

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072092.D
 Acq On : 25 Feb 2022 11:17
 Operator : VA/SY
 Sample : VD0225SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0225SBL01

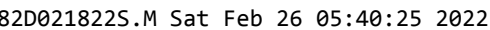
Quant Time: Feb 26 05:40:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

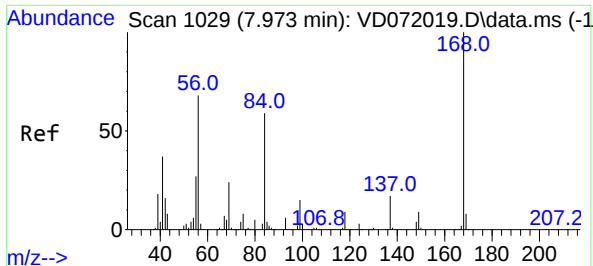
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	424583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	727033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	673596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	311935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250364	56.847	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.700%	
35) Dibromofluoromethane	7.914	113	233741	53.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.120%	
50) Toluene-d8	10.338	98	856959	52.461	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.920%	
62) 4-Bromofluorobenzene	12.626	95	290377	48.393	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.780%	
Target Compounds						
5) Bromomethane	2.785	94	1173	Below Cal	Qvalue 97	
10) Methyl Iodide	4.303	142	1060	3.131	ug/l #	85
16) Acetone	4.150	43	7776	8.170	ug/l	93
18) Methyl Acetate	4.715	43	127	Below Cal	# 52	
20) Methylene Chloride	4.973	84	8132	1.717	ug/l #	89
25) 2-Butanone	7.214	43	2517	1.913	ug/l	94
31) Cyclohexane	7.973	56	10685	1.374	ug/l #	15
38) Carbon Tetrachloride	7.979	117	43452	6.354	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	146990	49.747	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	146990	124.578	ug/l #	10

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

Quant Time: Feb 26 05:40:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

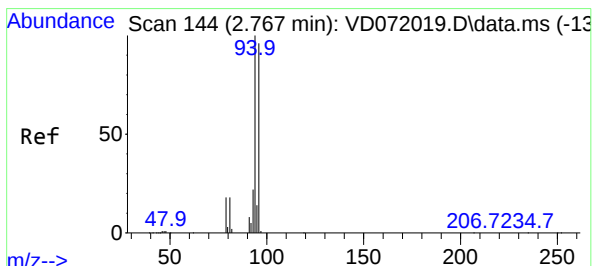
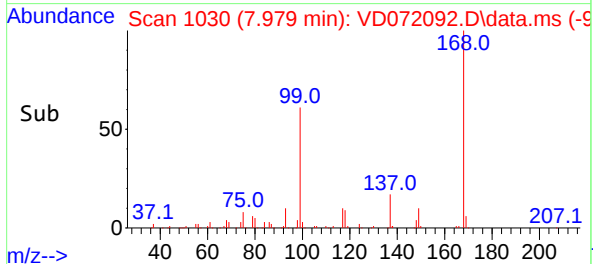
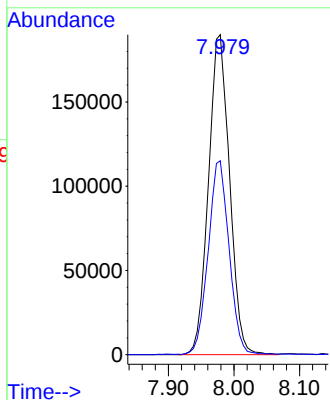
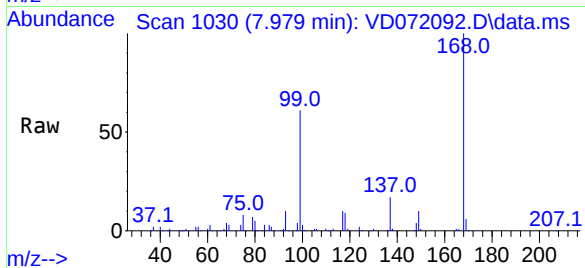




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

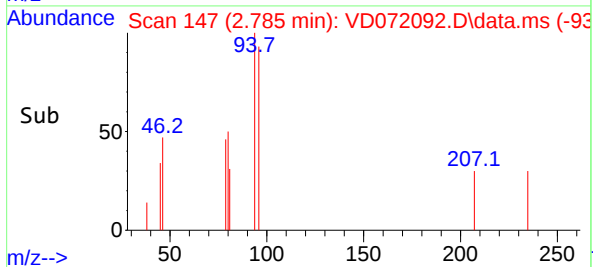
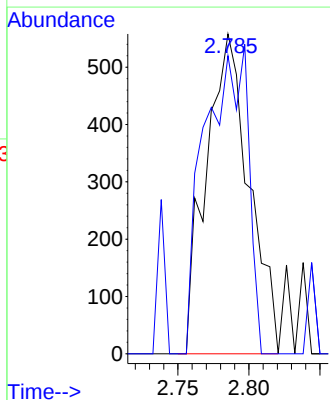
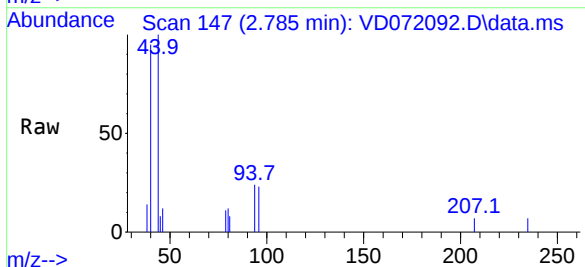
Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

