

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042122\
 Data File : VD072676.D
 Acq On : 21 Apr 2022 17:42
 Operator : VA/SY
 Sample : N2477-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 371

Quant Time: Apr 22 03:42:14 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)

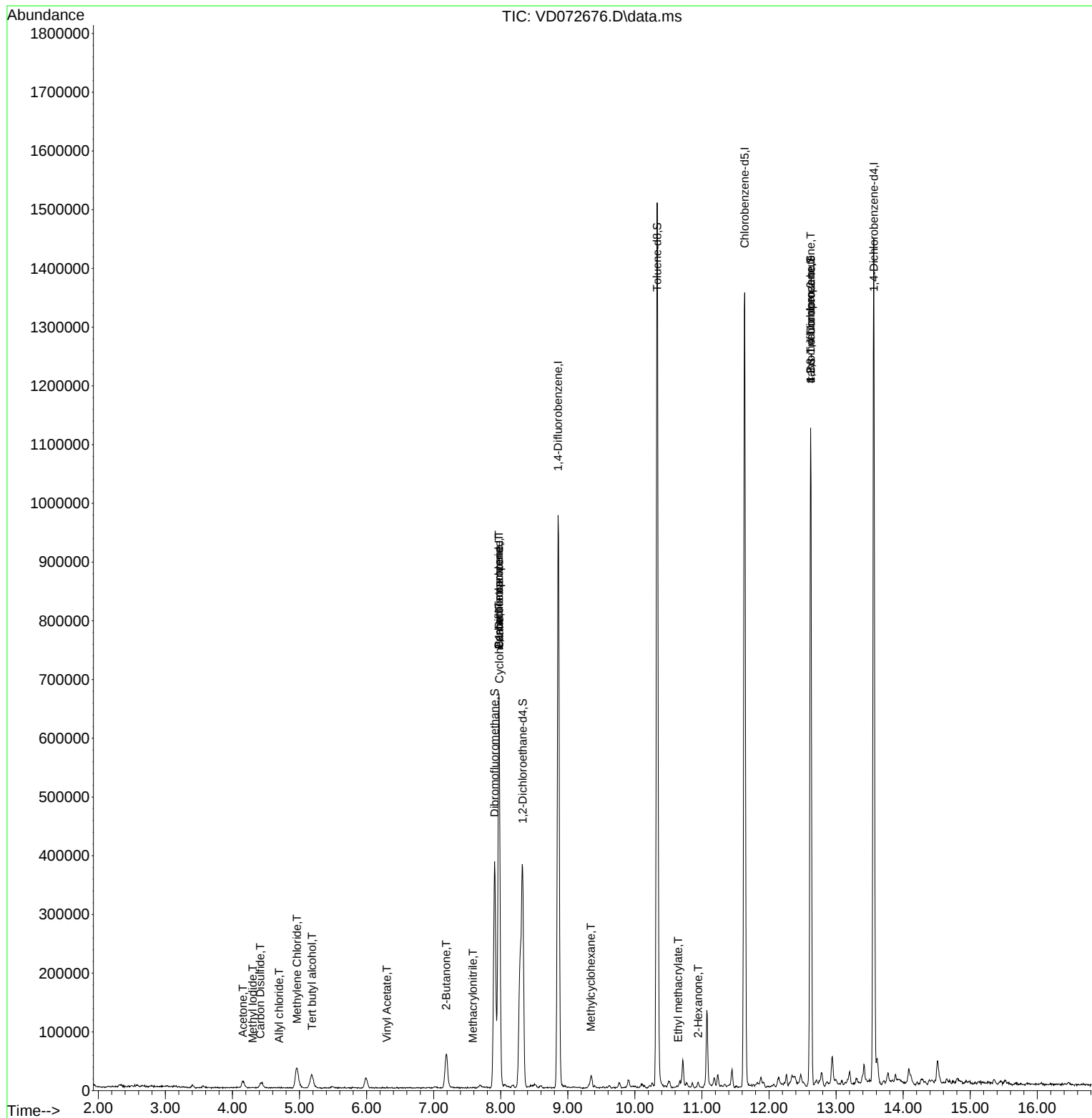
Internal Standards						
1) Pentafluorobenzene	7.973	168	463851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	832519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	805696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	370637	50.000	ug/l	0.00

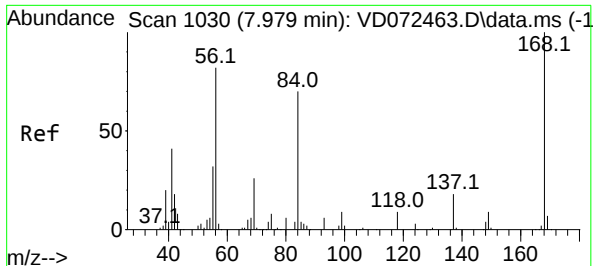
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	286161	50.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.000%
35) Dibromofluoromethane	7.909	113	276860	42.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.580%
50) Toluene-d8	10.332	98	1008374	44.837	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.680%
62) 4-Bromofluorobenzene	12.620	95	371397	42.285	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	

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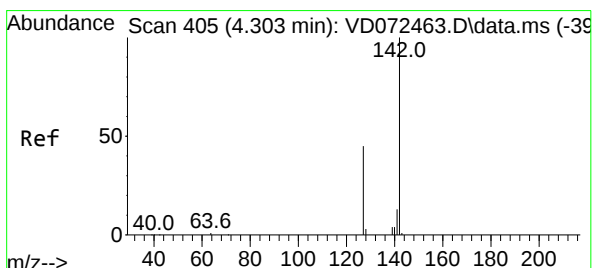
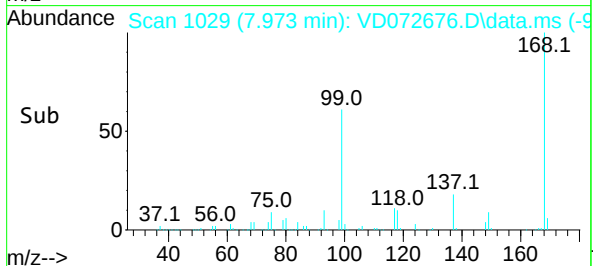
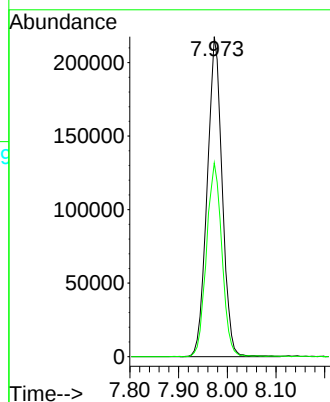
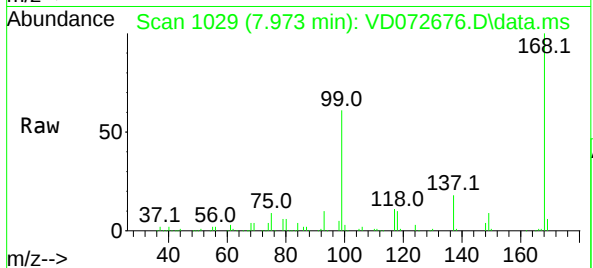




