

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110422\
 Data File : VD074743.D
 Acq On : 04 Nov 2022 17:36
 Operator : VA/SY
 Sample : N5418-07
 Misc : 4.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-L

Quant Time: Nov 07 00:28:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

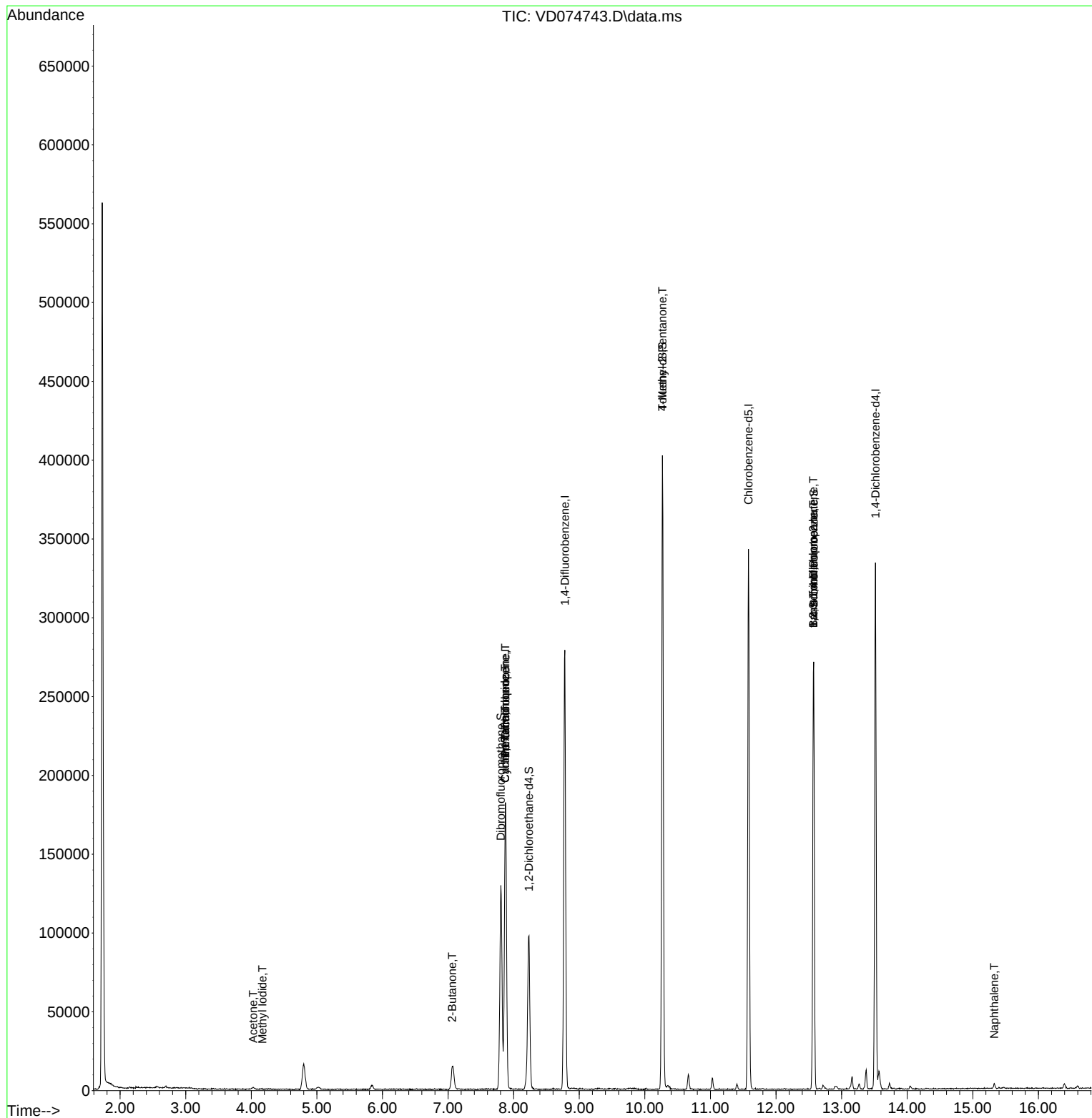
Internal Standards						
1) Pentafluorobenzene	7.875	168	151713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	265994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	94046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74616	62.097	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 124.200%		
35) Dibromofluoromethane	7.804	113	94074	59.788	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 119.580%		
50) Toluene-d8	10.269	98	288573	50.278	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 100.560%		
62) 4-Bromofluorobenzene	12.575	95	83937	50.650	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 101.300%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.169	142	406	5.730	ug/l #	43
11) Tert butyl alcohol	5.069	59	55	Below Cal	#	84
16) Acetone	4.028	43	1954	7.793	ug/l	95
20) Methylene Chloride	4.799	84	13710	Below Cal		87
25) 2-Butanone	7.063	43	586	1.700	ug/l #	42
31) Cyclohexane	7.869	56	2559	1.052	ug/l #	6
36) 1,1-Dichloropropene	7.875	75	10373	4.343	ug/l #	45
38) Carbon Tetrachloride	7.869	117	14273	6.308	ug/l #	17
51) 4-Methyl-2-Pentanone	10.269	43	952	1.324	ug/l #	1
71) Bromoform	12.569	173	808	1.056	ug/l #	30
76) 1,2,3-Trichloropropane	12.569	75	41564	57.011	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	41564	135.331	ug/l #	17
95) Naphthalene	15.328	128	3761	1.135	ug/l #	84