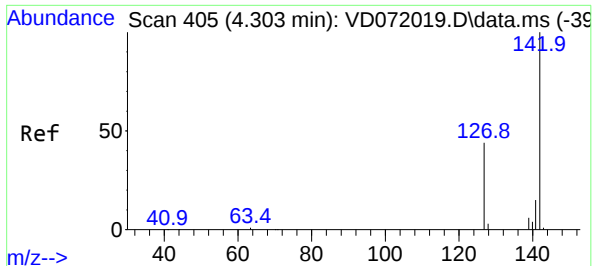
Tgt Ion:168 Resp: 424583
Ion Ratio Lower Upper
168 100
99 60.4 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

Tgt Ion: 94 Resp: 1173
Ion Ratio Lower Upper
94 100
96 93.2 76.8 115.2

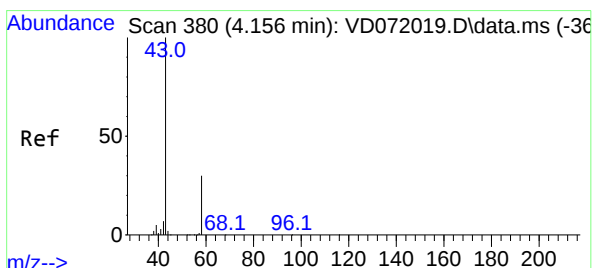
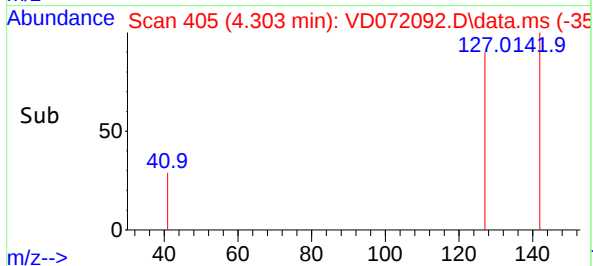
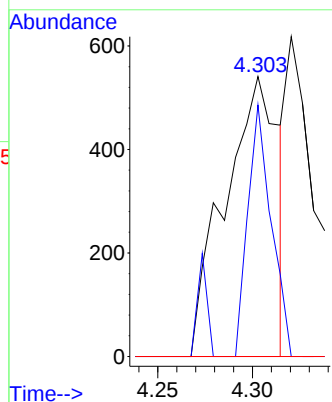
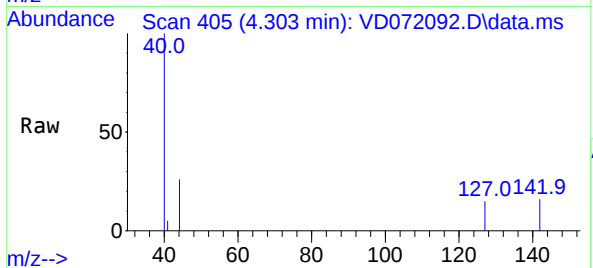




#10
Methyl Iodide
Concen: 3.131 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

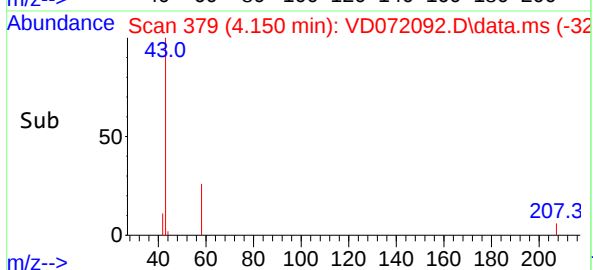
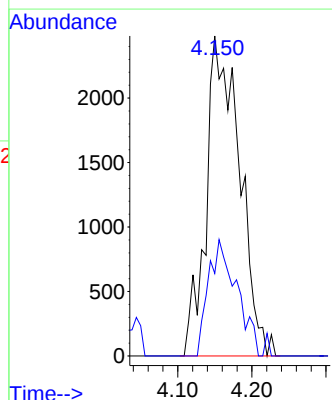
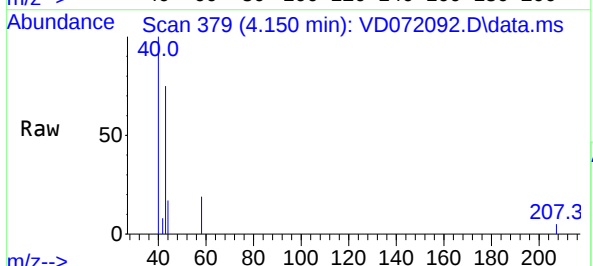
Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

