

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072415.D
 Acq On : 24 Mar 2022 18:43
 Operator : VA/SY
 Sample : N2077-05RE
 Misc : 2.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-3-1-(3.0-3.5)RE

Quant Time: Apr 06 03:59:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

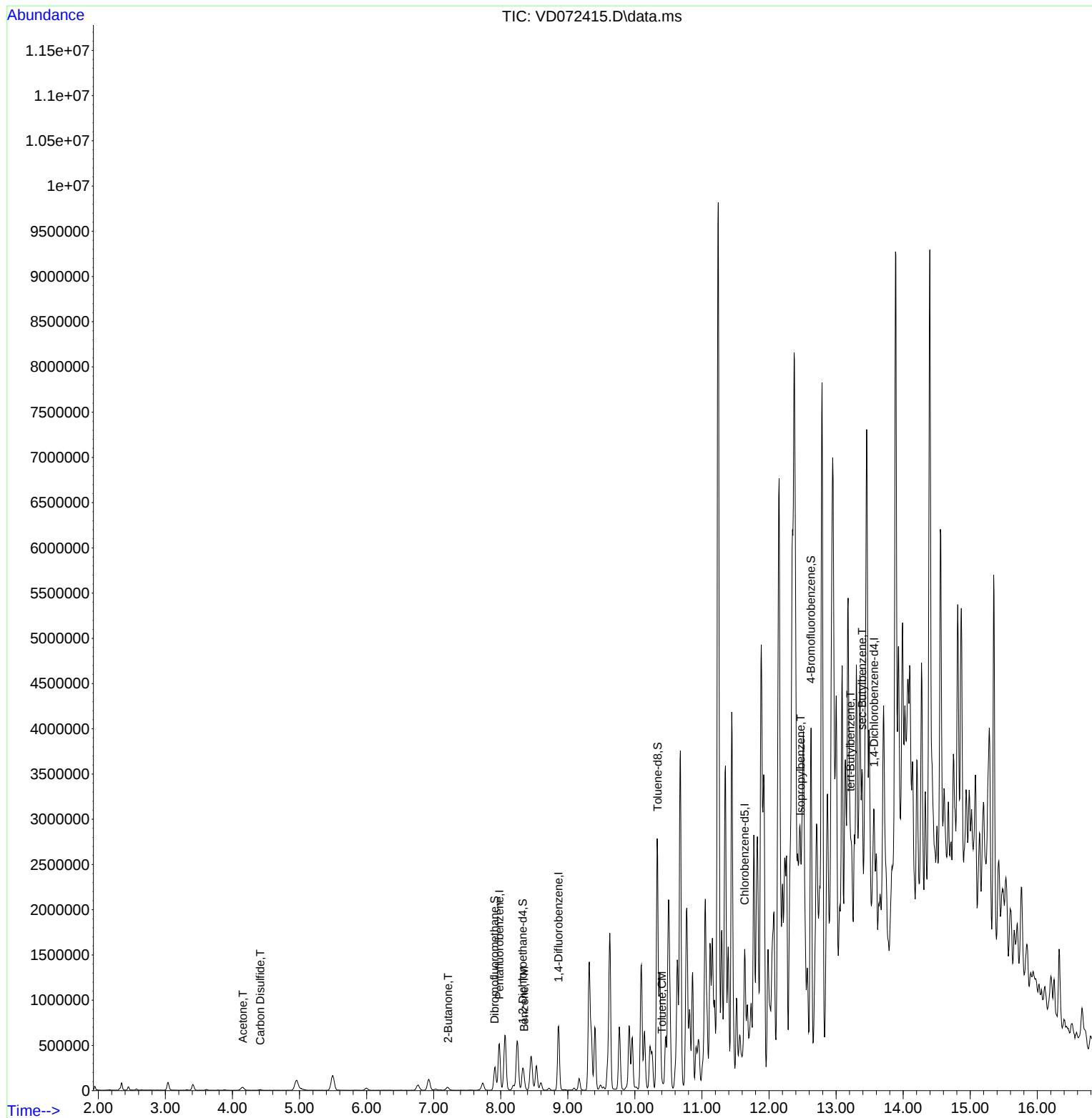
Internal Standards						
1) Pentafluorobenzene	7.979	168	364216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	612859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	693924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	380349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175827	43.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.640%		
35) Dibromofluoromethane	7.909	113	183960	42.655	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	85.320%		
50) Toluene-d8	10.338	98	873381	55.384	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	110.760%		
62) 4-Bromofluorobenzene	12.626	95	481702	78.615	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	157.240%#		
Target Compounds						
16) Acetone	4.156	43	41610	47.215	ug/l #	81
17) Carbon Disulfide	4.415	76	13256	3.147	ug/l	99
25) 2-Butanone	7.214	43	23224	19.765	ug/l #	78
40) Benzene	8.350	78	78368	4.540	ug/l	95
52) Toluene	10.403	92	26440	2.328	ug/l	93
73) Isopropylbenzene	12.473	105	44504	1.477	ug/l	100
83) tert-Butylbenzene	13.214	119	67859	2.989	ug/l	88
85) sec-Butylbenzene	13.391	105	211646	6.208	ug/l #	45