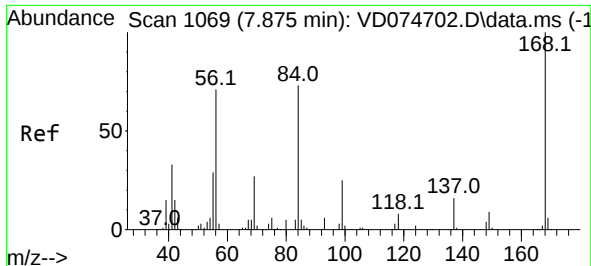
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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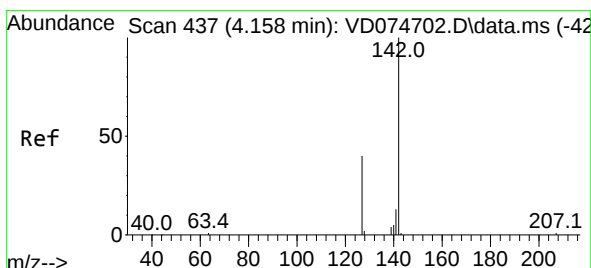
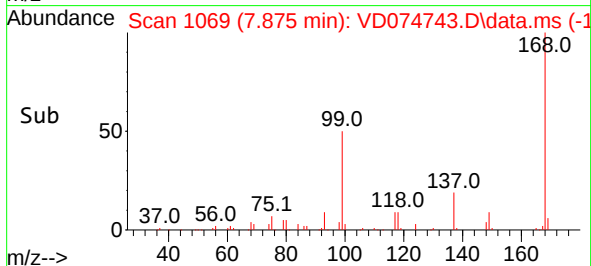
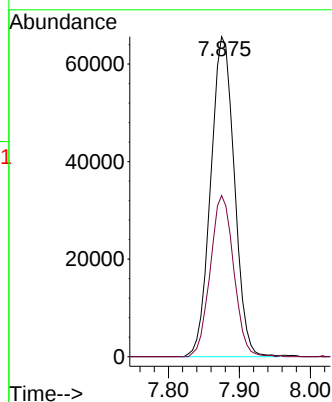
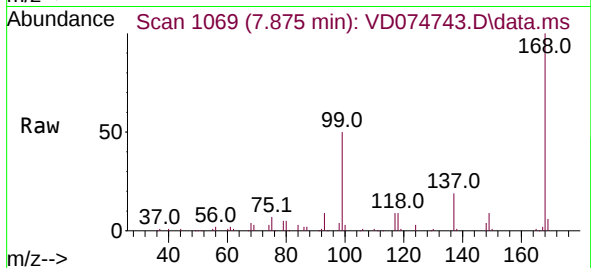




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

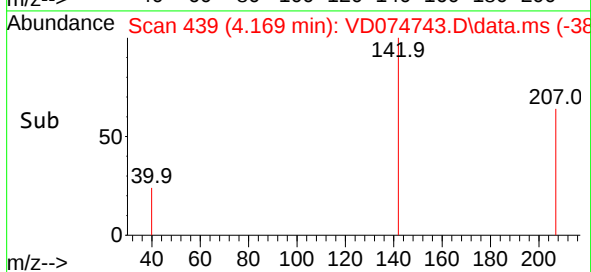
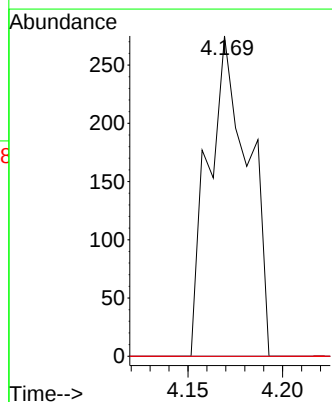
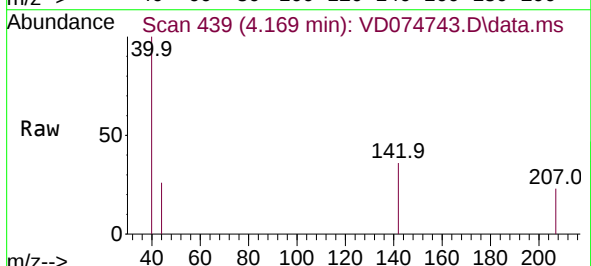
Instrument :
MSVOA_D
ClientSampleId :
TP-L

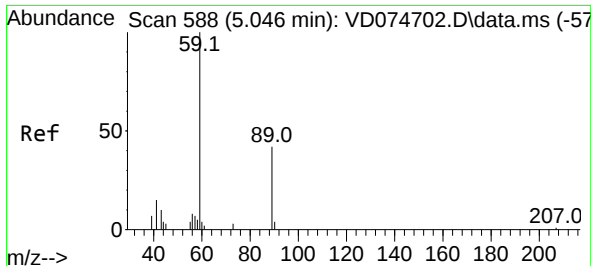
Tgt Ion:168 Resp: 151713
Ion Ratio Lower Upper
168 100
99 50.3 40.9 61.3



#10
Methyl Iodide
Concen: 5.730 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.011 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion:142 Resp: 406
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.069 min Scan# 51

Delta R.T. 0.023 min

Lab File: VD074743.D

Acq: 04 Nov 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

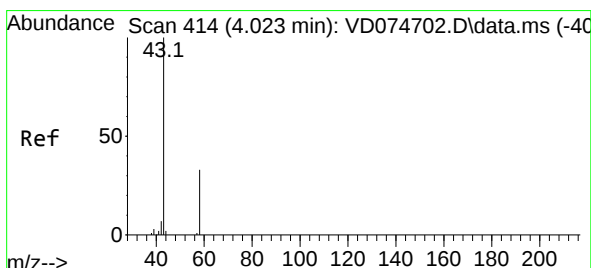
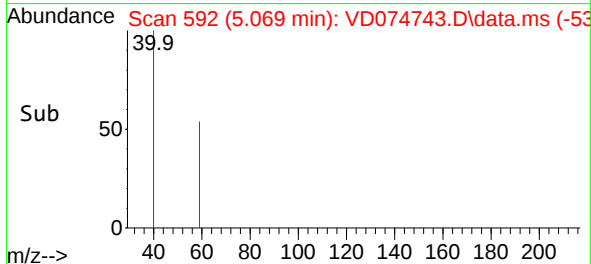
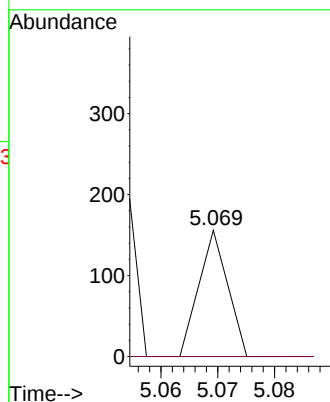
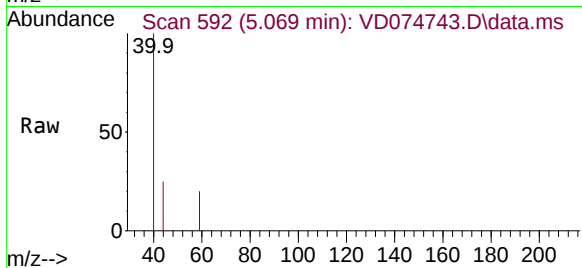
TP-L

Tgt Ion: 59 Resp: 55

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 7.793 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074743.D

