

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074850.D
 Acq On : 10 Nov 2022 03:09
 Operator : VA/SY
 Sample : N5506-10
 Misc : 3.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Quant Time: Nov 10 05:51:12 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)

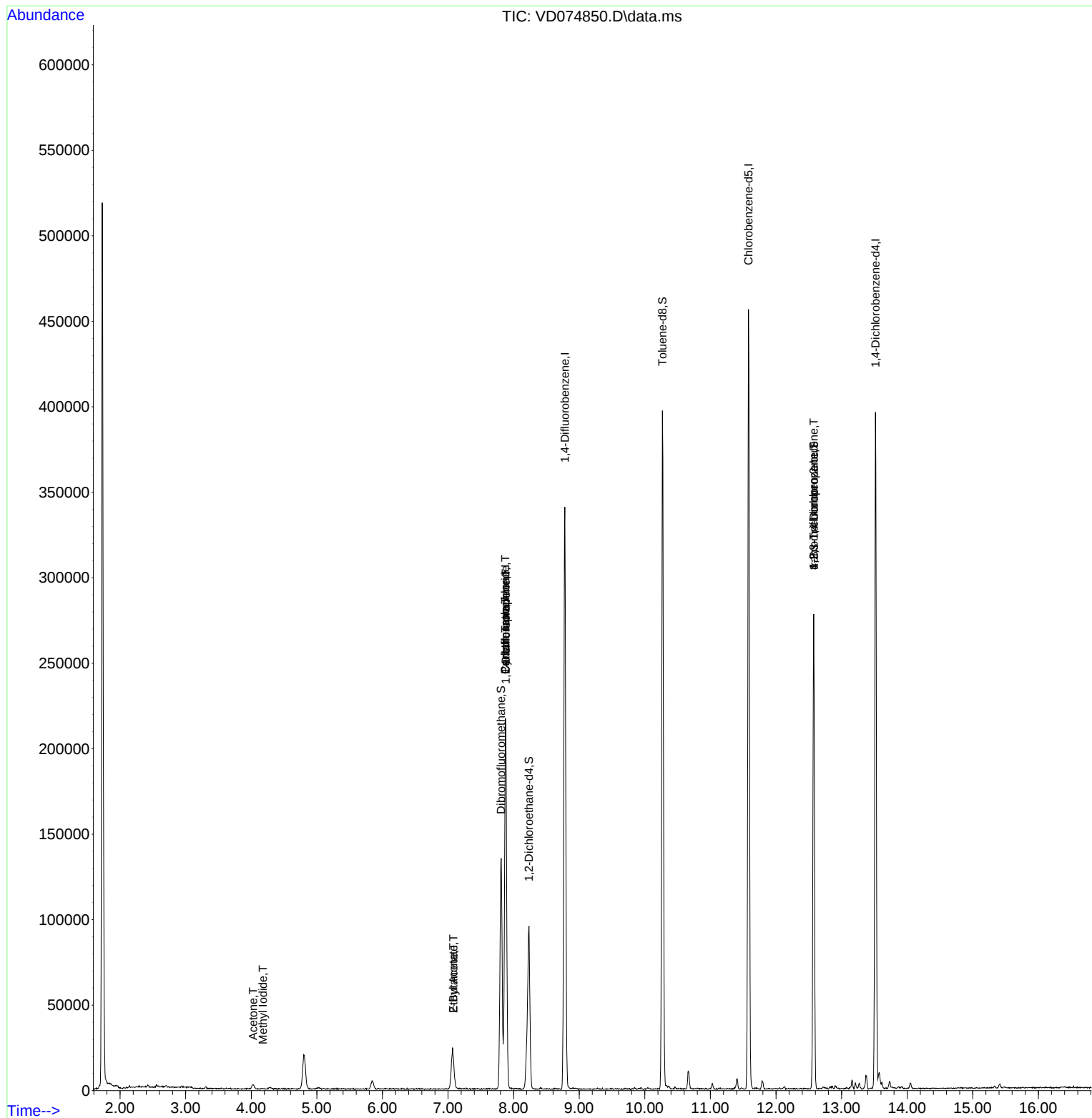
Internal Standards						
1) Pentafluorobenzene	7.875	168	174419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	327059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68432	49.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.810	113	99209	51.279	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.560%
50) Toluene-d8	10.269	98	285159	40.407	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.820%
62) 4-Bromofluorobenzene	12.575	95	84540	41.489	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.980%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.175	142	503	5.743	ug/l #	43
11) Tert butyl alcohol	5.028	59	418	Below Cal	#	84
16) Acetone	4.028	43	4558	15.811	ug/l	94
20) Methylene Chloride	4.799	84	18261	Below Cal		90
25) 2-Butanone	7.081	43	2397	6.047	ug/l	99
31) Cyclohexane	7.875	56	3511	1.255	ug/l #	26
36) 1,1-Dichloropropene	7.881	75	12531	4.267	ug/l #	46
37) Ethyl Acetate	7.081	43	2397	2.447	ug/l #	45
38) Carbon Tetrachloride	7.875	117	16754	6.022	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	41664	48.484	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	41664	115.090	ug/l #	17