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

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WC-14A-3-1-(3.0-3.5)RE

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QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD072415.D

Acq: 24 Mar 2022 18:43

Instrument :

MSVOA_D

ClientSampleId :

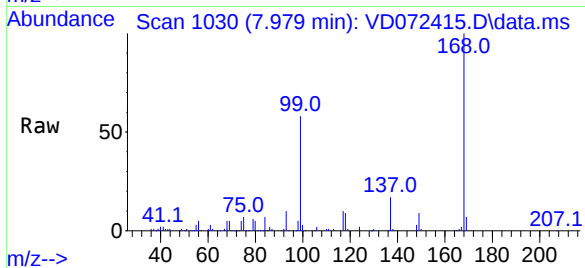
WC-14A-3-1-(3.0-3.5)RE

Tgt Ion:168 Resp: 364216

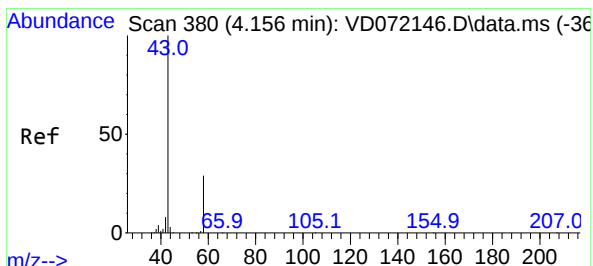
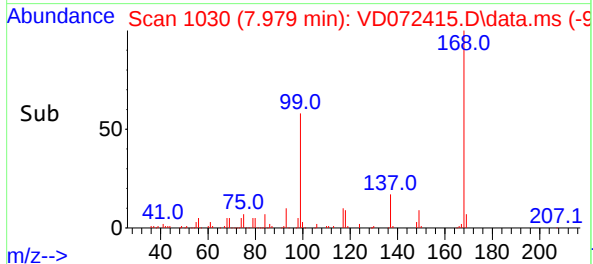
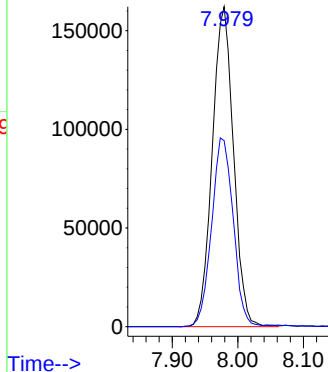
Ion Ratio Lower Upper

168 100

99 58.2 49.8 74.6



Abundance



#16

Acetone

Concen: 47.215 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.000 min

Lab File: VD072415.D

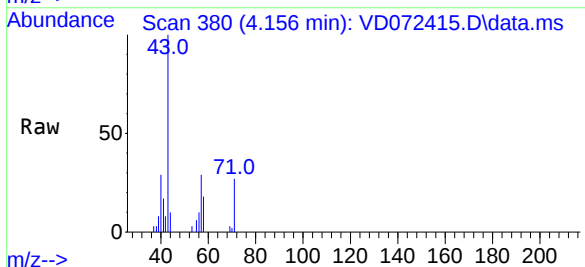
Acq: 24 Mar 2022 18:43

Tgt Ion: 43 Resp: 41610

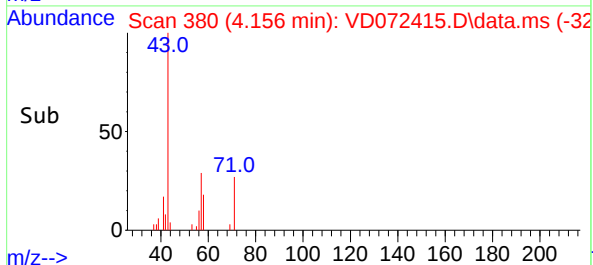
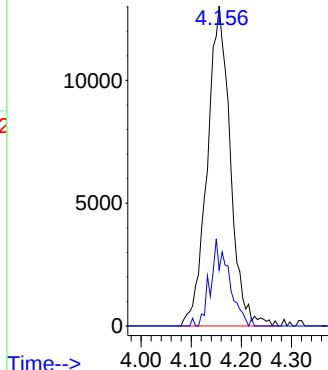
Ion Ratio Lower Upper