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

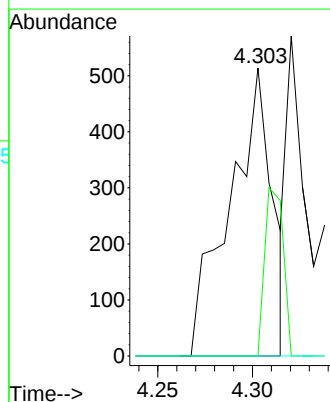
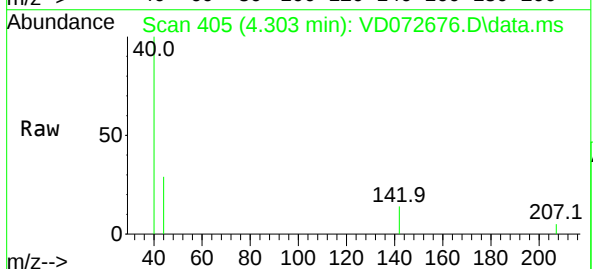
Instrument :
MSVOA_D
ClientSampleId :
371

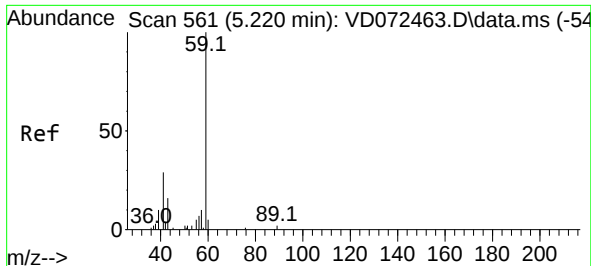
Tgt Ion:168 Resp: 463851
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#10
Methyl Iodide
Concen: 3.881 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion:142 Resp: 807
Ion Ratio Lower Upper
142 100
127 25.3 37.3 55.9#
141 0.0 11.7 17.5#

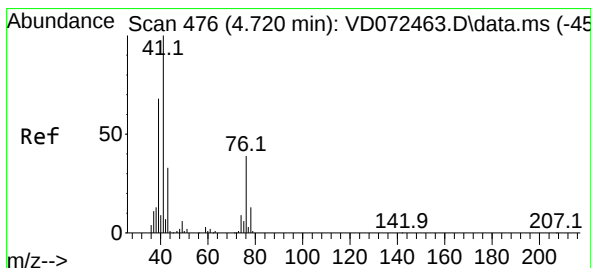
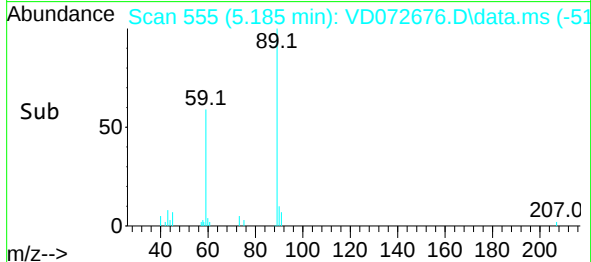
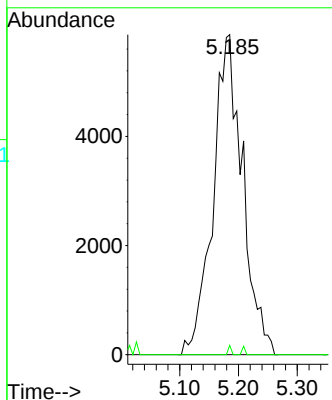
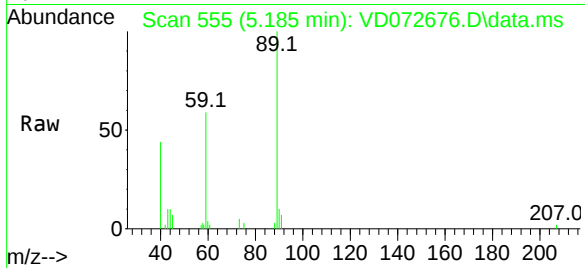




#11
Tert butyl alcohol
Concen: 69.101 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.035 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

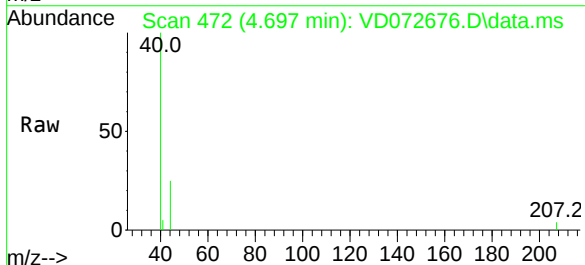
Instrument :
MSVOA_D
ClientSampleId :
371

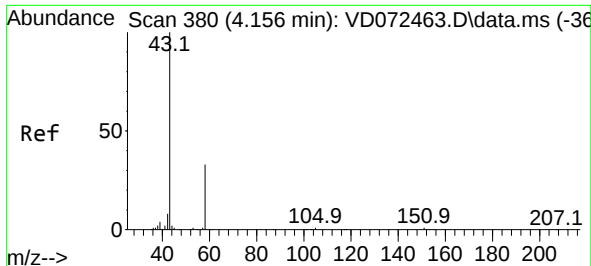
Tgt Ion: 59 Resp: 20476
Ion Ratio Lower Upper
59 100
57 0.3 7.8 11.6#



#14
Allyl chloride
Concen: 1.146 ug/l
RT: 4.697 min Scan# 472
Delta R.T. -0.023 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion: 41 Resp: 142
Ion Ratio Lower Upper
41 100
39 41.5 59.3 88.9#
76 0.0 25.7 38.5#