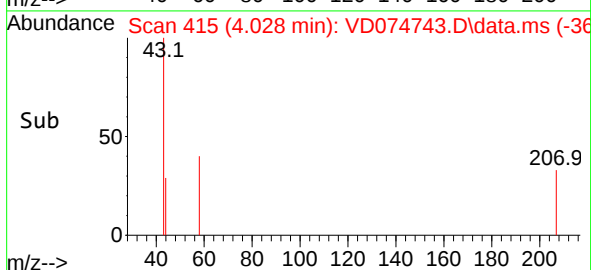
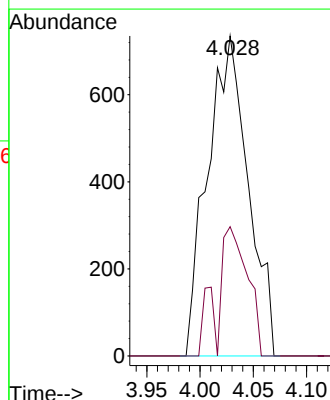
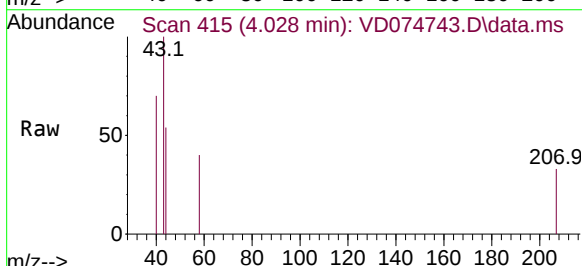
Acq: 04 Nov 2022 17:36

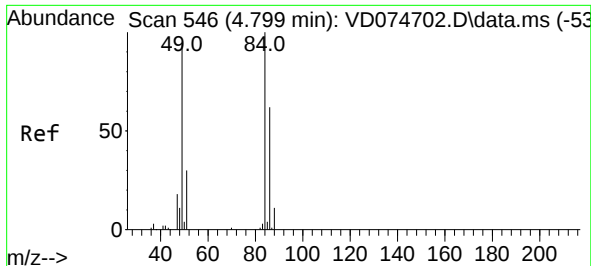
Tgt Ion: 43 Resp: 1954

Ion Ratio Lower Upper

43 100

58 40.4 30.2 45.2

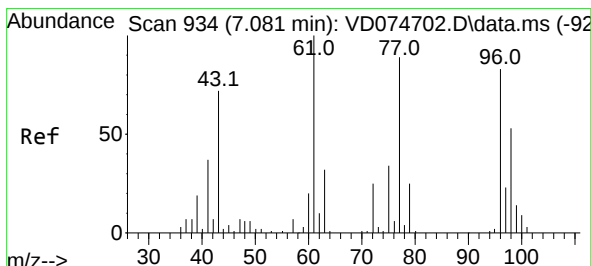
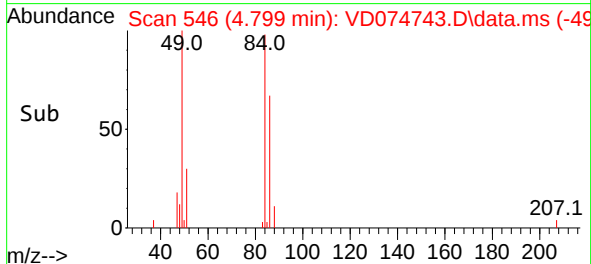
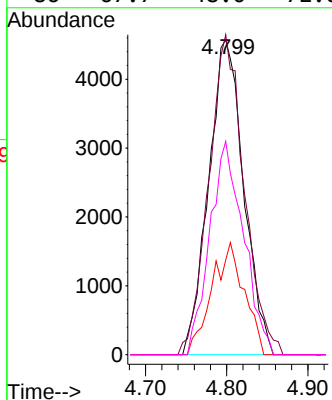
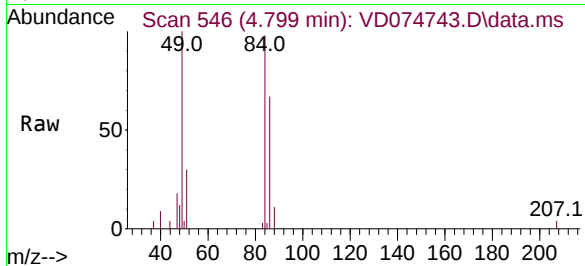




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

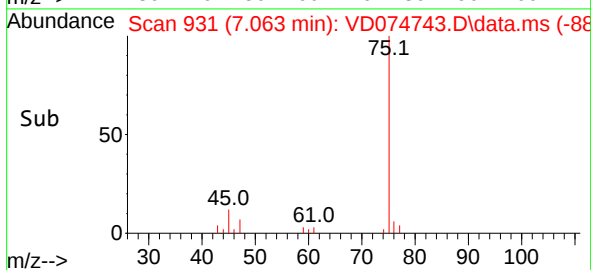
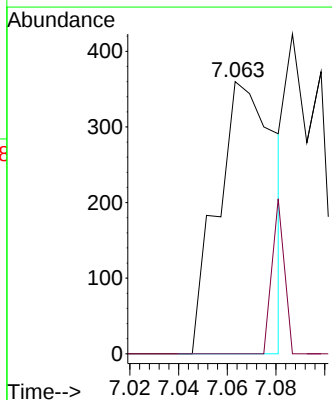
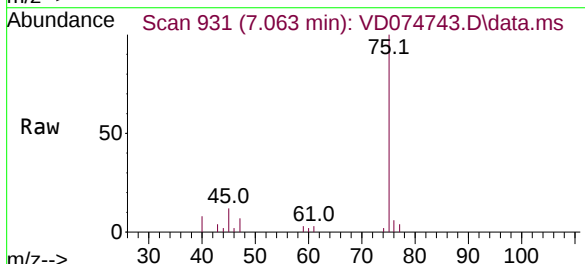
Instrument :
MSVOA_D
ClientSampleId :
TP-L

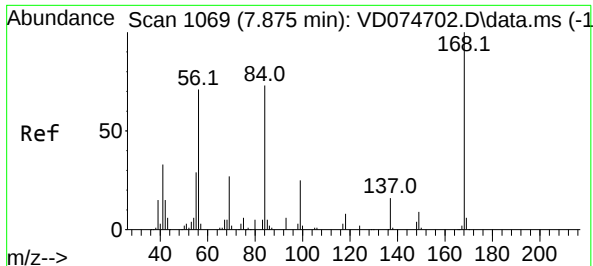
Tgt Ion:	84	Resp:	13710
Ion	Ratio	Lower	Upper
84	100		
49	101.6	68.0	102.0
51	30.1	23.2	34.8
86	67.7	48.0	72.0



