

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074962.D
 Acq On : 17 Nov 2022 11:46
 Operator : VA/SY
 Sample : VD1117SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBL01

Quant Time: Nov 17 22:34:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

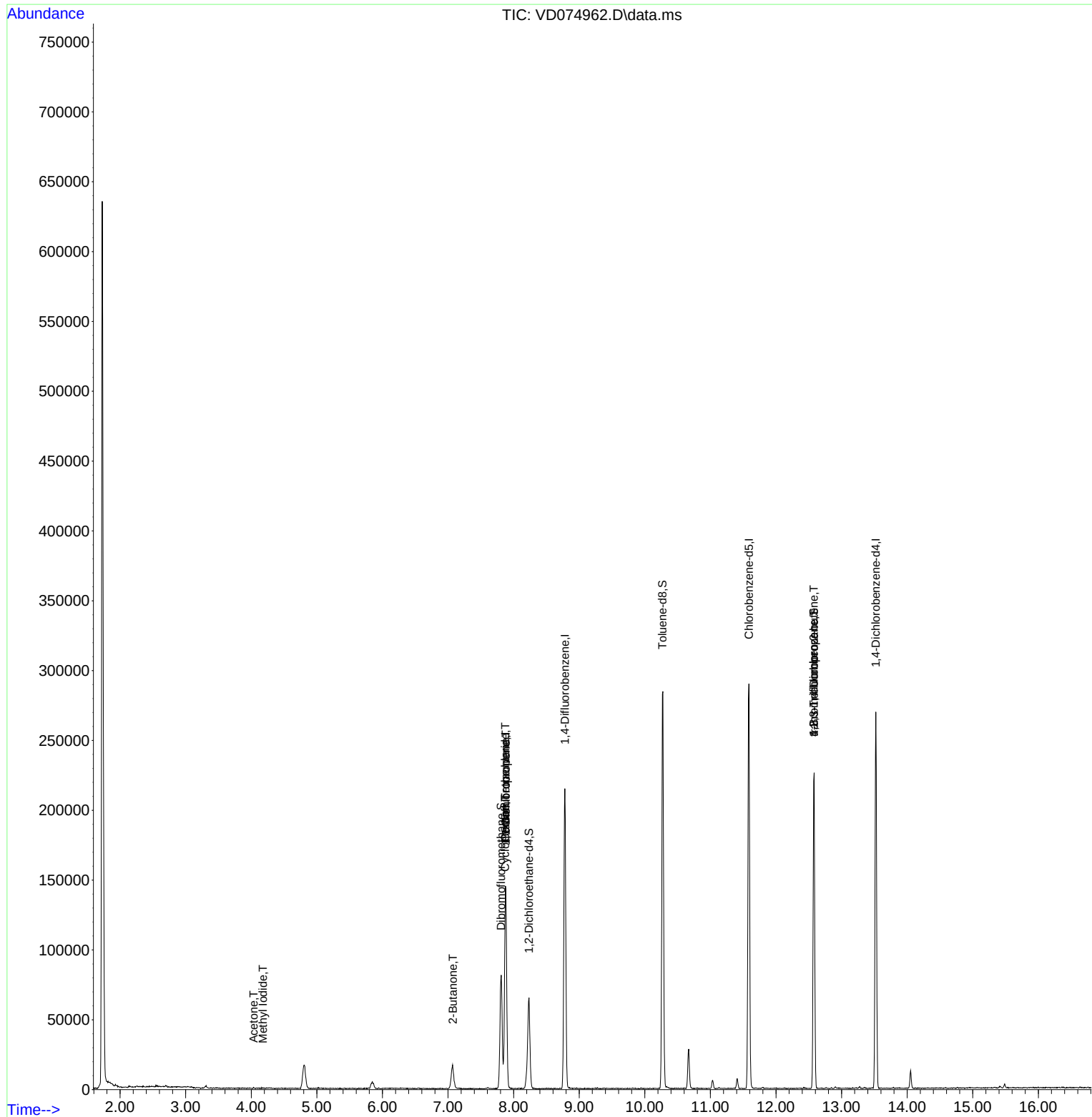
Internal Standards						
1) Pentafluorobenzene	7.875	168	119660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	209703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	186736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	77712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48958	63.131	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.260%
35) Dibromofluoromethane	7.810	113	61070	47.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.480%
50) Toluene-d8	10.269	98	210393	49.410	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.575	95	61464	47.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.020%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	538	Below Cal		91
3) Chloromethane	2.146	50	574	Below Cal	#	37
5) Bromomethane	2.699	94	794	Below Cal	#	72
10) Methyl Iodide	4.175	142	253	4.927 ug/l	#	43
11) Tert butyl alcohol	5.040	59	56	Below Cal	#	84
16) Acetone	4.034	43	217	1.099 ug/l	#	37
20) Methylene Chloride	4.799	84	14892	Below Cal		93
25) 2-Butanone	7.075	43	487	1.885 ug/l	#	42
31) Cyclohexane	7.869	56	2398	1.375 ug/l	#	35
36) 1,1-Dichloropropene	7.881	75	8492	4.470 ug/l	#	46
38) Carbon Tetrachloride	7.875	117	10934	6.114 ug/l	#	18
76) 1,2,3-Trichloropropane	12.575	75	31636	48.672 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.575	75	31636	119.734 ug/l	#	17

