

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074163.D
 Acq On : 19 Aug 2022 22:18
 Operator : VA/SY
 Sample : N4240-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-081722

Quant Time: Aug 20 01:30:14 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)

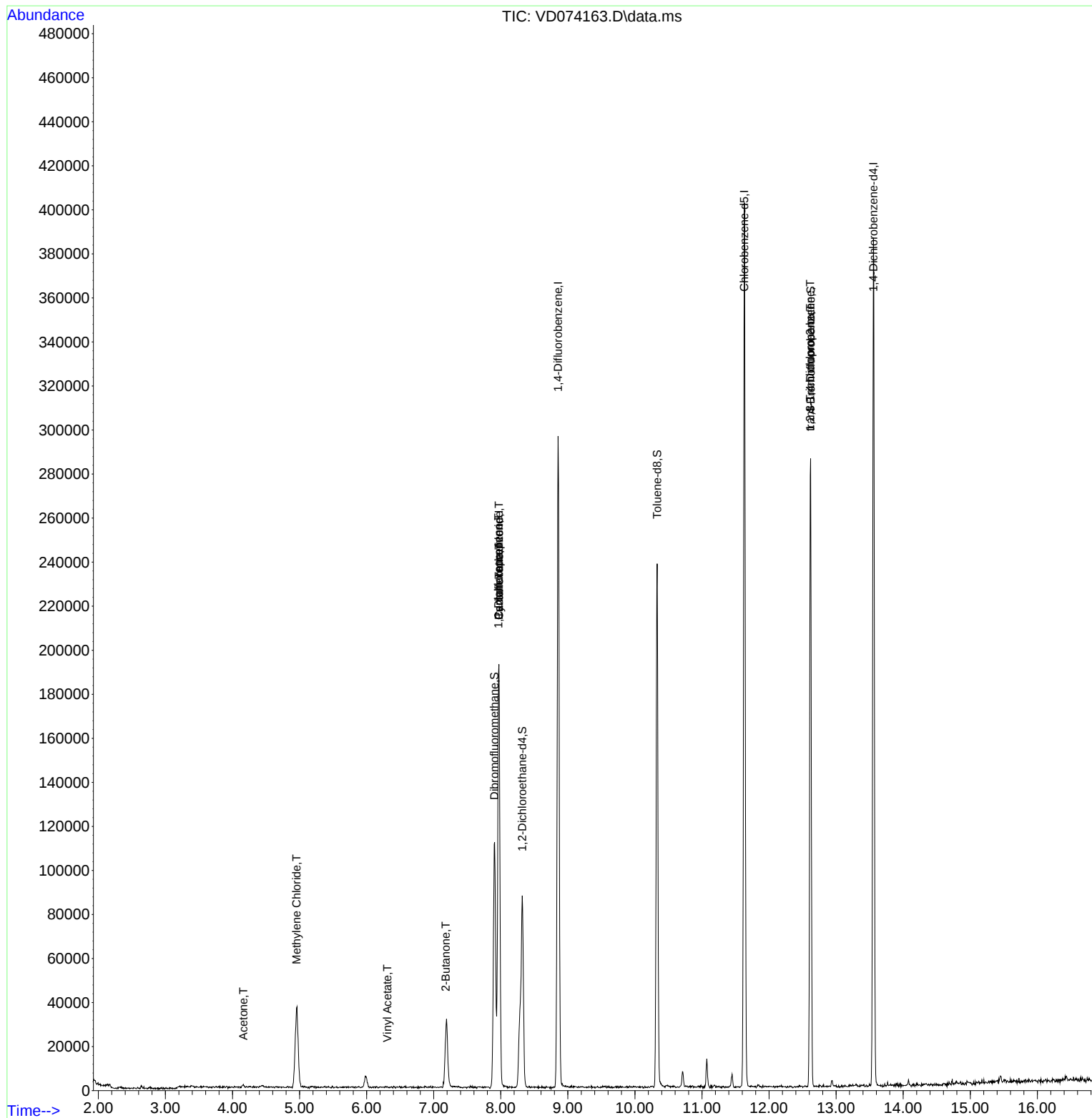
Internal Standards						
1) Pentafluorobenzene	7.973	168	140261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	250284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	226135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	102396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	67795	67.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.100%	
35) Dibromofluoromethane	7.902	113	80889	67.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 134.760%	
50) Toluene-d8	10.332	98	162571	47.111	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.220%	
62) 4-Bromofluorobenzene	12.620	95	95142	50.802	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	445	Below Cal		86
11) Tert butyl alcohol	5.232	59	73	Below Cal	#	74
16) Acetone	4.161	43	1619	5.358	ug/l #	61
20) Methylene Chloride	4.955	84	27777	3.622	ug/l	85
23) Vinyl Acetate	6.308	43	58	7.599	ug/l #	75
25) 2-Butanone	7.179	43	1827	3.705	ug/l #	52
31) Cyclohexane	7.973	56	3331	1.121	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	12010	4.688	ug/l #	51
38) Carbon Tetrachloride	7.973	117	15310	6.043	ug/l #	18
76) 1,2,3-Trichloropropane	12.614	75	48582	45.815	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	48582	119.885	ug/l #	7