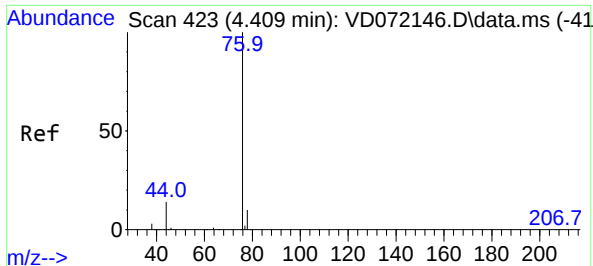
43 100

58 17.5 22.1 33.1#



Abundance

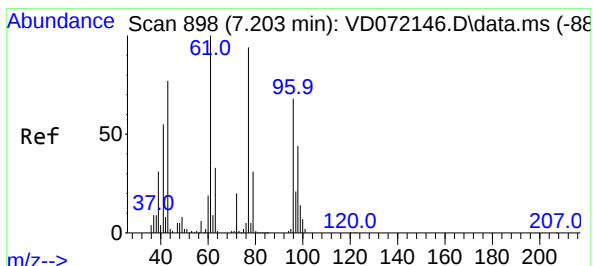
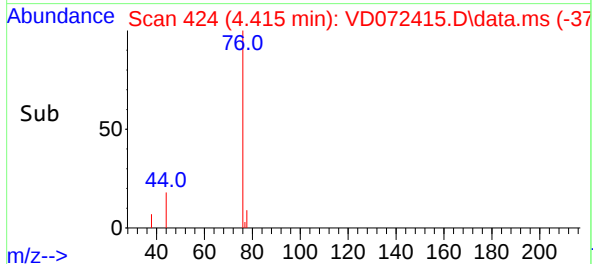
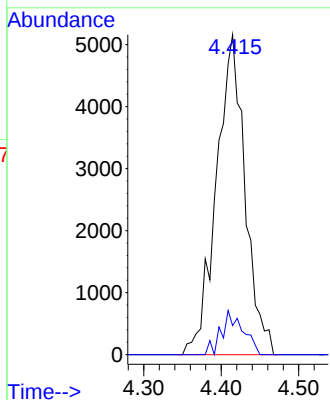
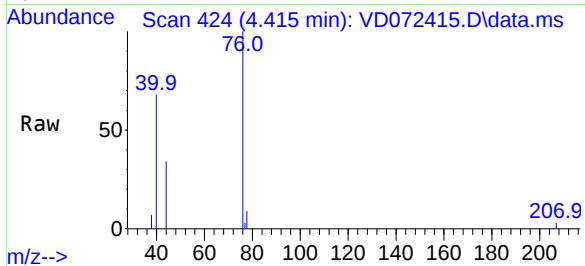




#17
Carbon Disulfide
Concen: 3.147 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

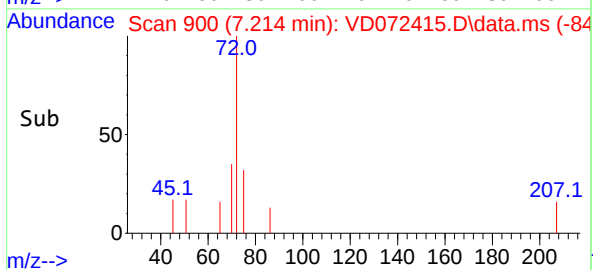
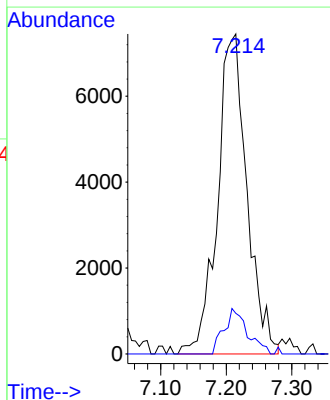
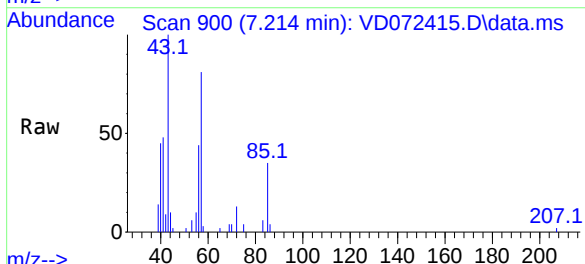
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)RE

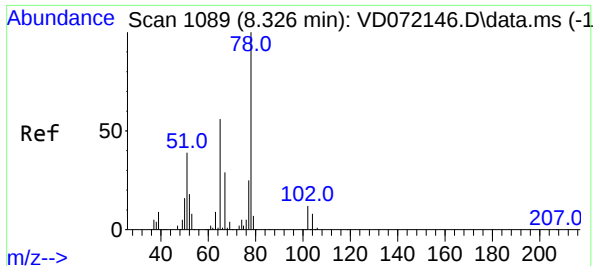
Tgt Ion: 76 Resp: 13256
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#25
2-Butanone
Concen: 19.765 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

Tgt Ion: 43 Resp: 23224
Ion Ratio Lower Upper
43 100
72 12.7 18.6 27.8#





#33

1,2-Dichloroethane-d4

Concen: 43.318 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072415.D

Acq: 24 Mar 2022 18:43

Instrument :

MSVOA_D

ClientSampleId :

