

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072228.D
 Acq On : 16 Mar 2022 19:53
 Operator : VA/SY
 Sample : N1912-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-242RE

Quant Time: Mar 17 02:28:56 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)

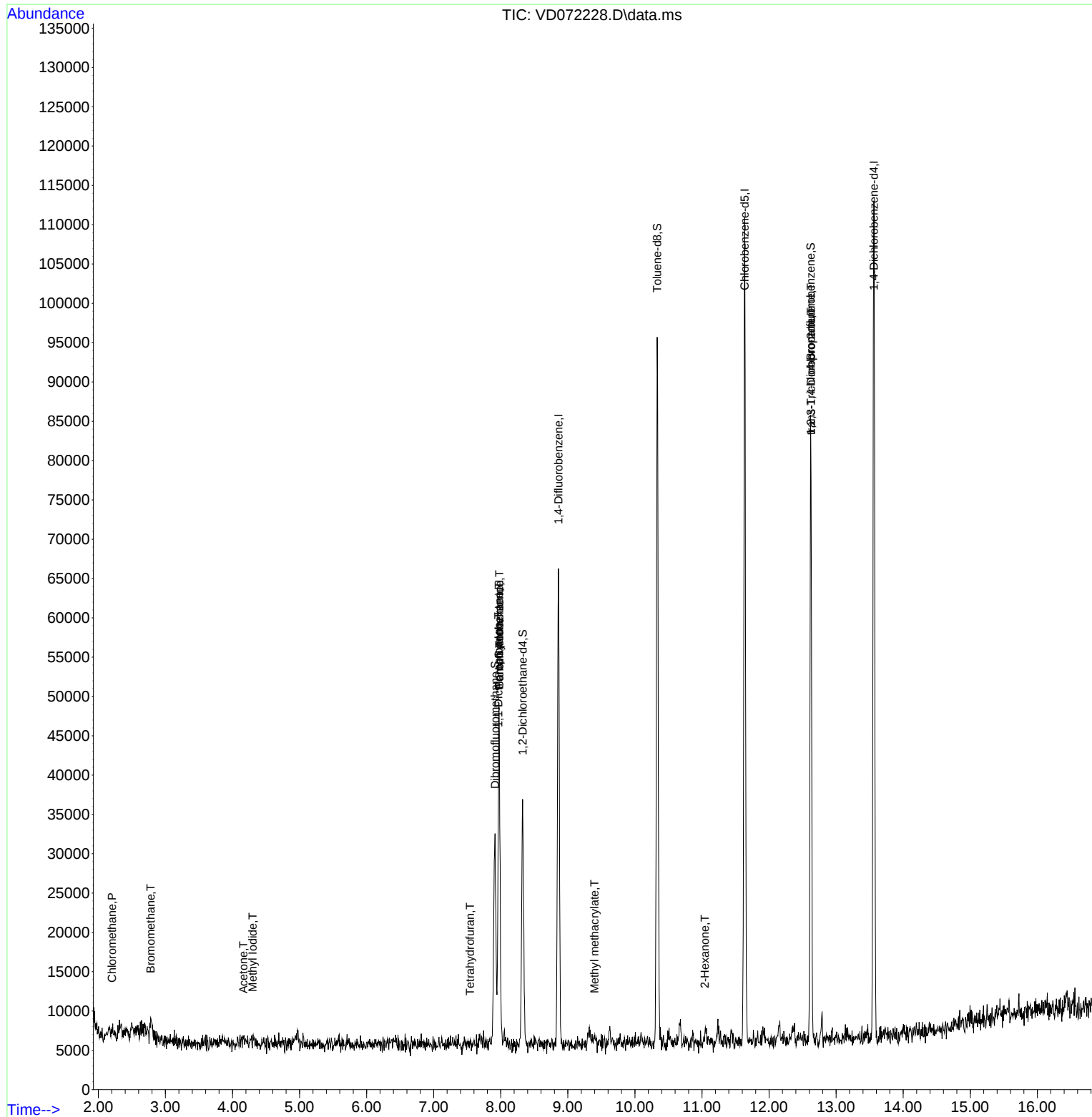
Internal Standards						
1) Pentafluorobenzene	7.979	168	30169	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	49040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	58353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	28148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	23517	69.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.900%	
35) Dibromofluoromethane	7.914	113	19126	55.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.840%	
50) Toluene-d8	10.332	98	57930	45.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.820%	
62) 4-Bromofluorobenzene	12.620	95	26844	54.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	461	1.859	ug/l	# 40
5) Bromomethane	2.779	94	1146	7.353	ug/l	# 66
10) Methyl Iodide	4.302	142	670	4.300	ug/l	# 50
16) Acetone	4.161	43	1016	13.918	ug/l	# 47
20) Methylene Chloride	4.961	84	861	Below Cal	#	18
29) Tetrahydrofuran	7.543	42	208	3.634	ug/l	# 38
31) Cyclohexane	7.973	56	567	1.079	ug/l	# 12
36) 1,1-Dichloropropene	7.967	75	2411	4.980	ug/l	# 47
38) Carbon Tetrachloride	7.979	117	3303	6.002	ug/l	# 21
48) Methyl methacrylate	9.396	41	354	1.801	ug/l	# 19
59) 2-Hexanone	11.043	43	244	1.634	ug/l	# 27
76) 1,2,3-Trichloropropane	12.626	75	13739	44.248	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	13739	109.785	ug/l	# 7