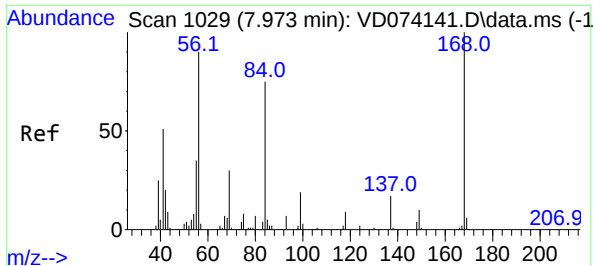
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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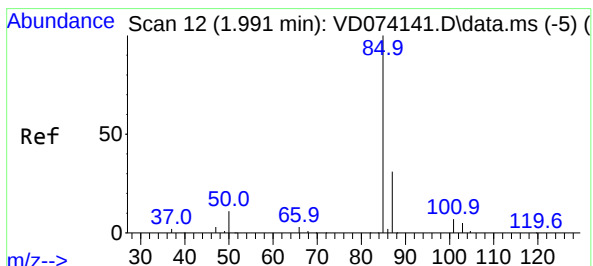
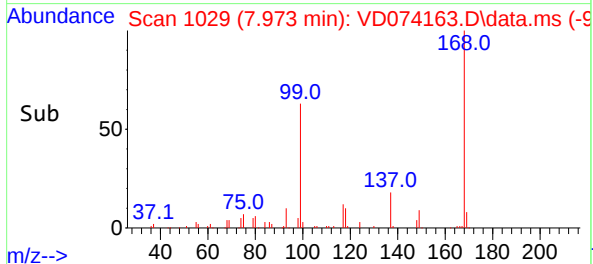
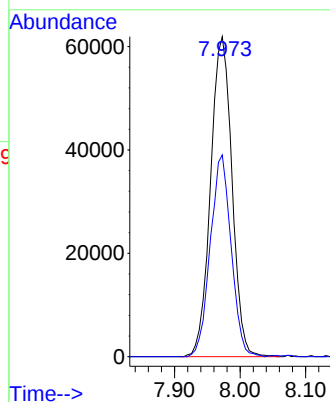
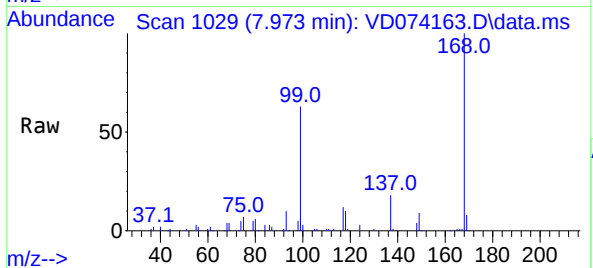




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

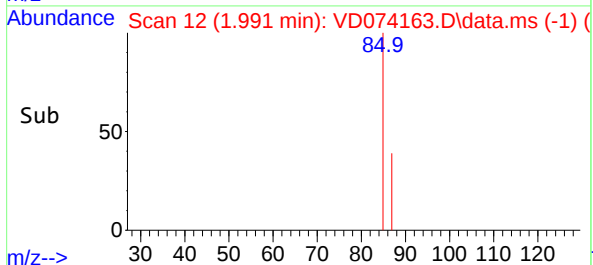
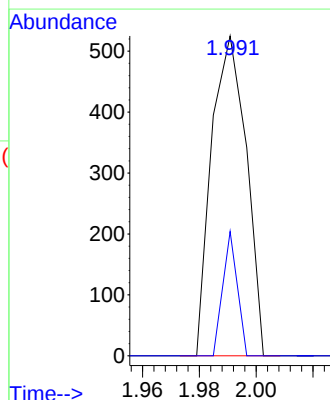
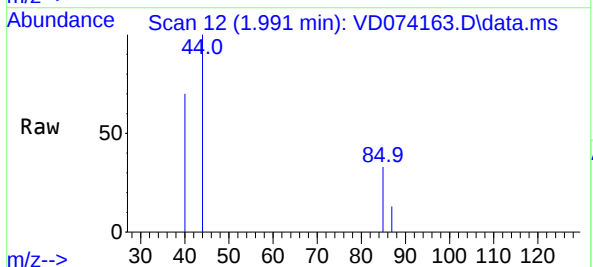
Instrument :
MSVOA_D
ClientSampleId :
TR-06-081722

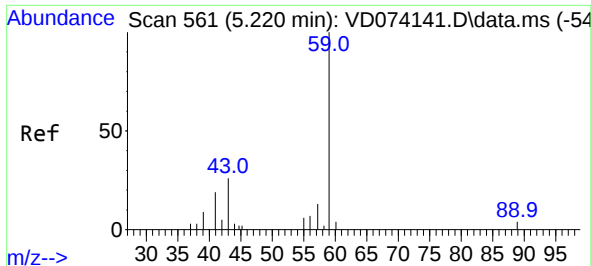
Tgt Ion:168 Resp: 140261
Ion Ratio Lower Upper
168 100
99 63.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion: 85 Resp: 445
Ion Ratio Lower Upper
85 100
87 38.9 15.7 47.0

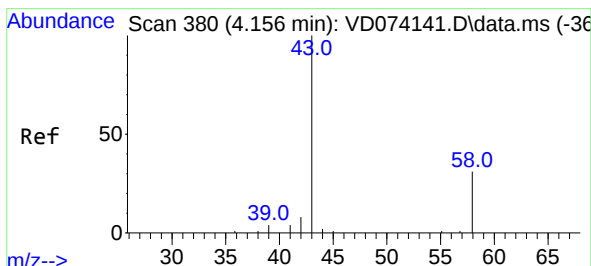
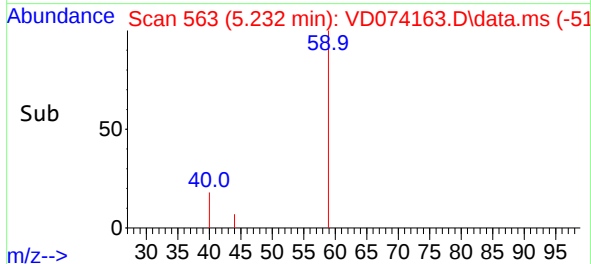
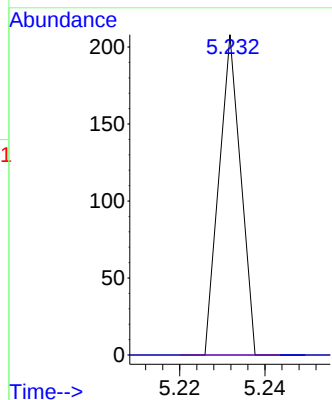
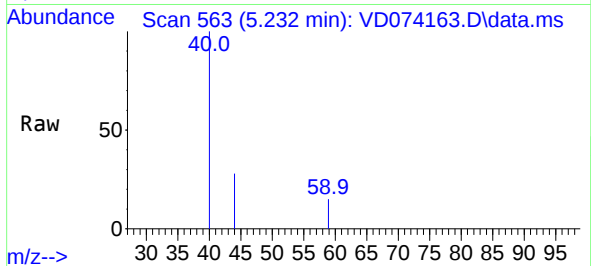