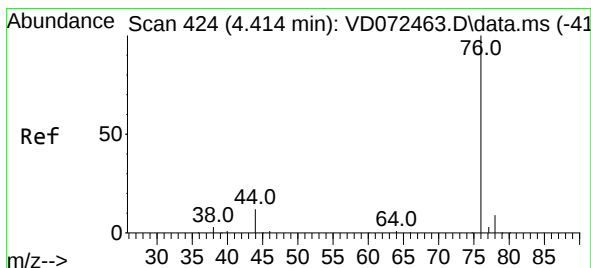
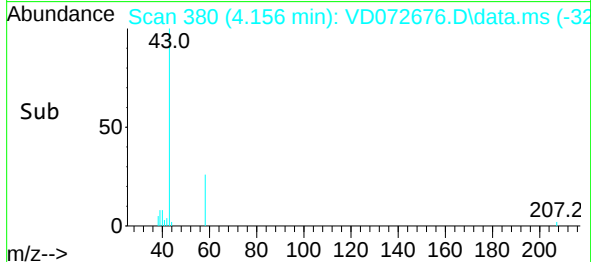
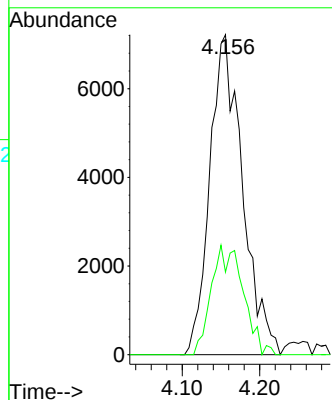
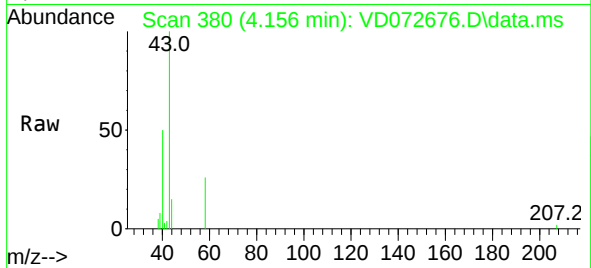




#16
Acetone
Concen: 20.190 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

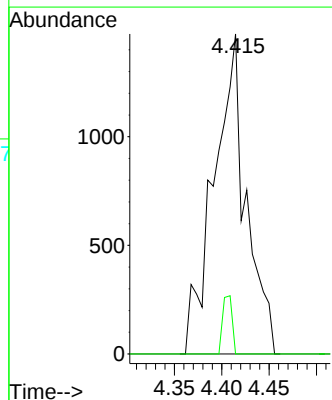
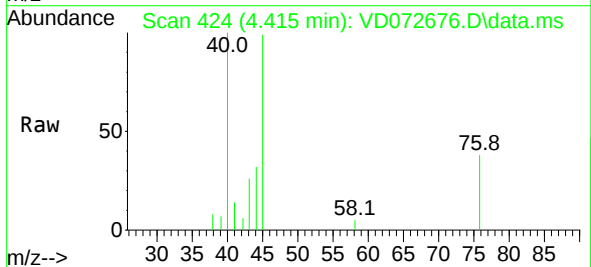
Instrument :
MSVOA_D
ClientSampleId :
371

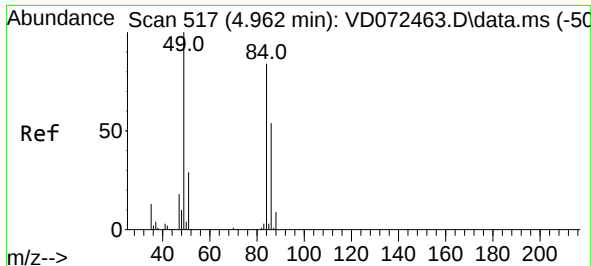
Tgt Ion: 43 Resp: 21125
Ion Ratio Lower Upper
43 100
58 25.8 22.1 33.1



#17
Carbon Disulfide
Concen: 3.982 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

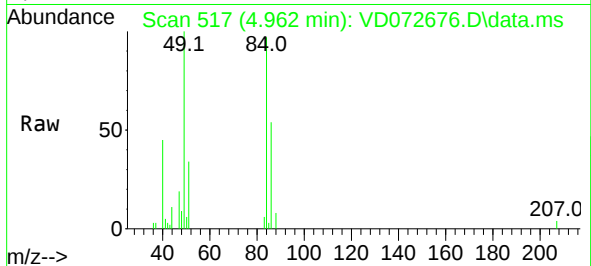
Tgt Ion: 76 Resp: 3463
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



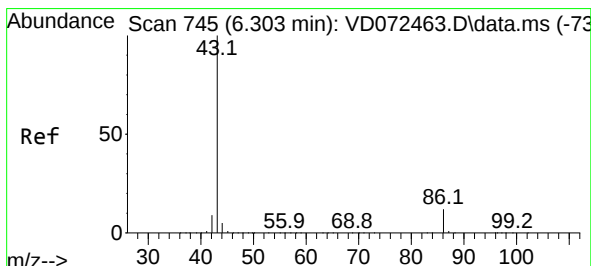
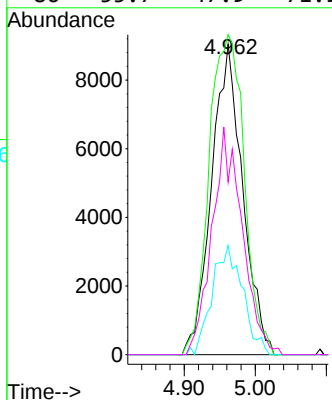
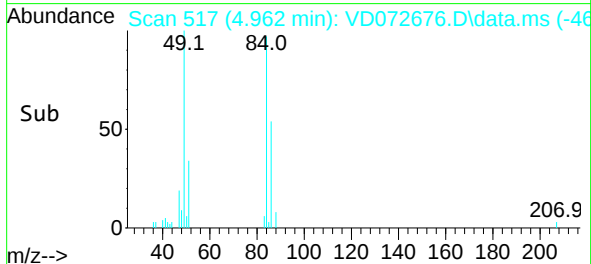


#20
Methylene Chloride
Concen: 4.410 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Instrument :
MSVOA_D
ClientSampleId :
371