#25
2-Butanone
Concen: 1.700 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion:	43	Resp:	586
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

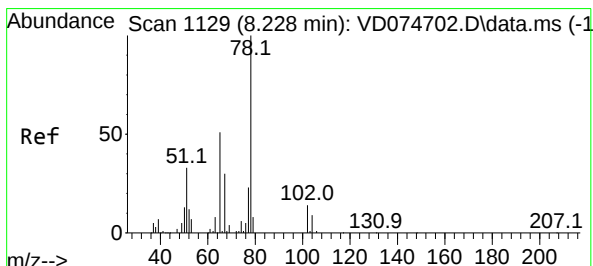
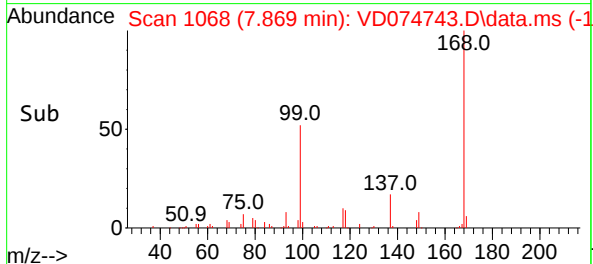
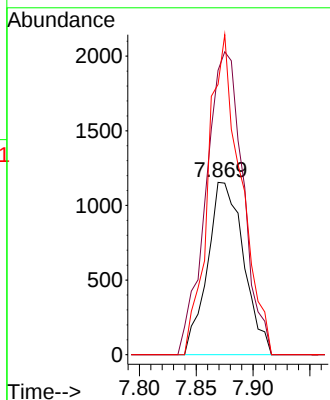
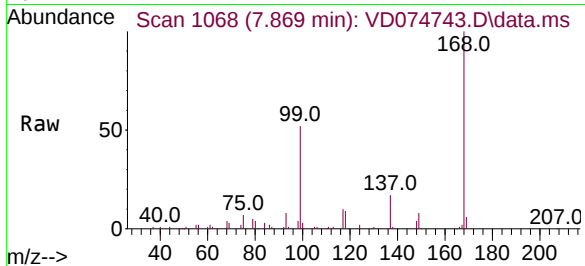




#31
Cyclohexane
Concen: 1.052 ug/l
RT: 7.869 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

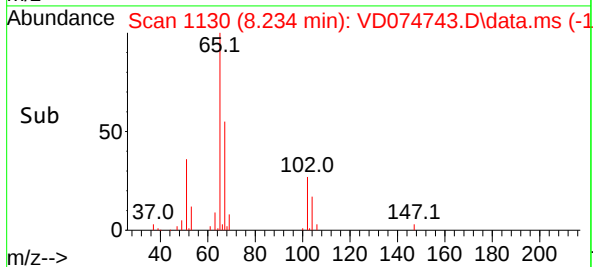
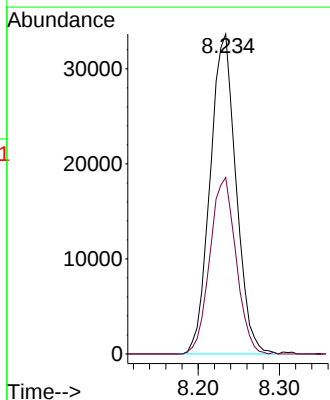
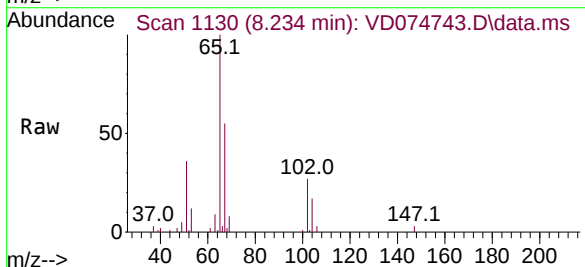
Instrument :
MSVOA_D
ClientSampleId :
TP-L

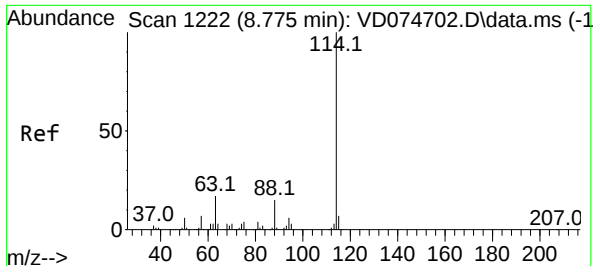
Tgt Ion: 56 Resp: 2559
Ion Ratio Lower Upper
56 100
69 164.9 29.2 43.8#
84 156.8 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 62.097 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion: 65 Resp: 74616
Ion Ratio Lower Upper
65 100
67 55.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074743.D

Acq: 04 Nov 2022 17:36

Instrument :

MSVOA_D

ClientSampleId :

TP-L

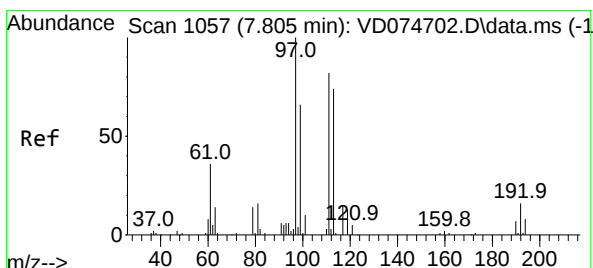
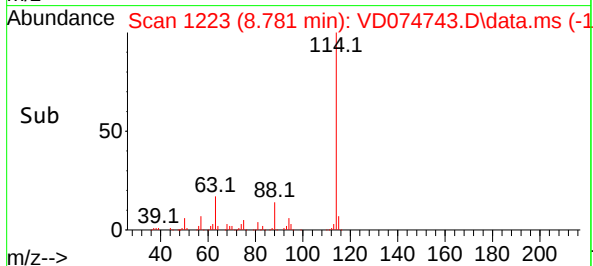
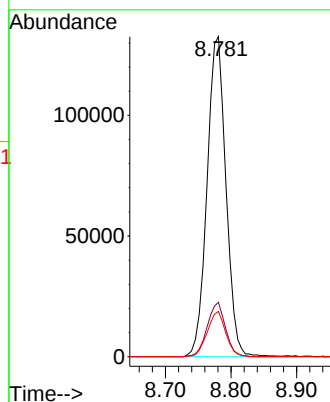
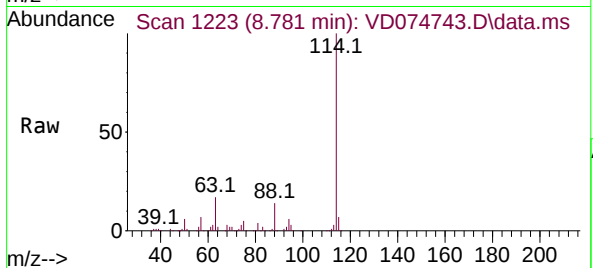
Tgt Ion:114 Resp: 265994