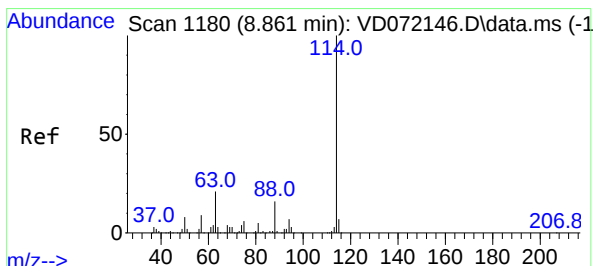
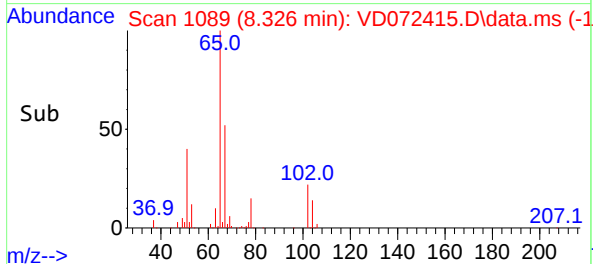
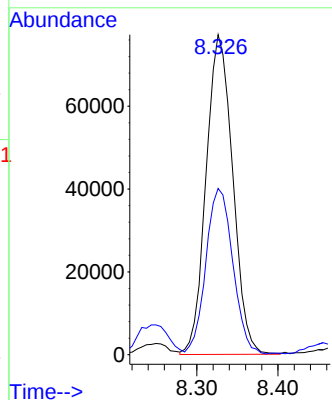
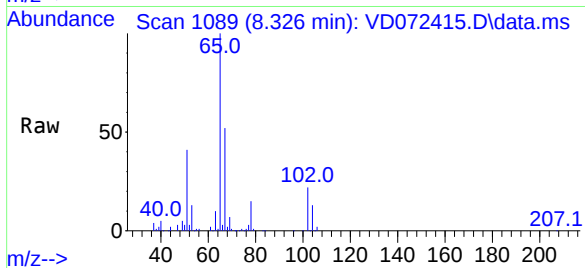
WC-14A-3-1-(3.0-3.5)RE

Tgt Ion: 65 Resp: 175827

Ion Ratio Lower Upper

65 100

67 52.3 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: VD072415.D

Acq: 24 Mar 2022 18:43

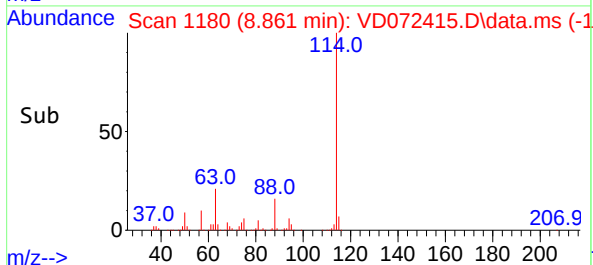
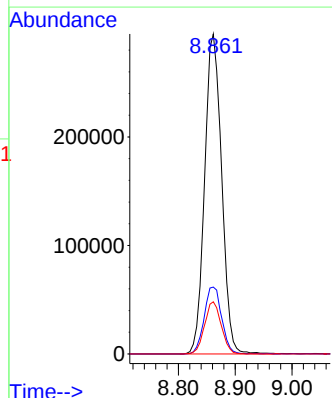
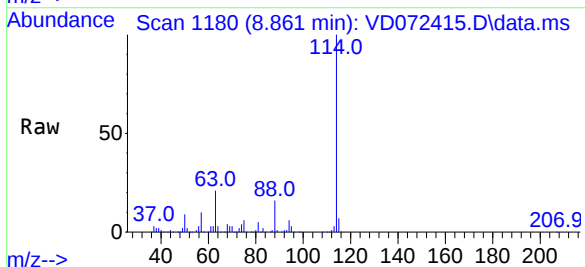
Tgt Ion: 114 Resp: 612859

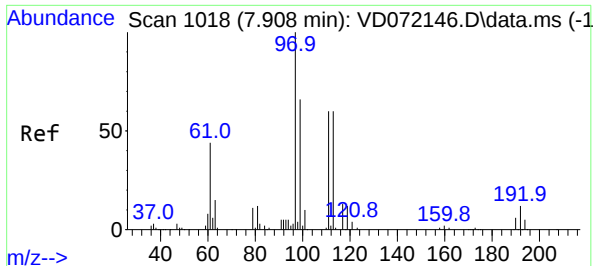
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 16.3 0.0 33.2

