

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072123.D
 Acq On : 28 Feb 2022 15:28
 Operator : VA/SY
 Sample : N1679-04
 Misc : 6.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-VNJ-221

Quant Time: Mar 01 08:13:12 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

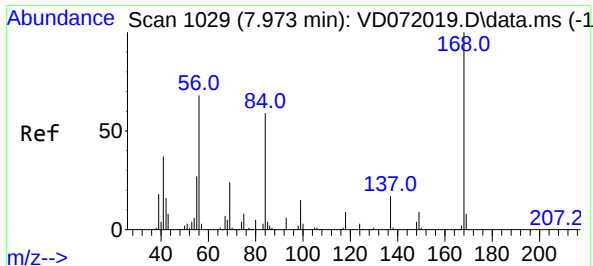
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	534804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	916635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	884281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	417832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249199	44.921	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.840%
35) Dibromofluoromethane	7.914	113	278488	50.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.300%
50) Toluene-d8	10.338	98	1119224	54.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.680%
62) 4-Bromofluorobenzene	12.626	95	404970	53.531	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.060%
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	646	Below Cal	#	70
10) Methyl Iodide	4.297	142	652	3.025	ug/l #	69
16) Acetone	4.144	43	2064	1.722	ug/l #	88
18) Methyl Acetate	4.726	43	140	Below Cal	#	52
20) Methylene Chloride	4.967	84	6792	1.138	ug/l #	79
31) Cyclohexane	7.973	56	12329	1.258	ug/l #	4
36) 1,1-Dichloropropene	7.973	75	42109	5.006	ug/l #	49
38) Carbon Tetrachloride	7.973	117	52997	6.146	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	4884	1.269	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	206621	52.206	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	206621	130.735	ug/l #	10

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

Quant Time: Mar 01 08:13:12 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

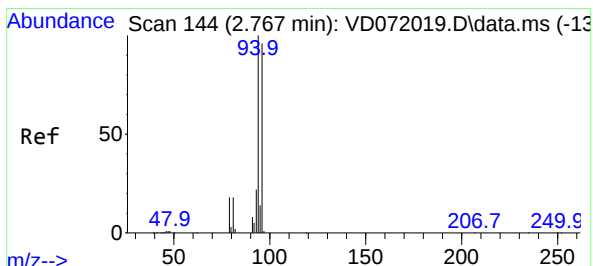
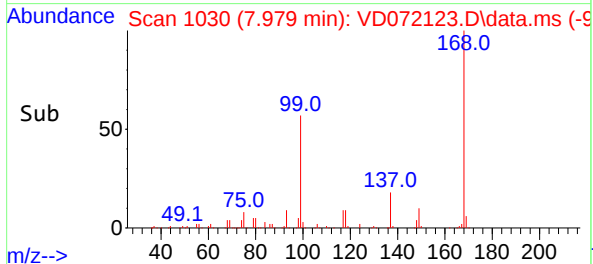
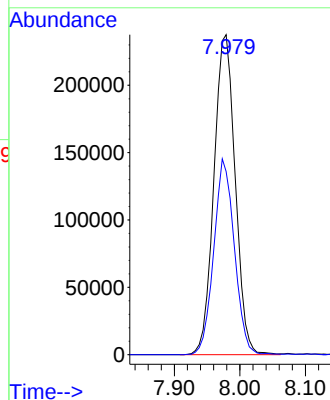
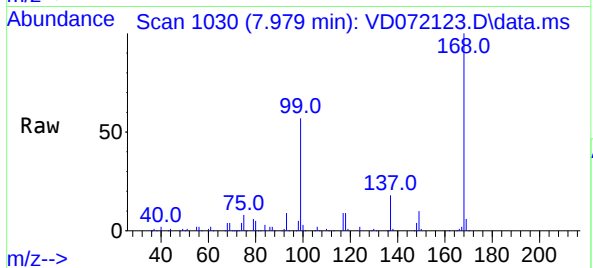




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

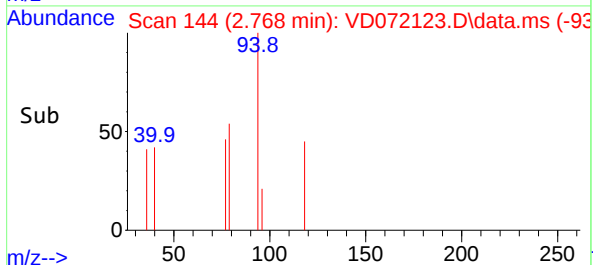
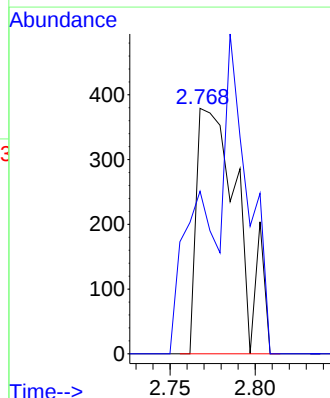
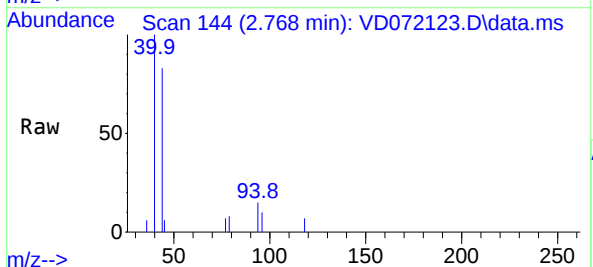
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-221