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

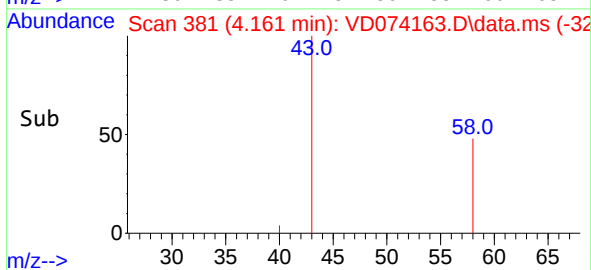
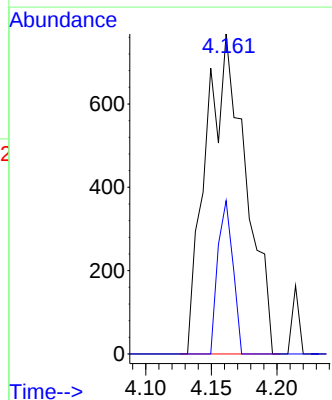
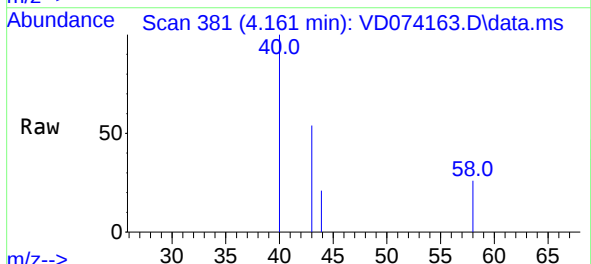
Instrument :
MSVOA_D
ClientSampleId :
TR-06-081722

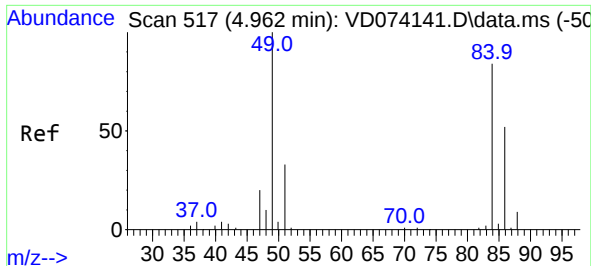
Tgt Ion: 59 Resp: 73
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 5.358 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion: 43 Resp: 1619
Ion Ratio Lower Upper
43 100
58 47.9 22.1 33.1#



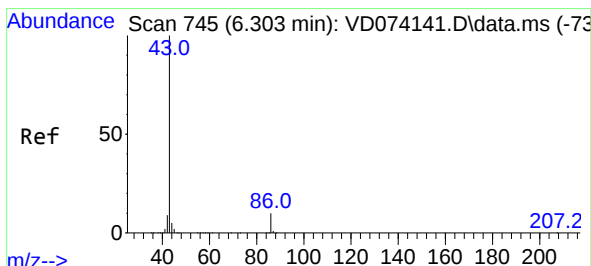
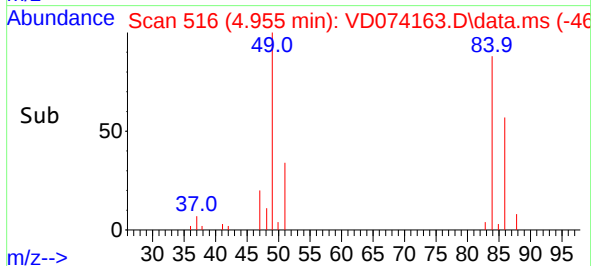
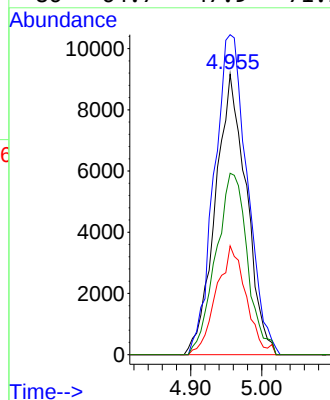
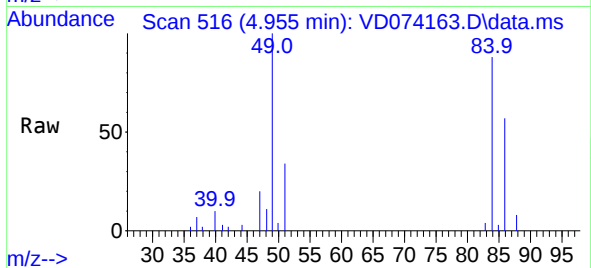


#20
Methylene Chloride
Concen: 3.622 ug/l
RT: 4.955 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Instrument :
MSVOA_D
ClientSampleId :
TR-06-081722

Tgt Ion: 84 Resp: 27777

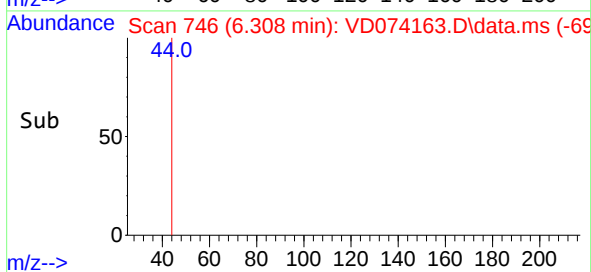
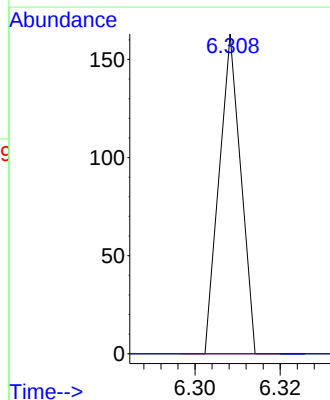
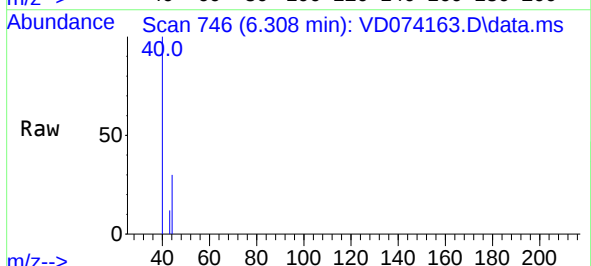
Ion	Ratio	Lower	Upper
84	100		
49	114.1	112.8	169.2
51	38.8	32.6	48.8
86	64.7	47.9	71.9