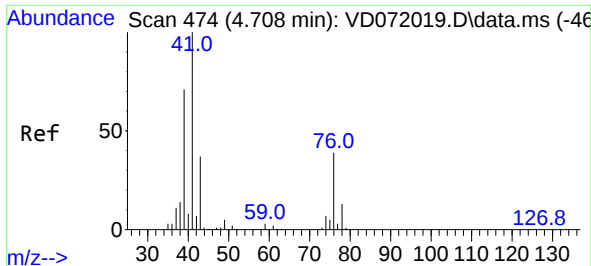
Tgt Ion:	142	Resp:	1060
Ion	Ratio	Lower	Upper
142	100		
127	39.6	35.8	53.8
141	0.0	11.6	17.4#



#16
Acetone
Concen: 8.170 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

Tgt Ion:	43	Resp:	7776
Ion	Ratio	Lower	Upper
43	100		
58	25.8	23.8	35.6





#18

Methyl Acetate

Concen: Below Cal

RT: 4.715 min Scan# 41

Delta R.T. 0.007 min

Lab File: VD072092.D

Acq: 25 Feb 2022 11:17

Instrument :

MSVOA_D

ClientSampleId :

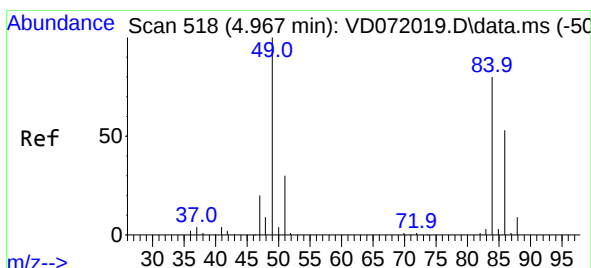
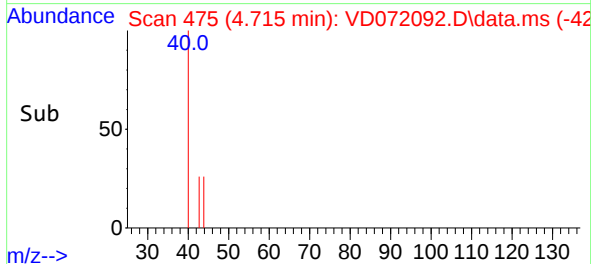
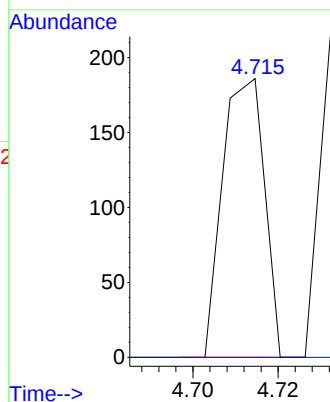
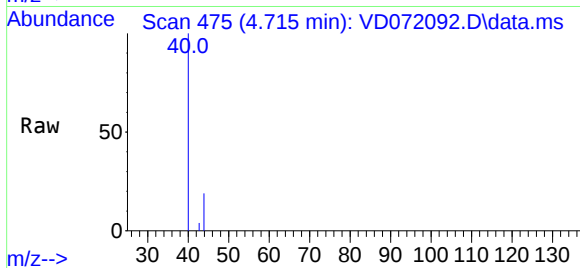
VD0225SBL01

Tgt Ion: 43 Resp: 127

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#20

Methylene Chloride

Concen: 1.717 ug/l

RT: 4.973 min Scan# 519

Delta R.T. 0.006 min

Lab File: VD072092.D

Acq: 25 Feb 2022 11:17

Tgt Ion: 84 Resp: 8132

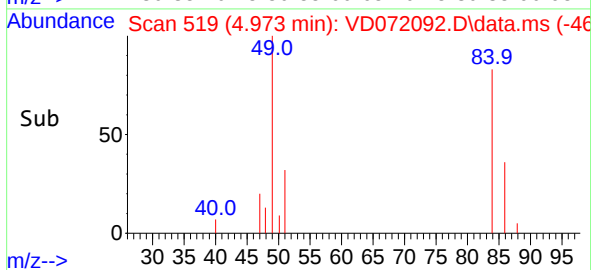
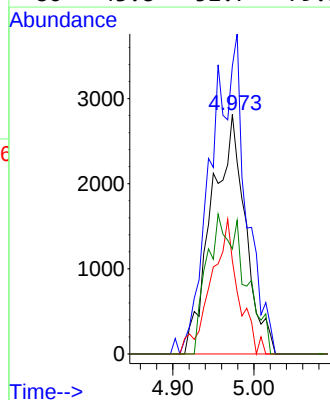
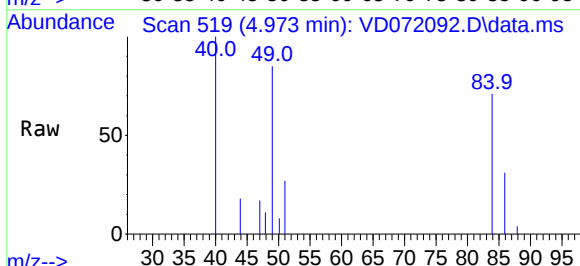
Ion Ratio Lower Upper

