

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074164.D
 Acq On : 19 Aug 2022 22:47
 Operator : VA/SY
 Sample : N4258-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-21153

Quant Time: Aug 20 01:30:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

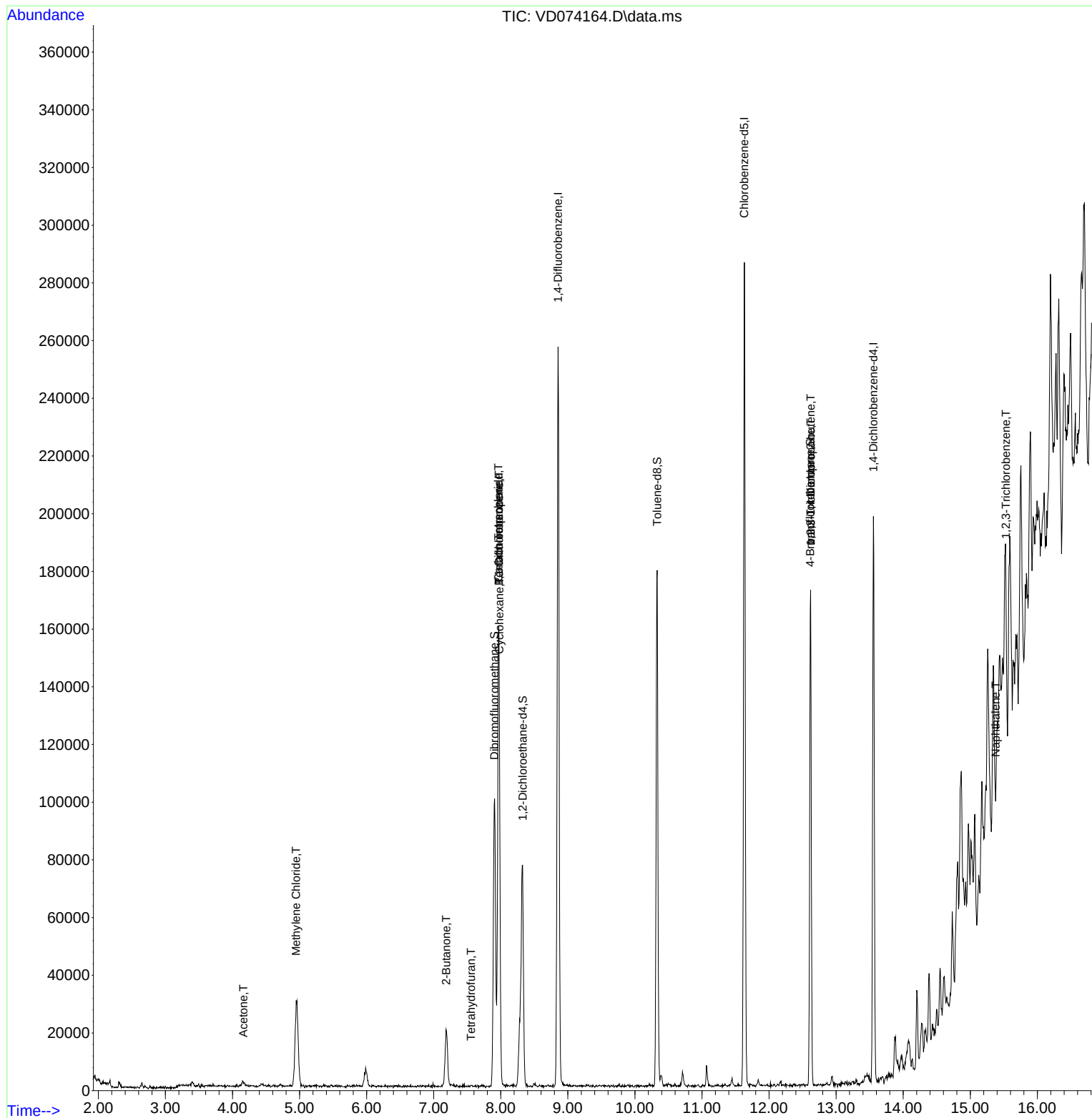
Internal Standards						
1) Pentafluorobenzene	7.973	168	115513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	215687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	165807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	52949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	60540	73.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.560%	
35) Dibromofluoromethane	7.903	113	74038	71.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.680%	
50) Toluene-d8	10.332	98	122940	40.562	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 81.120%	
62) 4-Bromofluorobenzene	12.614	95	56018	34.709	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 69.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	983	Below Cal	# 99	
11) Tert butyl alcohol	5.226	59	145	Below Cal	# 74	
16) Acetone	4.162	43	3044	12.232	ug/l	90
20) Methylene Chloride	4.950	84	23297	3.930	ug/l	92
25) 2-Butanone	7.185	43	659	1.623	ug/l	# 52
29) Tetrahydrofuran	7.556	42	251	1.019	ug/l	# 38
31) Cyclohexane	7.979	56	3100	1.267	ug/l	# 26
36) 1,1-Dichloropropene	7.973	75	10238	4.637	ug/l	# 53
38) Carbon Tetrachloride	7.967	117	13279	6.082	ug/l	# 18
76) 1,2,3-Trichloropropane	12.620	75	28618	52.191	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	28618	136.570	ug/l	# 7
95) Naphthalene	15.379	128	5332	2.887	ug/l	# 43
96) 1,2,3-Trichlorobenzene	15.532	180	2569	3.195	ug/l	# 17

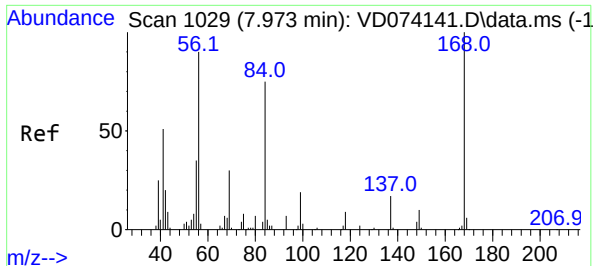
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
Data File : VD074164.D
Acq On : 19 Aug 2022 22:47
Operator : VA/SY
Sample : N4258-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

Quant Time: Aug 20 01:30:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 19 09:25:06 2022
Response via : Initial Calibration