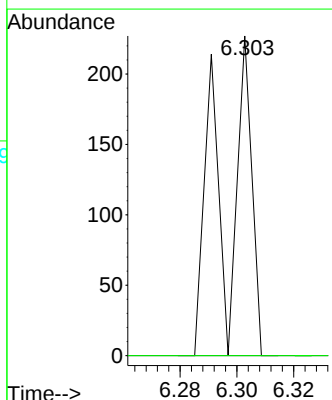
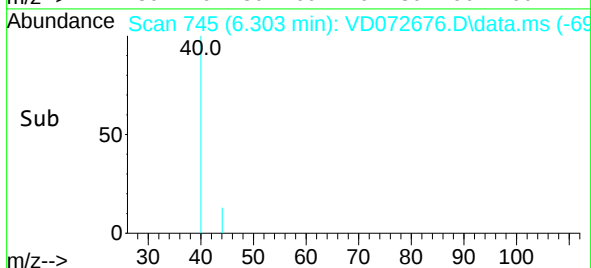
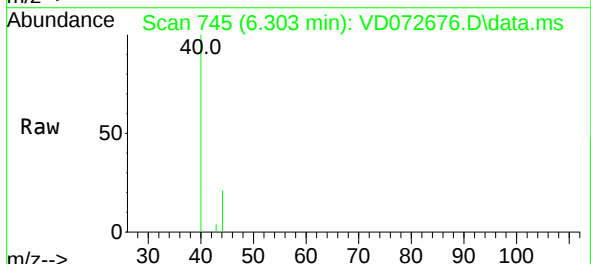


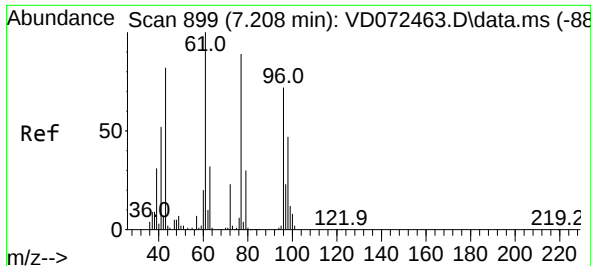
Tgt Ion: 84 Resp: 27469
Ion Ratio Lower Upper
84 100
49 103.1 112.8 169.2#
51 35.2 32.6 48.8
86 55.7 47.9 71.9



#23
Vinyl Acetate
Concen: 6.306 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.000 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#

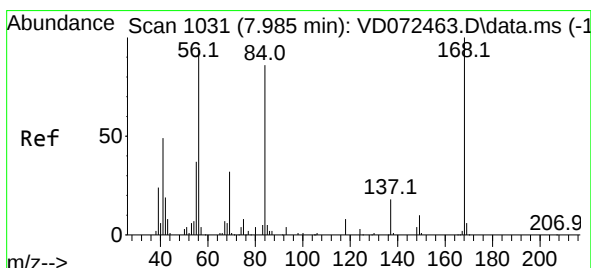
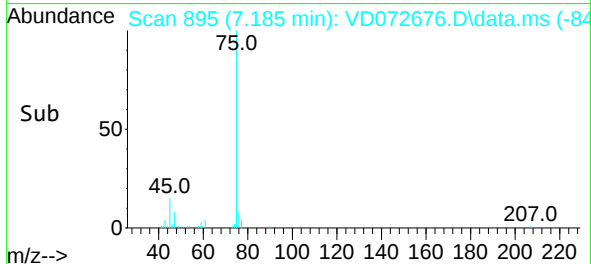
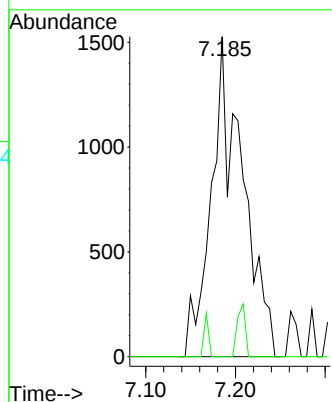
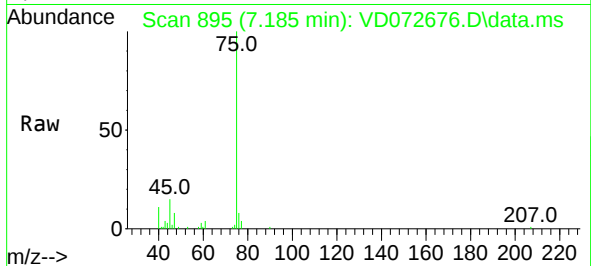




#25
2-Butanone
Concen: 2.560 ug/l
RT: 7.185 min Scan# 899
Delta R.T. -0.023 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

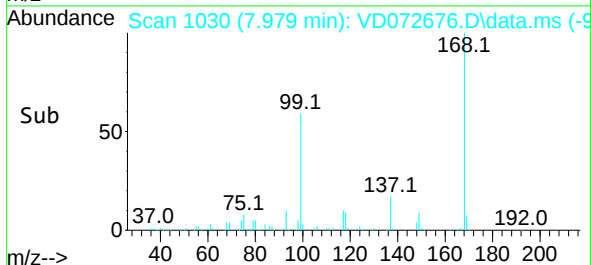
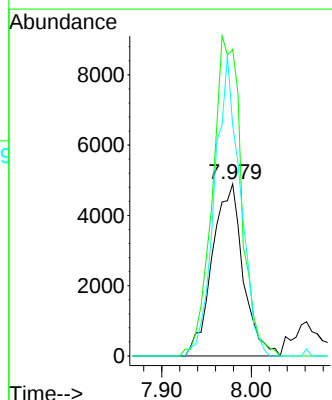
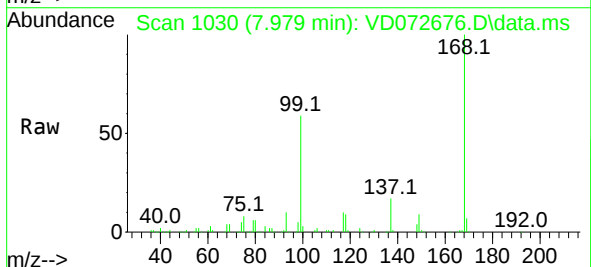
Instrument :
MSVOA_D
ClientSampleId :
371

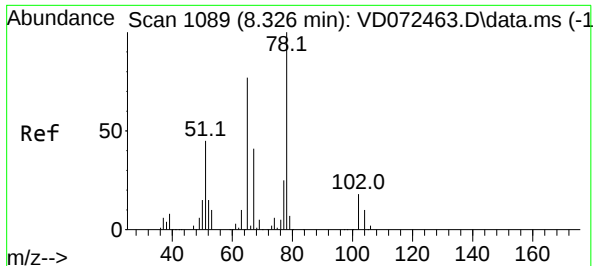
Tgt Ion: 43 Resp: 3704
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.583 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion: 56 Resp: 11617
Ion Ratio Lower Upper
56 100
69 178.1 25.4 38.2#
84 134.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.998 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072676.D