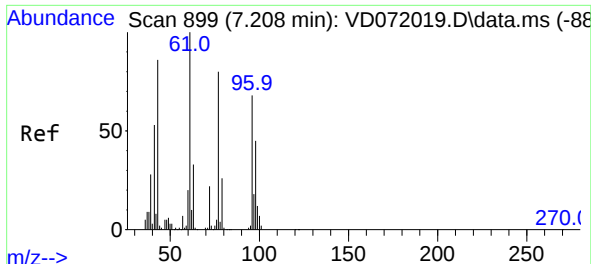
84 100

49 120.3 100.0 150.0

51 38.9 30.2 45.4

86 43.8 52.7 79.1#

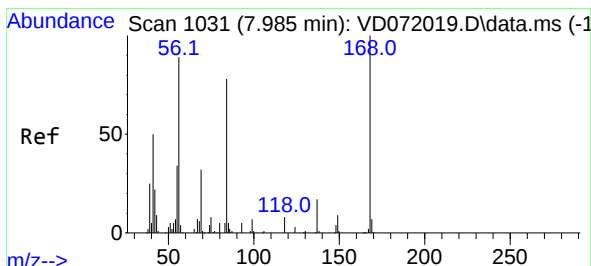
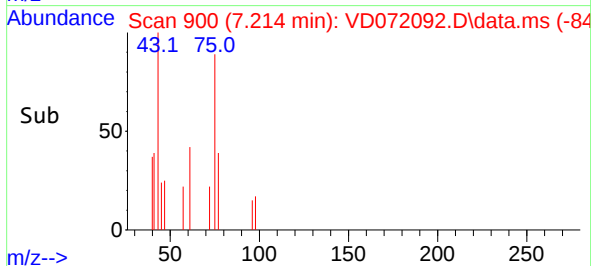
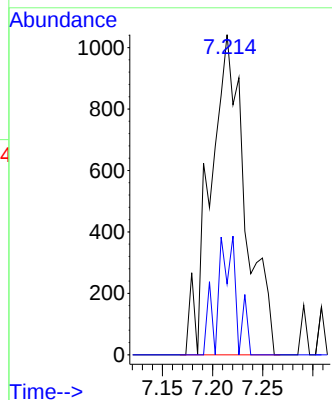
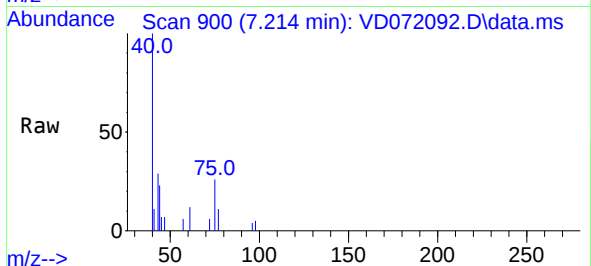




#25
2-Butanone
Concen: 1.913 ug/l
RT: 7.214 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

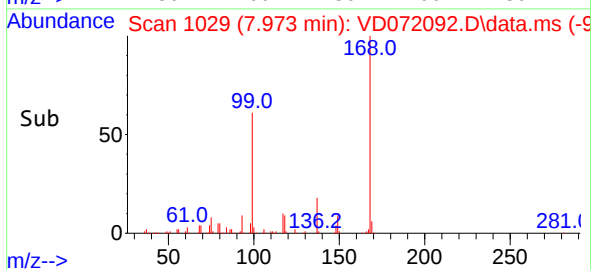
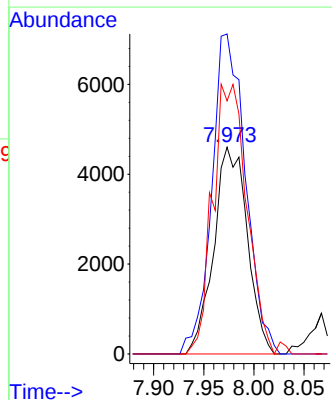
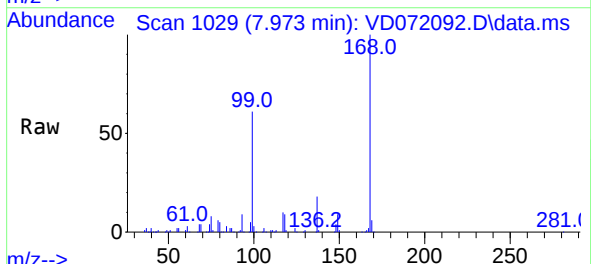
Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

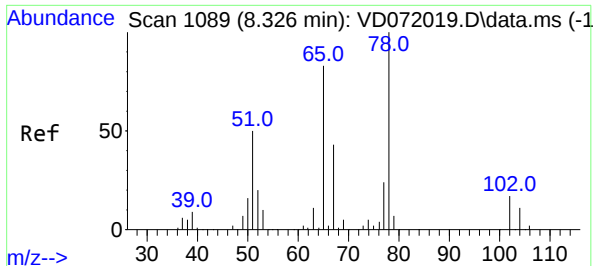
Tgt Ion: 43 Resp: 2517
Ion Ratio Lower Upper
43 100
72 22.2 20.3 30.5



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

Tgt Ion: 56 Resp: 10685
Ion Ratio Lower Upper
56 100
69 154.7 28.9 43.3#
84 122.4 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 56.847 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD072092.D