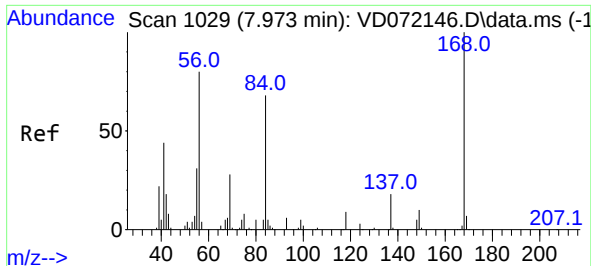
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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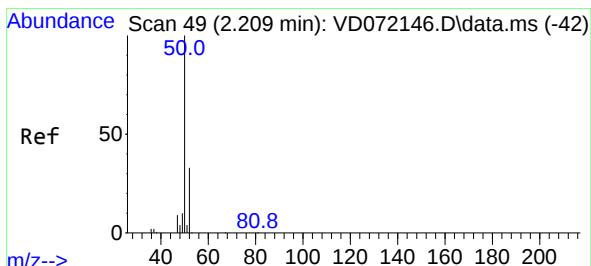
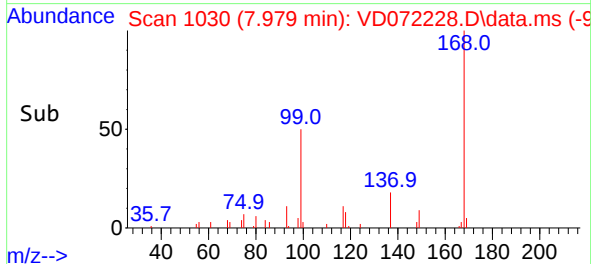
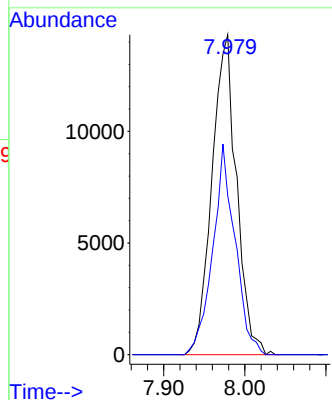
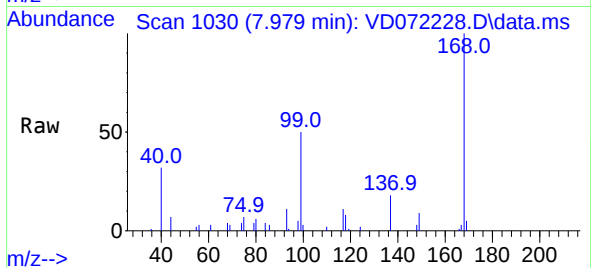




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

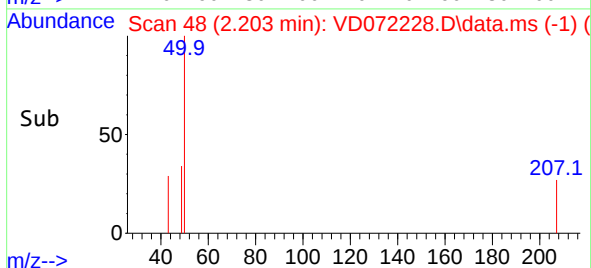
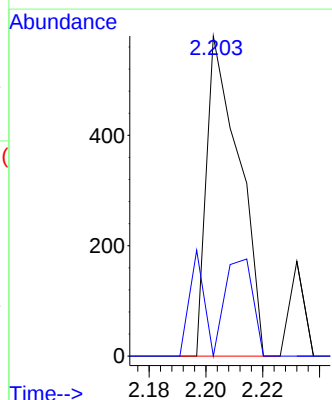
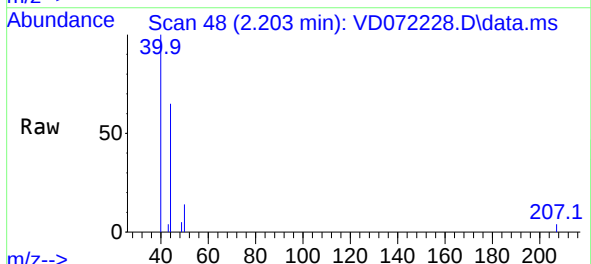
Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

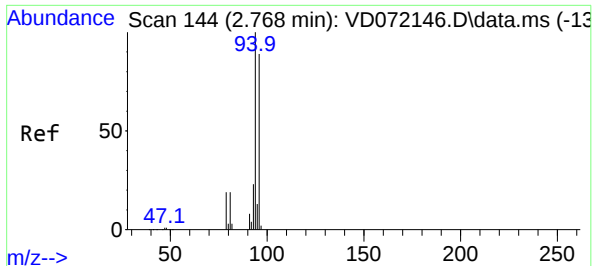
Tgt Ion:168 Resp: 30169
Ion Ratio Lower Upper
168 100
99 49.7 49.8 74.6#



#3
Chloromethane
Concen: 1.859 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 50 Resp: 461
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

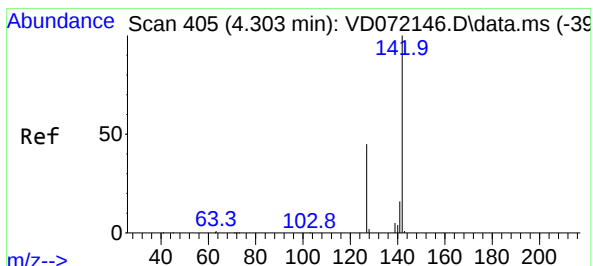
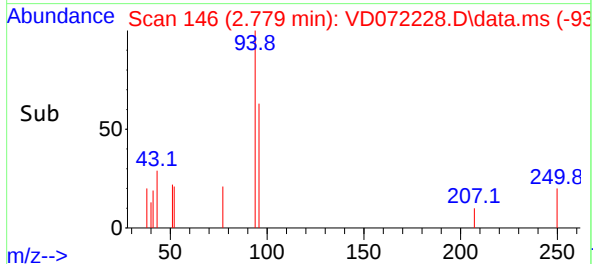
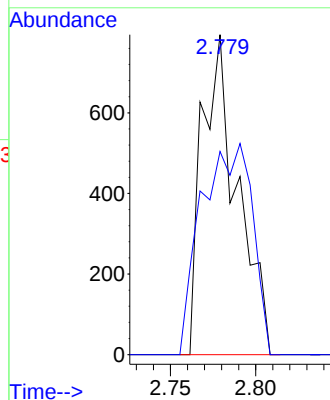
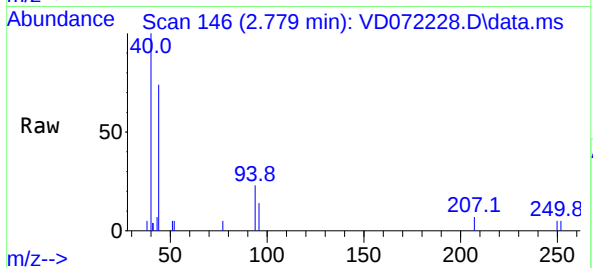




#5
Bromomethane
Concen: 7.353 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