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.2

88 14.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 59.788 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074743.D

Acq: 04 Nov 2022 17:36

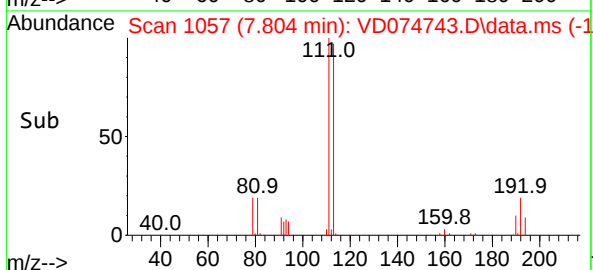
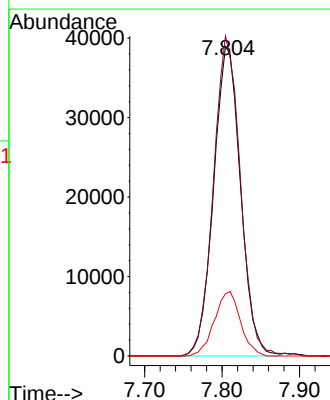
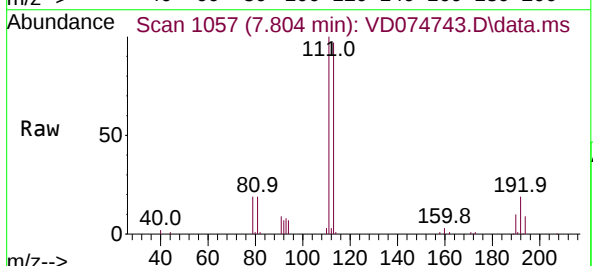
Tgt Ion:113 Resp: 94074

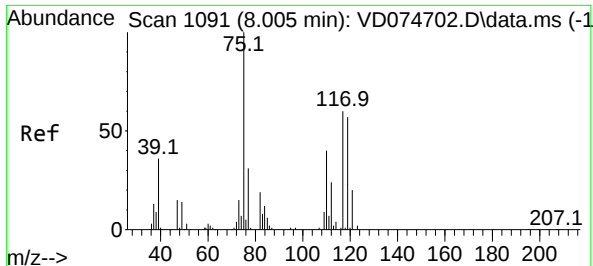
Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 20.2 16.4 24.6

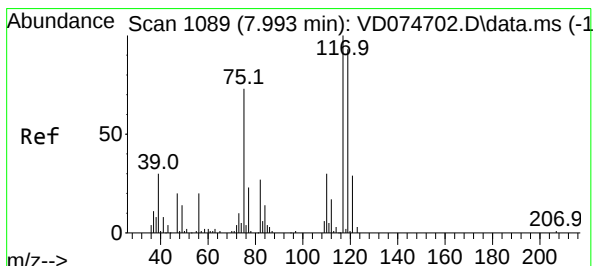
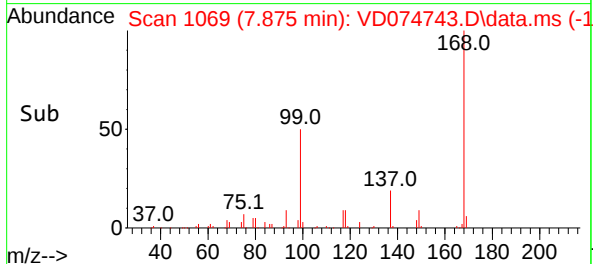
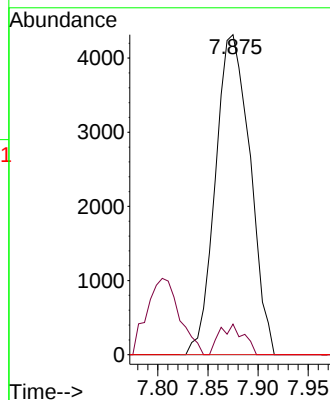
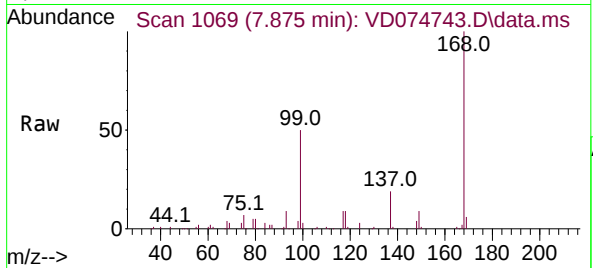




#36
1,1-Dichloropropene
Concen: 4.343 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

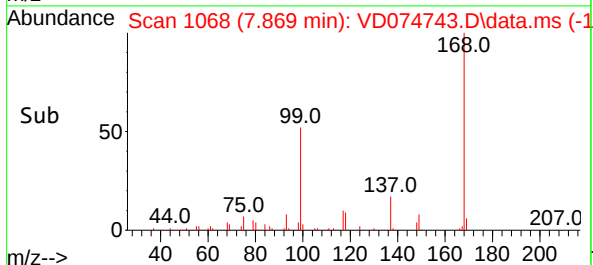
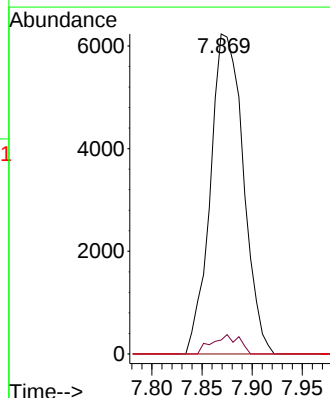
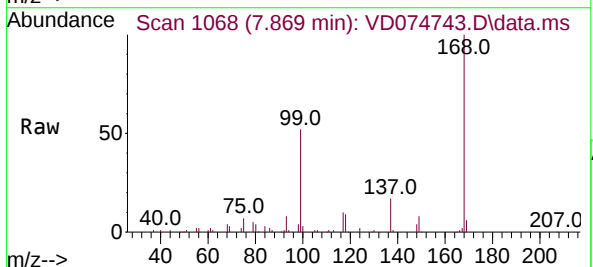
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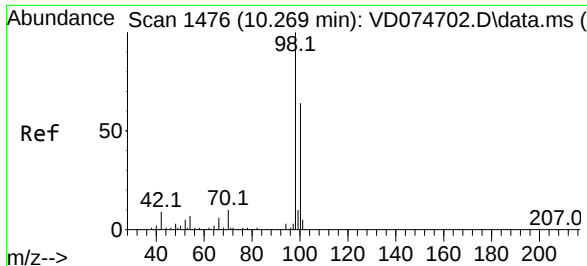
Tgt Ion: 75 Resp: 10373
Ion Ratio Lower Upper
75 100
110 6.7 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.308 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion: 117 Resp: 14273
Ion Ratio Lower Upper
117 100
119 4.3 73.1 109.7#
121 0.0 25.0 37.6#