Acq: 25 Feb 2022 11:17

Instrument :

MSVOA_D

ClientSampleId :

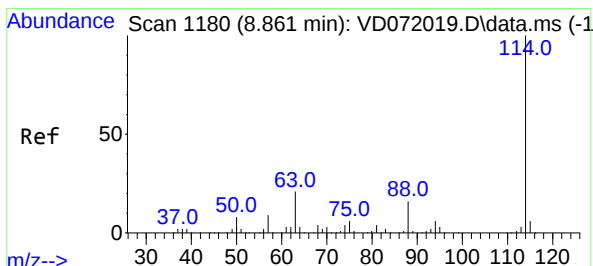
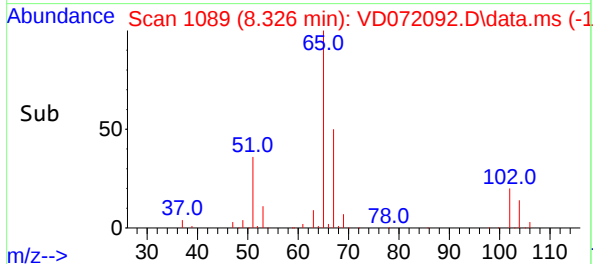
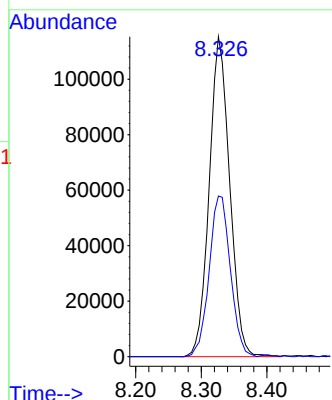
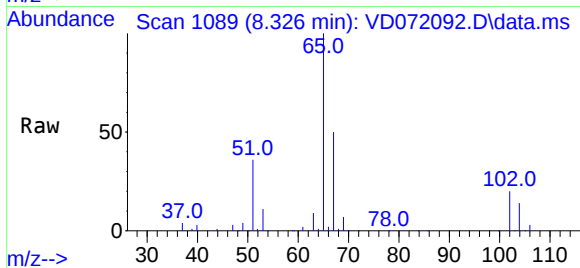
VD0225SBL01

Tgt Ion: 65 Resp: 250364

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072092.D

Acq: 25 Feb 2022 11:17

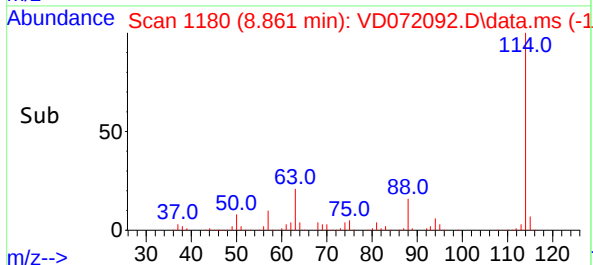
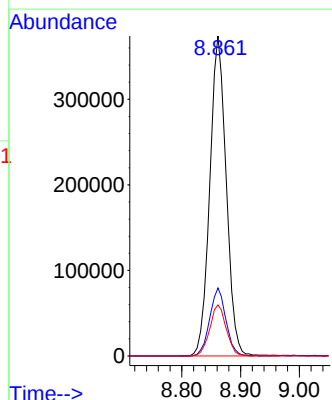
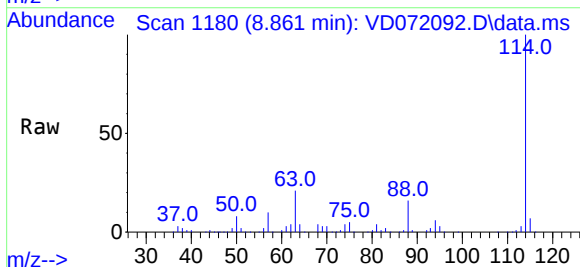
Tgt Ion: 114 Resp: 727033

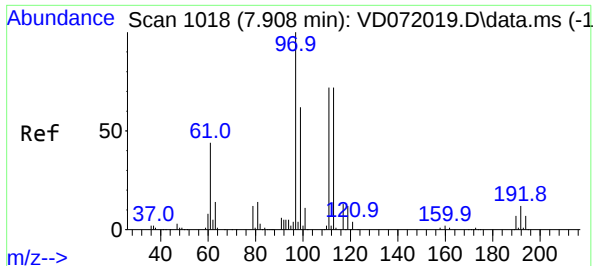
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.2

88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.064 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD072092.D

Acq: 25 Feb 2022 11:17

Instrument :

MSVOA_D

ClientSampleId :