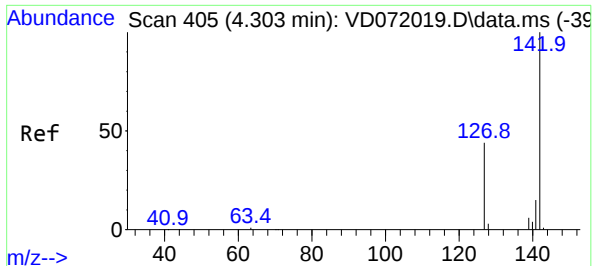
Tgt Ion:168 Resp: 534804
Ion Ratio Lower Upper
168 100
99 57.3 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. 0.001 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 66.2 76.8 115.2#

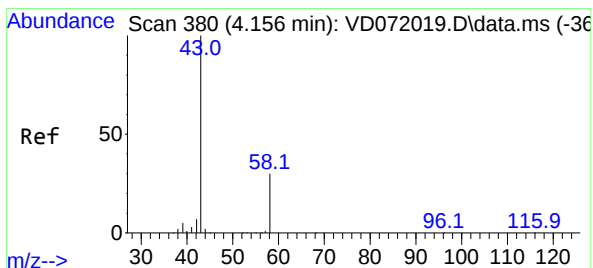
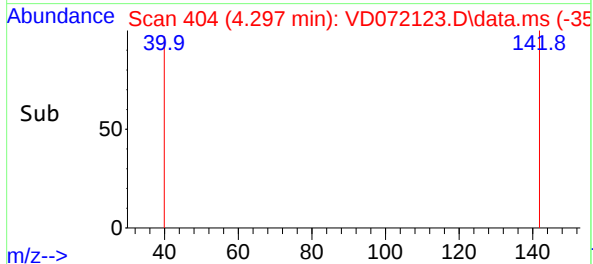
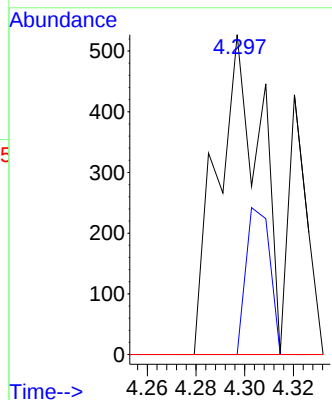
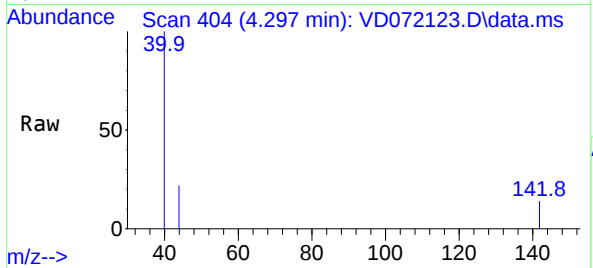




#10
Methyl Iodide
Concen: 3.025 ug/l
RT: 4.297 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

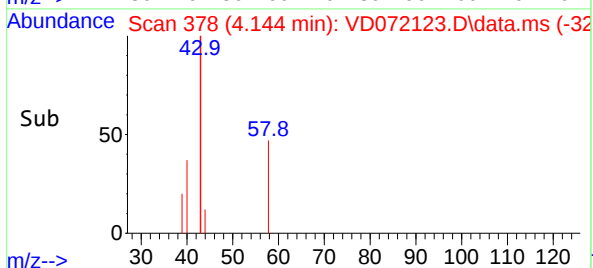
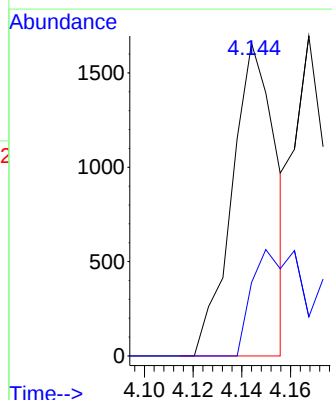
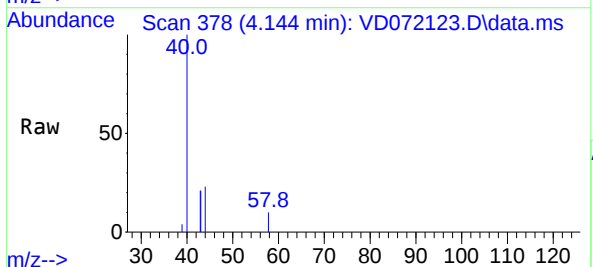
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-221

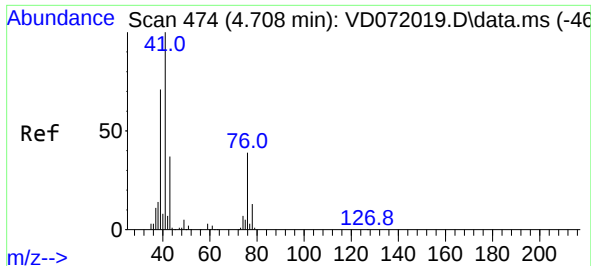
Tgt Ion:142 Resp: 652
Ion Ratio Lower Upper
142 100
127 25.2 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 1.722 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Tgt Ion: 43 Resp: 2064
Ion Ratio Lower Upper
43 100
58 23.5 23.8 35.6#