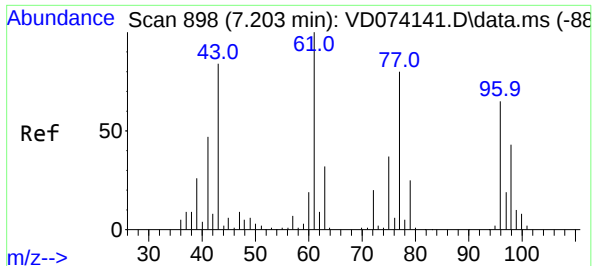


#23
Vinyl Acetate
Concen: 7.599 ug/l
RT: 6.308 min Scan# 746
Delta R.T. 0.005 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion: 43 Resp: 58

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

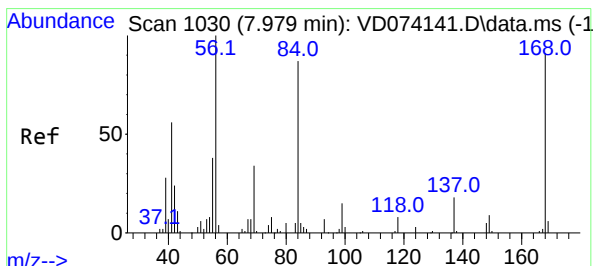
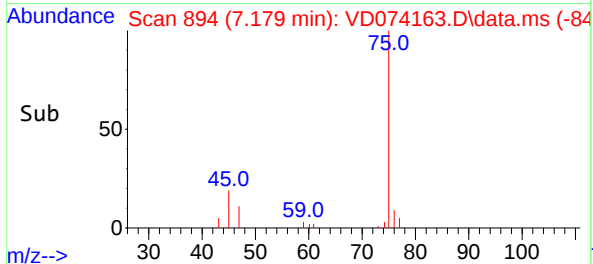
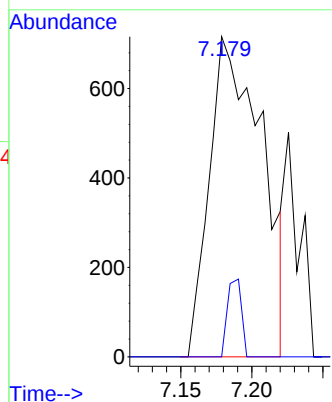
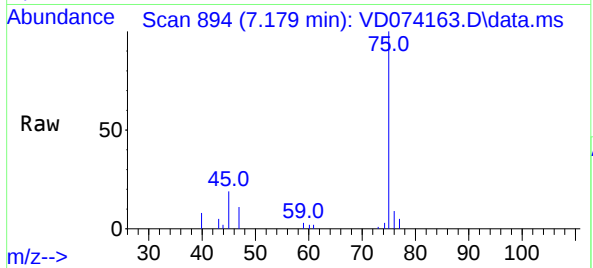




#25
2-Butanone
Concen: 3.705 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.024 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

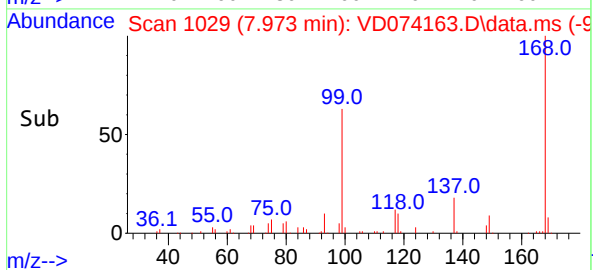
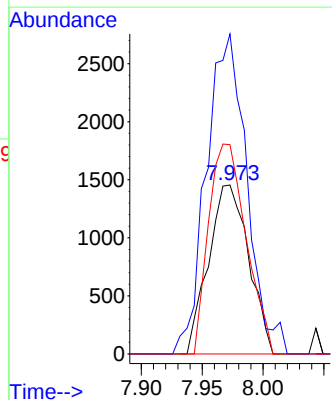
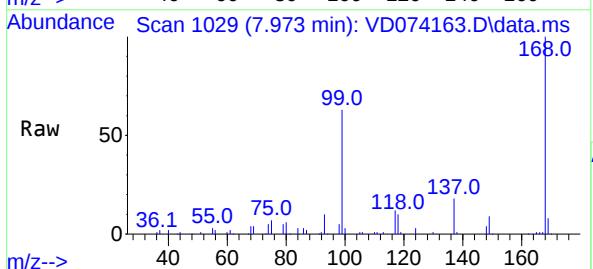
Instrument :
MSVOA_D
ClientSampleId :
TR-06-081722

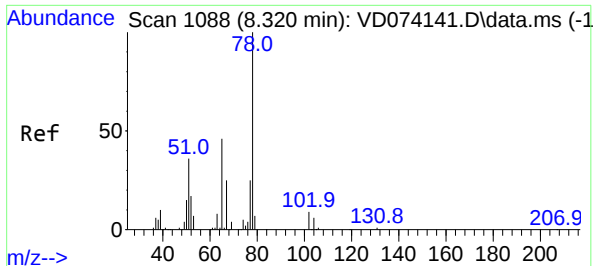
Tgt Ion: 43 Resp: 1827
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.121 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion: 56 Resp: 3331
Ion Ratio Lower Upper
56 100
69 178.9 25.4 38.2#
84 123.9 63.0 94.4#

