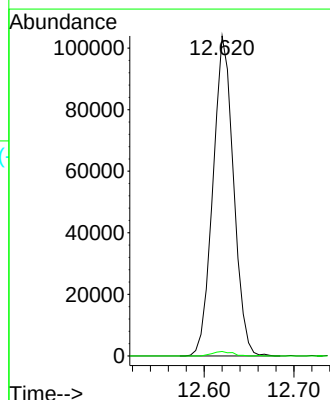
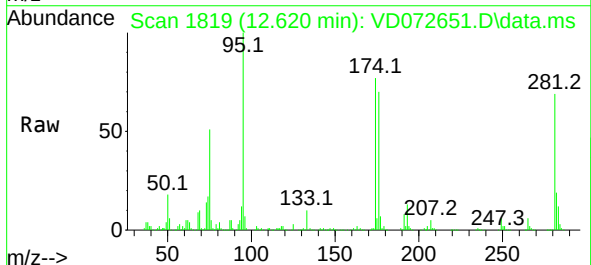
Instrument :
MSVOA_D
ClientSampleId :
E14ST-EB2-041822-8-10

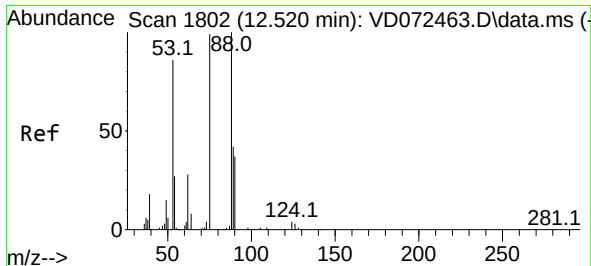
Tgt Ion:152 Resp: 280522
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 157.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 54.175 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072651.D
Acq: 20 Apr 2022 17:04

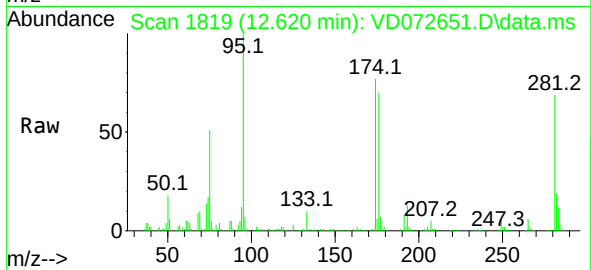
Tgt Ion: 75 Resp: 165750
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.934 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072651.D
 Acq: 20 Apr 2022 17:04

Instrument :
 MSVOA_D
 ClientSampleId :
 E14ST-EB2-041822-8-10



Tgt Ion: 75 Resp: 165750
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 1.4 33.9 50.9#