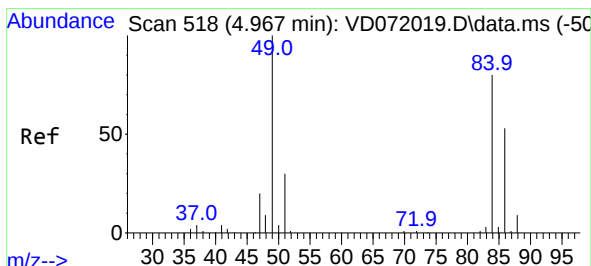
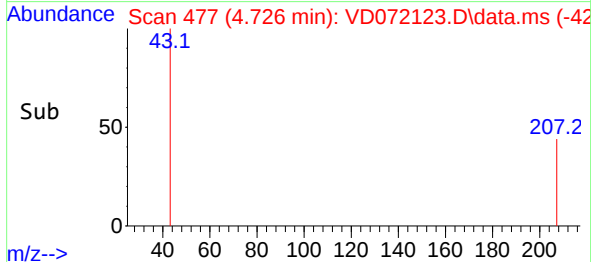
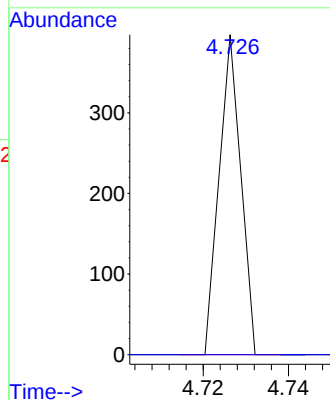
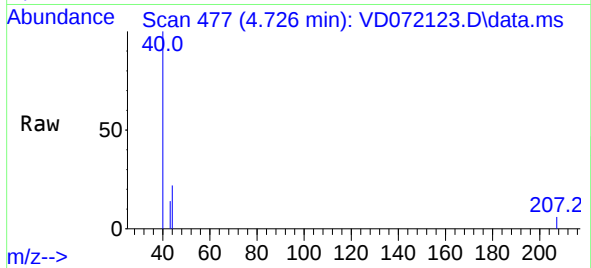




#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 41
Delta R.T. 0.018 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

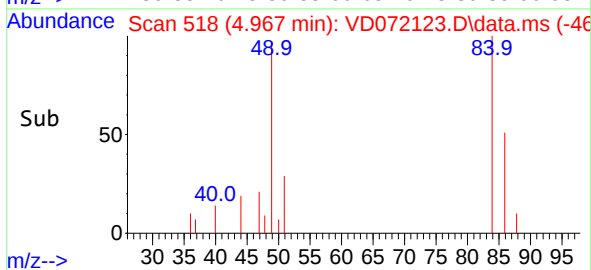
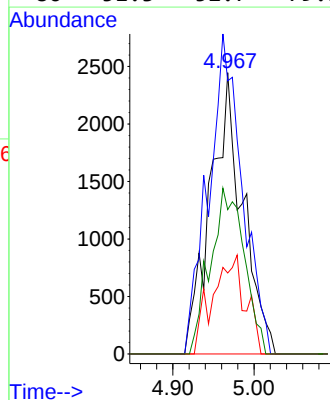
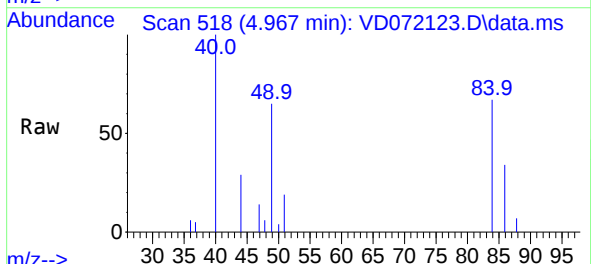
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-221

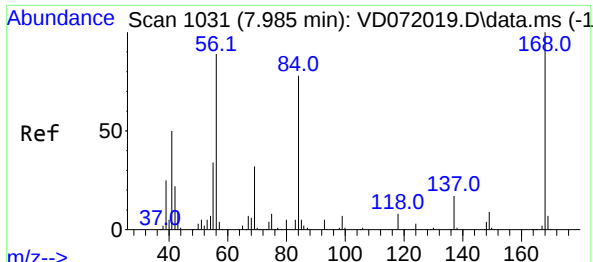
Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 1.138 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Tgt Ion: 84 Resp: 6792
Ion Ratio Lower Upper
84 100
49 97.1 100.0 150.0#
51 28.8 30.2 45.4#
86 51.3 52.7 79.1#