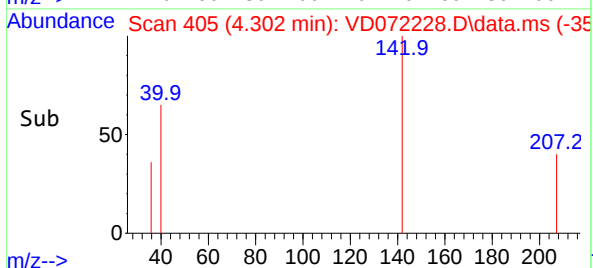
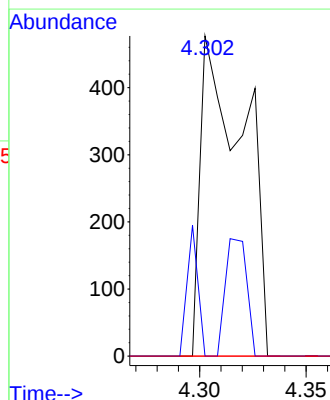
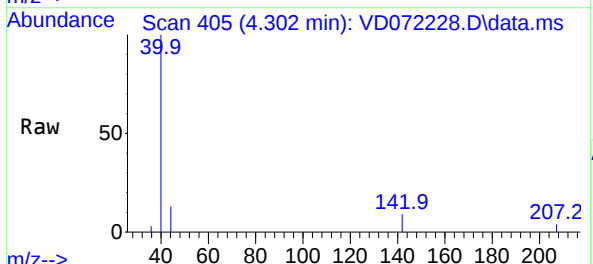
Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

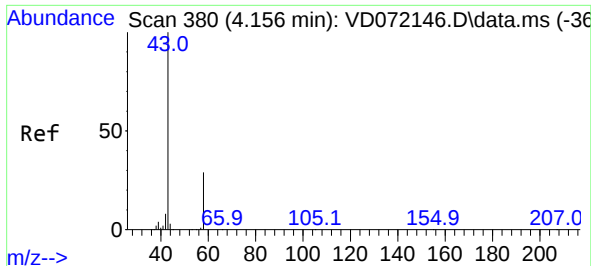
Tgt Ion: 94 Resp: 1146
Ion Ratio Lower Upper
94 100
96 63.5 77.6 116.4#



#10
Methyl Iodide
Concen: 4.300 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 142 Resp: 670
Ion Ratio Lower Upper
142 100
127 10.3 37.3 55.9#
141 0.0 11.7 17.5#

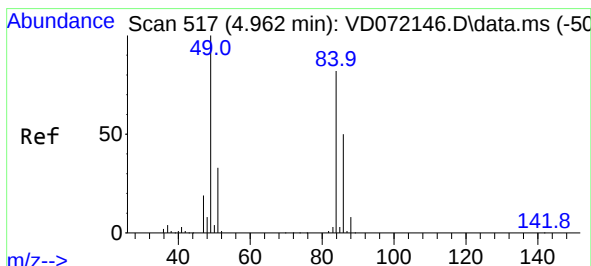
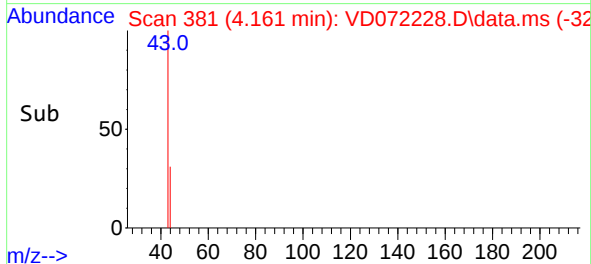
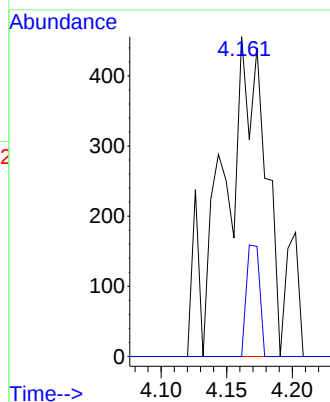
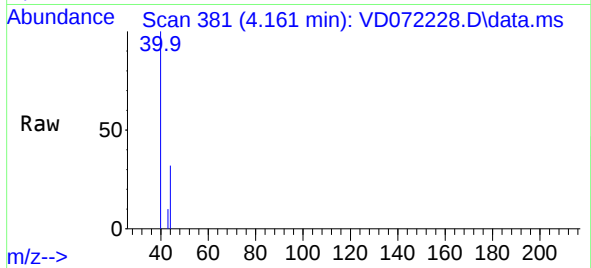




#16
Acetone
Concen: 13.918 ug/l
RT: 4.161 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

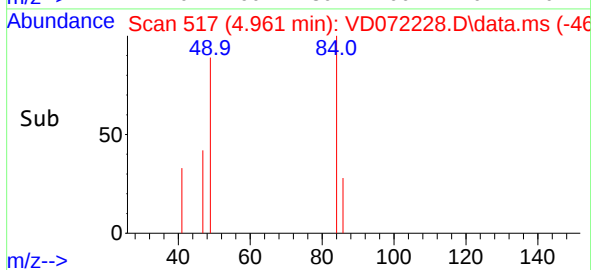
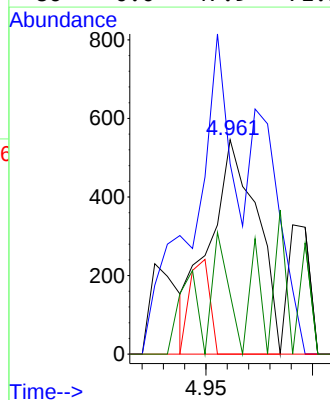
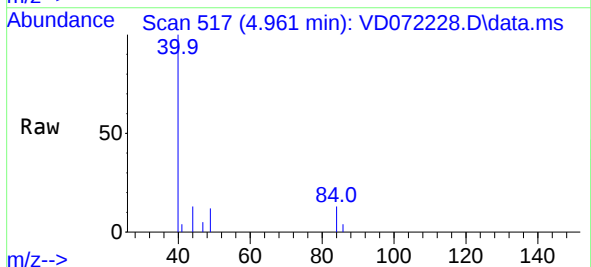
Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

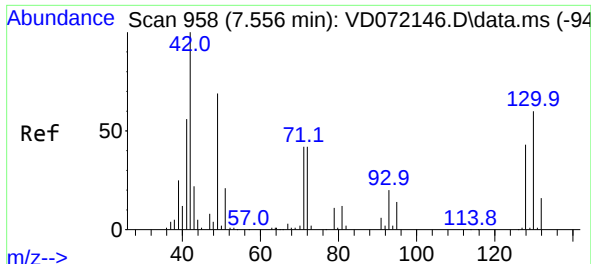
Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 84 Resp: 861
Ion Ratio Lower Upper
84 100
49 33.5 112.8 169.2#
51 0.0 32.6 48.8#
86 0.0 47.9 71.9#