Acq: 21 Apr 2022 17:42

Instrument :

MSVOA_D

ClientSampleId :

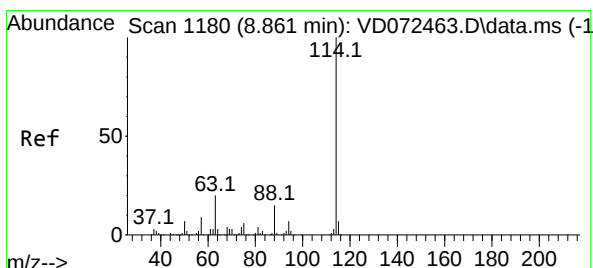
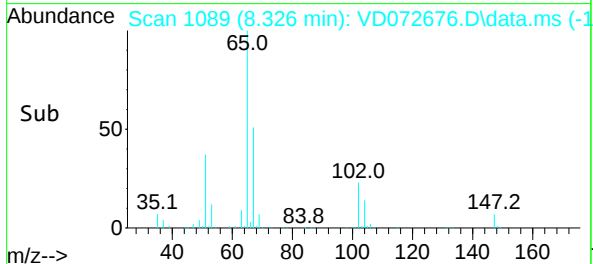
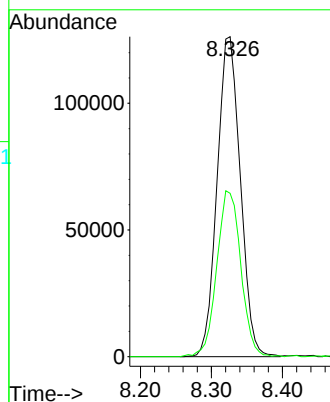
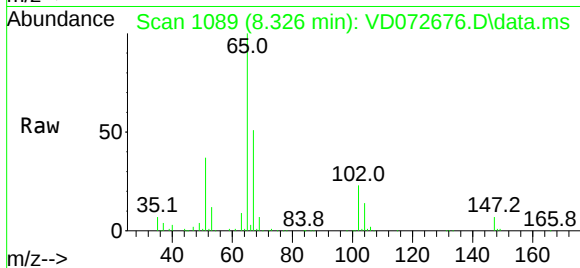
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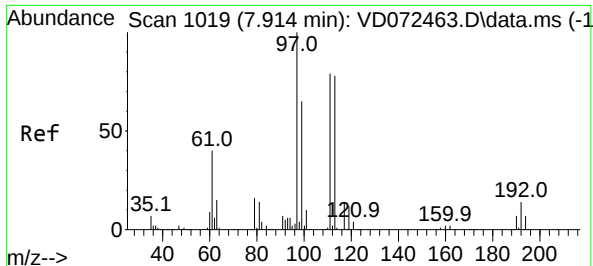
Tgt Ion: 65 Resp: 286161

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4





#35

Dibromofluoromethane

Concen: 42.792 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072676.D

Acq: 21 Apr 2022 17:42

Instrument :

MSVOA_D

ClientSampleId :

371

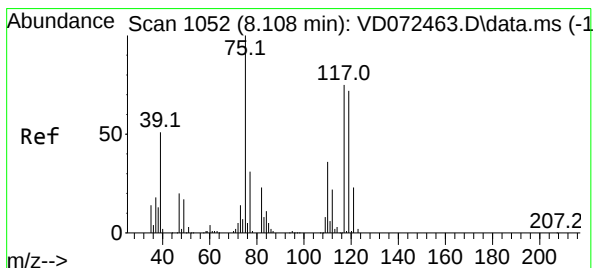
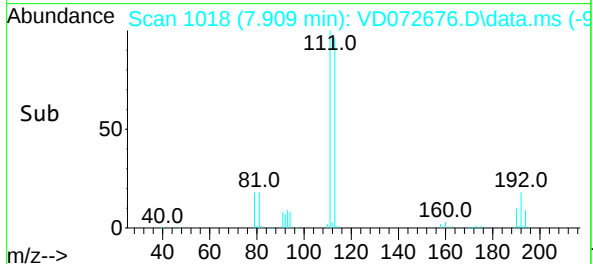
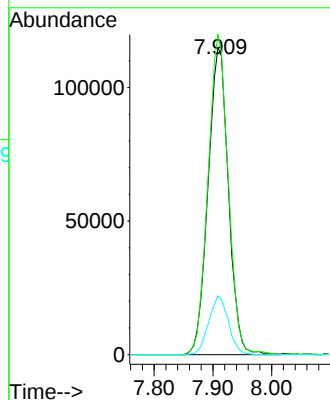
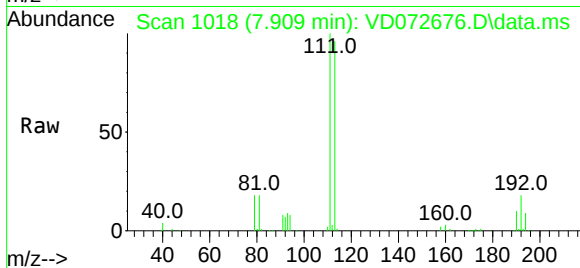
Tgt Ion:113 Resp: 276860

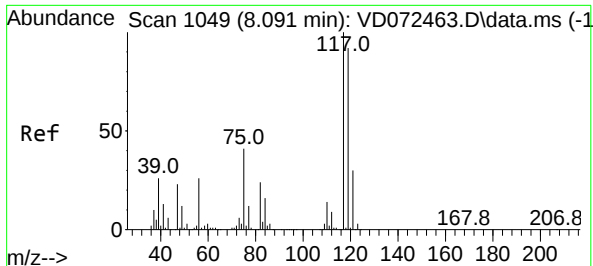
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 18.6 14.6 21.8