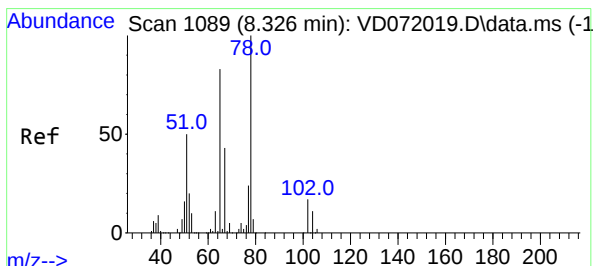
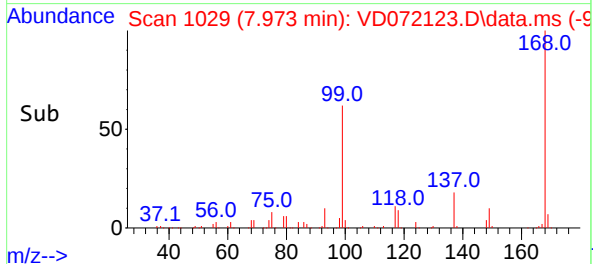
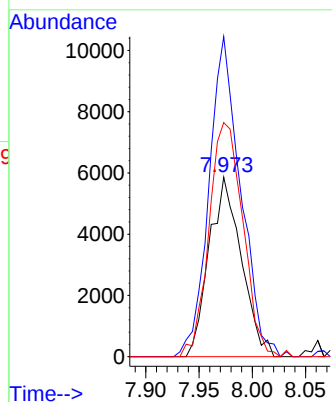
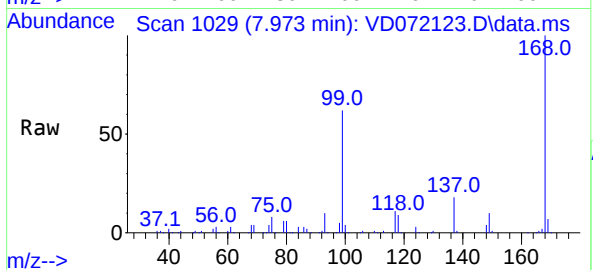




#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.973 min Scan# 1031
Delta R.T. -0.012 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

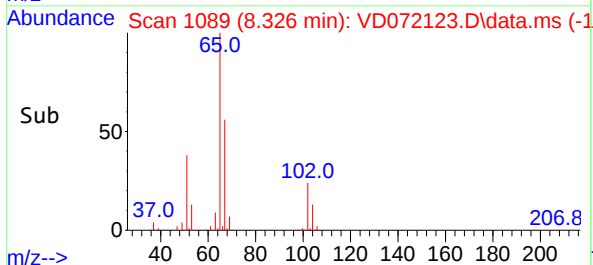
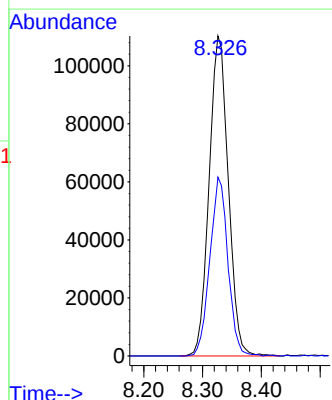
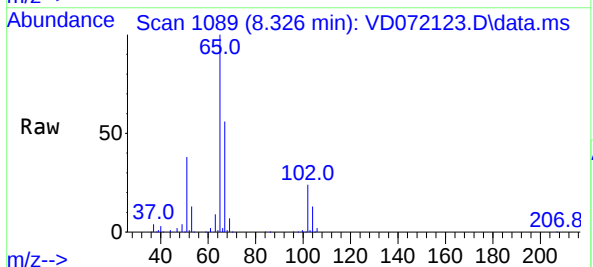
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-221

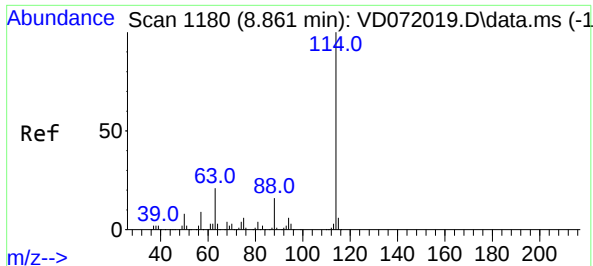
Tgt Ion: 56 Resp: 12329
Ion Ratio Lower Upper
56 100
69 172.2 28.9 43.3#
84 126.0 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 44.921 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Tgt Ion: 65 Resp: 249199
Ion Ratio Lower Upper
65 100
67 52.7 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: VD072123.D

Acq: 28 Feb 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

RO-VNJ-221

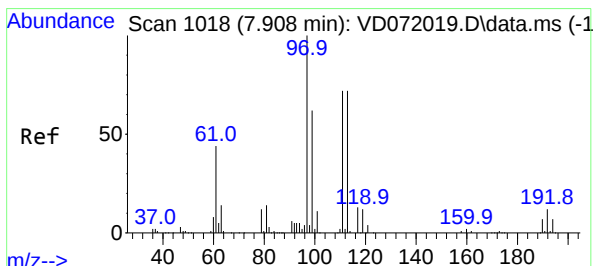
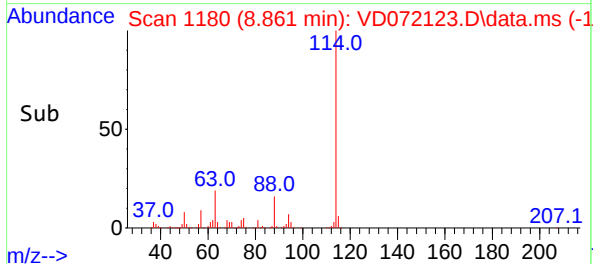
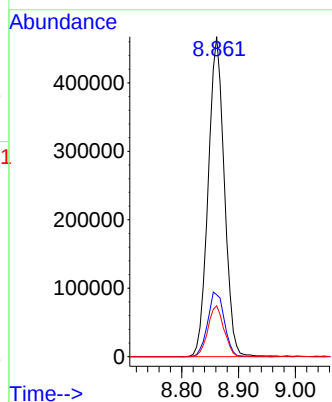
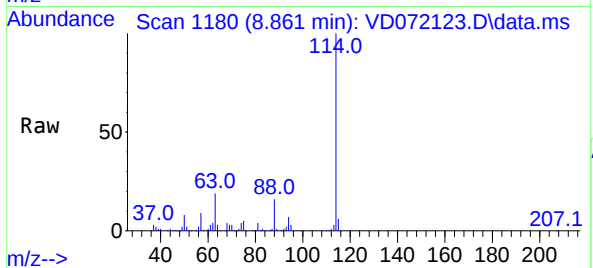
Tgt Ion:114 Resp: 916635