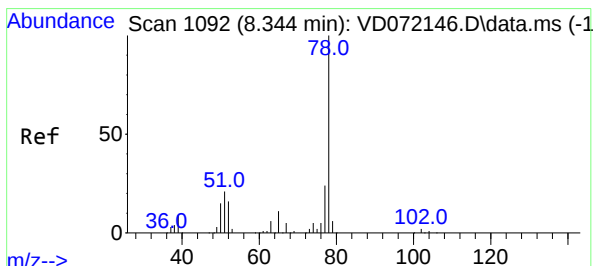
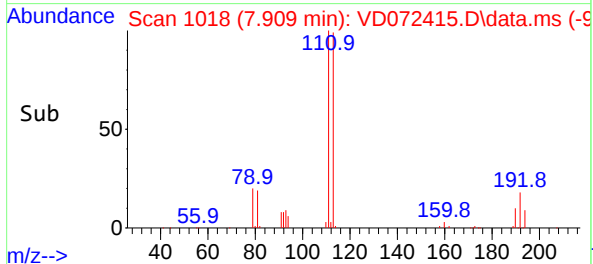
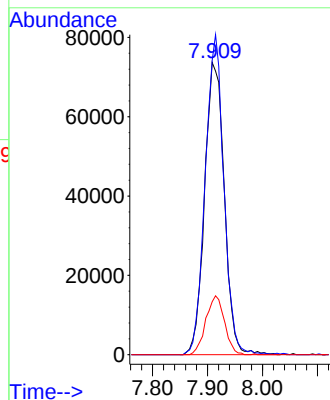
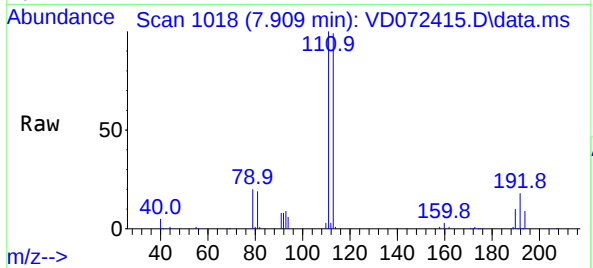




#35
Dibromofluoromethane
Concen: 42.655 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

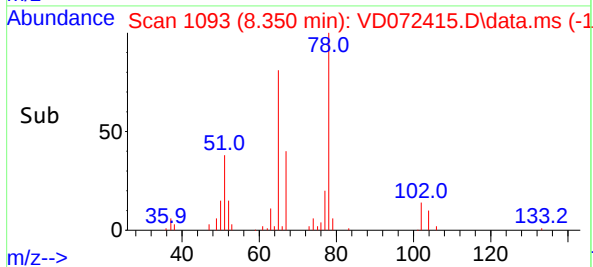
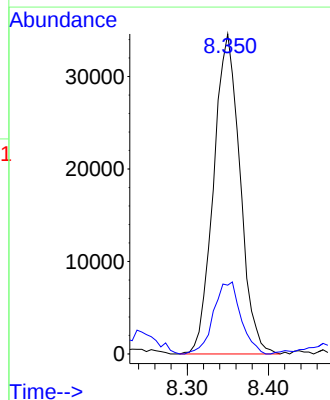
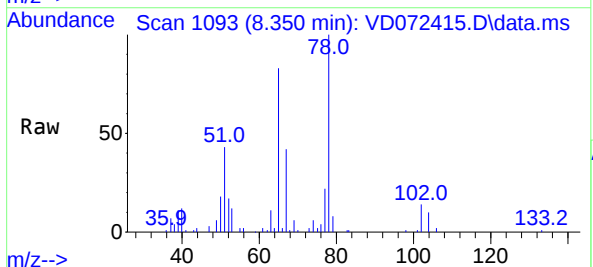
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)RE

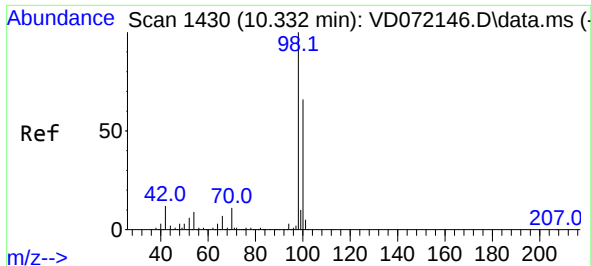
Tgt Ion:113 Resp: 183960
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 19.0 14.6 21.8



#40
Benzene
Concen: 4.540 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

Tgt Ion: 78 Resp: 78368
Ion Ratio Lower Upper
78 100
77 21.5 19.1 28.7

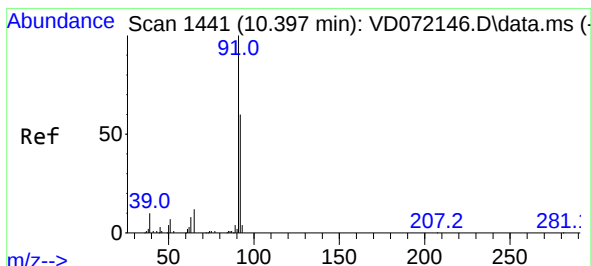
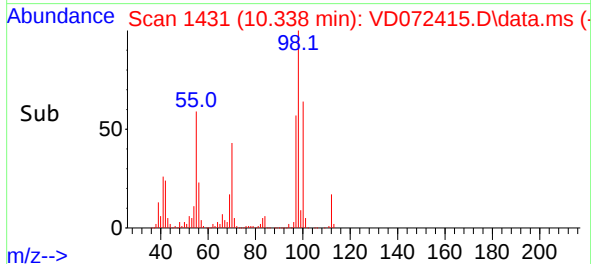
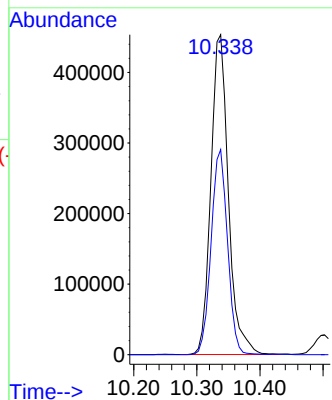
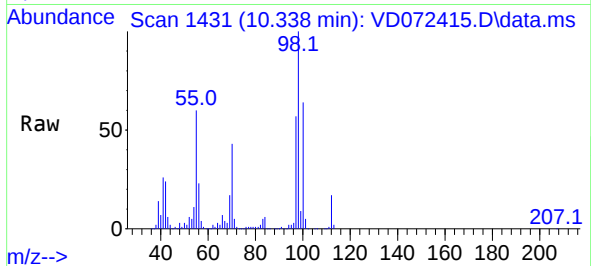