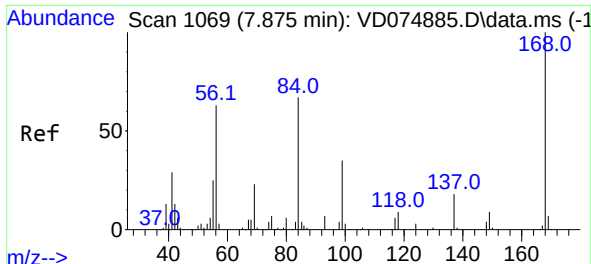
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
Data File : VD074962.D
Acq On : 17 Nov 2022 11:46
Operator : VA/SY
Sample : VD1117SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

Quant Time: Nov 17 22:34:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 14 00:51:58 2022
Response via : Initial Calibration

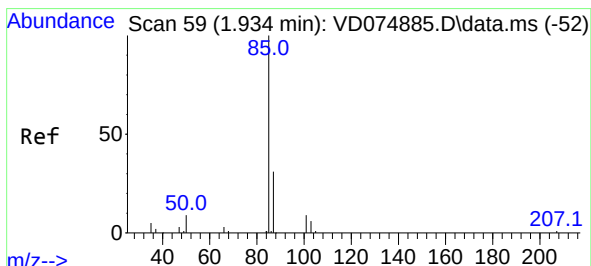
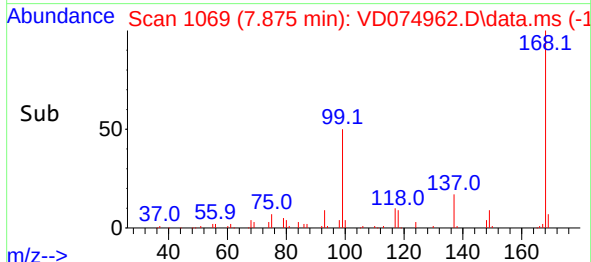
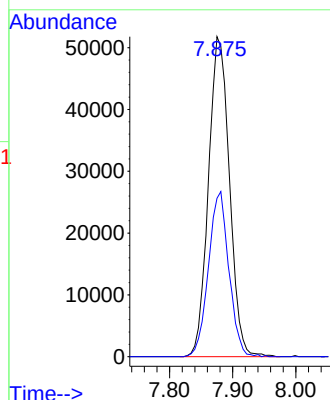
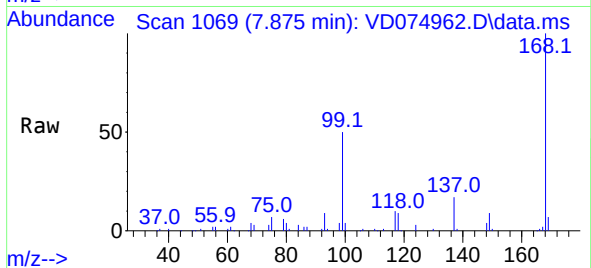




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

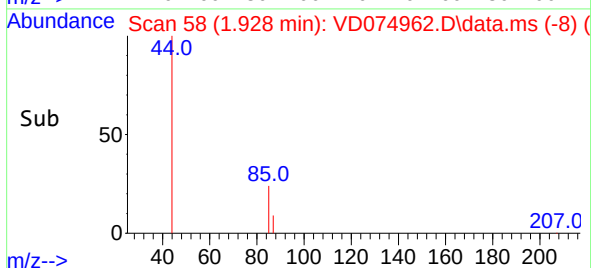
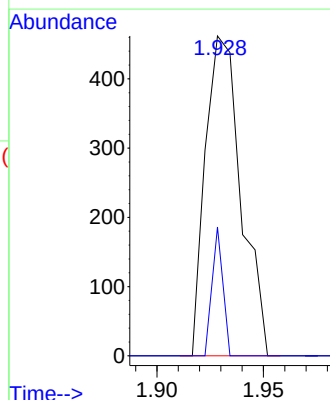
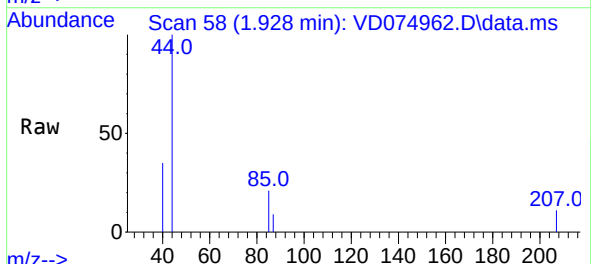
Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