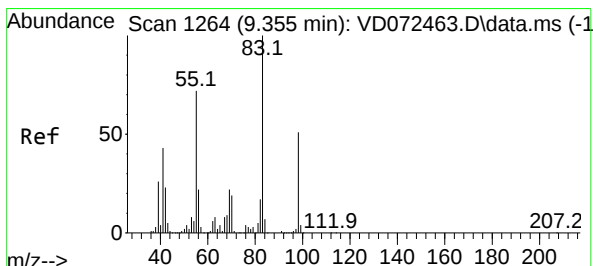
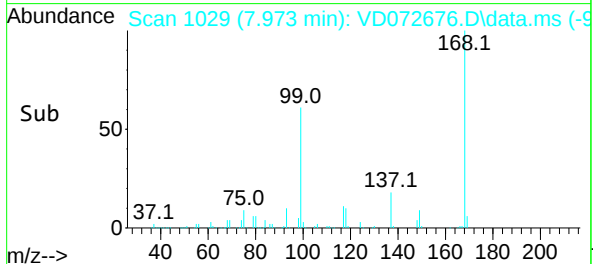
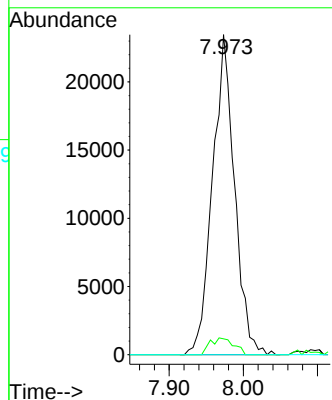
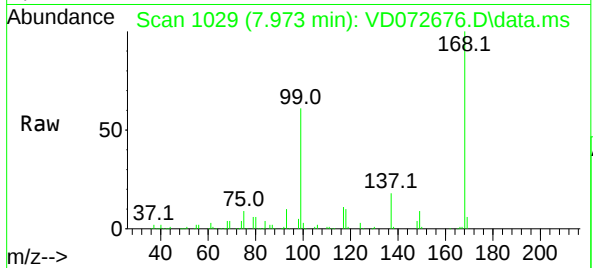




#38
Carbon Tetrachloride
Concen: 5.433 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

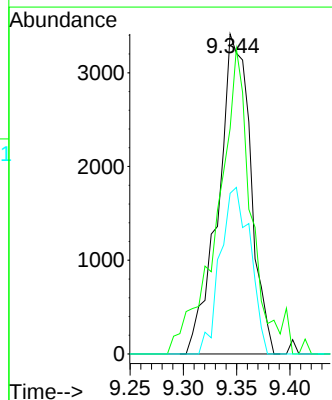
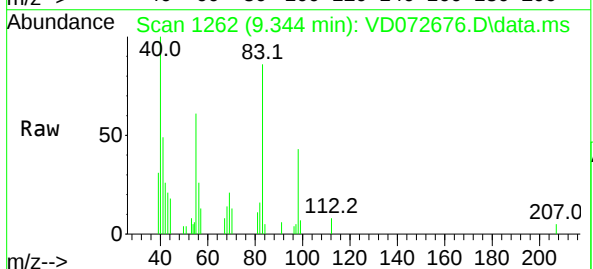
Instrument : MSVOA_D
ClientSampleId : 371

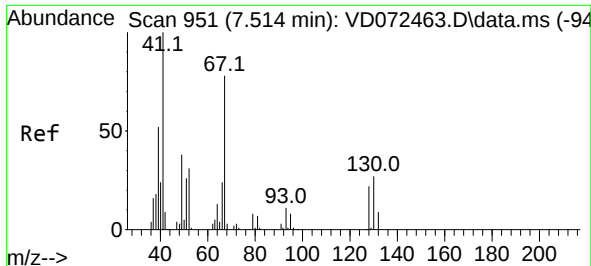
Tgt Ion:117 Resp: 48423
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 3.582 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.011 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion: 83 Resp: 7209
Ion Ratio Lower Upper
83 100
55 64.2 63.2 94.8
98 50.2 38.2 57.4

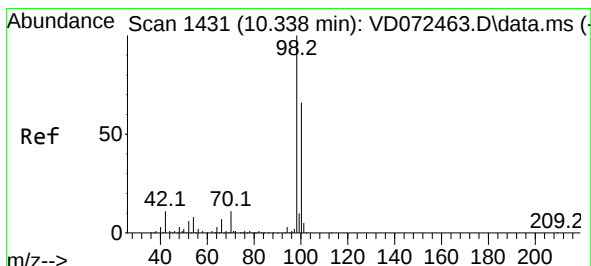
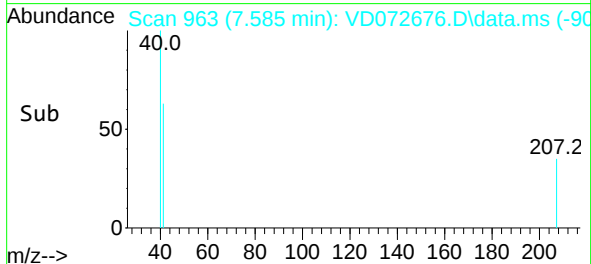
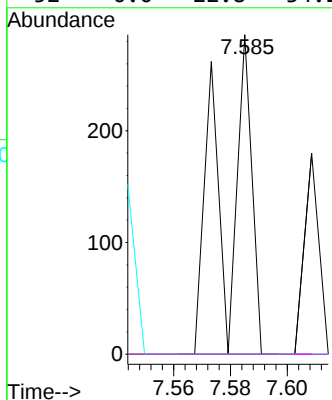
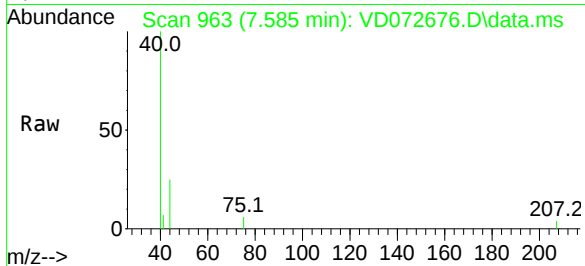




#41
Methacrylonitrile
Concen: 1.751 ug/l
RT: 7.585 min Scan# 90
Delta R.T. 0.071 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

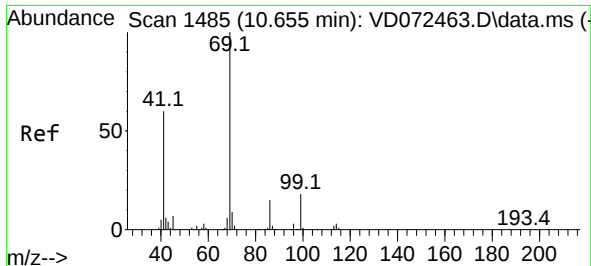
Instrument :
MSVOA_D
ClientSampleId :
371

Tgt Ion: 41	Resp:	193
Ion	Ratio	Lower Upper
41	100	
39	0.0	44.6 67.0#
67	0.0	48.2 72.4#
52	0.0	22.8 34.2#