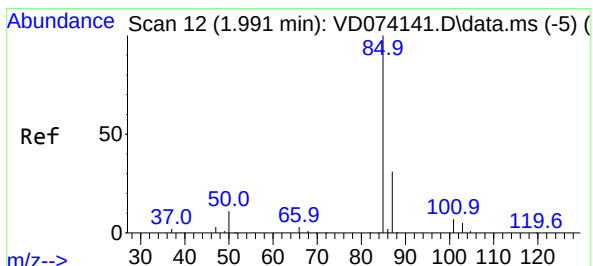
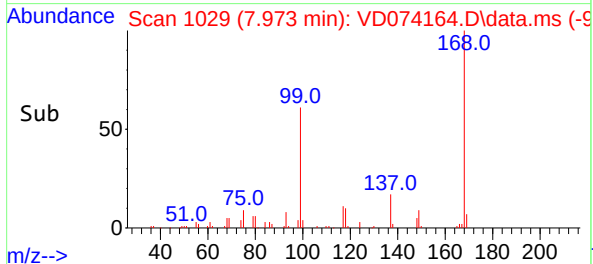
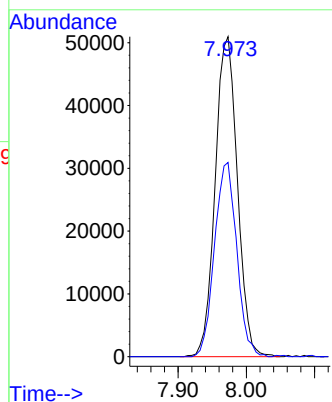
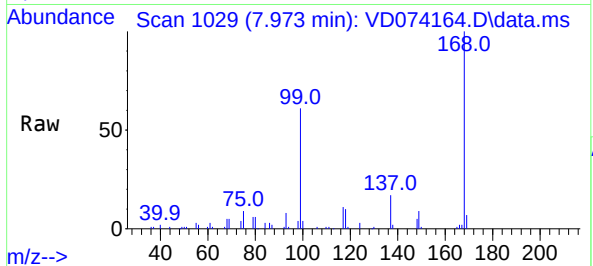




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

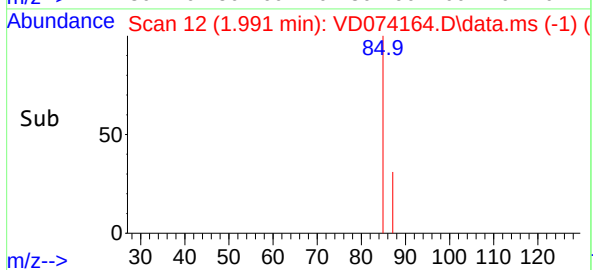
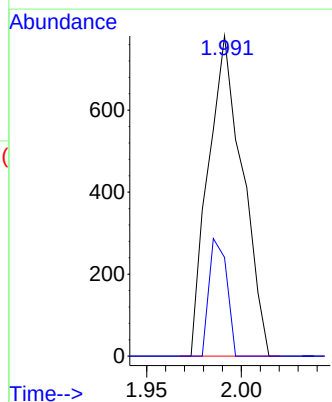
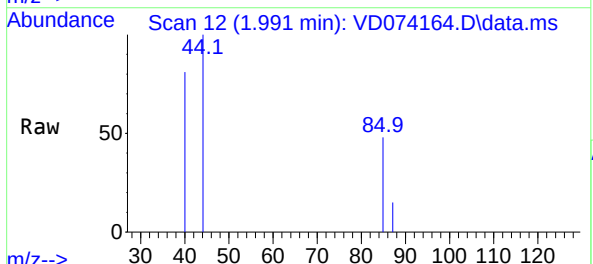
Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

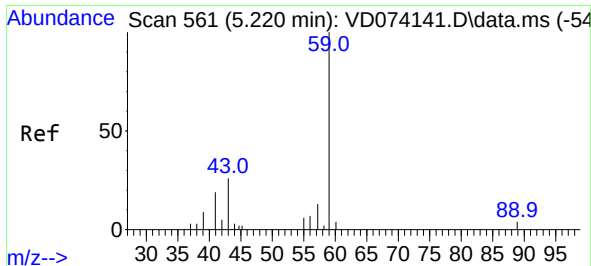
Tgt Ion:168 Resp: 115513
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Tgt Ion: 85 Resp: 983
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.0

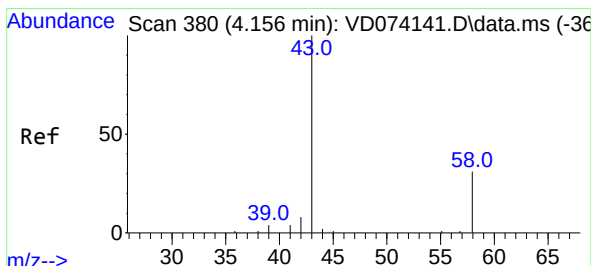
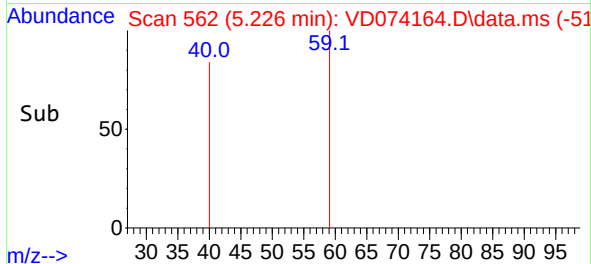
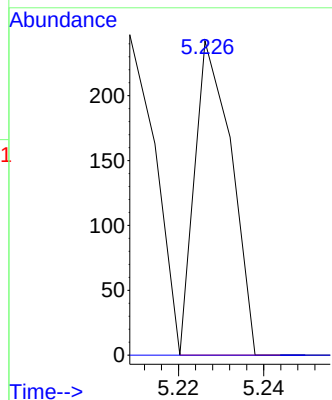
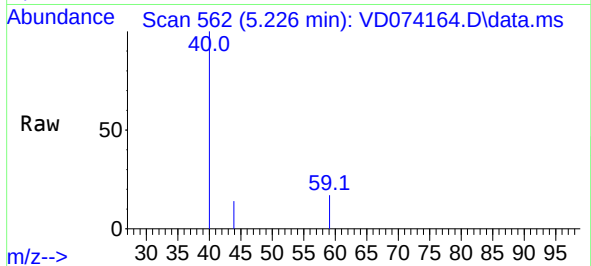