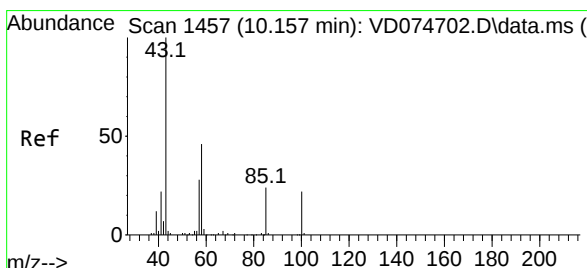
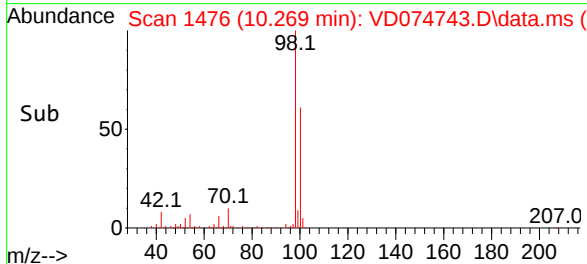
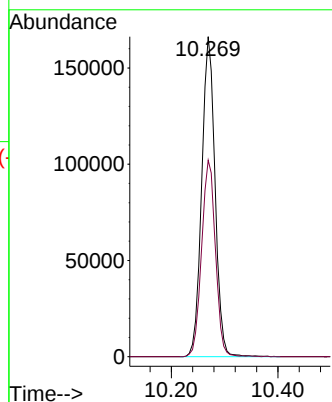
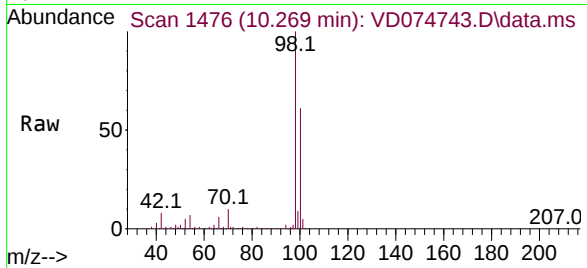




#50
Toluene-d8
Concen: 50.278 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

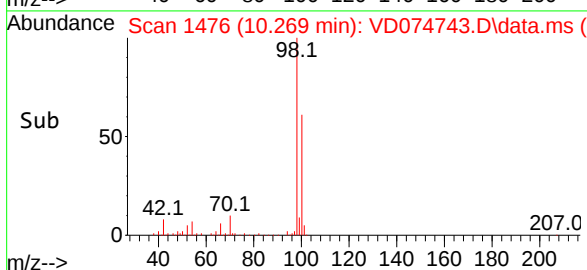
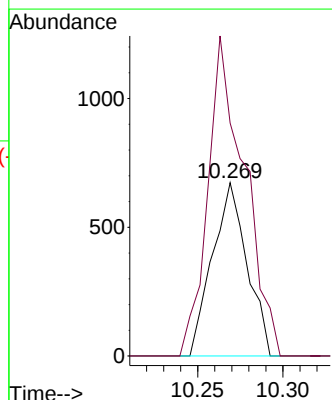
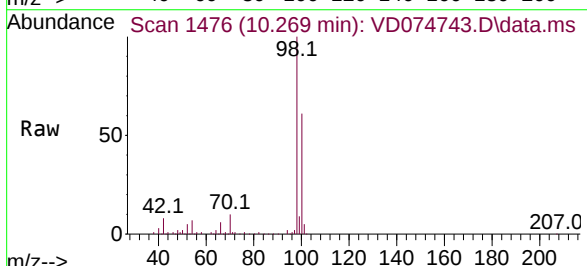
Instrument :
MSVOA_D
ClientSampleId :
TP-L

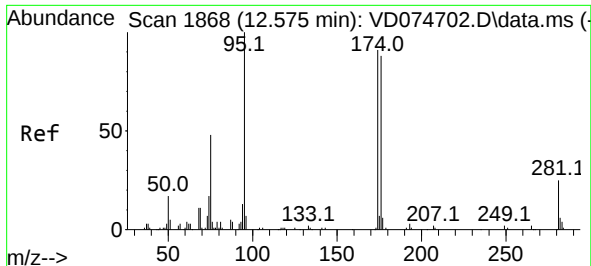
Tgt Ion: 98 Resp: 288573
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.324 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 194.9 37.8 56.6#

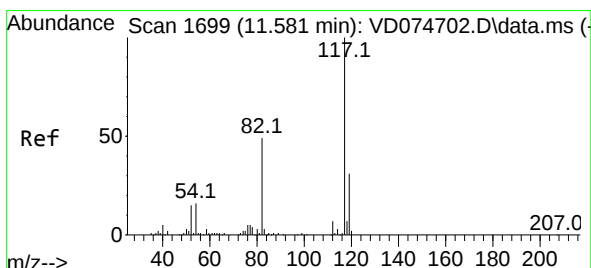
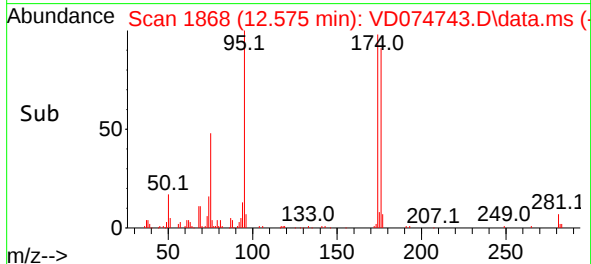
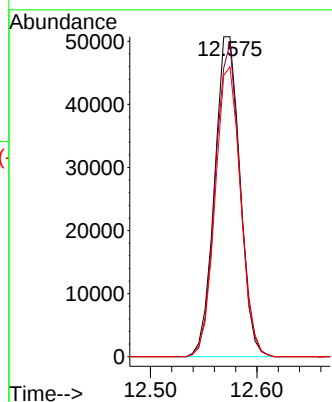
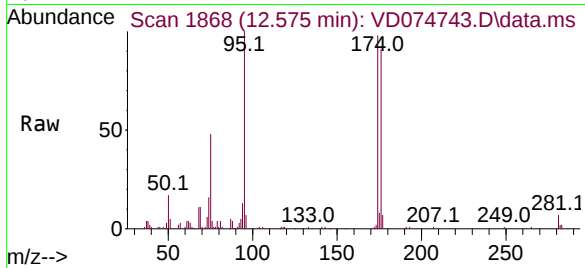