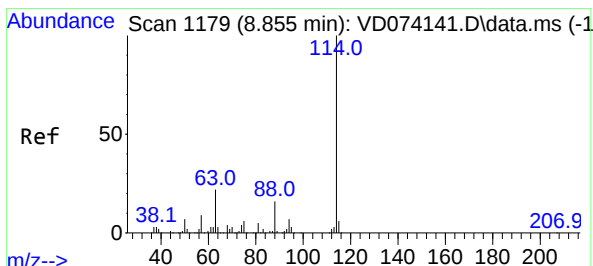
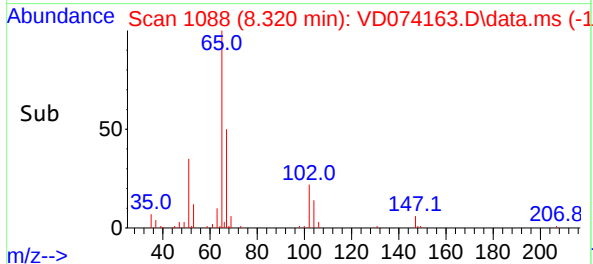
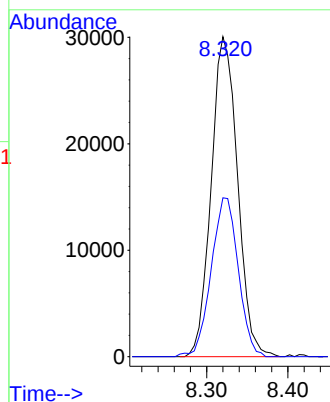
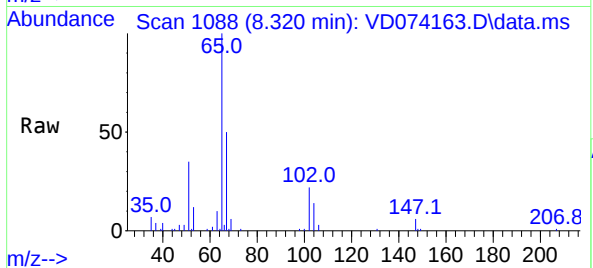




#33
1,2-Dichloroethane-d4
Concen: 67.051 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

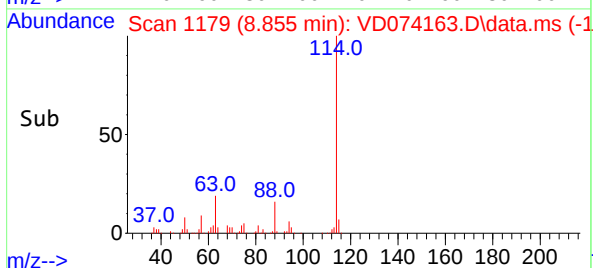
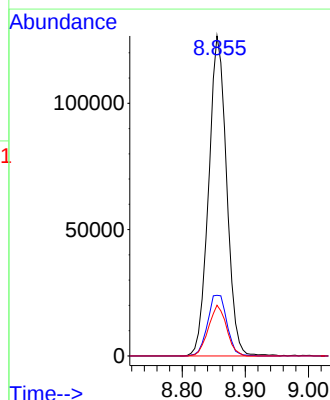
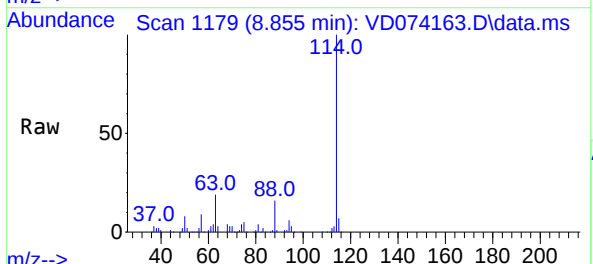
Instrument :
MSVOA_D
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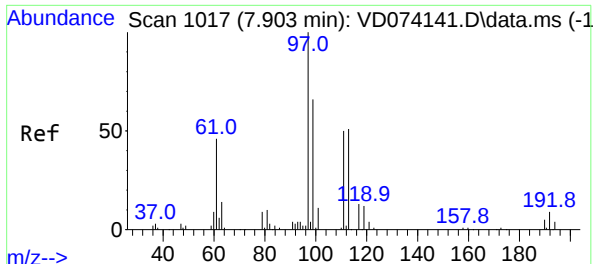
Tgt Ion: 65 Resp: 67795
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion: 114 Resp: 250284
Ion Ratio Lower Upper
114 100
63 19.0 0.0 46.6
88 15.8 0.0 33.2

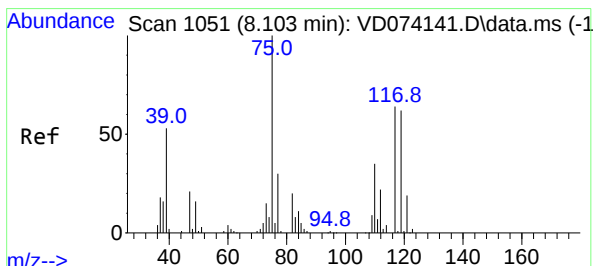
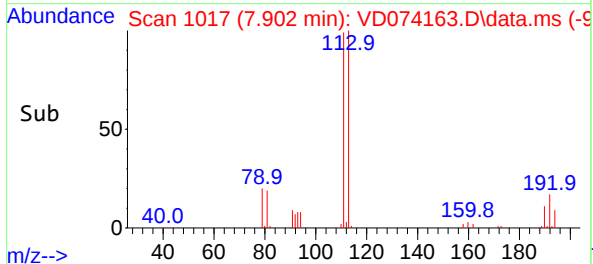
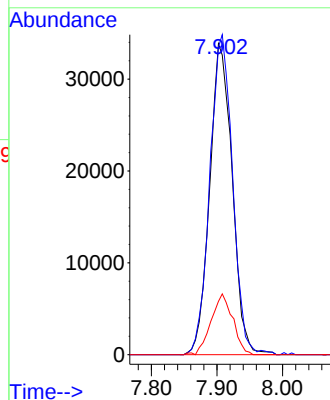
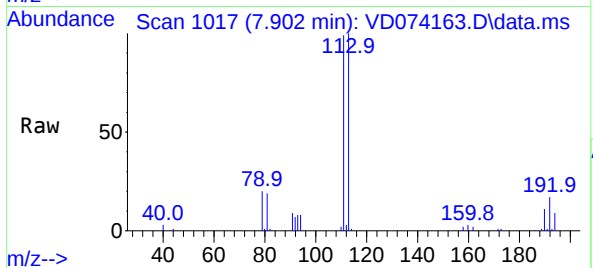