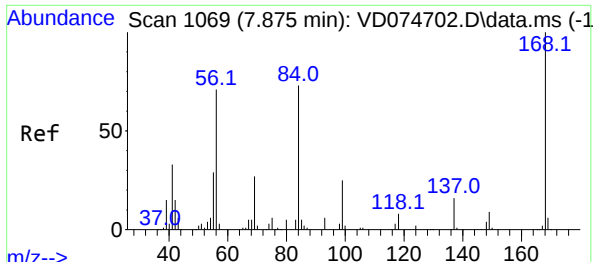
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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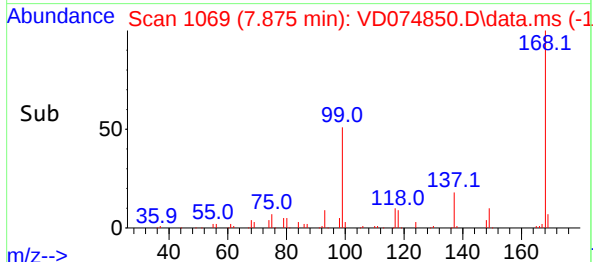
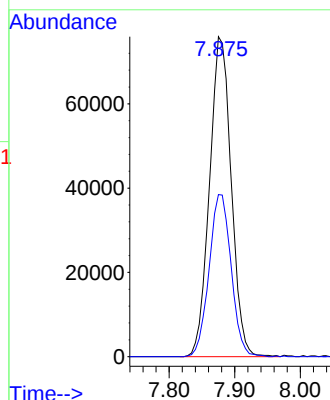
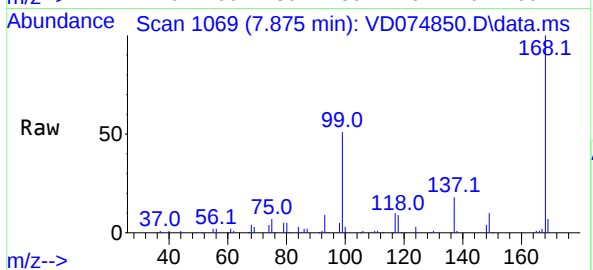




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

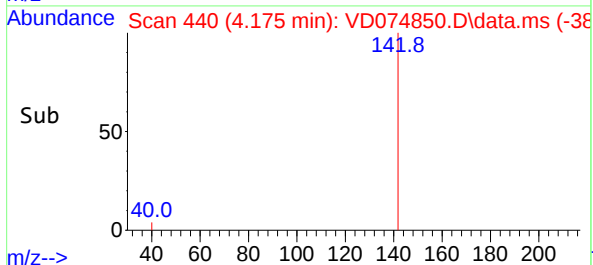
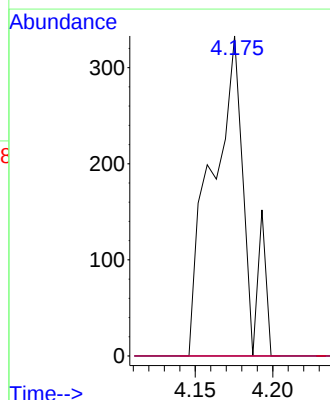
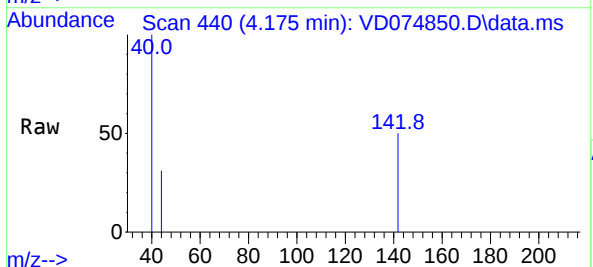
Instrument :
MSVOA_D
ClientSampleId :
TP-9

Tgt Ion:168 Resp: 174419
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#10
Methyl Iodide
Concen: 5.743 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

Tgt Ion:142 Resp: 503
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: 5.028 min Scan# 50

Delta R.T. -0.018 min

Lab File: VD074850.D

Acq: 10 Nov 2022 03:09

Instrument :

MSVOA_D

ClientSampleId :

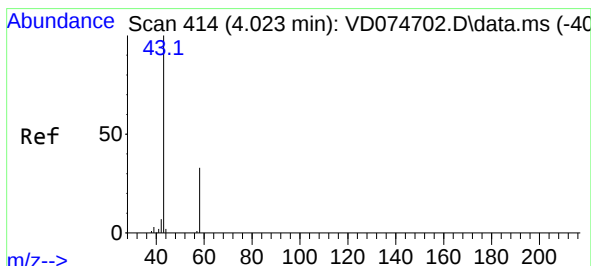
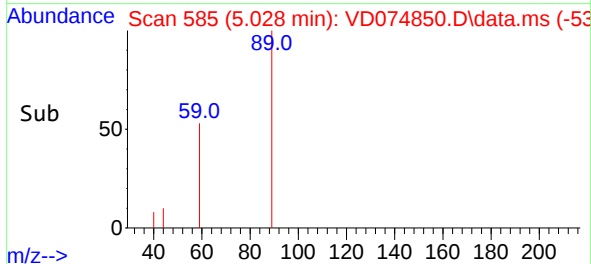
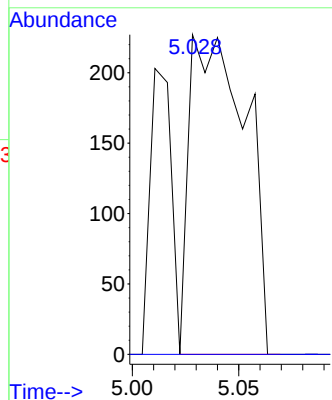
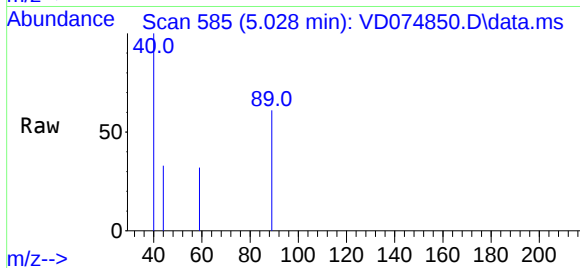
TP-9

Tgt Ion: 59 Resp: 418

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 15.811 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074850.D