Tgt Ion:168 Resp: 119660
Ion Ratio Lower Upper
168 100
99 49.5 40.9 61.3

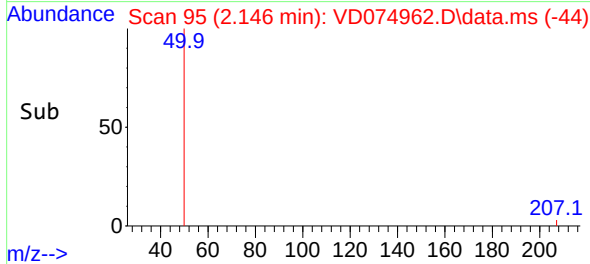
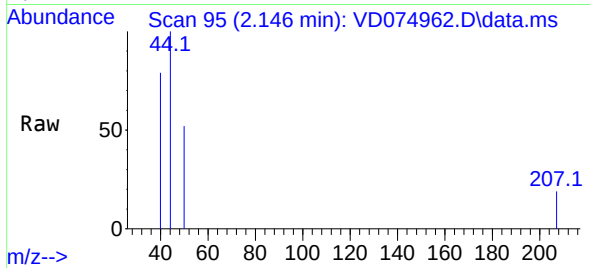
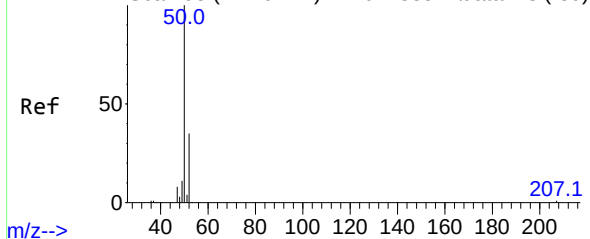


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

Tgt Ion: 85 Resp: 538
Ion Ratio Lower Upper
85 100
87 40.3 17.5 52.6



Abundance Scan 95 (2.146 min): VD074885.D\data.ms (-89)



#3

Chloromethane

Concen: Below Cal

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074962.D

Acq: 17 Nov 2022 11:46

Instrument :

MSVOA_D

ClientSampleId :

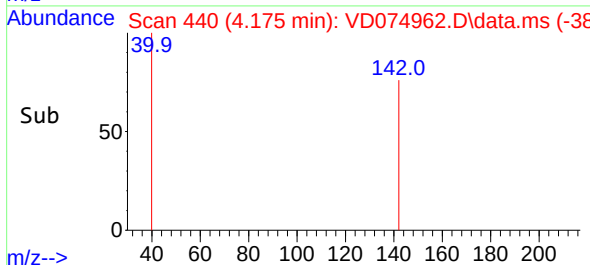
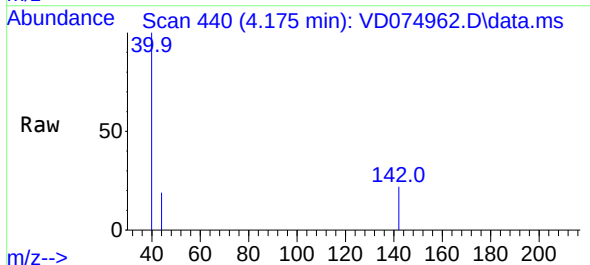
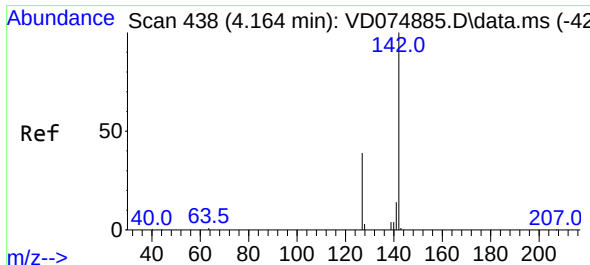
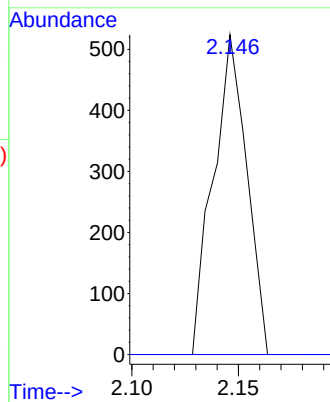
VD1117SBL01