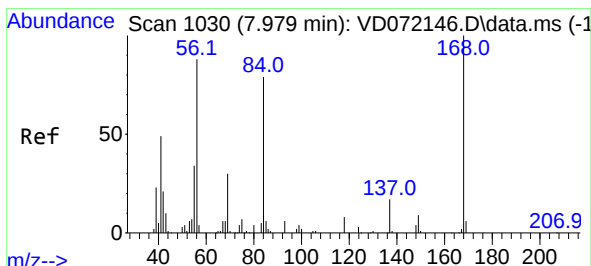
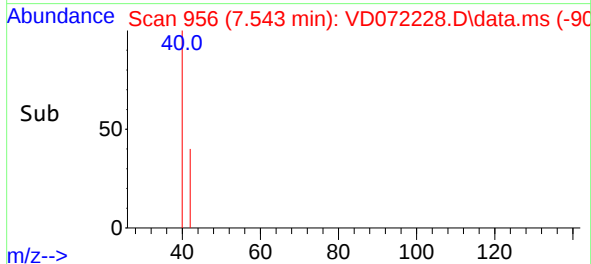
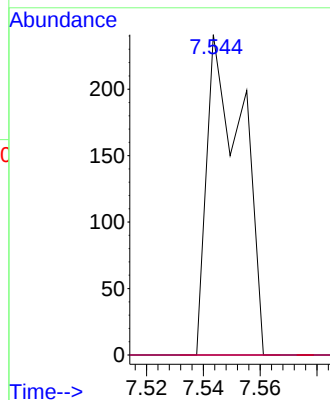
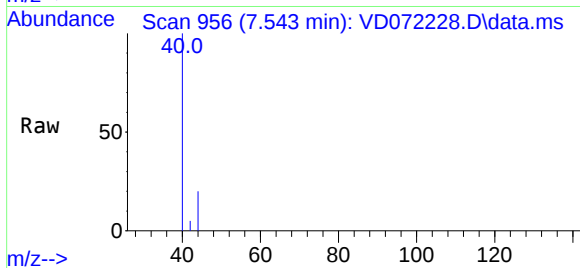




#29
Tetrahydrofuran
Concen: 3.634 ug/l
RT: 7.543 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

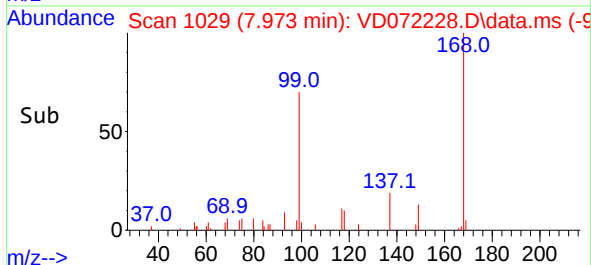
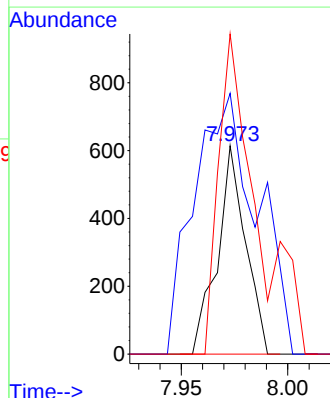
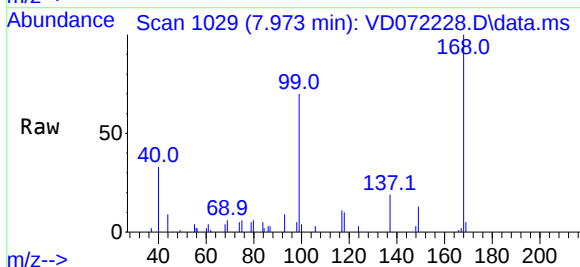
Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

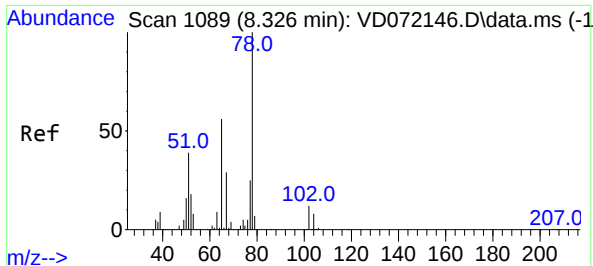
Tgt Ion:	42	Resp:	208
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.7	46.1#
71	0.0	28.6	43.0#



#31
Cyclohexane
Concen: 1.079 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion:	56	Resp:	567
Ion	Ratio	Lower	Upper
56	100		
69	83.7	25.4	38.2#
84	153.7	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 69.946 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072228.D

Acq: 16 Mar 2022 19:53

Instrument :

MSVOA_D

ClientSampleId :

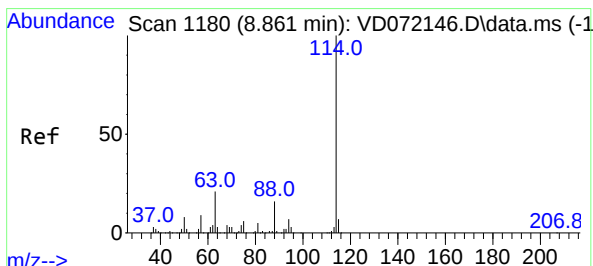
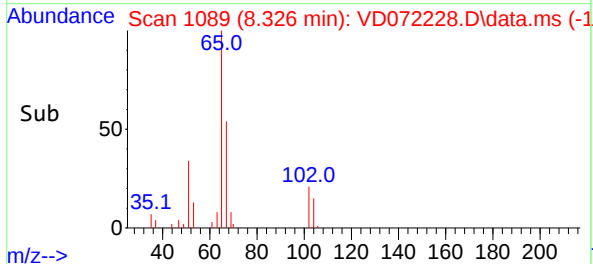
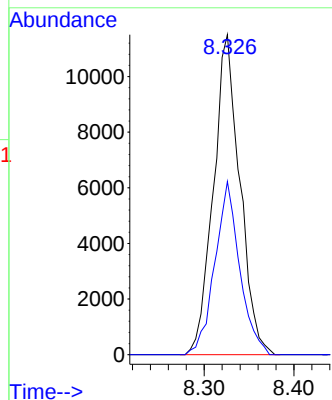
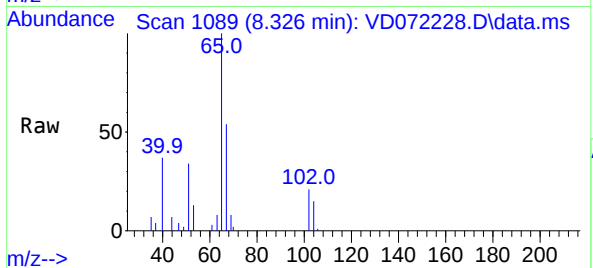
VNJ-242RE