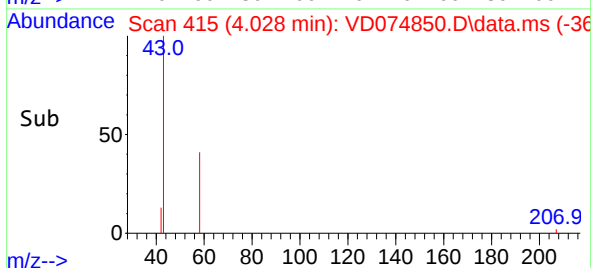
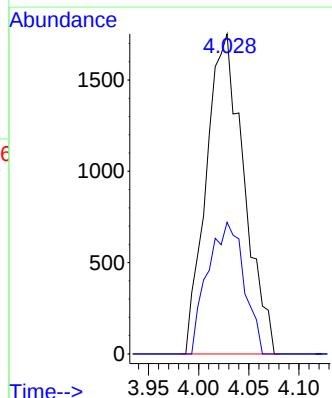
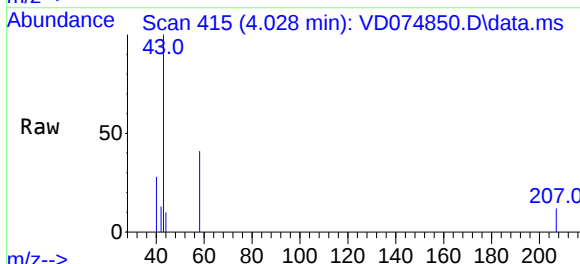
Acq: 10 Nov 2022 03:09

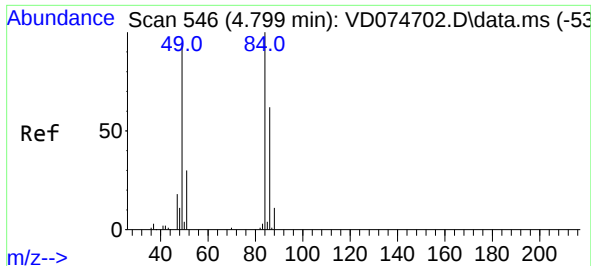
Tgt Ion: 43 Resp: 4558

Ion Ratio Lower Upper

43 100

58 41.2 30.2 45.2

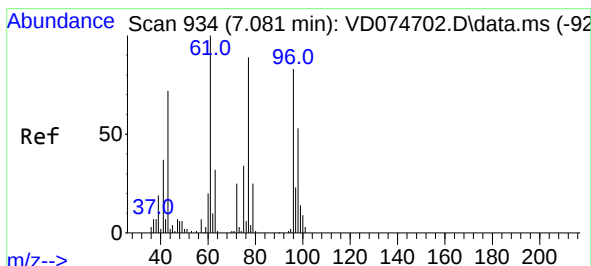
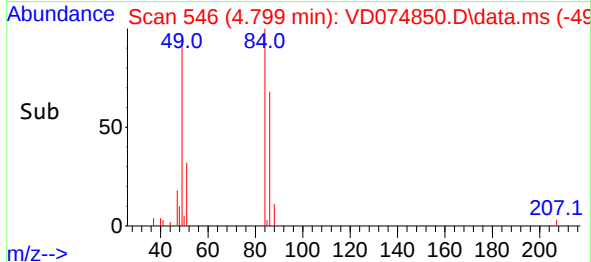
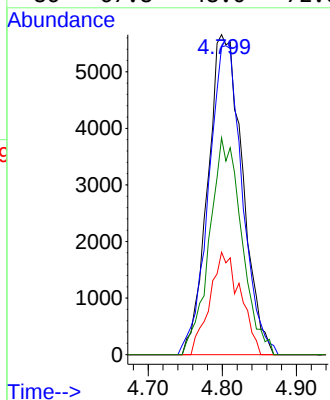
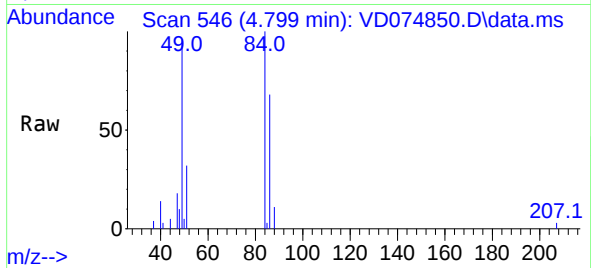




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

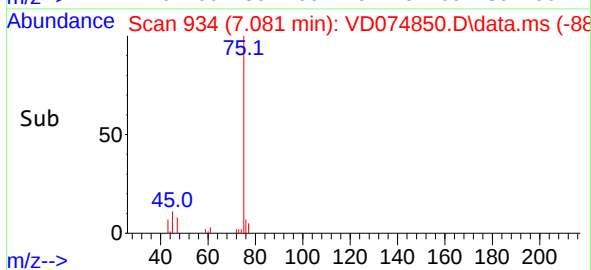
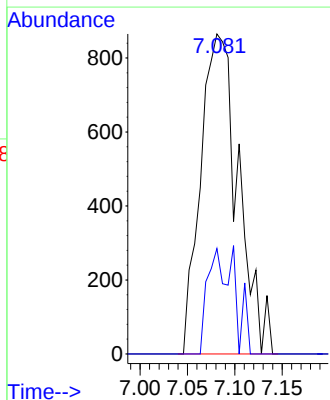
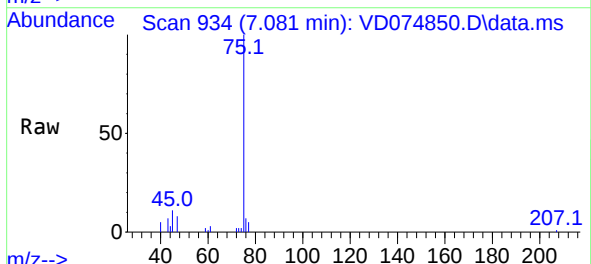
Instrument :
MSVOA_D
ClientSampleId :
TP-9