#50
Toluene-d8
Concen: 44.837 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

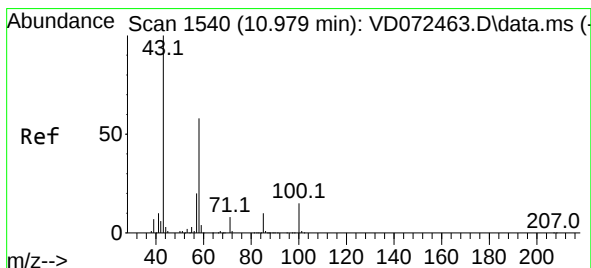
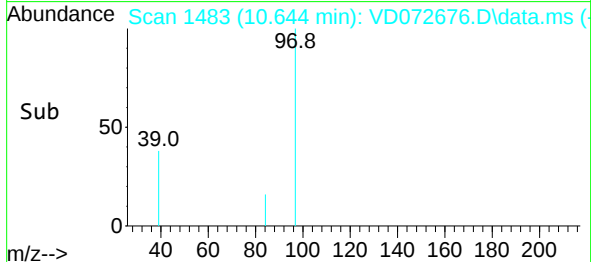
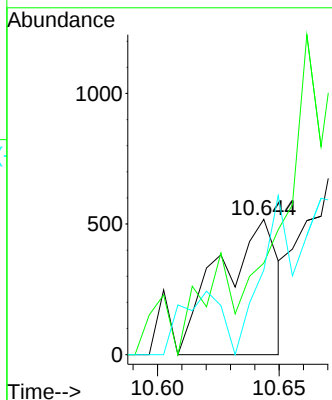
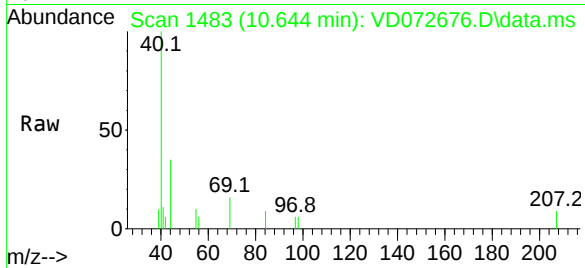
Tgt Ion: 98	Resp:	1008374
Ion	Ratio	Lower Upper
98	100	



#56
Ethyl methacrylate
Concen: 1.328 ug/l
RT: 10.644 min Scan# 1483
Delta R.T. -0.011 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

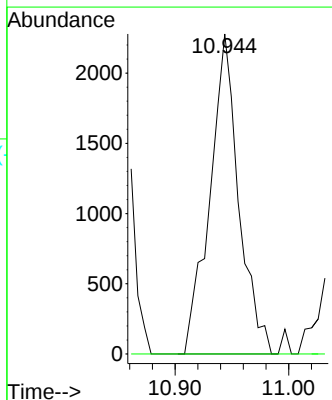
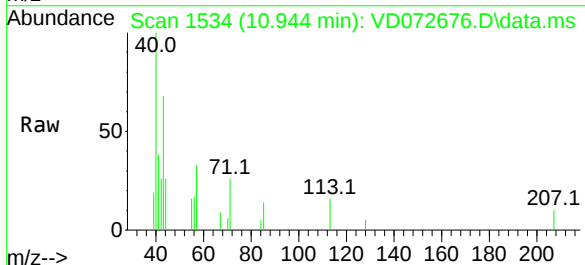
Instrument :
MSVOA_D
ClientSampleId :
371

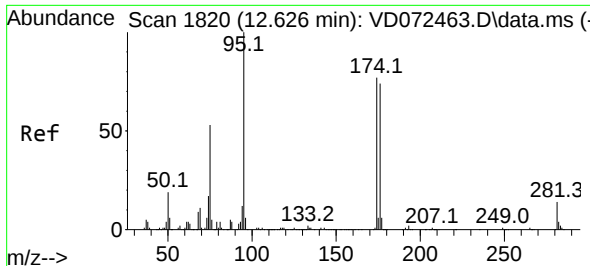
Tgt Ion: 69 Resp: 861
Ion Ratio Lower Upper
69 100
41 0.0 63.0 94.6#
39 58.7 33.8 50.8#



#59
2-Hexanone
Concen: 1.682 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.035 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion: 43 Resp: 4036
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#

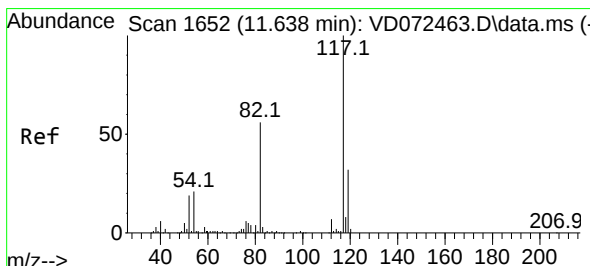
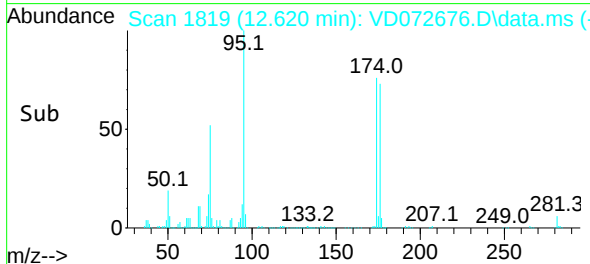
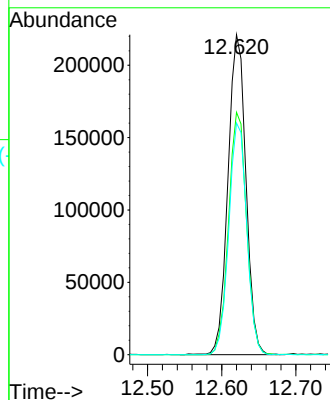
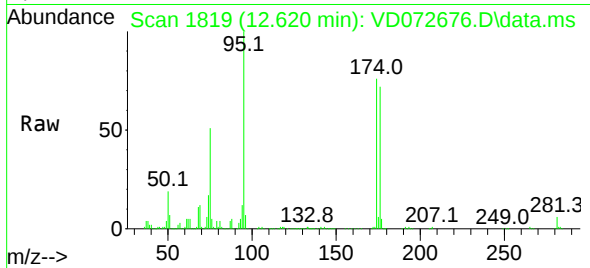




#62
4-Bromofluorobenzene
Concen: 42.285 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