#35
Dibromofluoromethane
Concen: 67.377 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.001 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

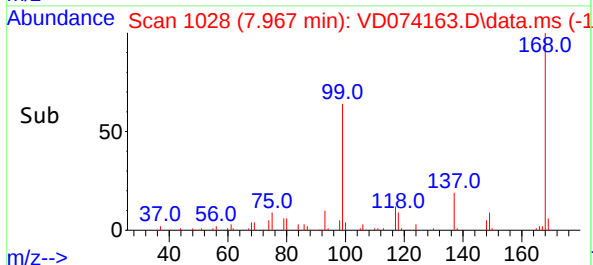
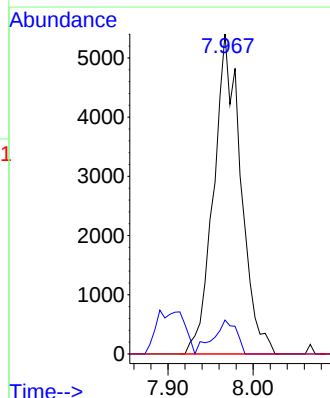
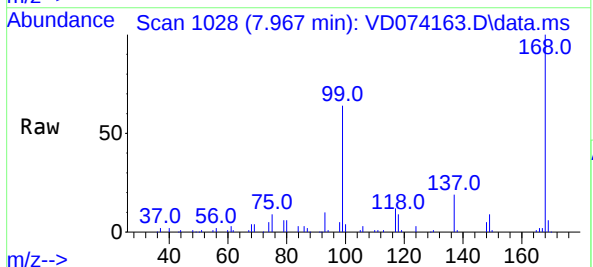
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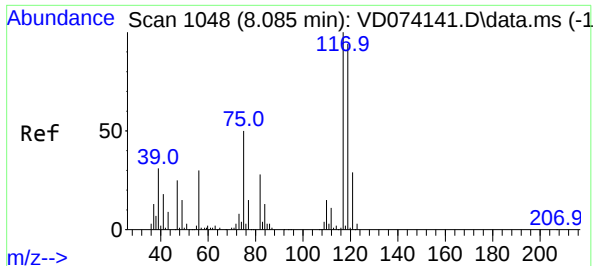
Tgt Ion:113 Resp: 80889
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion: 75 Resp: 12010
Ion Ratio Lower Upper
75 100
110 9.0 16.4 49.1#
77 0.0 24.2 36.2#

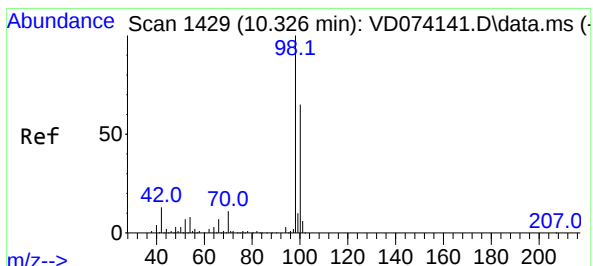
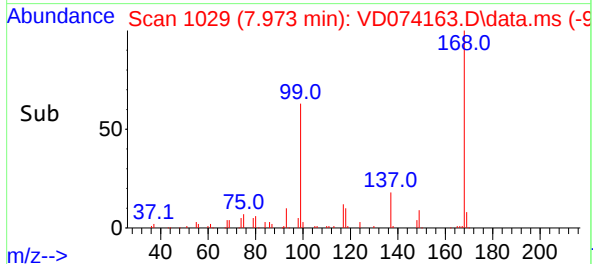
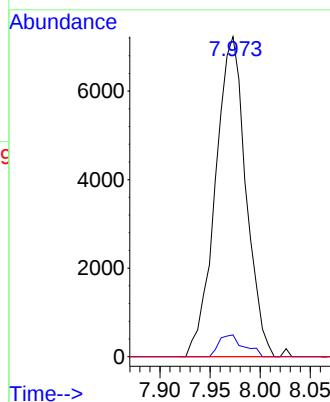
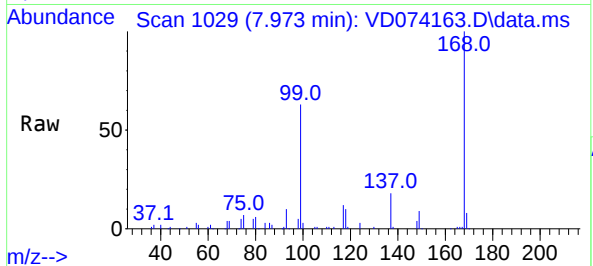




#38
Carbon Tetrachloride
Concen: 6.043 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.112 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