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.2

88 15.9 0.0 31.2



#35

Dibromofluoromethane

Concen: 50.145 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072123.D

Acq: 28 Feb 2022 15:28

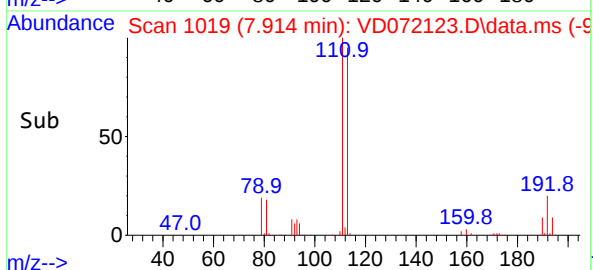
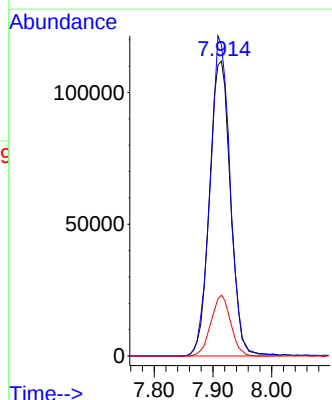
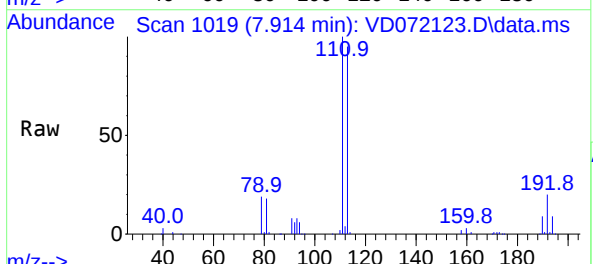
Tgt Ion:113 Resp: 278488

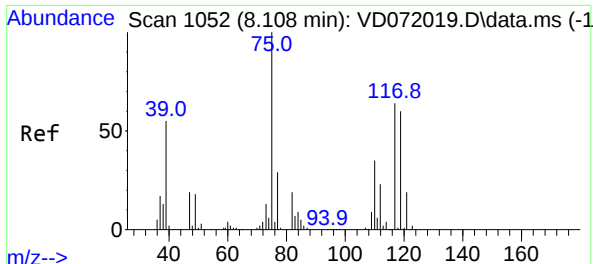
Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

192 19.3 15.3 22.9

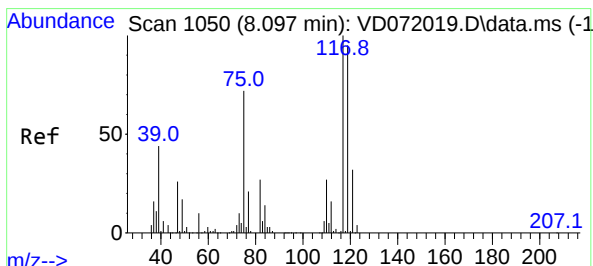
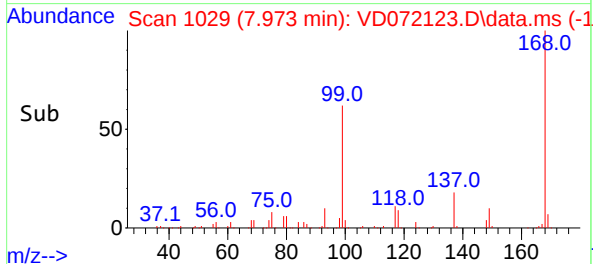
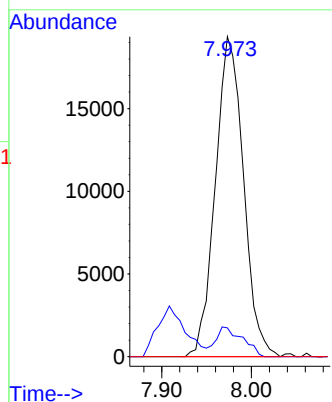
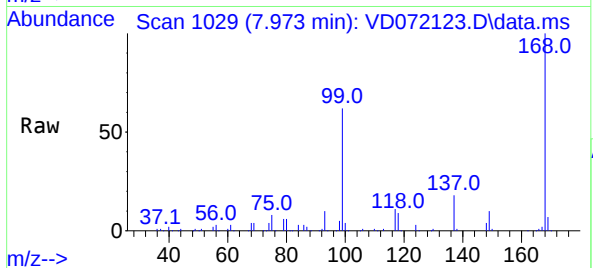




#36
1,1-Dichloropropene
Concen: 5.006 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