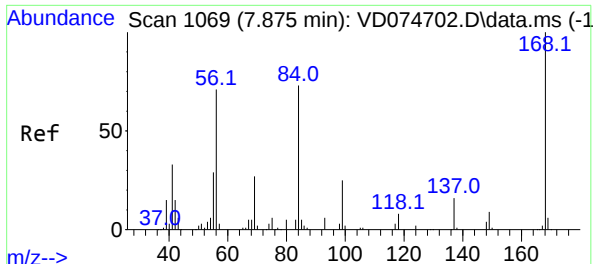
Tgt Ion:	84	Resp:	18261
Ion	Ratio	Lower	Upper
84	100		
49	96.2	68.0	102.0
51	32.0	23.2	34.8
86	67.8	48.0	72.0



#25
2-Butanone
Concen: 6.047 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

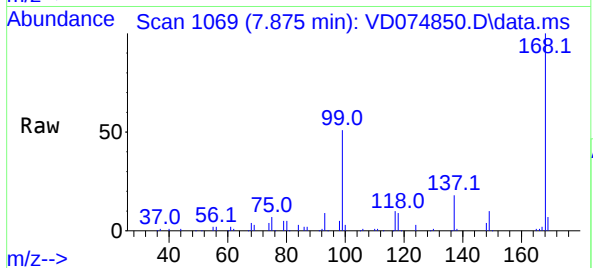
Tgt Ion:	43	Resp:	2397
Ion	Ratio	Lower	Upper
43	100		
72	32.9	25.8	38.8



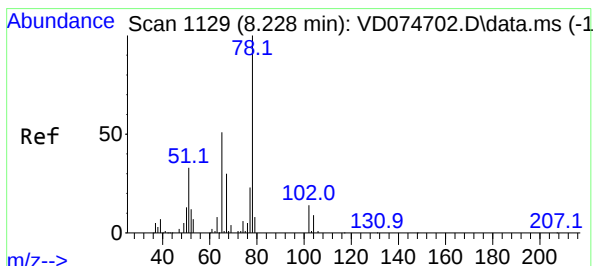
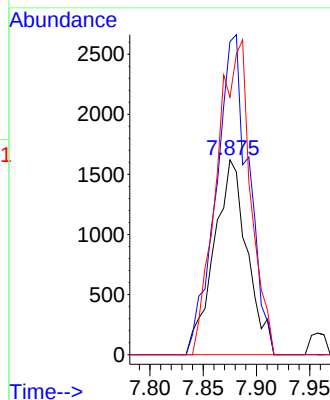
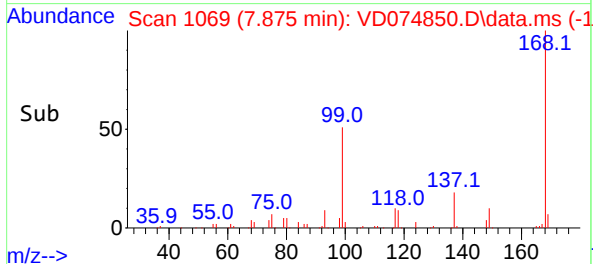


#31
Cyclohexane
Concen: 1.255 ug/l
RT: 7.875 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

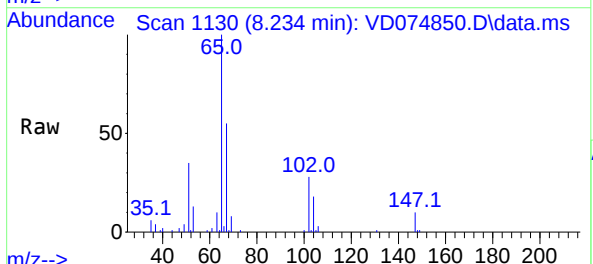
Instrument :
MSVOA_D
ClientSampleId :
TP-9



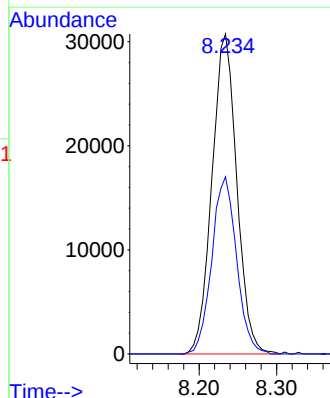
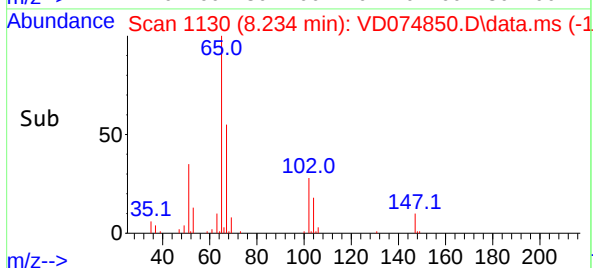
Tgt Ion: 56 Resp: 3511
Ion Ratio Lower Upper
56 100
69 160.7 29.2 43.8#
84 132.1 83.4 125.2#

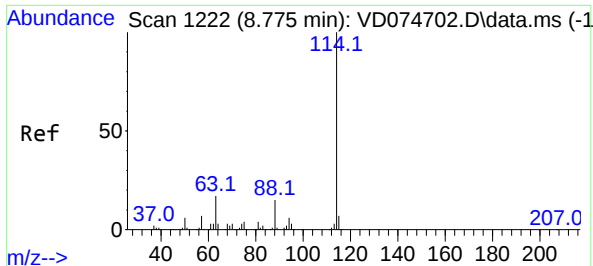


#33
1,2-Dichloroethane-d4
Concen: 49.537 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09



Tgt Ion: 65 Resp: 68432
Ion Ratio Lower Upper
65 100
67 55.2 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: VD074850.D

Acq: 10 Nov 2022 03:09

Instrument :

MSVOA_D

ClientSampleId :