Tgt Ion: 65 Resp: 23517

Ion Ratio Lower Upper

65 100

67 50.9 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: VD072228.D

Acq: 16 Mar 2022 19:53

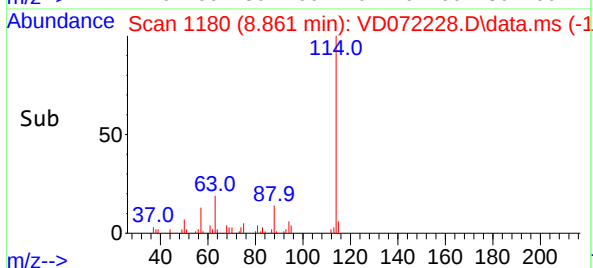
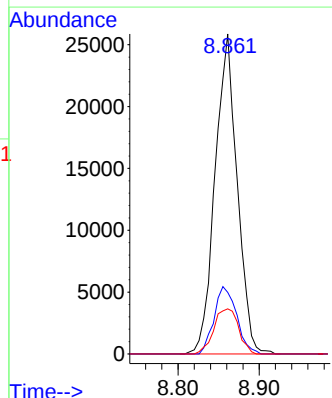
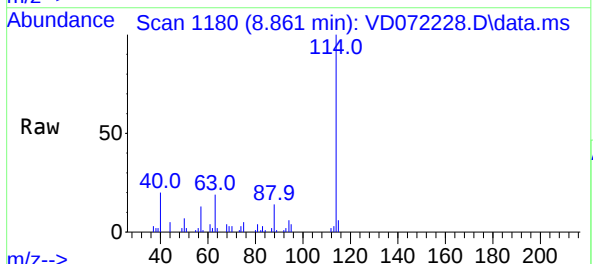
Tgt Ion: 114 Resp: 49040

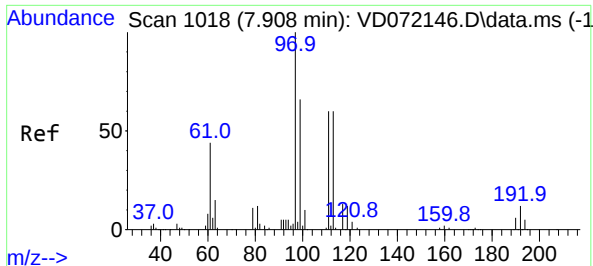
Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 14.1 0.0 33.2

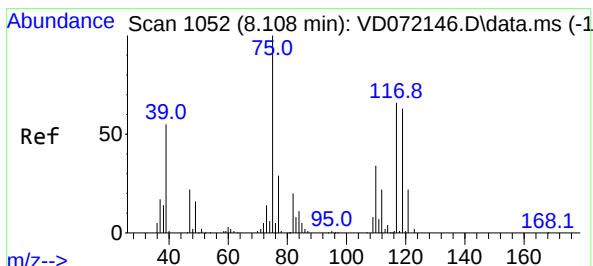
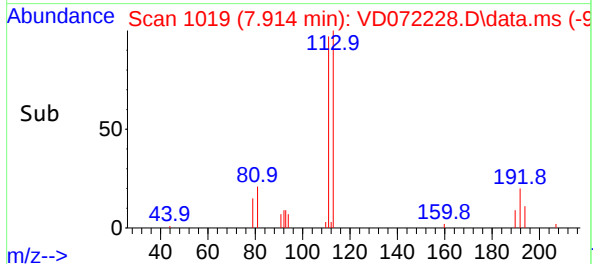
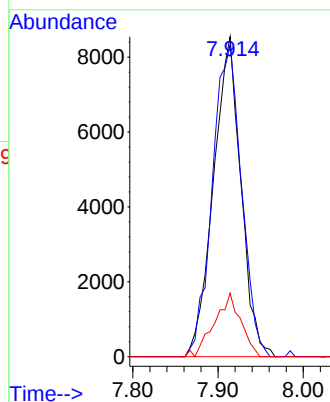
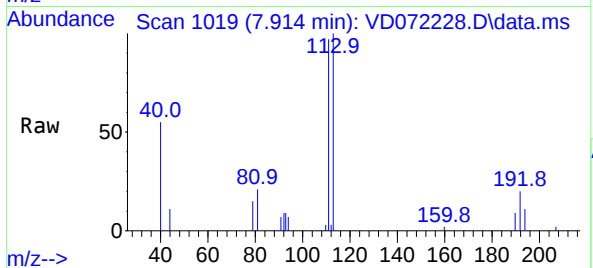




#35
Dibromofluoromethane
Concen: 55.422 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

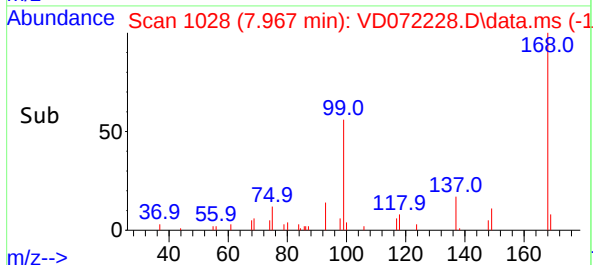
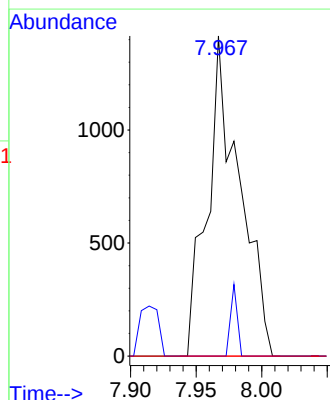
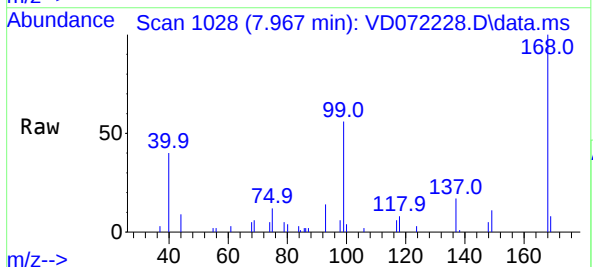
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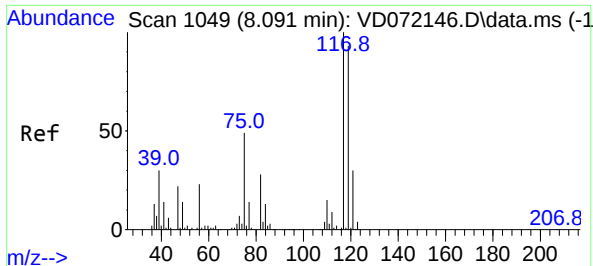
Tgt Ion:113 Resp: 19126
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 19.1 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.980 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 75 Resp: 2411
Ion Ratio Lower Upper
75 100
110 4.6 16.4 49.1#
77 0.0 24.2 36.2#