VD0225SBL01

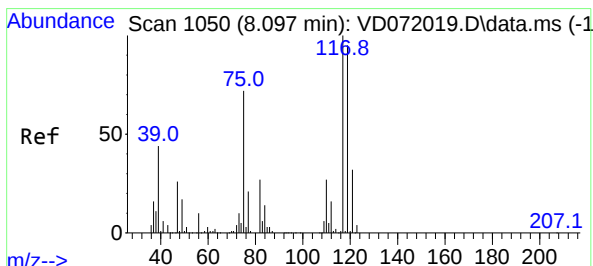
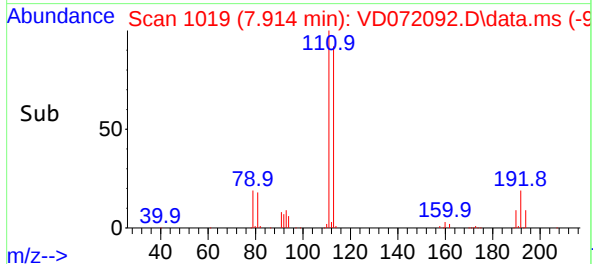
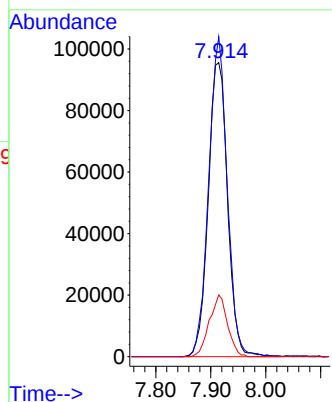
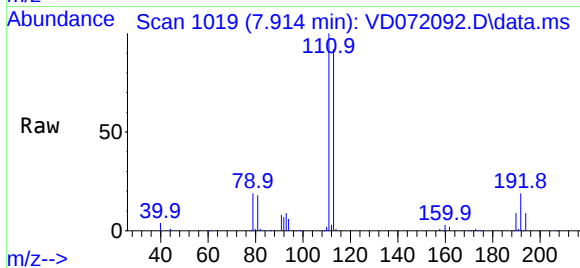
Tgt Ion:113 Resp: 233741

Ion Ratio Lower Upper

113 100

111 104.4 83.0 124.4

192 19.8 15.3 22.9



#38

Carbon Tetrachloride

Concen: 6.354 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.117 min

Lab File: VD072092.D

Acq: 25 Feb 2022 11:17

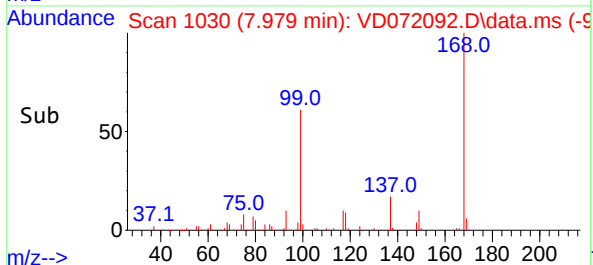
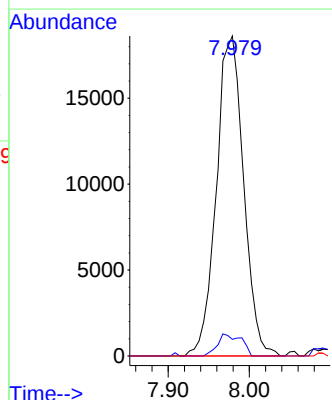
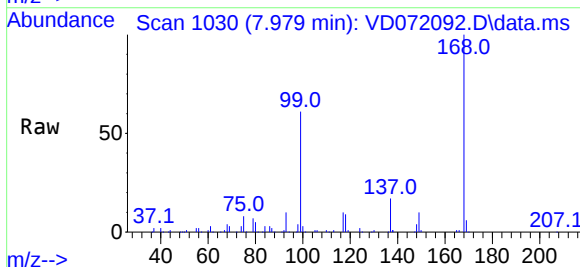
Tgt Ion:117 Resp: 43452

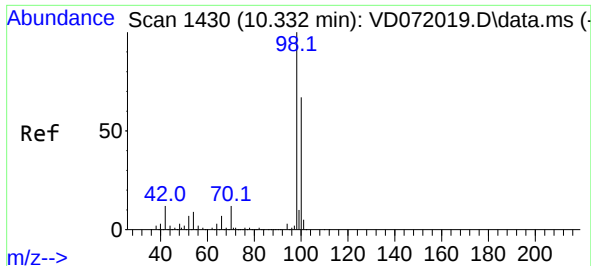
Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.8#

121 0.0 25.8 38.6#

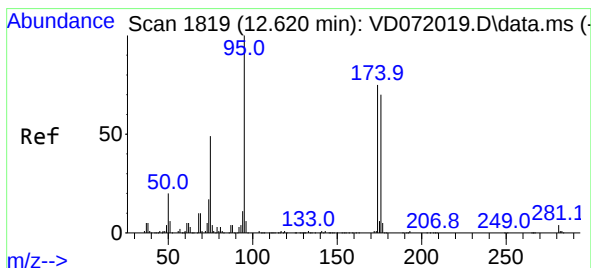
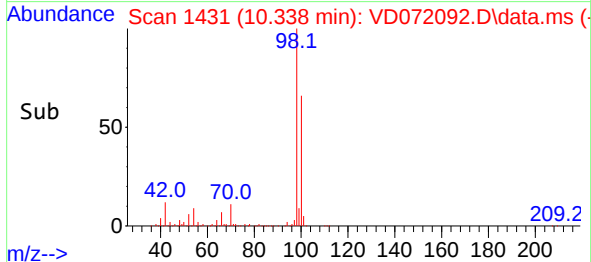
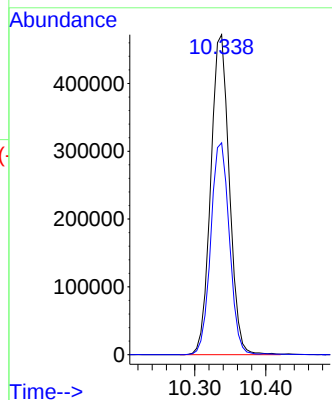
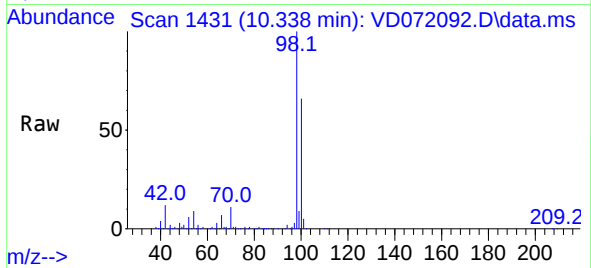