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

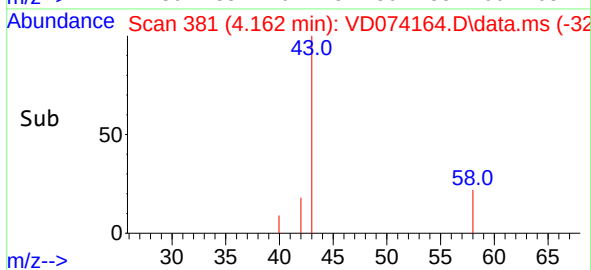
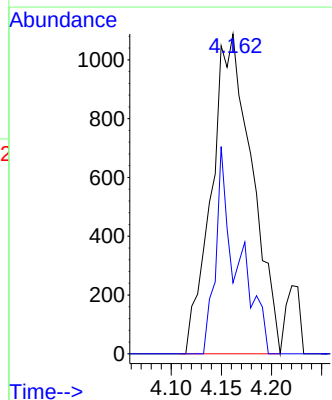
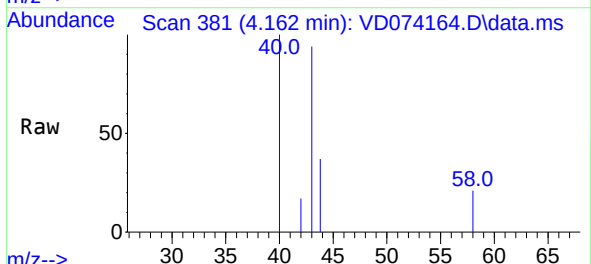
Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

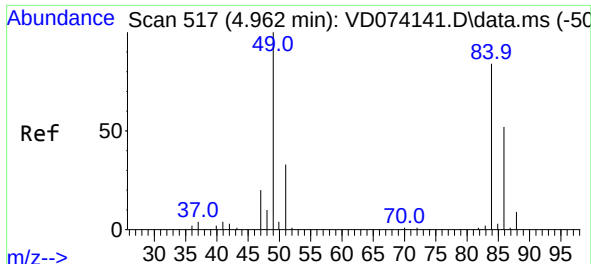
Tgt Ion: 59 Resp: 145
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 12.232 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

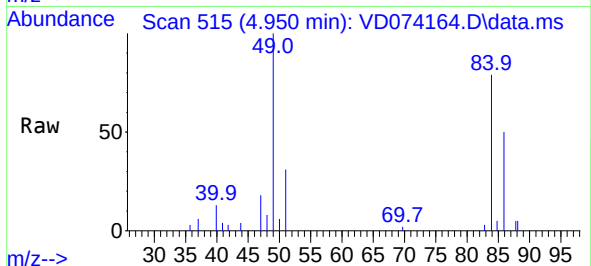
Tgt Ion: 43 Resp: 3044
Ion Ratio Lower Upper
43 100
58 22.2 22.1 33.1





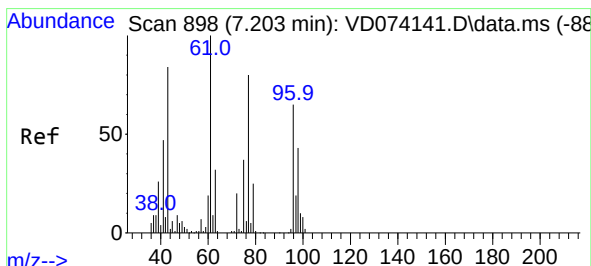
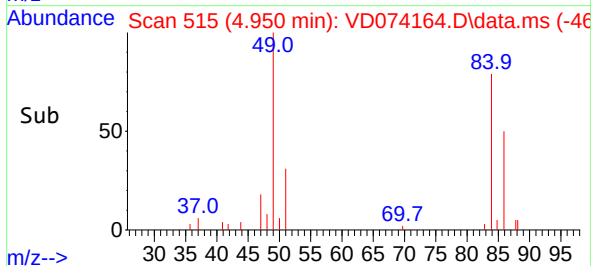
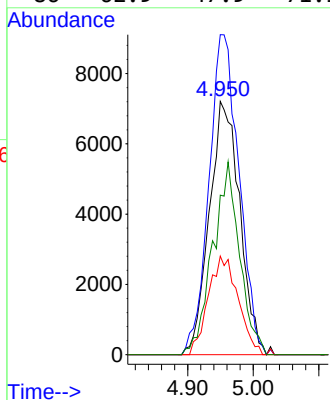
#20
Methylene Chloride
Concen: 3.930 ug/l
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Instrument :
MSVOA_D
ClientSampleId :
RBR-21153



Tgt Ion: 84 Resp: 23297

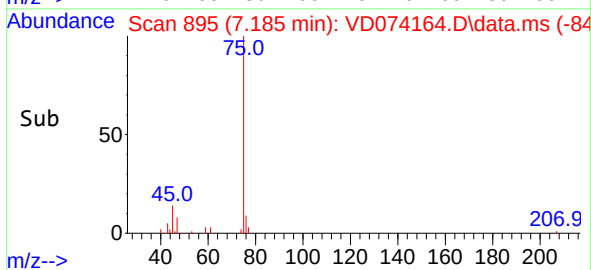
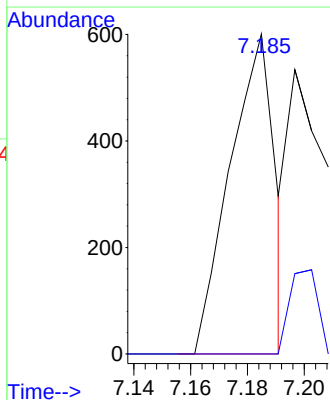
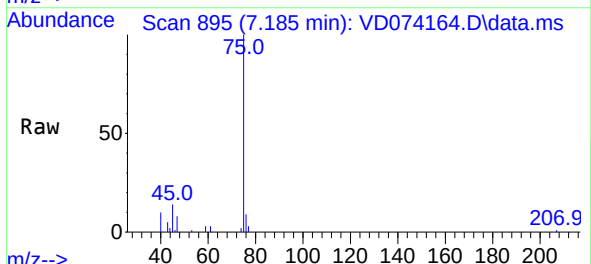
Ion	Ratio	Lower	Upper
84	100		
49	126.3	112.8	169.2
51	38.9	32.6	48.8
86	62.9	47.9	71.9

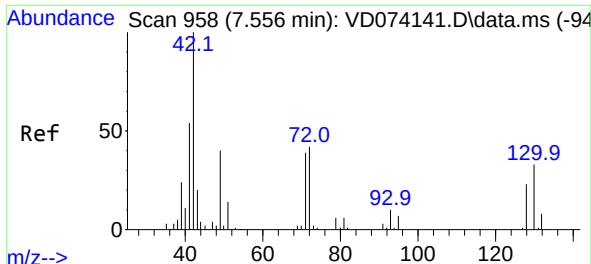


#25
2-Butanone
Concen: 1.623 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Tgt Ion: 43 Resp: 659