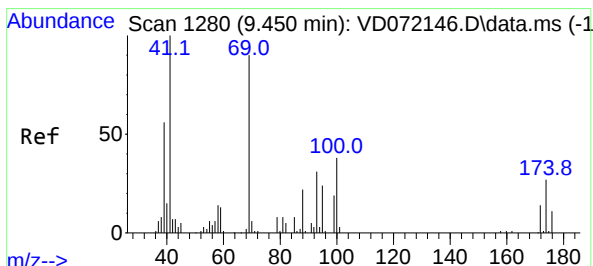
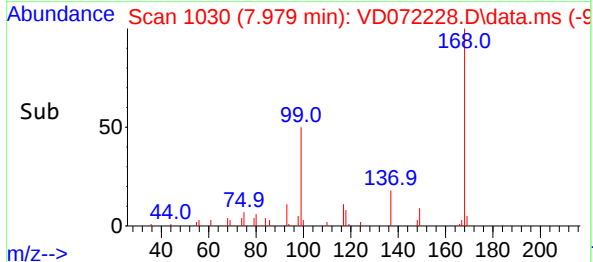
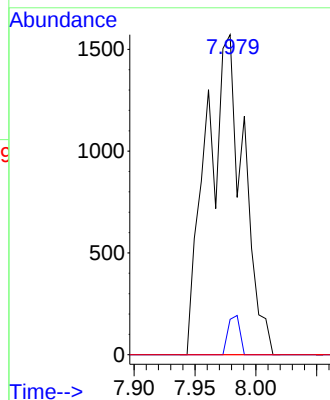
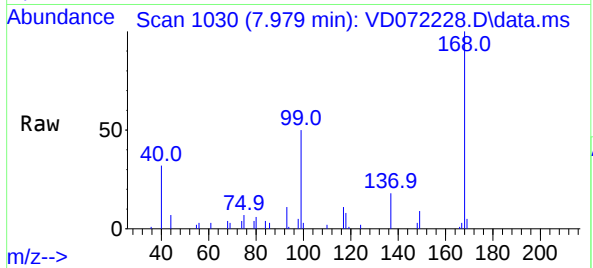




#38
Carbon Tetrachloride
Concen: 6.002 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

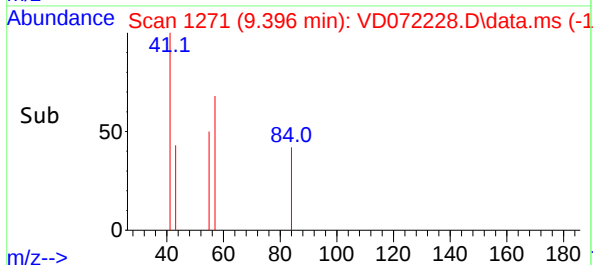
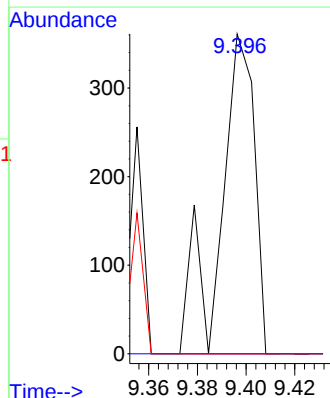
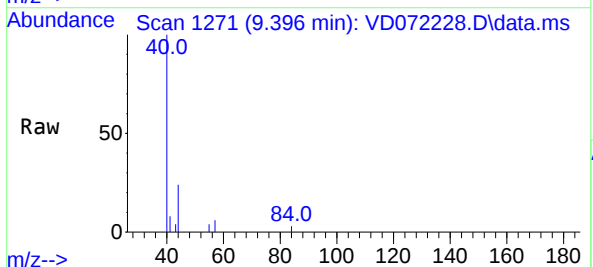
Instrument :
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ClientSampleId :
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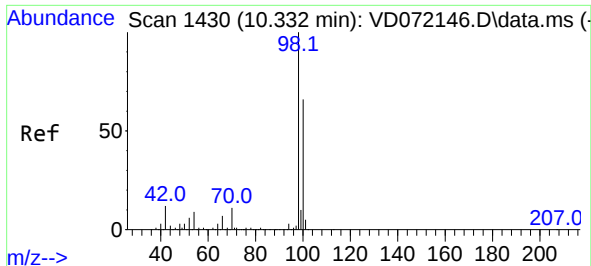
Tgt Ion:117 Resp: 3303
Ion Ratio Lower Upper
117 100
119 11.1 75.8 113.6#
121 0.0 24.5 36.7#



#48
Methyl methacrylate
Concen: 1.801 ug/l
RT: 9.396 min Scan# 1271
Delta R.T. -0.053 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 41 Resp: 354
Ion Ratio Lower Upper
41 100
69 0.0 56.7 85.1#
39 0.0 42.7 64.1#