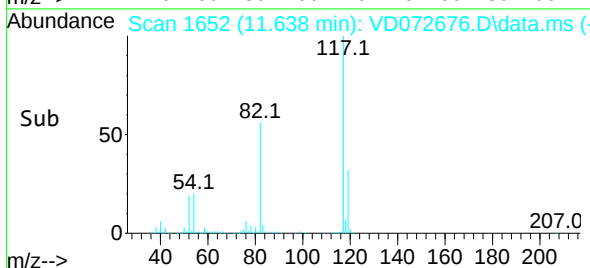
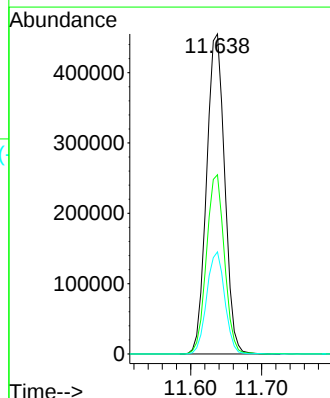
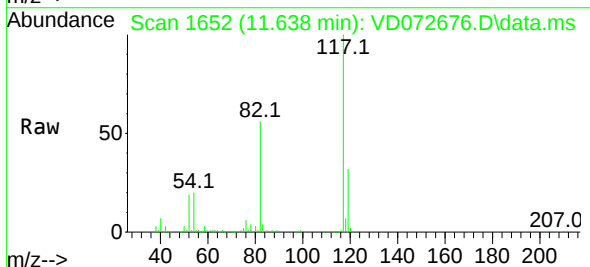
Instrument :
MSVOA_D
ClientSampleId :
371

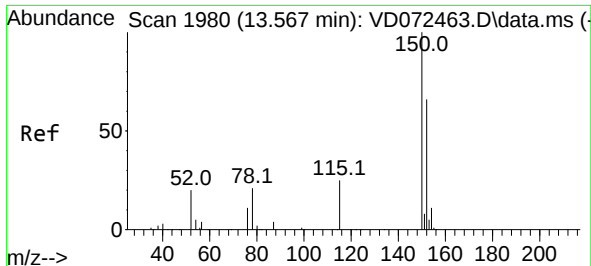
Tgt Ion: 95 Resp: 371397
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 72.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

Tgt Ion: 117 Resp: 805696
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.9 26.6 40.0

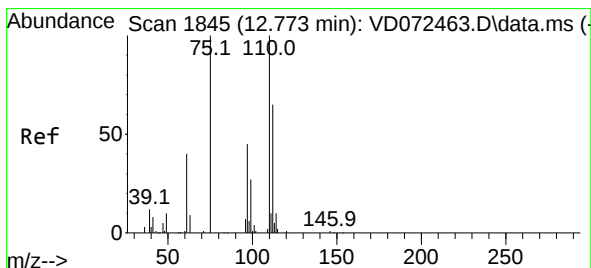
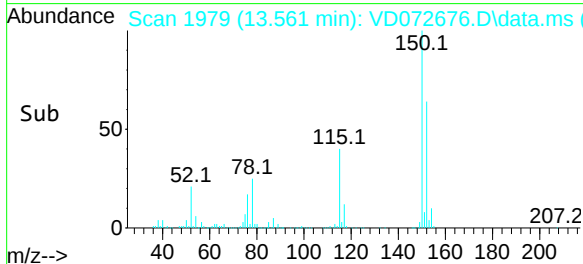
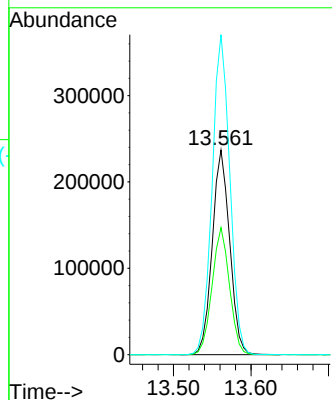
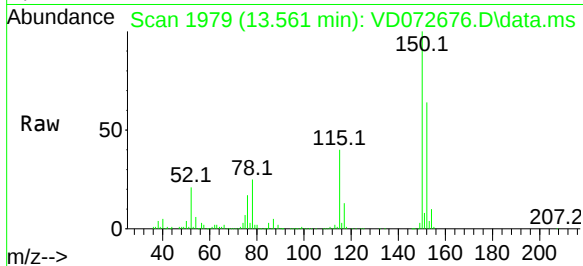




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

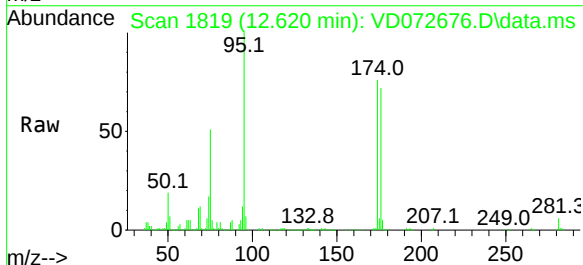
Instrument :
MSVOA_D
ClientSampleId :
371

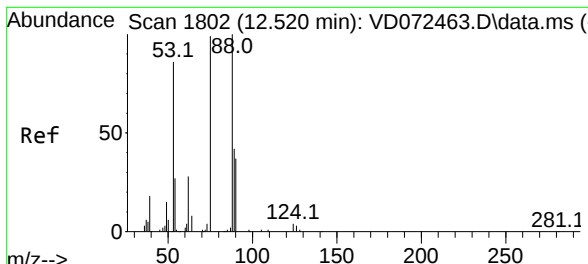
Tgt Ion:152 Resp: 370637
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 158.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.622 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072676.D
Acq: 21 Apr 2022 17:42

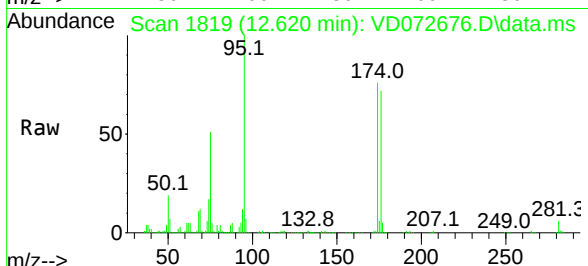
Tgt Ion: 75 Resp: 188464
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.401 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072676.D
 Acq: 21 Apr 2022 17:42

Instrument :
 MSVOA_D
 ClientSampleId :
 371



Tgt Ion: 75 Resp: 188464
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.1 33.9 50.9#