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 1.019 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074164.D

Acq: 19 Aug 2022 22:47

Instrument :

MSVOA_D

ClientSampleId :

RBR-21153

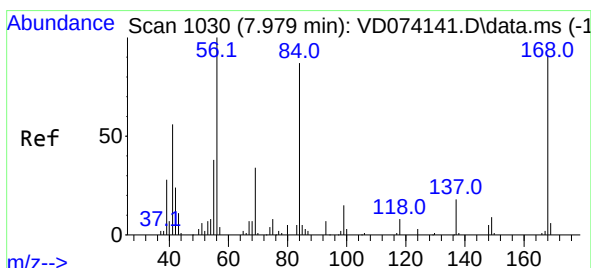
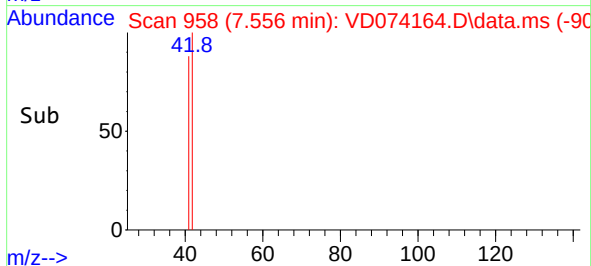
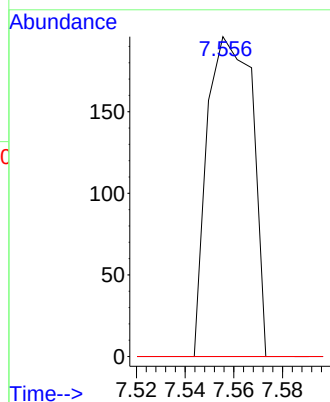
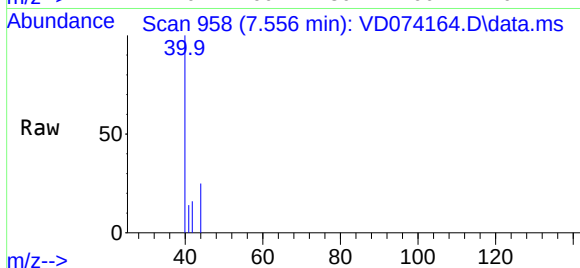
Tgt Ion: 42 Resp: 251

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 1.267 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD074164.D

Acq: 19 Aug 2022 22:47

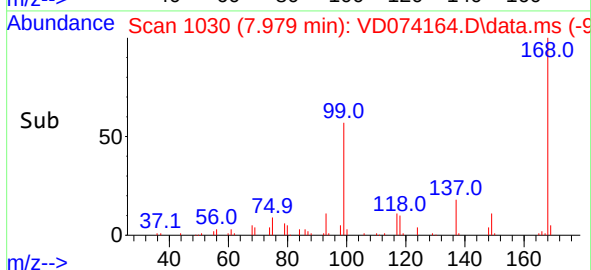
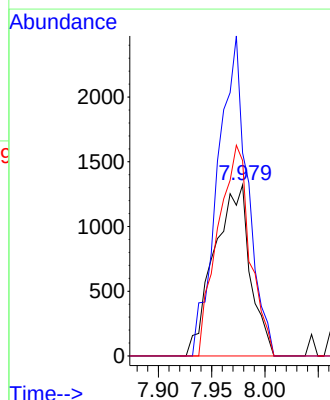
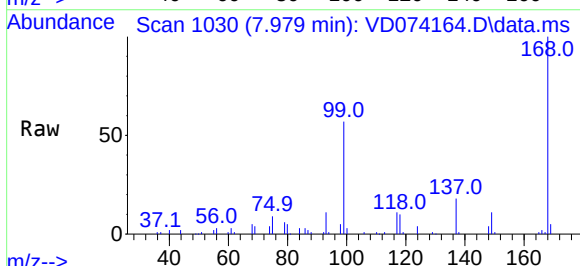
Tgt Ion: 56 Resp: 3100

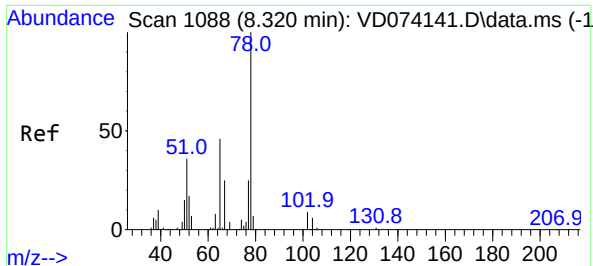
Ion Ratio Lower Upper

56 100

69 118.7 25.4 38.2#

84 114.2 63.0 94.4#

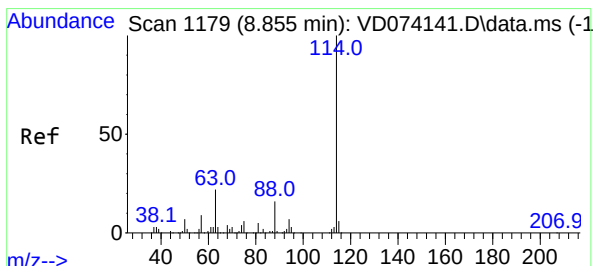
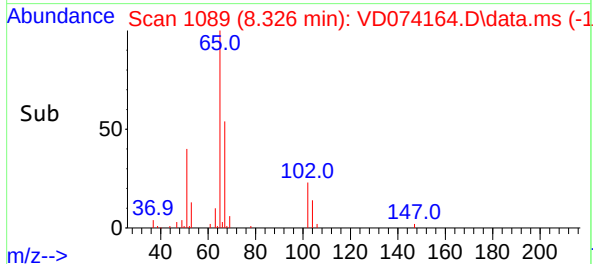
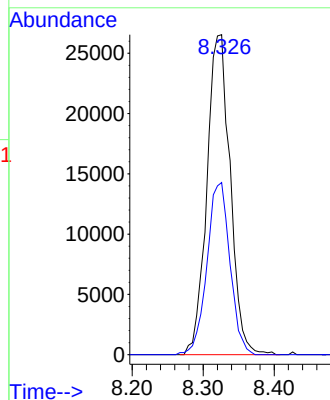
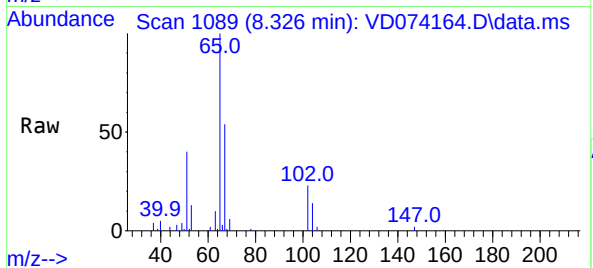