#50
Toluene-d8
Concen: 55.384 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

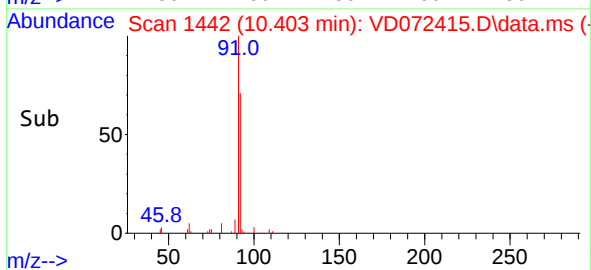
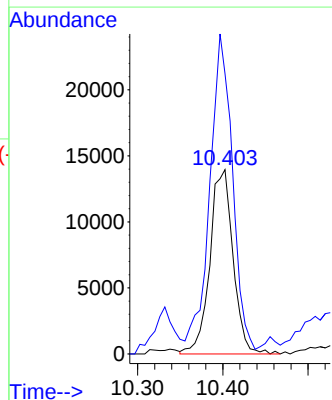
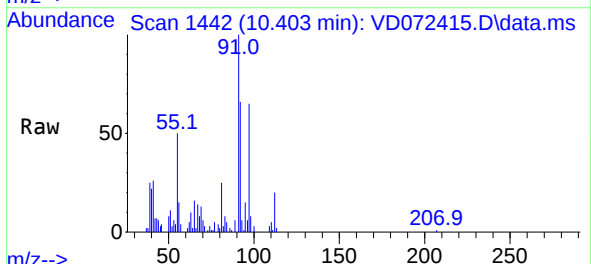
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)RE

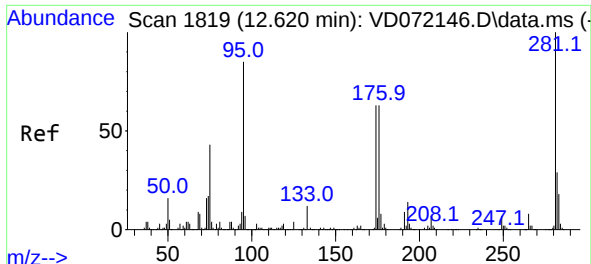
Tgt Ion: 98 Resp: 873381
Ion Ratio Lower Upper
98 100
100 60.0 52.4 78.6



#52
Toluene
Concen: 2.328 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

Tgt Ion: 92 Resp: 26440
Ion Ratio Lower Upper
92 100
91 164.9 139.6 209.4

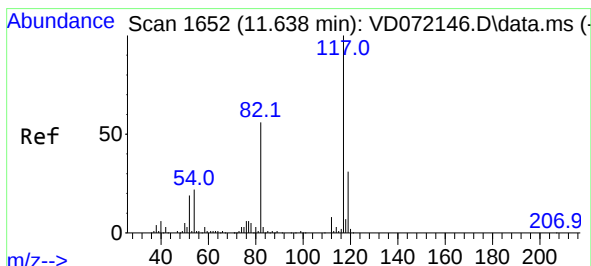
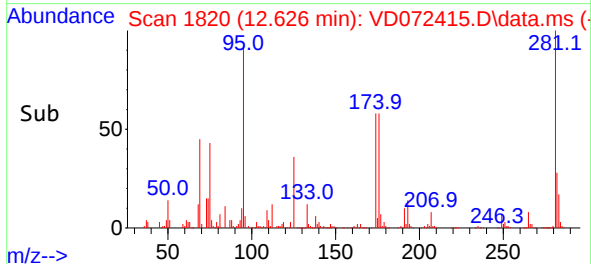
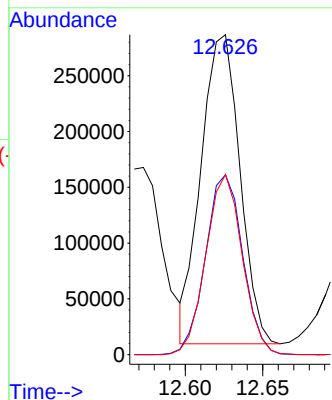
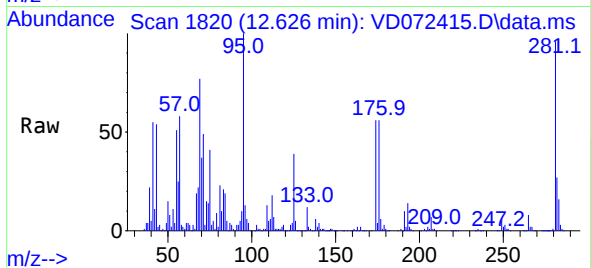