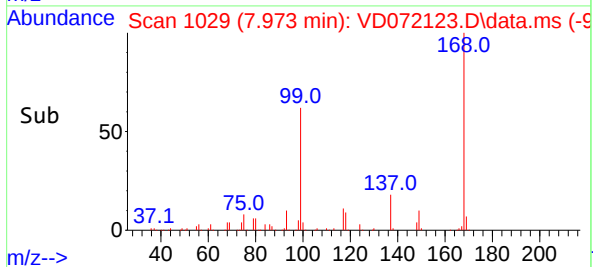
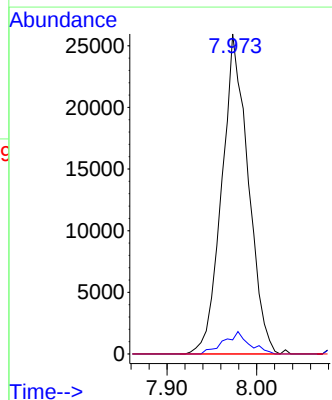
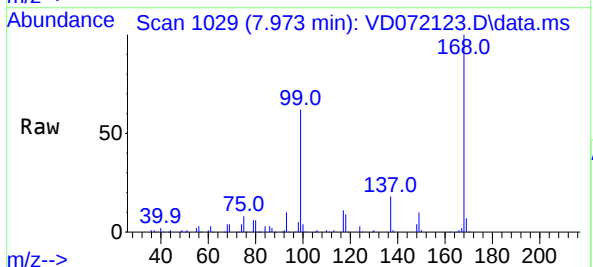
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-221

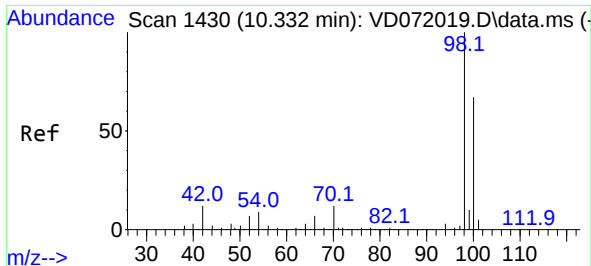
Tgt Ion: 75 Resp: 42109
Ion Ratio Lower Upper
75 100
110 8.8 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.146 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Tgt Ion: 117 Resp: 52997
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 25.8 38.6#

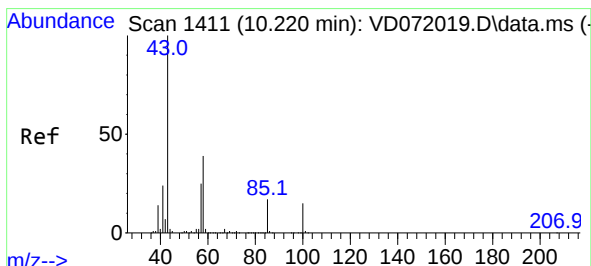
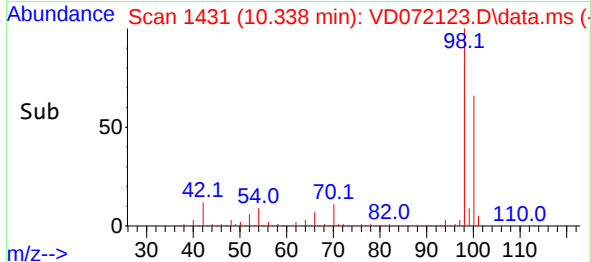
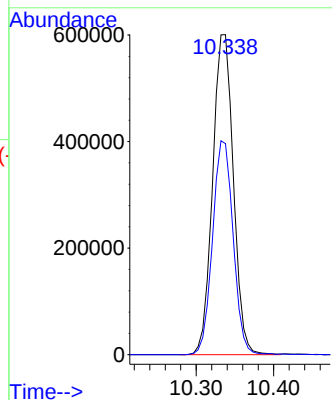
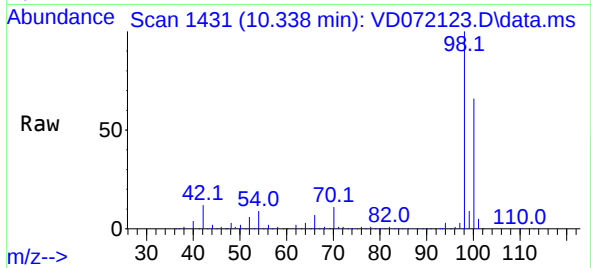




#50
Toluene-d8
Concen: 54.344 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

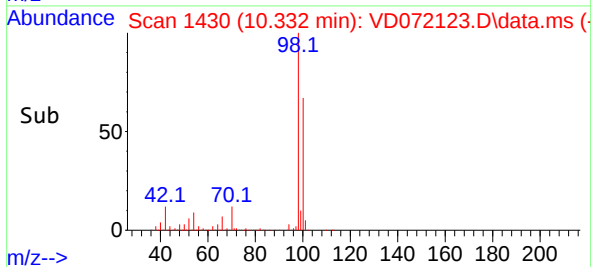
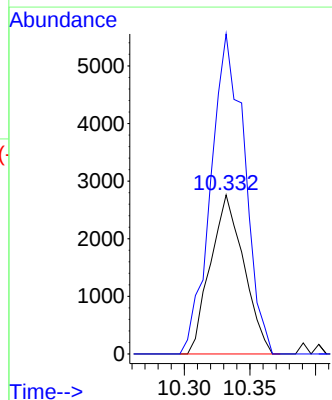
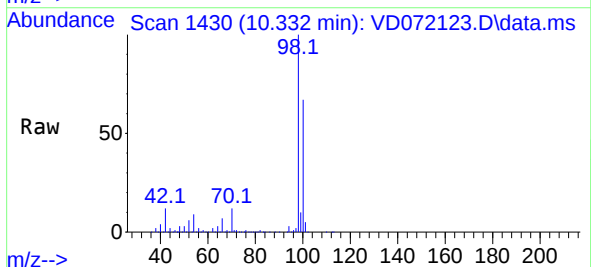
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-221