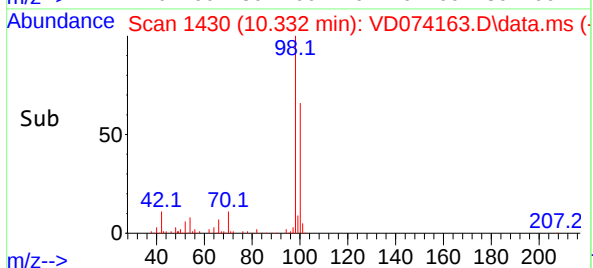
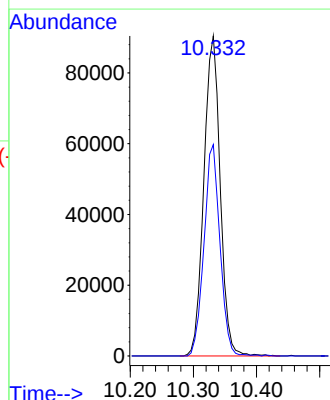
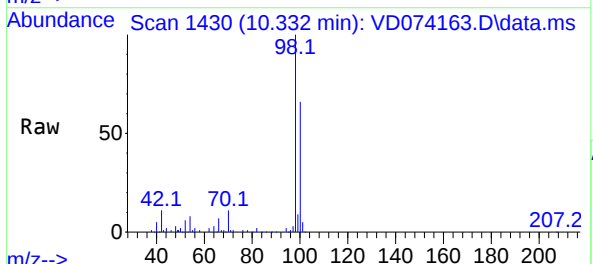
Instrument :
MSVOA_D
ClientSampleId :
TR-06-081722

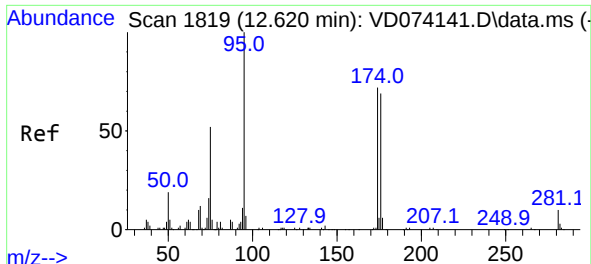
Tgt Ion:117 Resp: 15310
Ion Ratio Lower Upper
117 100
119 6.8 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 47.111 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion: 98 Resp: 162571
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6

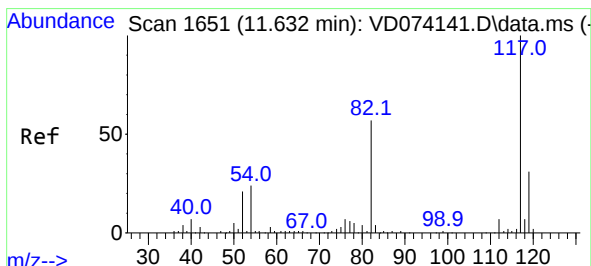
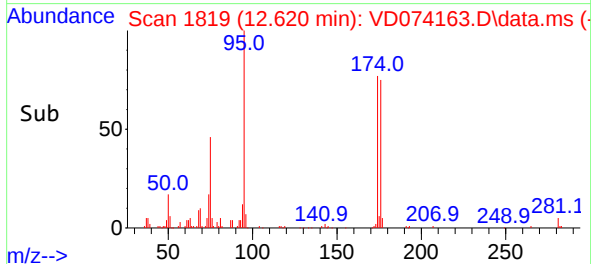
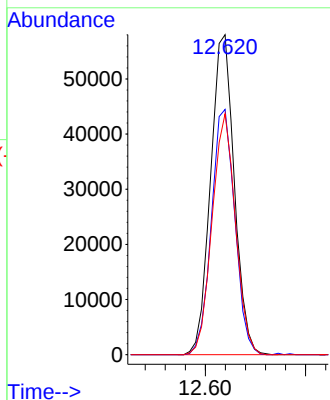
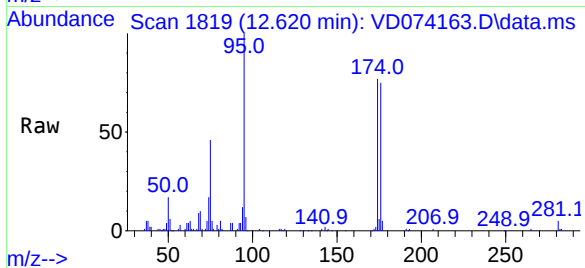




#62
4-Bromofluorobenzene
Concen: 50.802 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

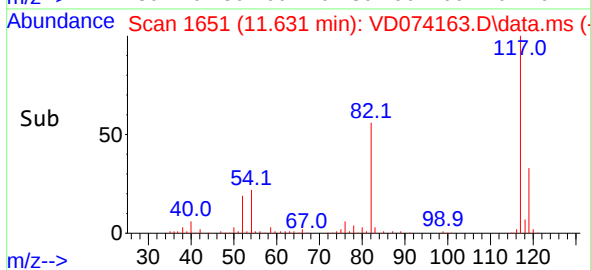
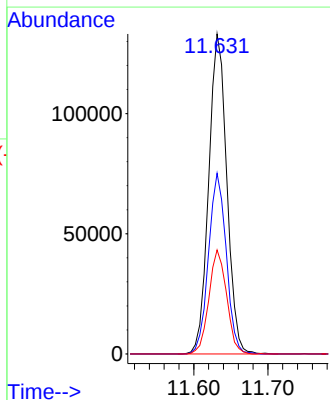
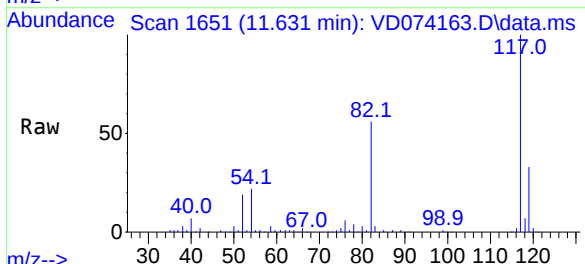
Instrument :
MSVOA_D
ClientSampleId :
TR-06-081722

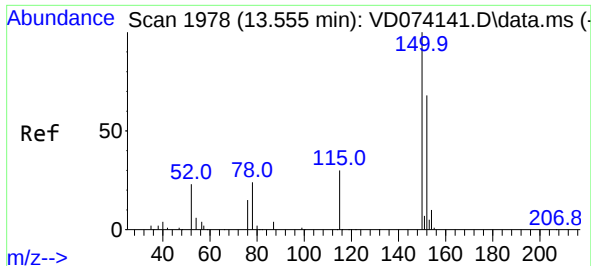
Tgt Ion:	95	Resp:	95142
Ion Ratio	Lower	Upper	
95	100		
174	75.9	0.0	152.8
176	74.1	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.001 min
Lab File: VD074163.D
Acq: 19 Aug 2022 22:18