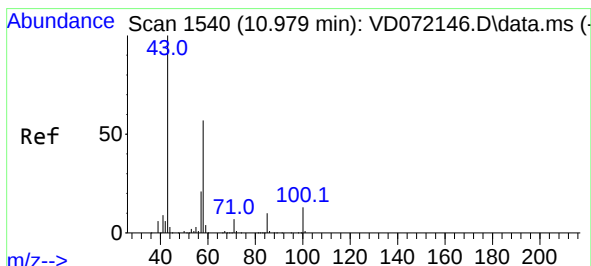
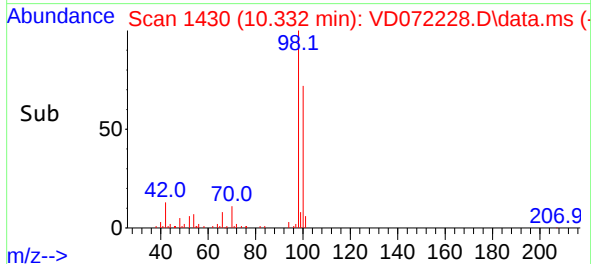
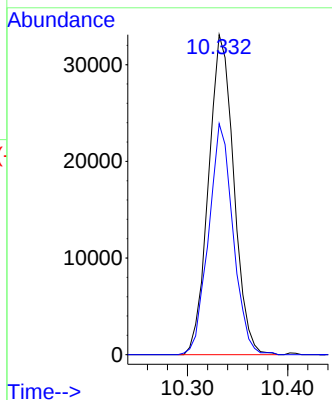
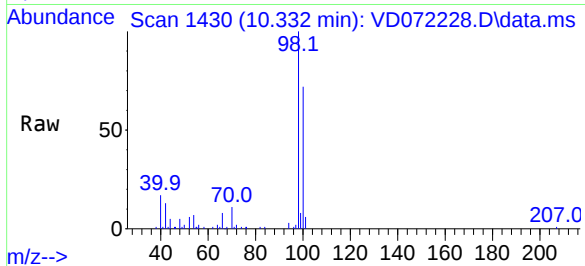




#50
Toluene-d8
Concen: 45.909 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

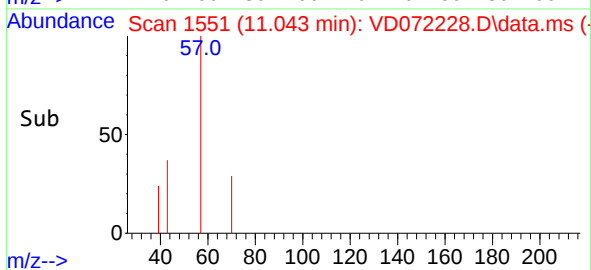
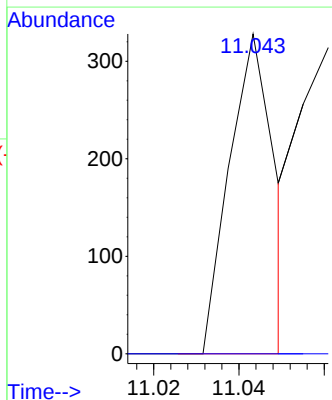
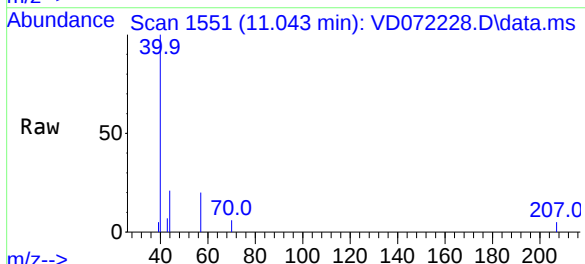
Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

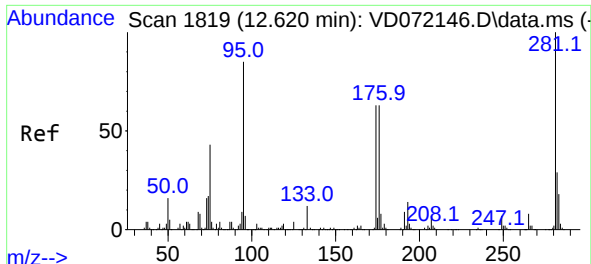
Tgt Ion: 98 Resp: 57930
Ion Ratio Lower Upper
98 100
100 70.0 52.4 78.6



#59
2-Hexanone
Concen: 1.634 ug/l
RT: 11.043 min Scan# 1551
Delta R.T. 0.064 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 43 Resp: 244
Ion Ratio Lower Upper
43 100
58 0.0 25.3 75.9#



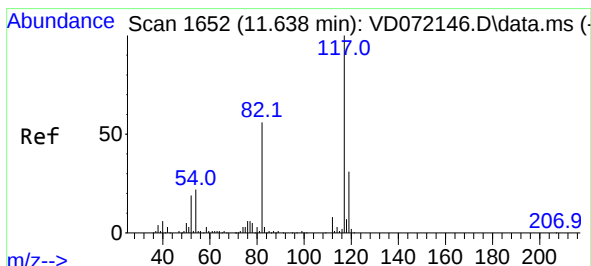
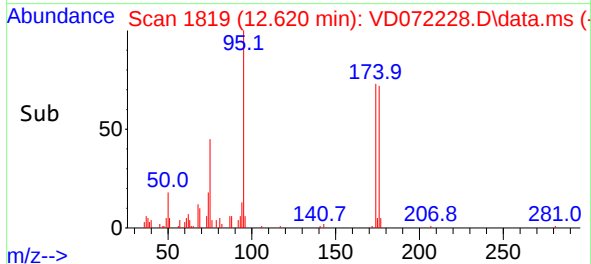
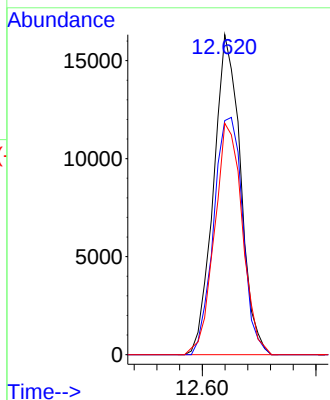
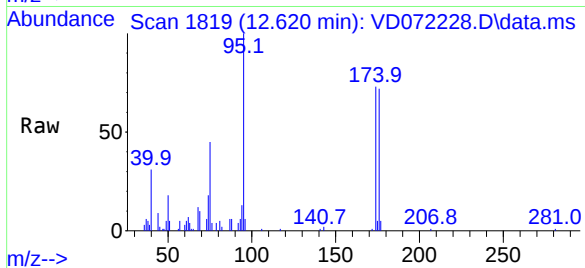


#62
4-Bromofluorobenzene
Concen: 54.750 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