#62
4-Bromofluorobenzene
Concen: 50.650 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

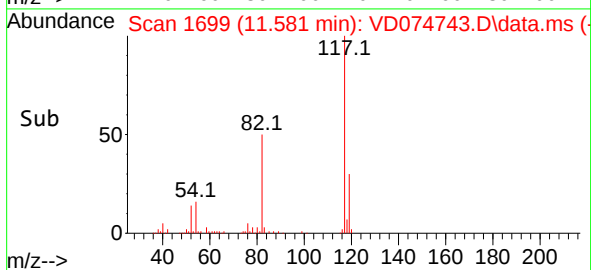
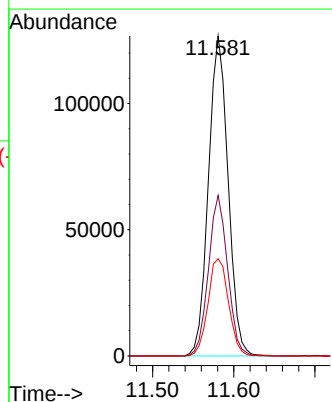
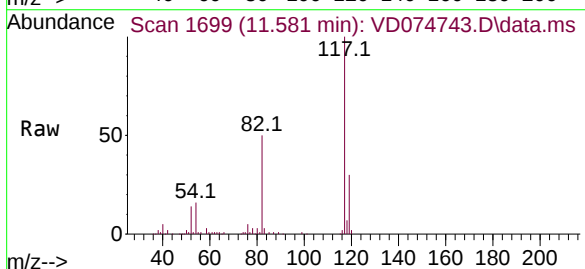
Instrument :
MSVOA_D
ClientSampleId :
TP-L

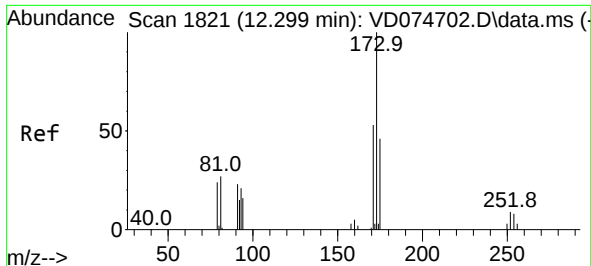
Tgt Ion: 95 Resp: 83937
Ion Ratio Lower Upper
95 100
174 95.5 0.0 197.0
176 90.4 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion: 117 Resp: 212706
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 30.4 25.2 37.8

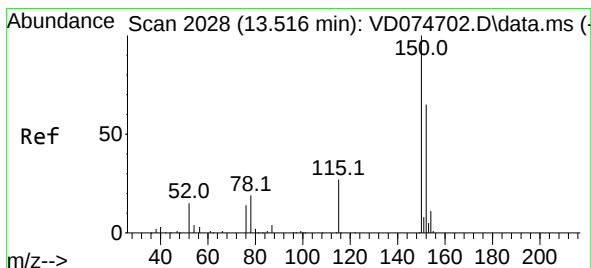
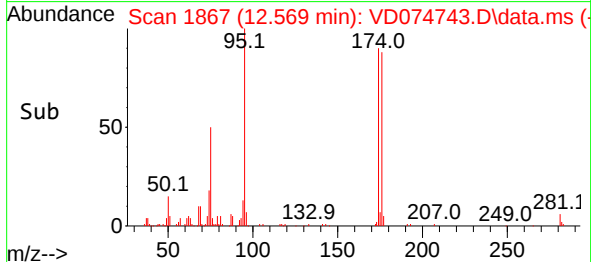
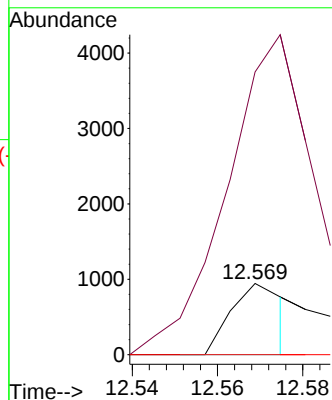
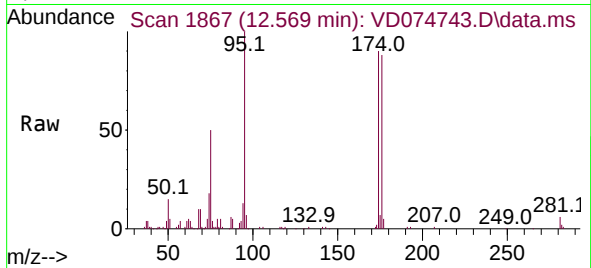




#71
Bromoform
Concen: 1.056 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

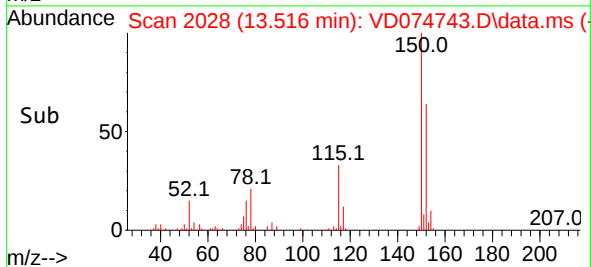
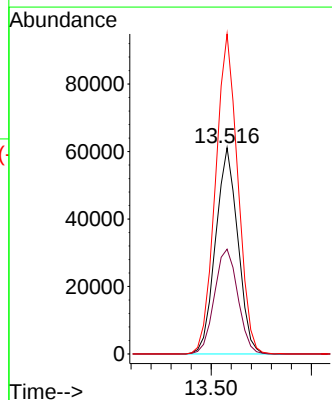
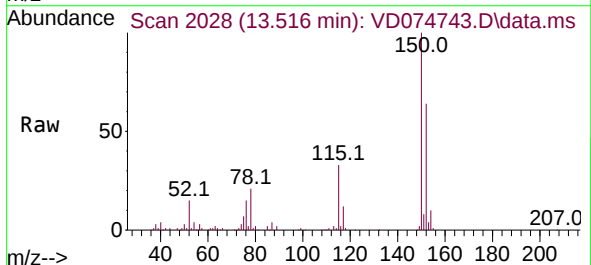
Instrument :
MSVOA_D
ClientSampleId :
TP-L