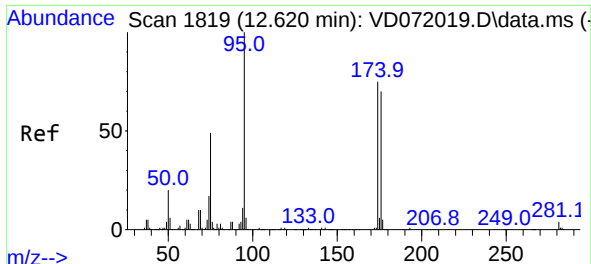
Tgt Ion: 98 Resp: 1119224
Ion Ratio Lower Upper
98 100
100 66.4 53.8 80.6



#51
4-Methyl-2-Pentanone
Concen: 1.269 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Tgt Ion: 43 Resp: 4884
Ion Ratio Lower Upper
43 100
58 203.6 30.8 46.2#



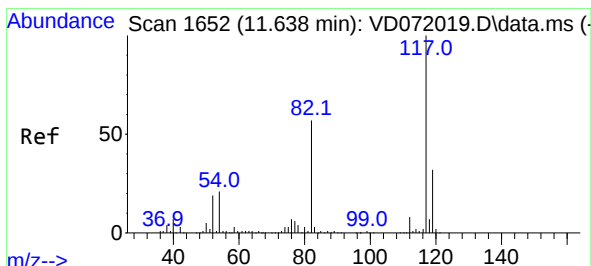
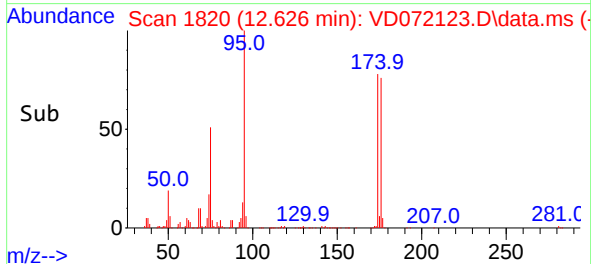
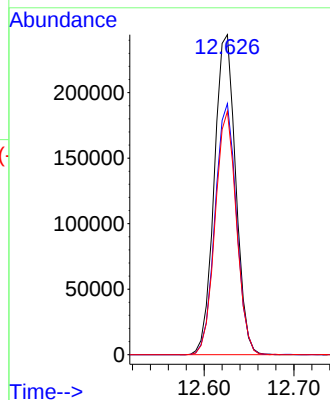
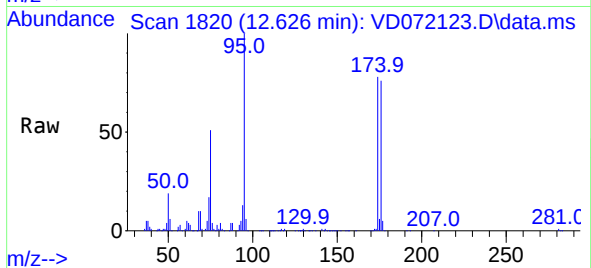


#62
 4-Bromofluorobenzene
 Concen: 53.531 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.006 min
 Lab File: VD072123.D
 Acq: 28 Feb 2022 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-VNJ-221

Tgt Ion: 95 Resp: 404970

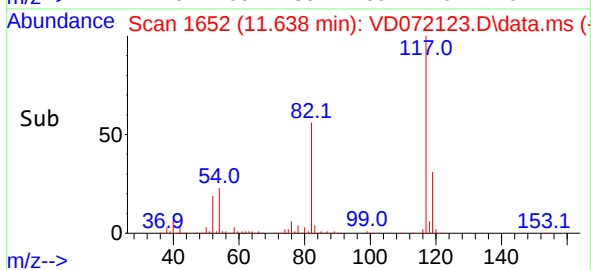
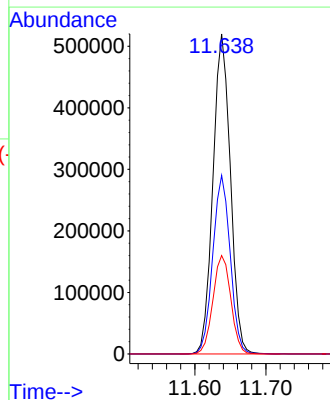
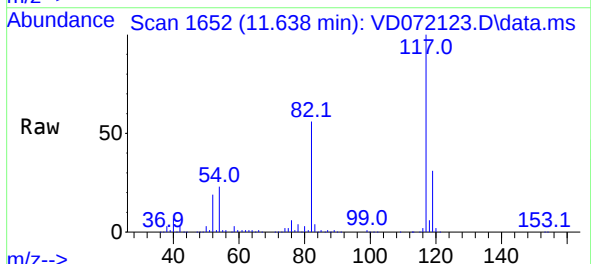
Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	155.0
176	75.3	0.0	148.8