Tgt Ion: 95 Resp: 26844

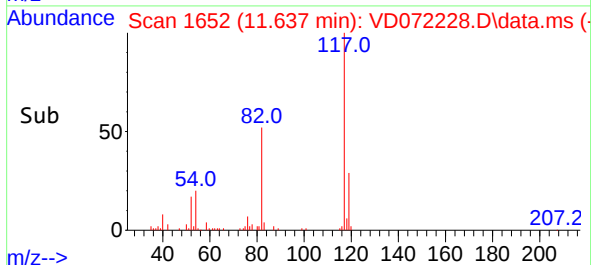
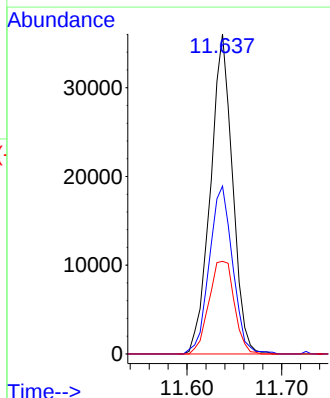
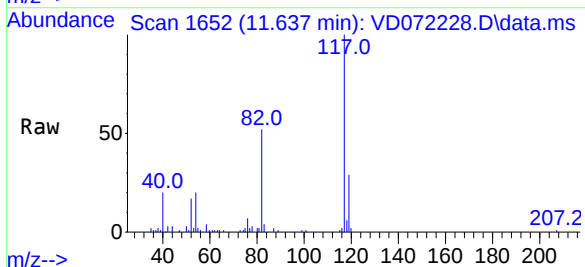
Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	152.8
176	74.8	0.0	145.4

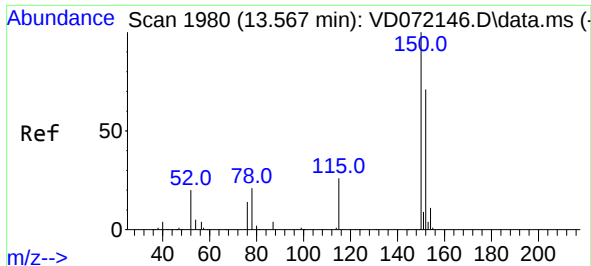


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 117 Resp: 58353

Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.3	67.9
119	28.9	26.6	40.0

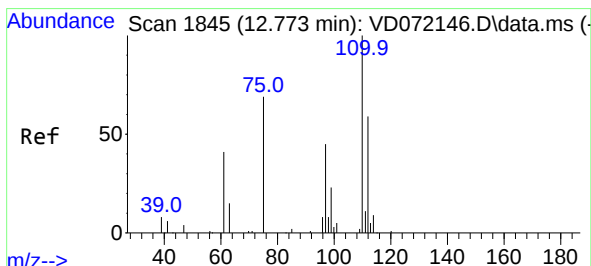
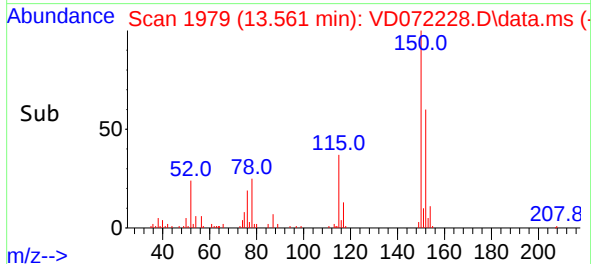
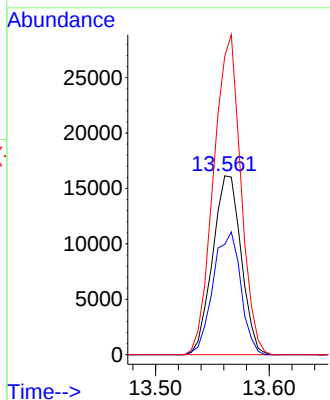
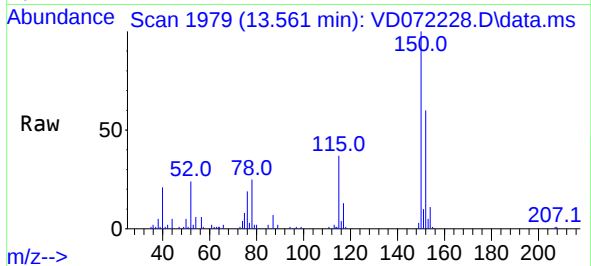




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

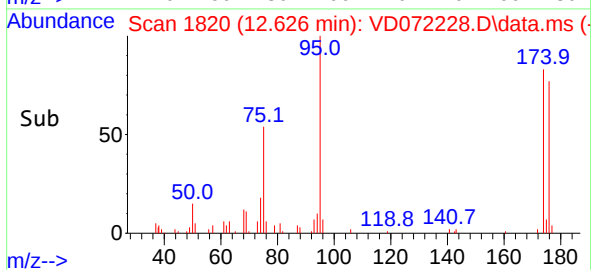
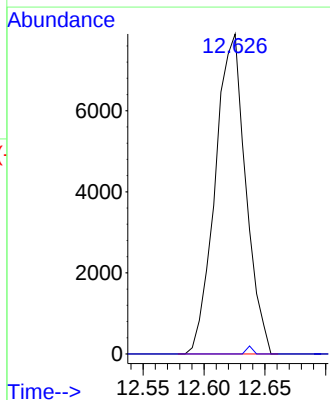
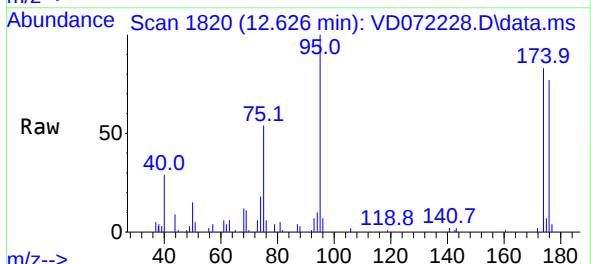
Instrument :
MSVOA_D
ClientSampleId :
VNJ-242RE

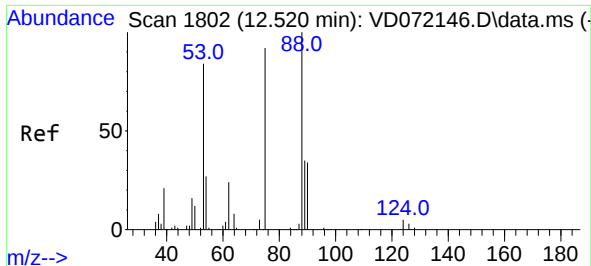
Tgt Ion:152 Resp: 28148
Ion Ratio Lower Upper
152 100
115 66.7 31.3 93.8
150 170.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.248 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072228.D
Acq: 16 Mar 2022 19:53

Tgt Ion: 75 Resp: 13739
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.785 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072228.D
 Acq: 16 Mar 2022 19:53

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-242RE

Tgt Ion: 75 Resp: 13739
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