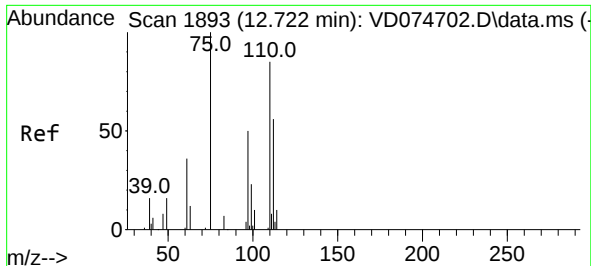
Tgt Ion:173 Resp: 808
Ion Ratio Lower Upper
173 100
175 0.0 23.1 69.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Tgt Ion:152 Resp: 94046
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 155.3 0.0 348.2

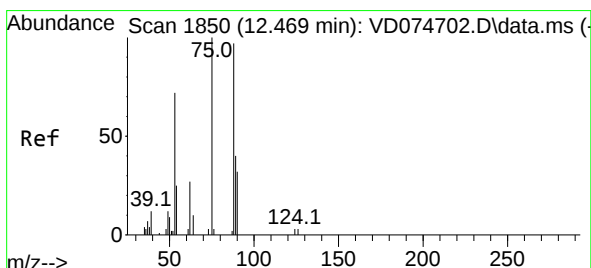
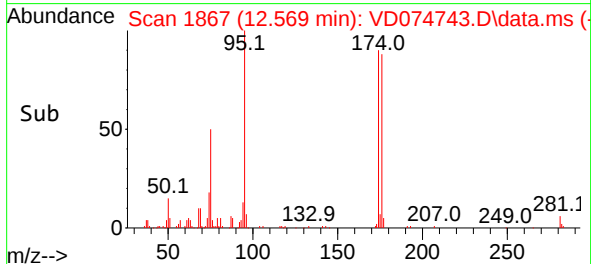
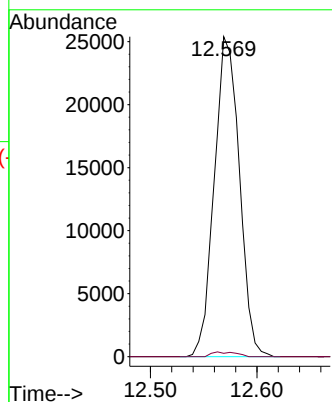
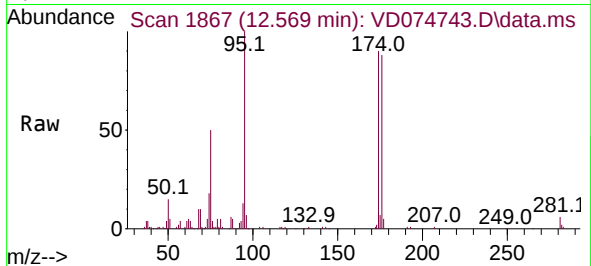




#76
1,2,3-Trichloropropane
Concen: 57.011 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

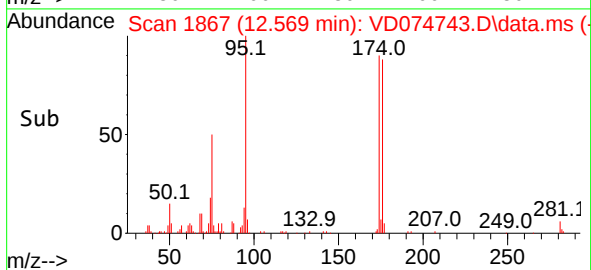
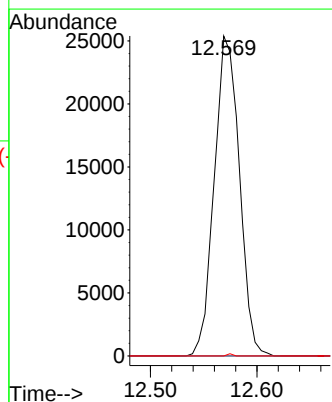
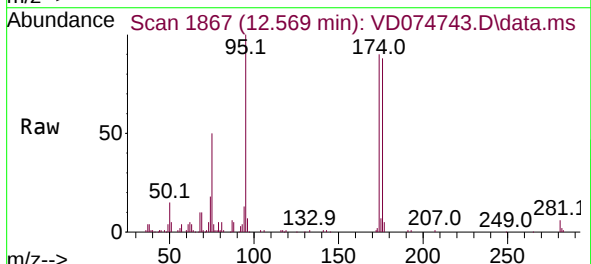
Instrument :
MSVOA_D
ClientSampleId :
TP-L

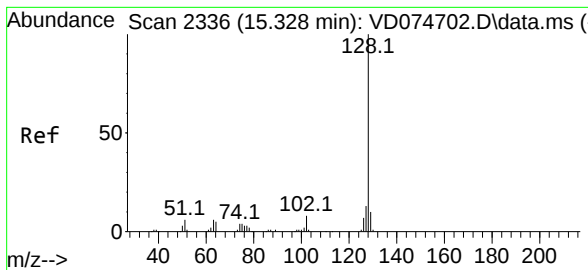
Tgt Ion: 75 Resp: 41564
Ion Ratio Lower Upper
75 100
77 1.4 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.331 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

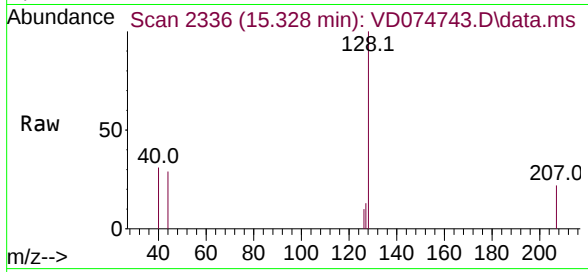
Tgt Ion: 75 Resp: 41564
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.2 38.2 57.4#





#95
Naphthalene
Concen: 1.135 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074743.D
Acq: 04 Nov 2022 17:36

Instrument :
MSVOA_D
ClientSampleId :
TP-L



Tgt Ion:	128	Resp:	3761
Ion	Ratio	Lower	Upper
128	100		
127	7.1	10.6	16.0#
129	4.1	8.3	12.5#