#33
1,2-Dichloroethane-d4
Concen: 73.280 ug/l
RT: 8.326 min Scan# 1088
Delta R.T. 0.006 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

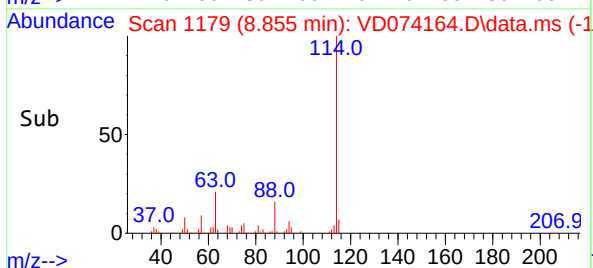
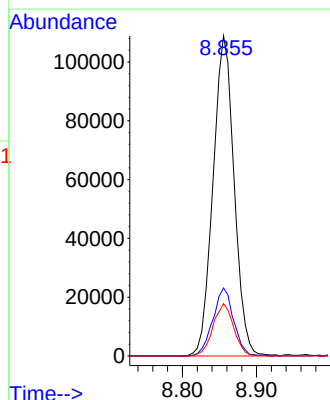
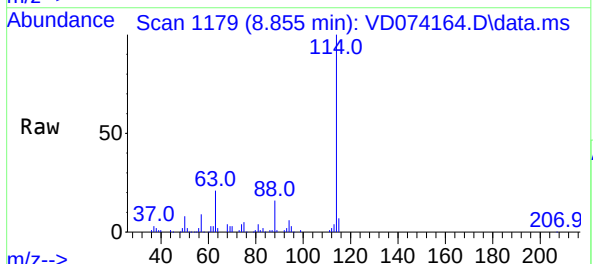
Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

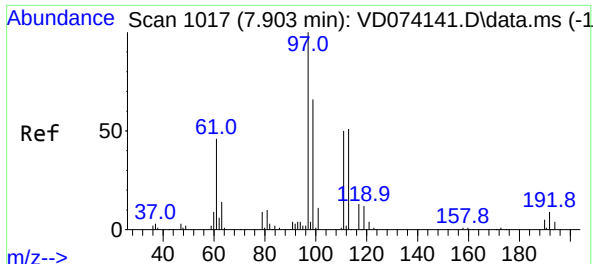
Tgt Ion: 65 Resp: 60540
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Tgt Ion:114 Resp: 215687
Ion Ratio Lower Upper
114 100
63 21.3 0.0 46.6
88 16.3 0.0 33.2

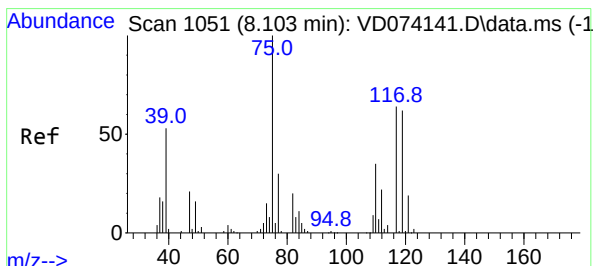
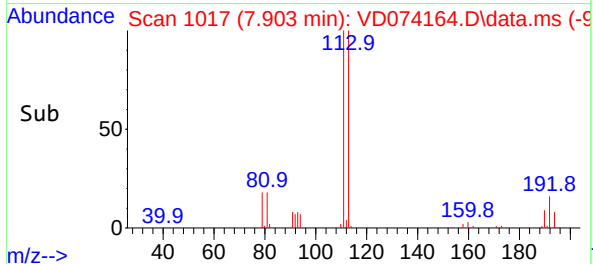
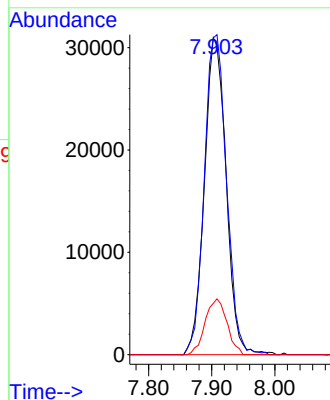
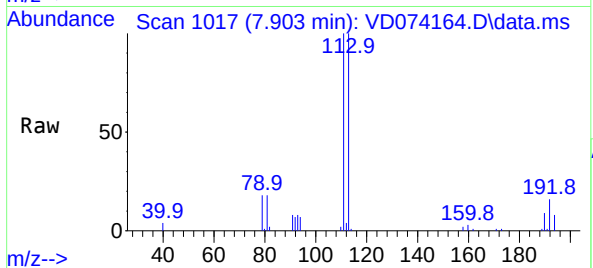




#35
Dibromofluoromethane
Concen: 71.844 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

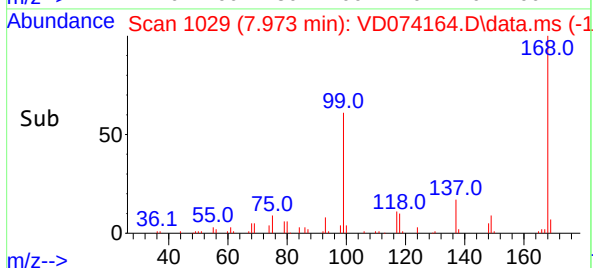
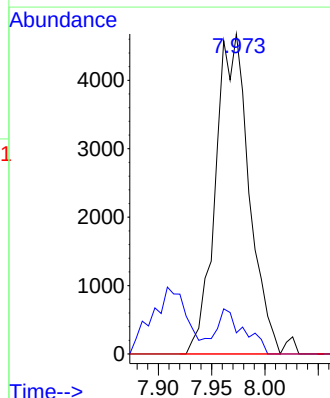
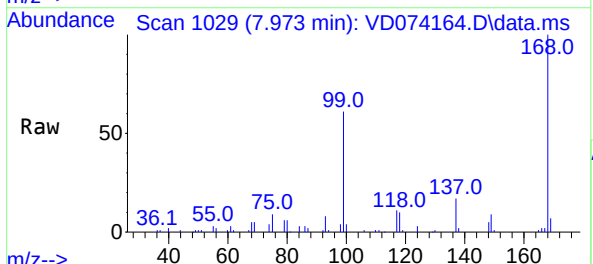
Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