TP-9

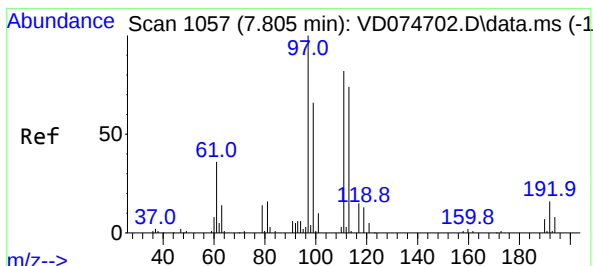
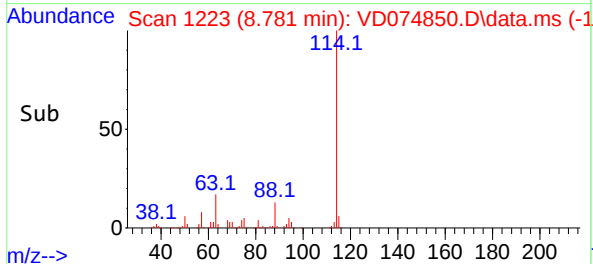
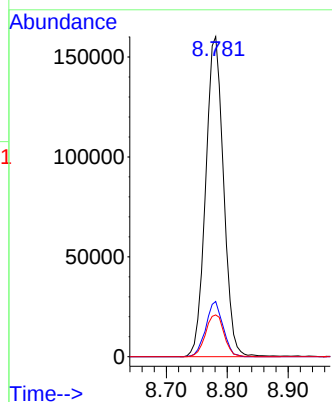
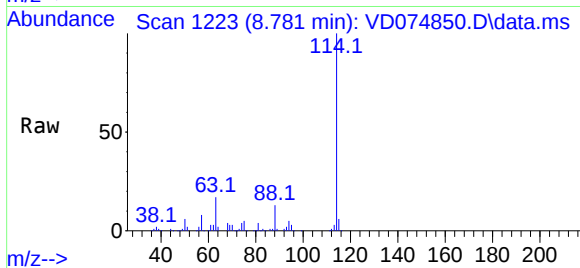
Tgt Ion:114 Resp: 327059

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.2

88 13.1 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.279 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074850.D

Acq: 10 Nov 2022 03:09

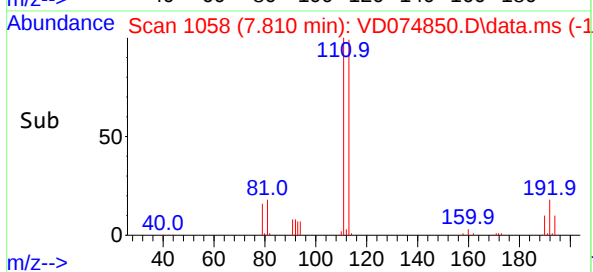
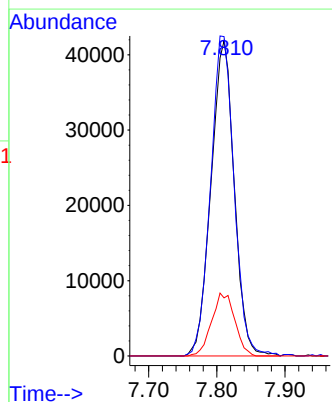
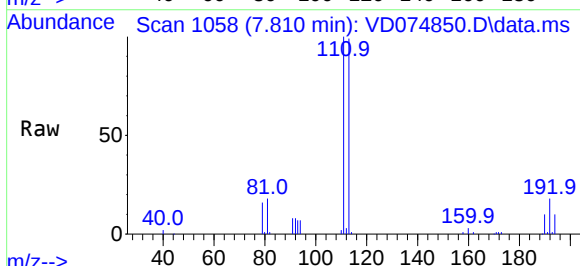
Tgt Ion:113 Resp: 99209

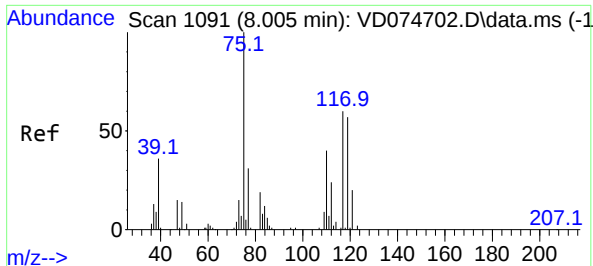
Ion Ratio Lower Upper

113 100

111 102.7 82.3 123.5

192 19.9 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.267 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.124 min

Lab File: VD074850.D

Acq: 10 Nov 2022 03:09

Instrument :

MSVOA_D

ClientSampleId :

TP-9

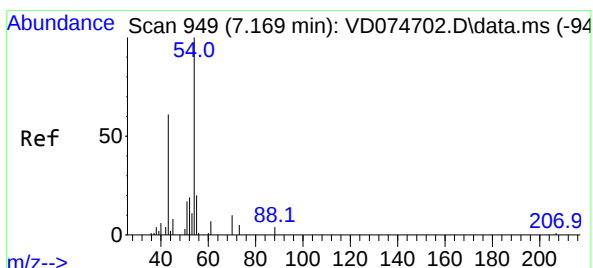
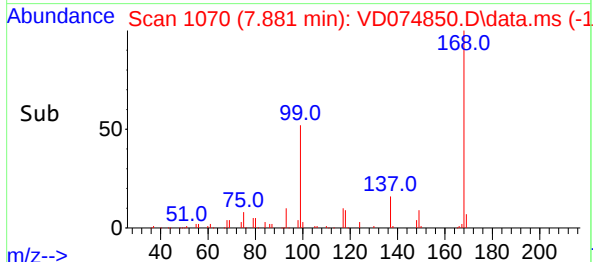
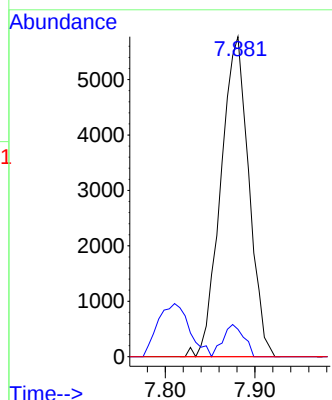
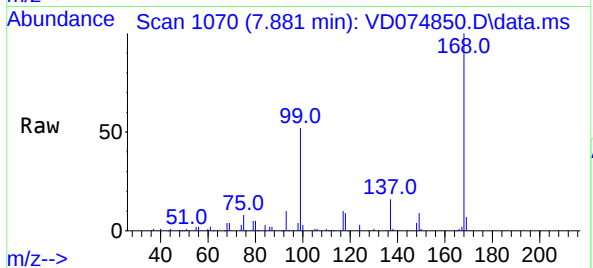
Tgt Ion: 75 Resp: 12531