#50
Toluene-d8
Concen: 52.461 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

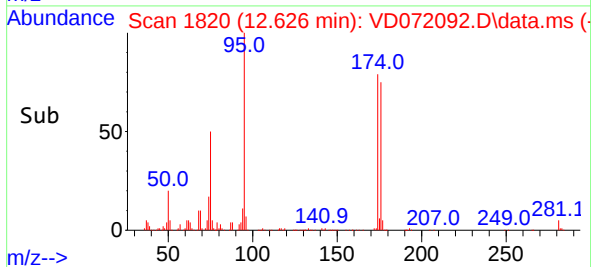
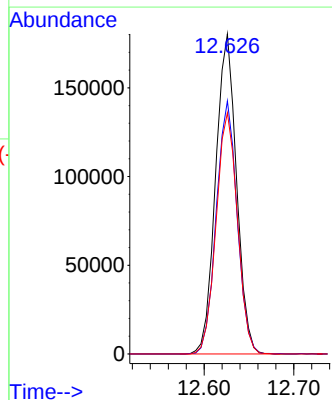
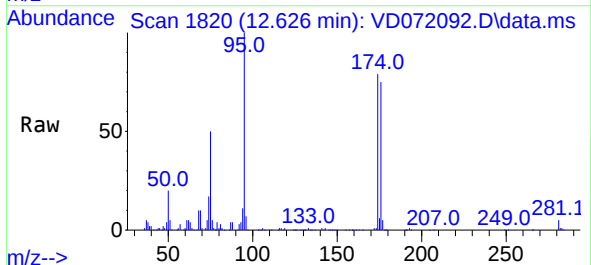
Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

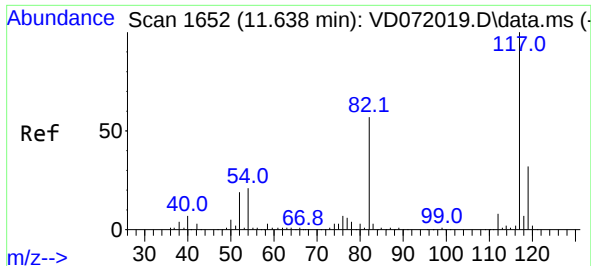
Tgt Ion: 98 Resp: 856959
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 48.393 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

Tgt Ion: 95 Resp: 290377
Ion Ratio Lower Upper
95 100
174 79.1 0.0 155.0
176 77.0 0.0 148.8

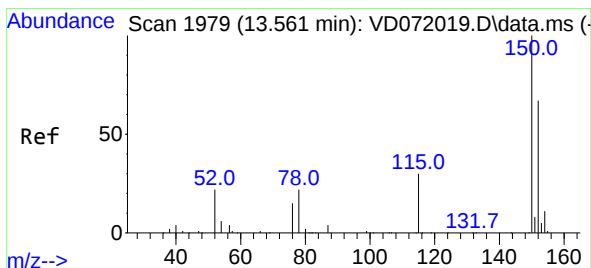
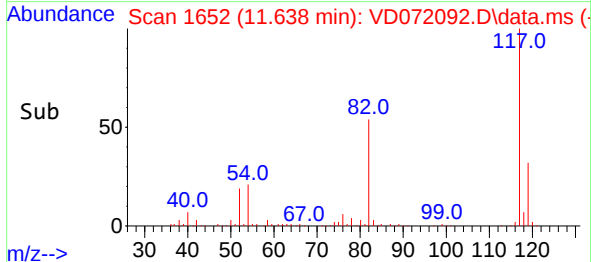
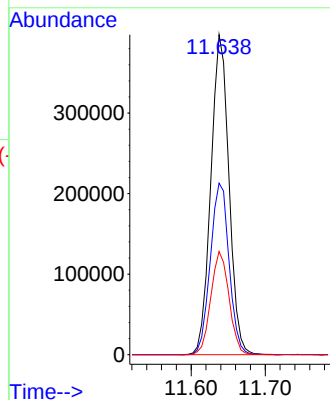
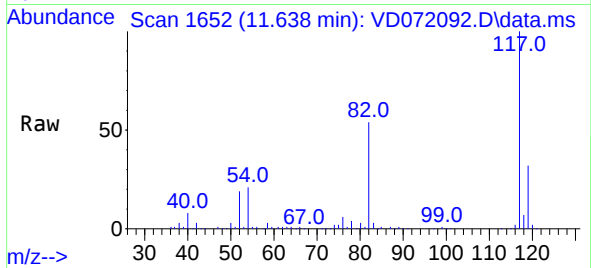