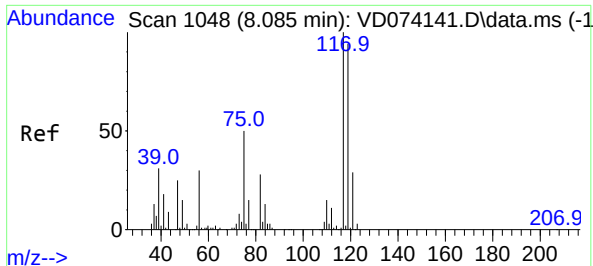
Tgt Ion:	113	Resp:	74038
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	17.6	14.6	21.8



#36
1,1-Dichloropropene
Concen: 4.637 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.130 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

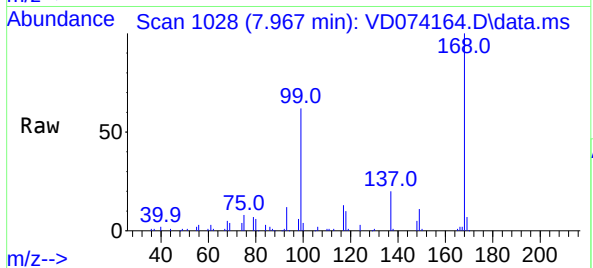
Tgt Ion:	75	Resp:	10238
Ion	Ratio	Lower	Upper
75	100		
110	10.7	16.4	49.1#
77	0.0	24.2	36.2#



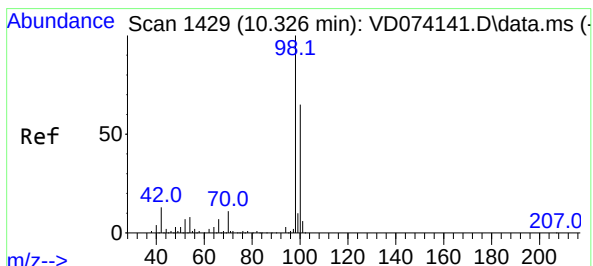
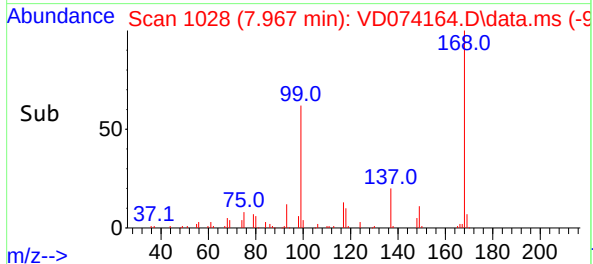
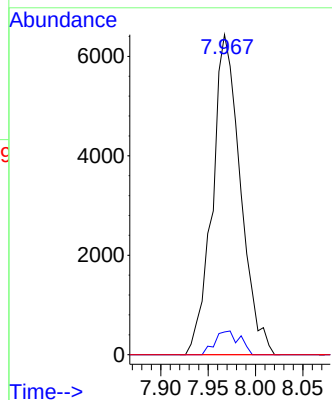


#38
Carbon Tetrachloride
Concen: 6.082 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.118 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

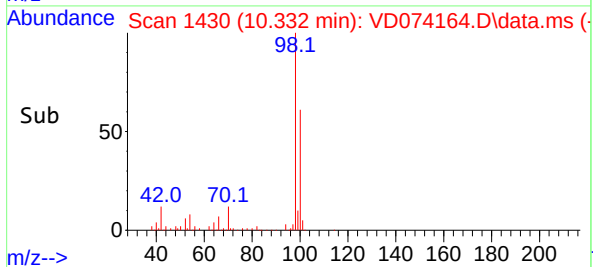
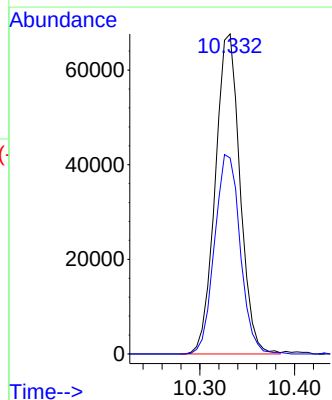
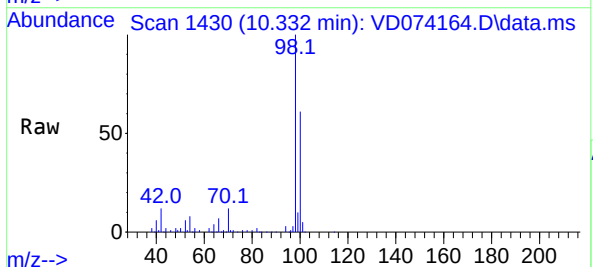


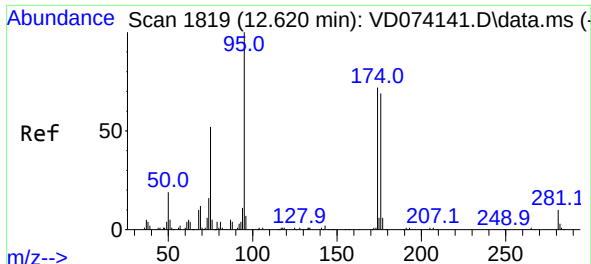
Tgt Ion:117 Resp: 13279
Ion Ratio Lower Upper
117 100
119 7.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 40.562 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Tgt Ion: 98 Resp: 122940
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6

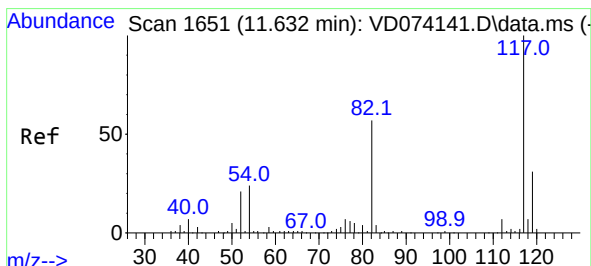
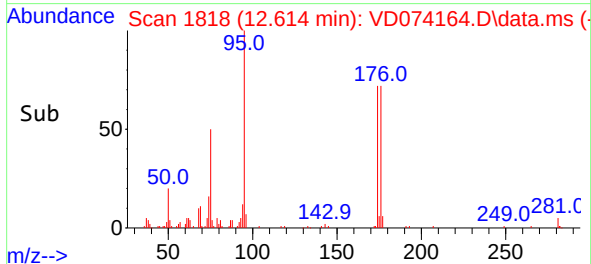
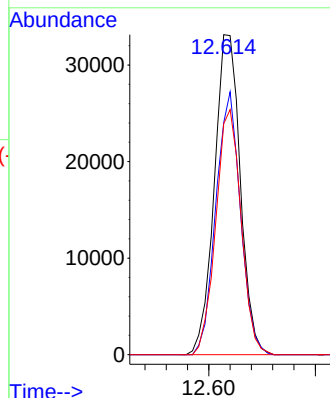
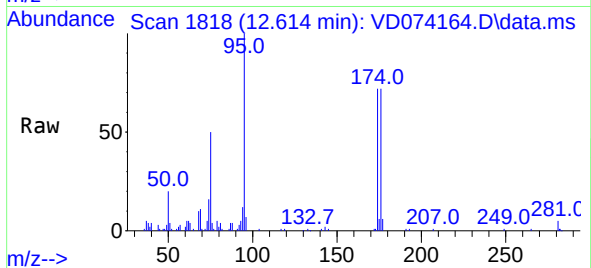