Ion Ratio Lower Upper

75 100

110 7.4 19.7 59.0#

77 0.0 25.4 38.2#



#37

Ethyl Acetate

Concen: 2.447 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.088 min

Lab File: VD074850.D

Acq: 10 Nov 2022 03:09

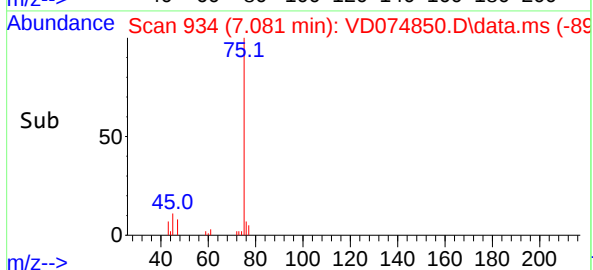
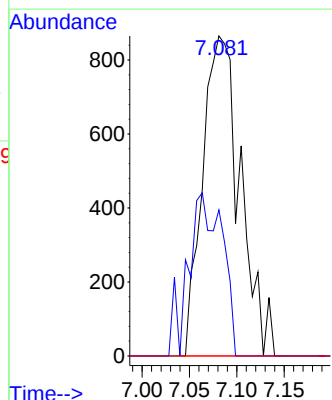
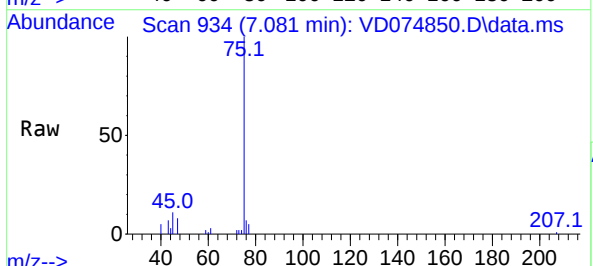
Tgt Ion: 43 Resp: 2397

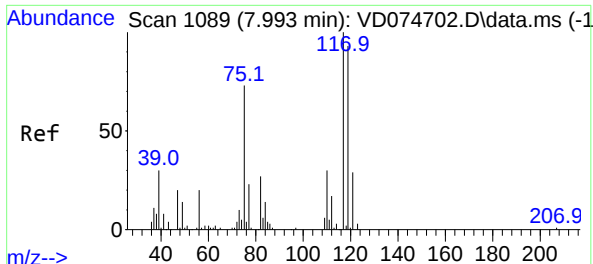
Ion Ratio Lower Upper

43 100

61 46.1 12.2 18.4#

70 0.0 9.6 14.4#

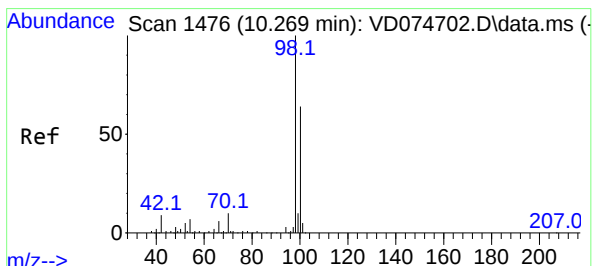
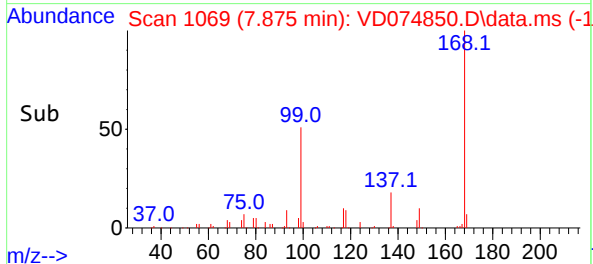
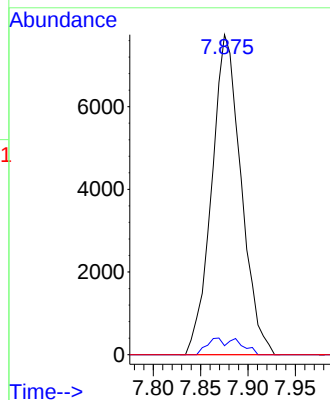
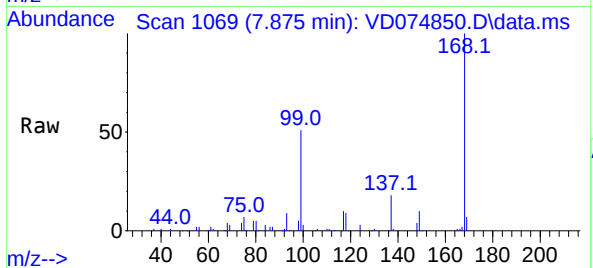




#38
Carbon Tetrachloride
Concen: 6.022 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