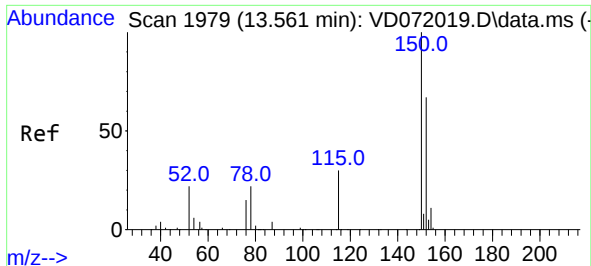


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.638 min Scan# 1652
 Delta R.T. 0.000 min
 Lab File: VD072123.D
 Acq: 28 Feb 2022 15:28

Tgt Ion: 117 Resp: 884281

Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.4	68.0
119	30.8	25.4	38.2

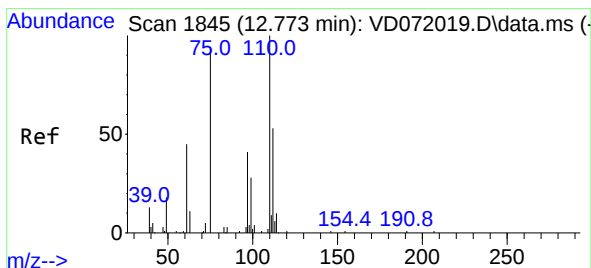
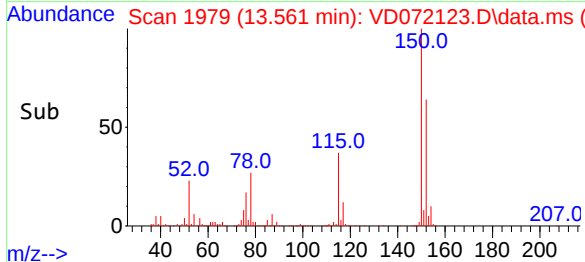
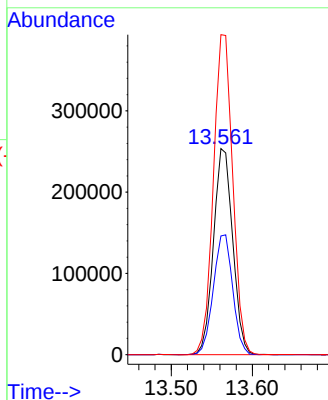
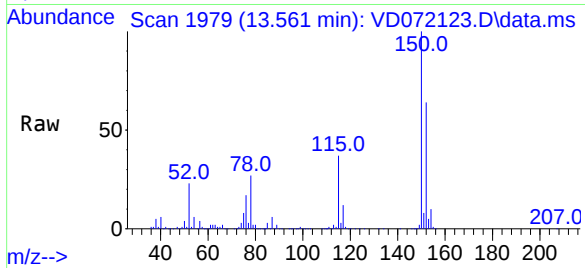




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

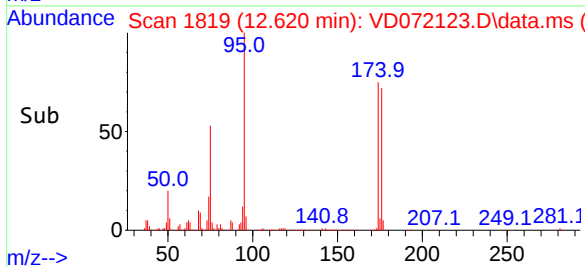
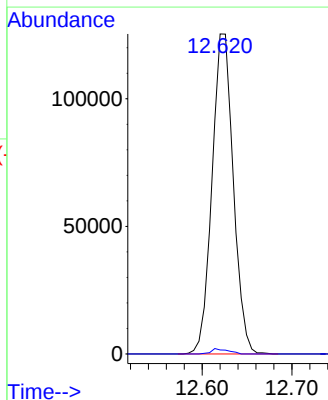
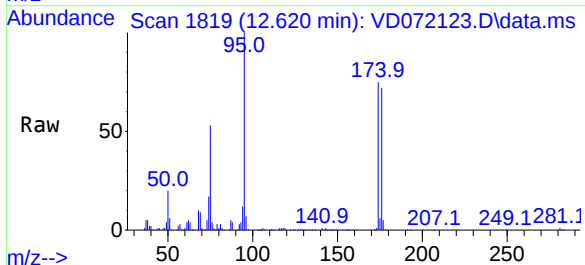
Instrument :
MSVOA_D
ClientSampleId :
RO-VNJ-221

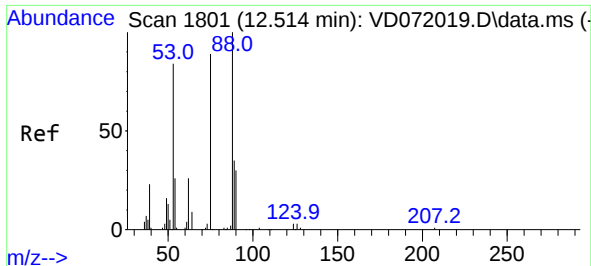
Tgt Ion:152 Resp: 417832
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.7
150 156.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.206 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072123.D
Acq: 28 Feb 2022 15:28

Tgt Ion: 75 Resp: 206621
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.735 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072123.D
 Acq: 28 Feb 2022 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-VNJ-221

Tgt Ion: 75 Resp: 206621
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.2 120.4#
 89 0.0 36.4 54.6#