#62
4-Bromofluorobenzene
Concen: 34.709 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

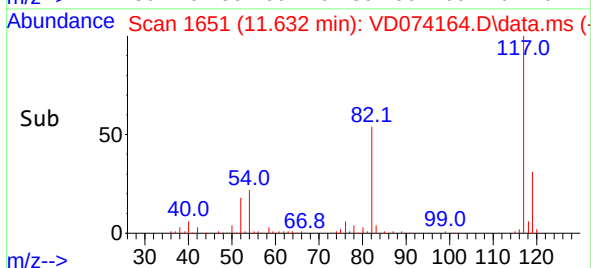
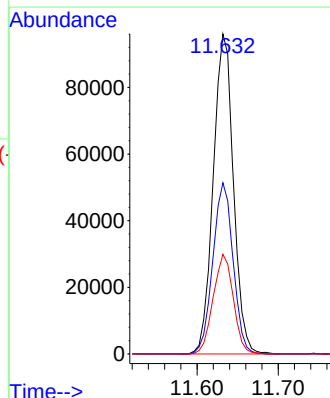
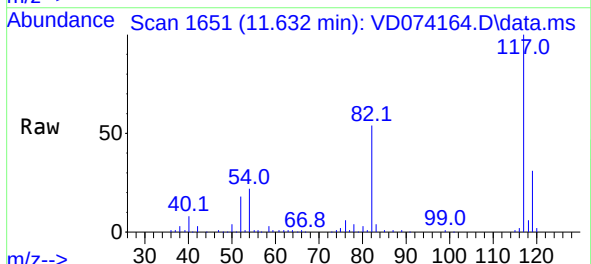
Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

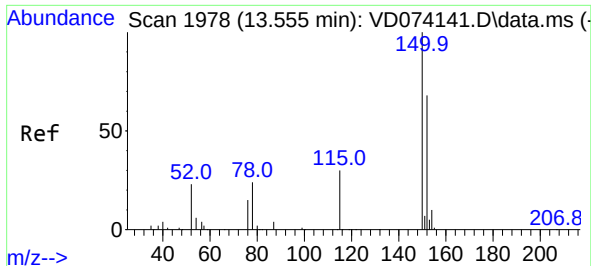
Tgt Ion:	95	Resp:	56018
Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	152.8
176	74.5	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Tgt Ion:	117	Resp:	165807
Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.3	67.9
119	31.1	26.6	40.0

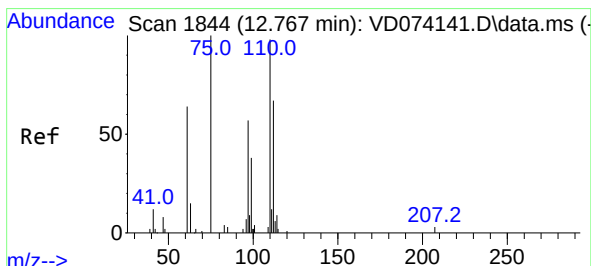
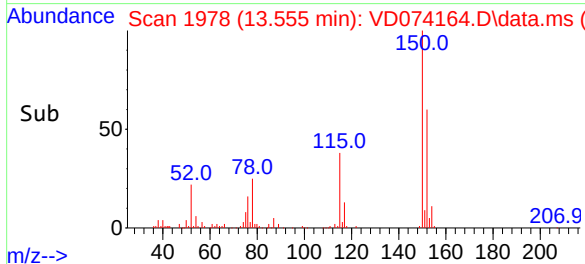
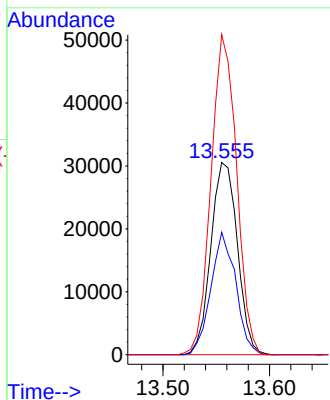
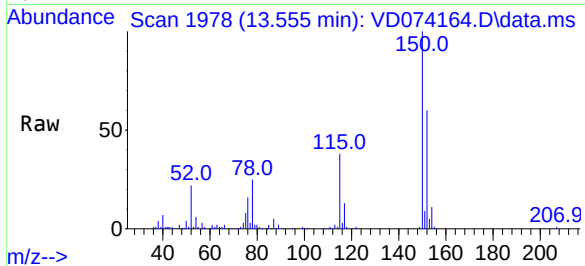




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

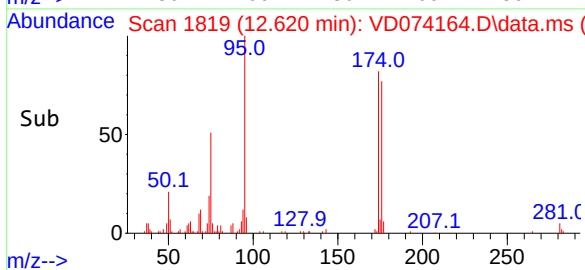
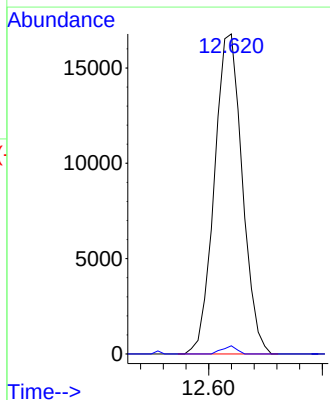
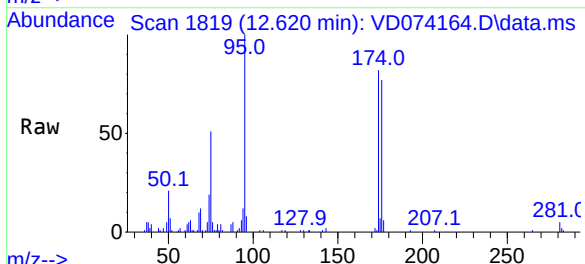
Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