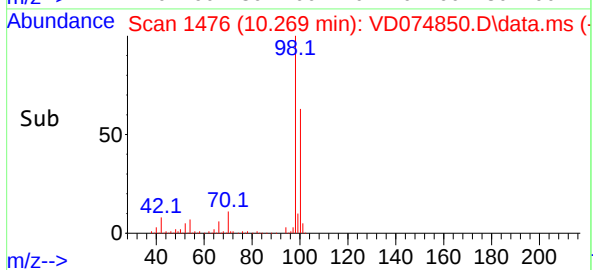
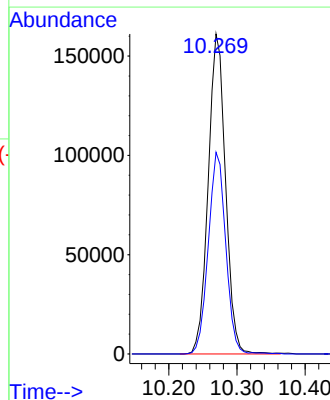
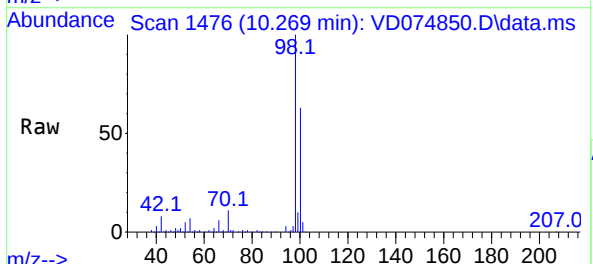
Instrument :
MSVOA_D
ClientSampleId :
TP-9

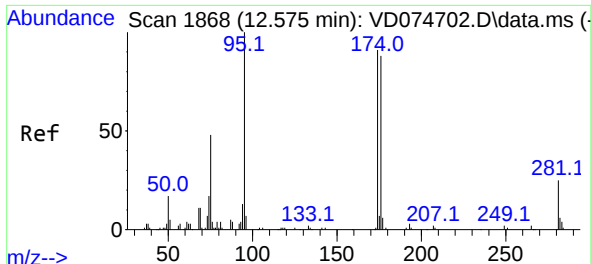
Tgt Ion:117 Resp: 16754
Ion Ratio Lower Upper
117 100
119 2.8 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 40.407 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

Tgt Ion: 98 Resp: 285159
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0

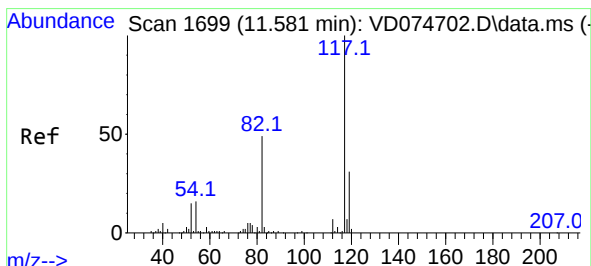
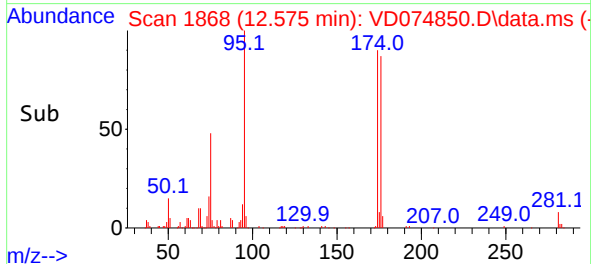
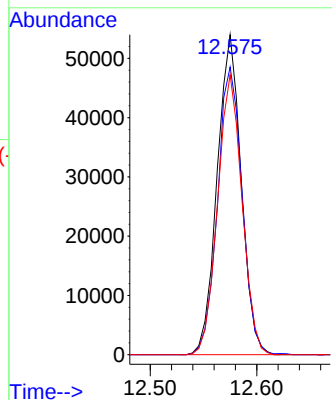
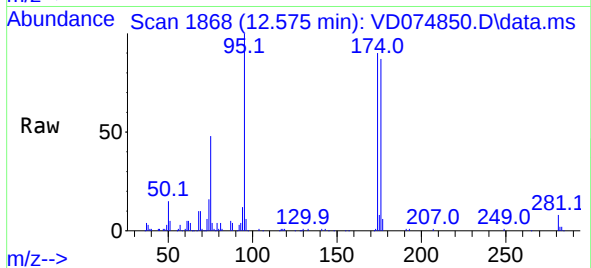




#62
4-Bromofluorobenzene
Concen: 41.489 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

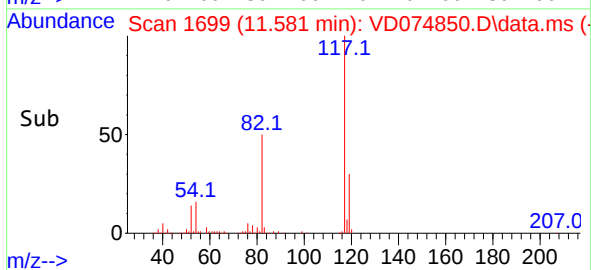
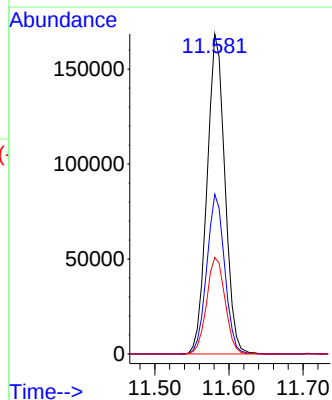
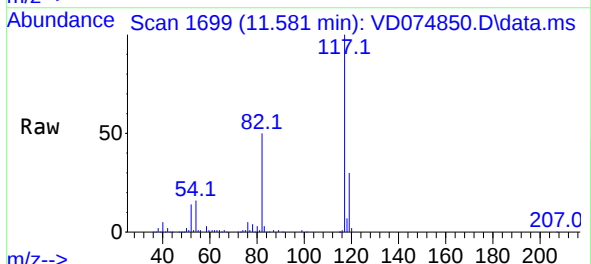
Instrument :
MSVOA_D
ClientSampleId :
TP-9