#62
4-Bromofluorobenzene
Concen: 78.615 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

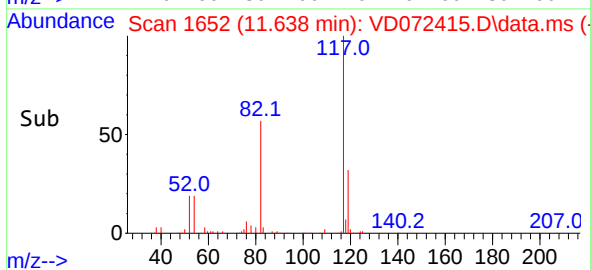
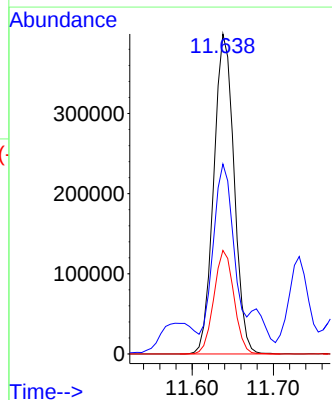
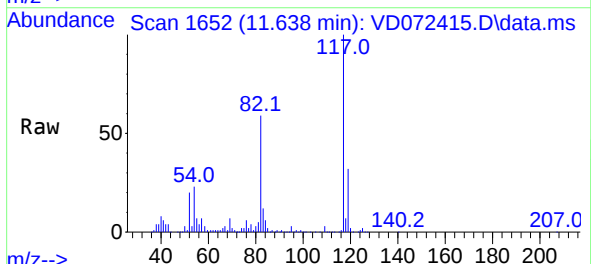
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)RE

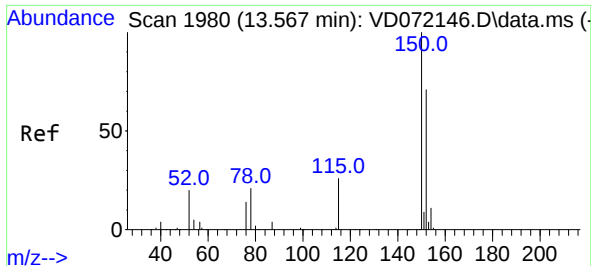
Tgt Ion: 95 Resp: 481702
Ion Ratio Lower Upper
95 100
174 56.1 0.0 152.8
176 54.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

Tgt Ion: 117 Resp: 693924
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 32.3 26.6 40.0

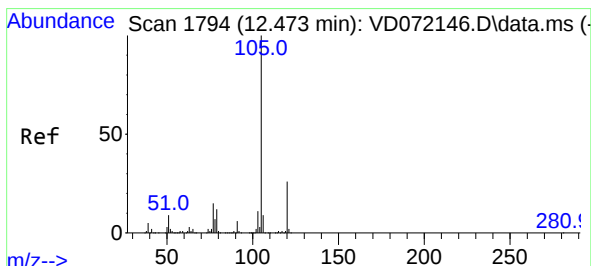
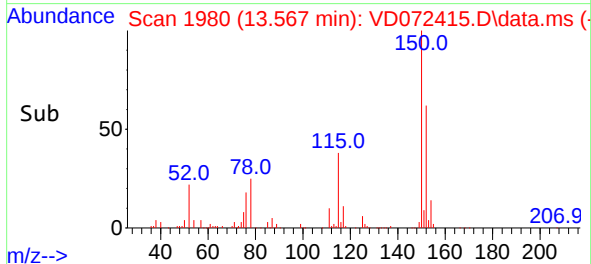
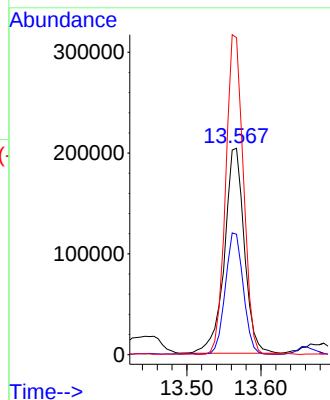
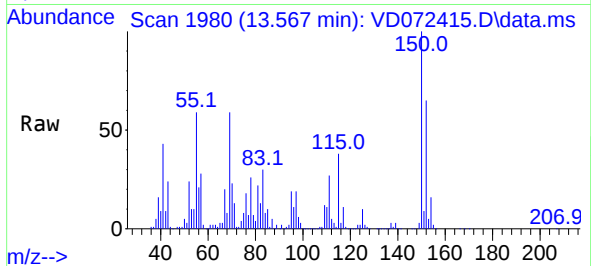