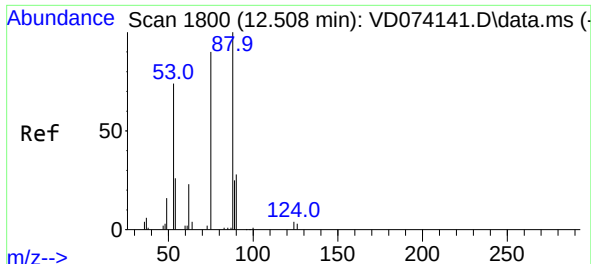
Tgt Ion:152 Resp: 52949
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 160.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 52.191 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

Tgt Ion: 75 Resp: 28618
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

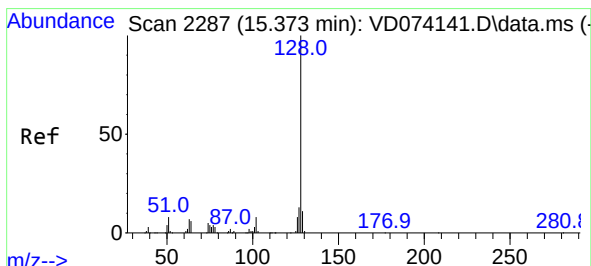
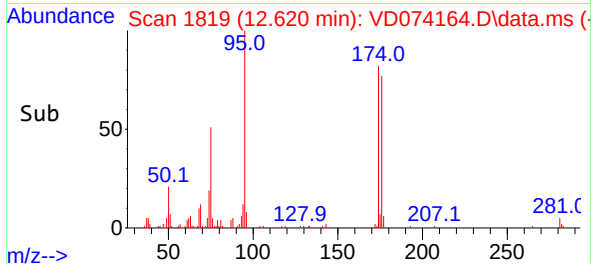
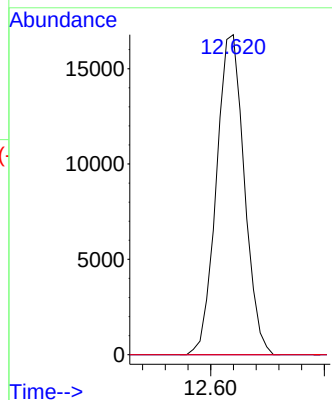
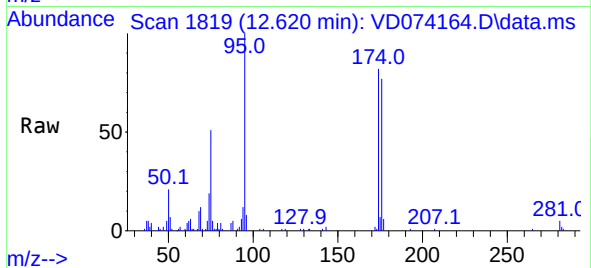




#81
trans-1,4-Dichloro-2-butene
Concen: 136.570 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.112 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

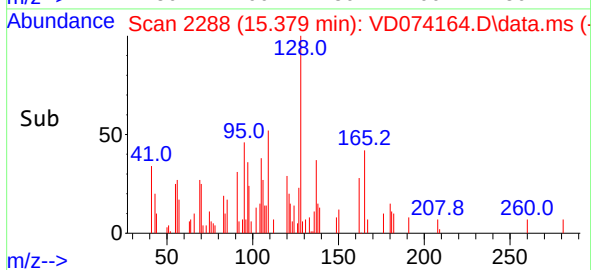
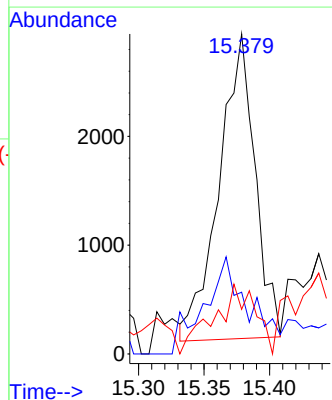
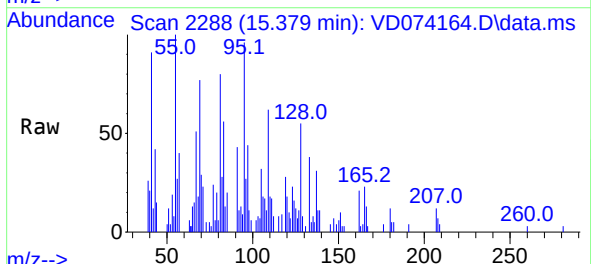
Instrument :
MSVOA_D
ClientSampleId :
RBR-21153

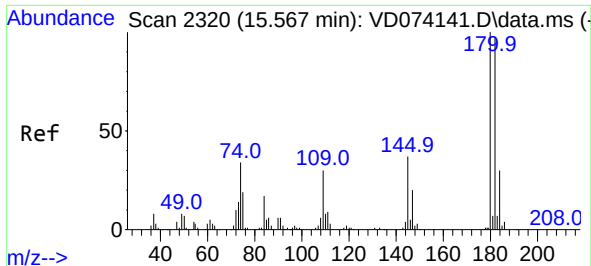
Tgt Ion: 75 Resp: 28618
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 2.887 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. 0.006 min
Lab File: VD074164.D
Acq: 19 Aug 2022 22:47

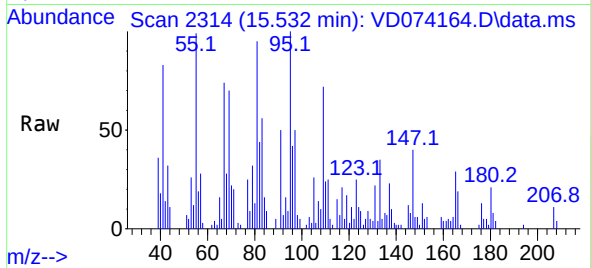
Tgt Ion:128 Resp: 5332
Ion Ratio Lower Upper
128 100
127 40.0 10.3 15.5#
129 26.3 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.195 ug/l
 RT: 15.532 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: VD074164.D
 Acq: 19 Aug 2022 22:47

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-21153



Tgt Ion:180 Resp: 2569
 Ion Ratio Lower Upper
 180 100
 182 6.9 47.6 142.9#
 145 68.7 17.1 51.3#