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

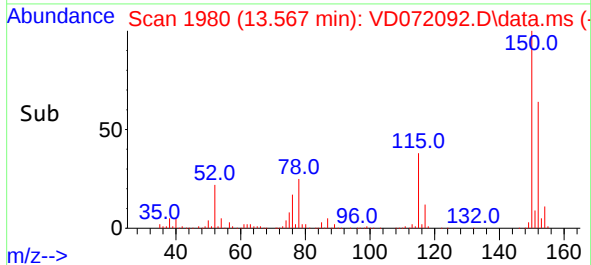
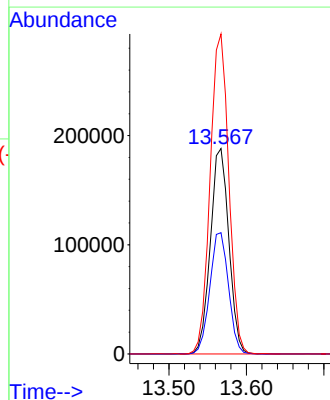
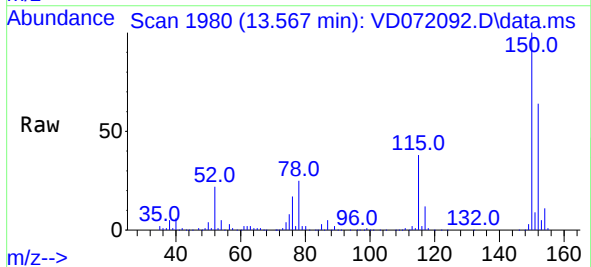
Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

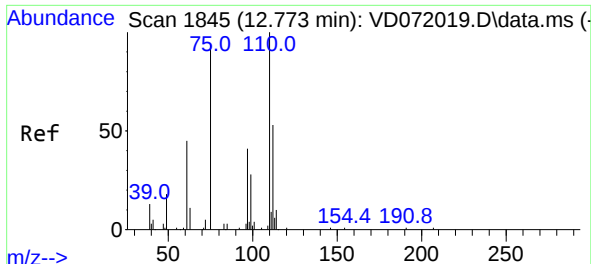
Tgt Ion:117 Resp: 673596
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.0
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

Tgt Ion:152 Resp: 311935
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.7
150 156.9 0.0 347.6

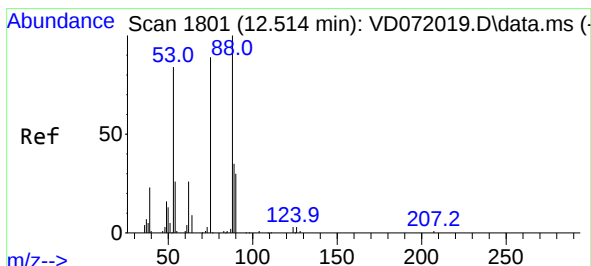
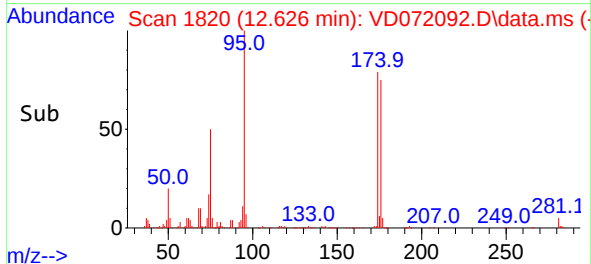
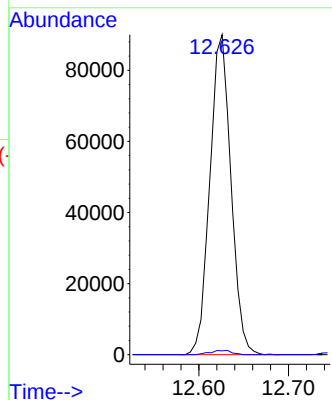
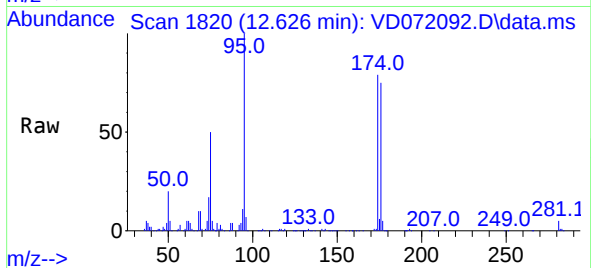




#76
1,2,3-Trichloropropane
Concen: 49.747 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

Instrument :
MSVOA_D
ClientSampleId :
VD0225SBL01

Tgt Ion: 75 Resp: 146990
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.578 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072092.D
Acq: 25 Feb 2022 11:17

Tgt Ion: 75 Resp: 146990
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#