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

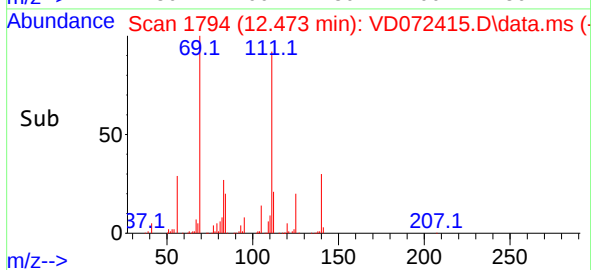
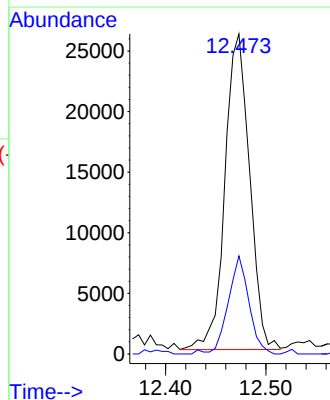
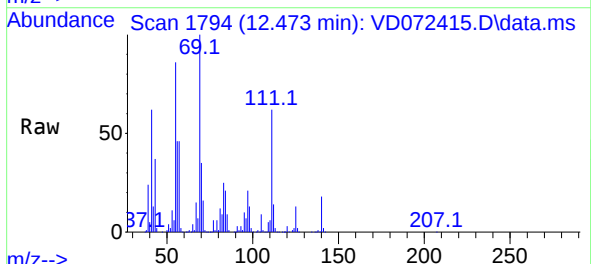
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)RE

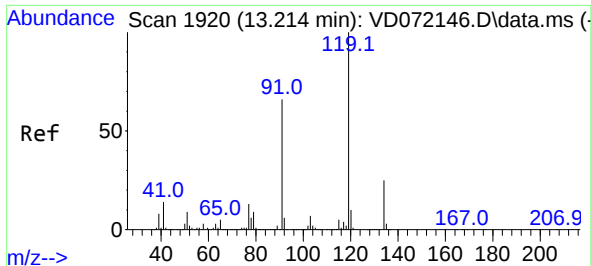
Tgt Ion:152 Resp: 380349
Ion Ratio Lower Upper
152 100
115 53.6 31.3 93.8
150 138.2 0.0 348.6



#73
Isopropylbenzene
Concen: 1.477 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

Tgt Ion:105 Resp: 44504
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

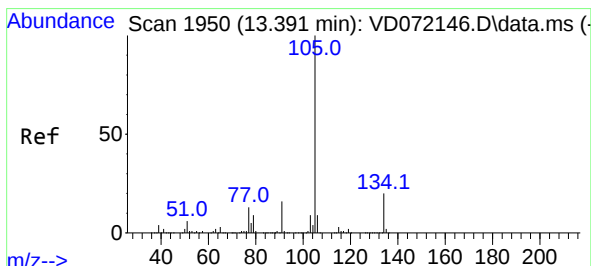
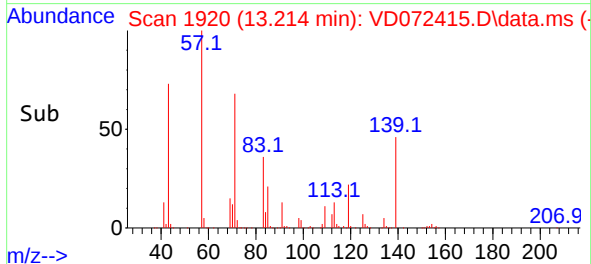
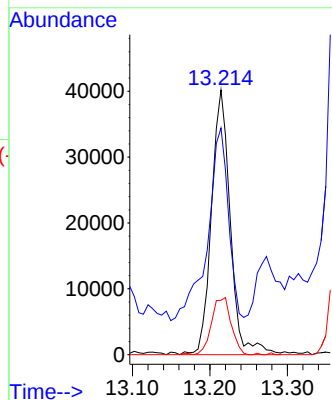
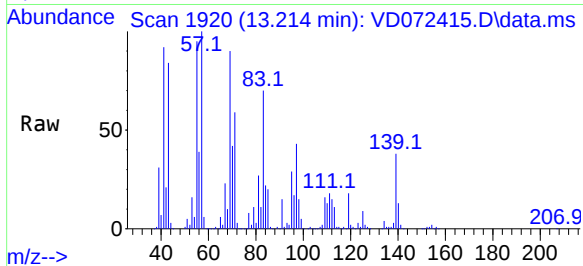




#83
tert-Butylbenzene
Concen: 2.989 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-3-1-(3.0-3.5)RE

Tgt Ion:119 Resp: 67859
Ion Ratio Lower Upper
119 100
91 80.5 34.8 104.5
134 22.5 13.3 39.9



#85
sec-Butylbenzene
Concen: 6.208 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072415.D
Acq: 24 Mar 2022 18:43

Tgt Ion:105 Resp: 211646
Ion Ratio Lower Upper
105 100
134 44.5 9.8 29.3#