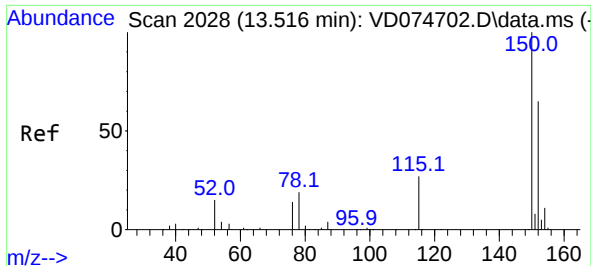
Tgt Ion:	95	Resp:	84540
Ion	Ratio	Lower	Upper
95	100		
174	91.9	0.0	197.0
176	88.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

Tgt Ion:	117	Resp:	281819
Ion	Ratio	Lower	Upper
117	100		
82	49.9	41.6	62.4
119	30.2	25.2	37.8

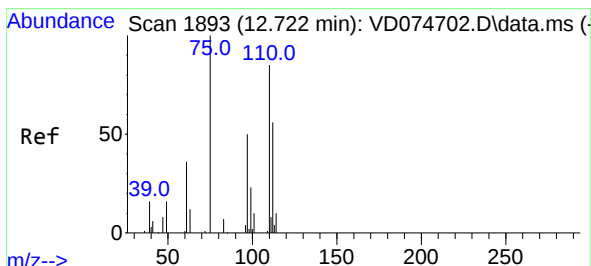
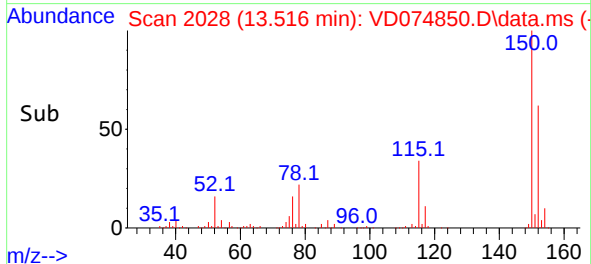
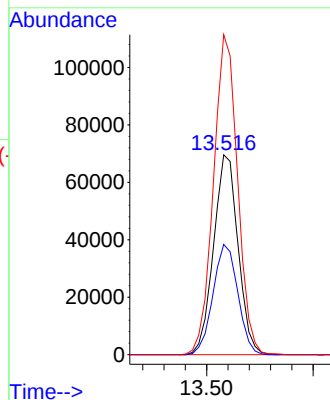
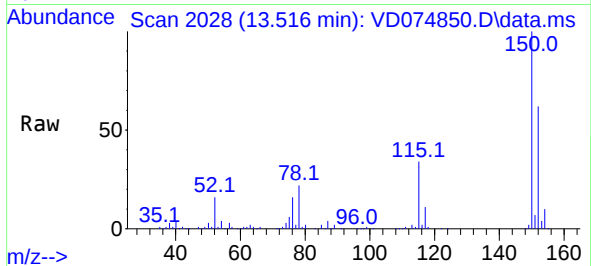




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

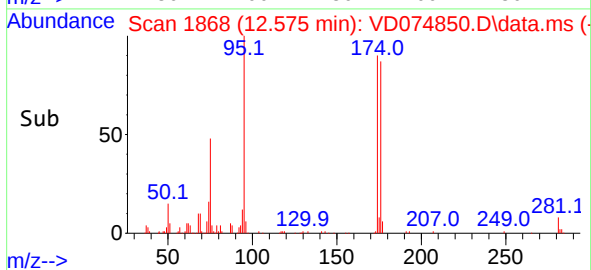
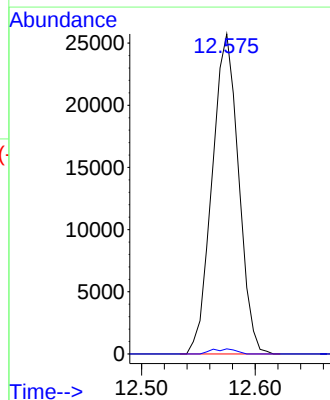
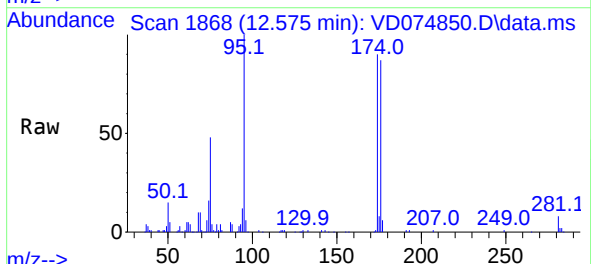
Instrument :
MSVOA_D
ClientSampleId :
TP-9

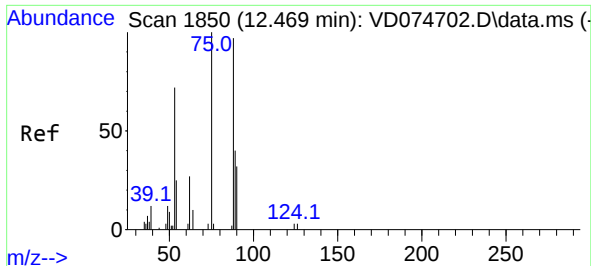
Tgt Ion:152 Resp: 110852
Ion Ratio Lower Upper
152 100
115 55.9 26.8 80.4
150 157.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 48.484 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074850.D
Acq: 10 Nov 2022 03:09

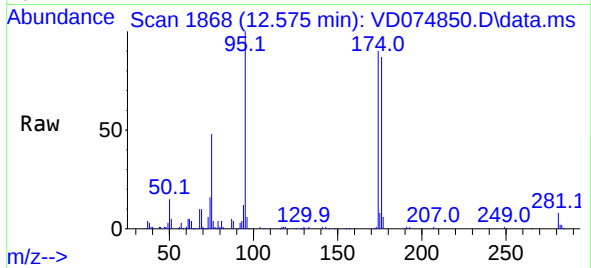
Tgt Ion: 75 Resp: 41664
Ion Ratio Lower Upper
75 100
77 1.4 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.090 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074850.D
 Acq: 10 Nov 2022 03:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9



Tgt Ion:	75	Resp:	41664
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