Tgt Ion:	117	Resp:	226135
Ion Ratio	Lower	Upper	
117	100		
82	56.4	45.3	67.9
119	32.5	26.6	40.0

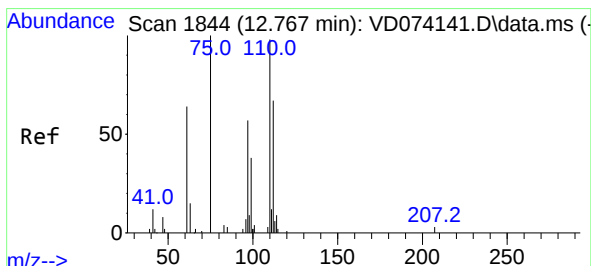
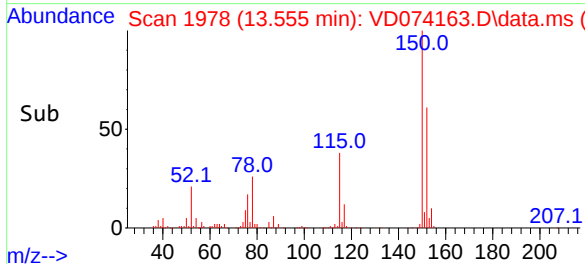
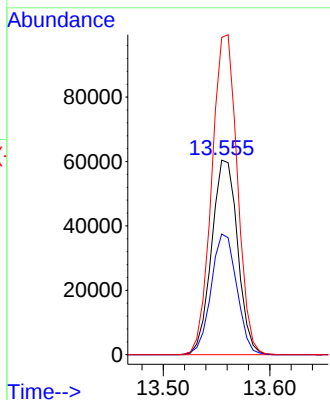
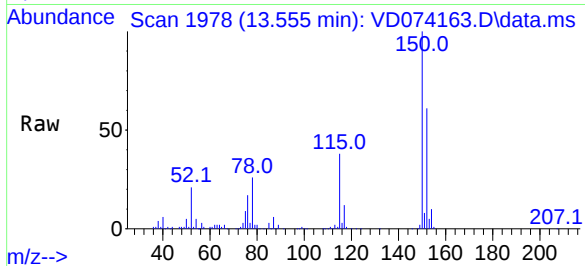




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1978
 Delta R.T. -0.000 min
 Lab File: VD074163.D
 Acq: 19 Aug 2022 22:18

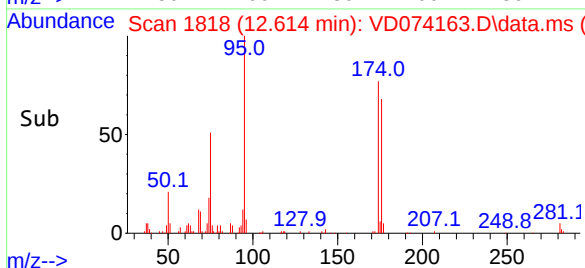
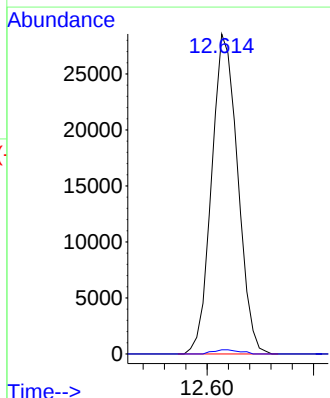
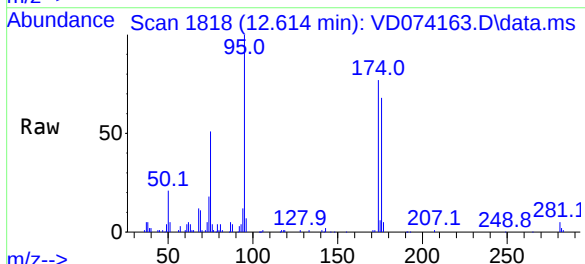
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-081722

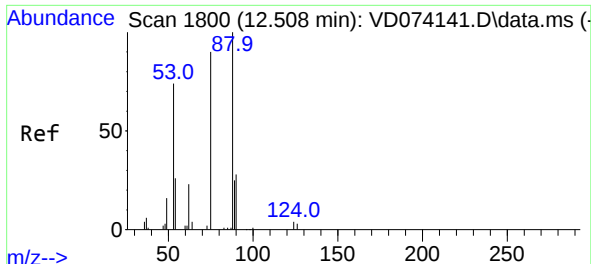
Tgt Ion:152 Resp: 102396
 Ion Ratio Lower Upper
 152 100
 115 61.4 31.3 93.8
 150 161.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 45.815 ug/l
 RT: 12.614 min Scan# 1818
 Delta R.T. -0.153 min
 Lab File: VD074163.D
 Acq: 19 Aug 2022 22:18

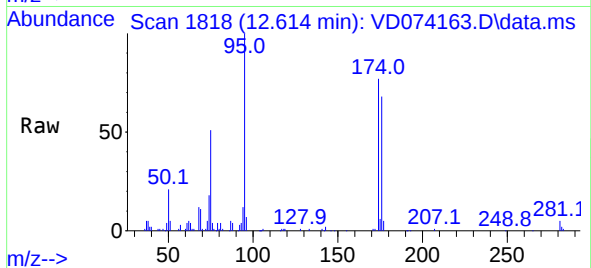
Tgt Ion: 75 Resp: 48582
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.885 ug/l
 RT: 12.614 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074163.D
 Acq: 19 Aug 2022 22:18

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-081722



Tgt Ion:	75	Resp:	48582
Ion	Ratio	Lower	Upper
75	100		
53	0.1	86.5	129.7#
89	0.1	33.9	50.9#