Tgt Ion: 50 Resp: 574

Ion Ratio Lower Upper

50 100

52 0.0 30.0 45.0#



#10

Methyl Iodide

Concen: 4.927 ug/l

RT: 4.175 min Scan# 440

Delta R.T. 0.011 min

Lab File: VD074962.D

Acq: 17 Nov 2022 11:46

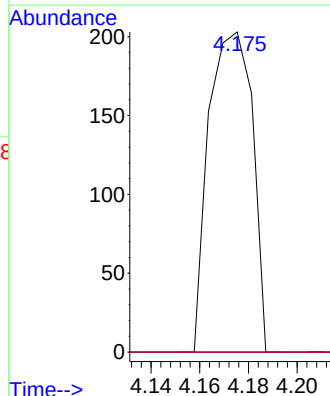
Tgt Ion: 142 Resp: 253

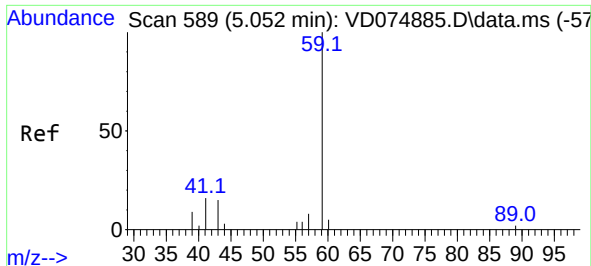
Ion Ratio Lower Upper

142 100

127 0.0 31.9 47.9#

141 0.0 11.4 17.2#

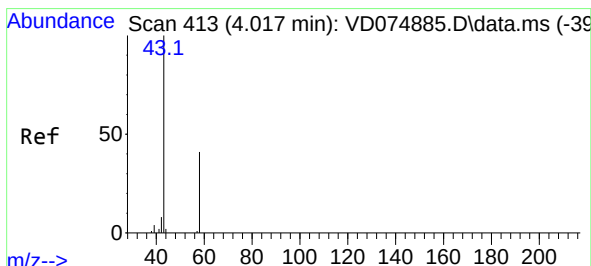
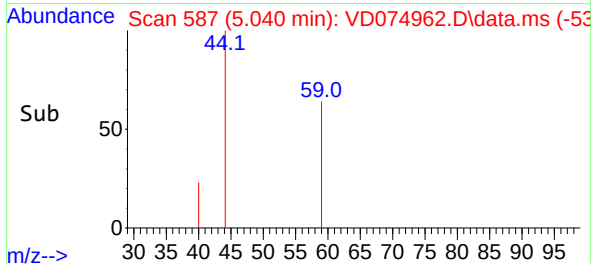
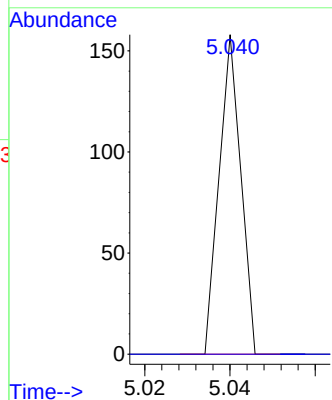
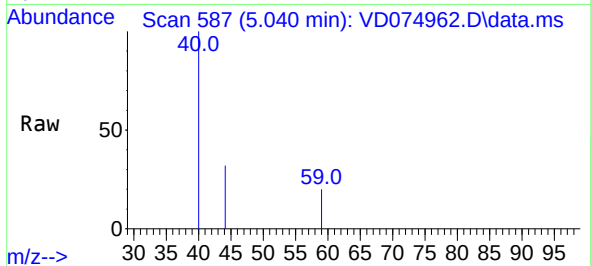




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.040 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

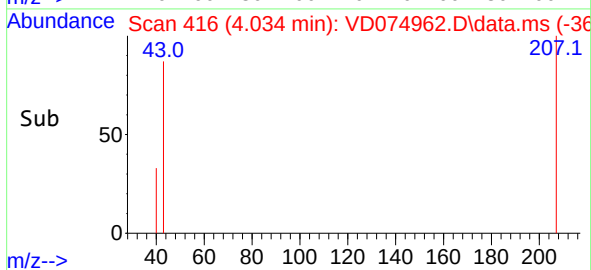
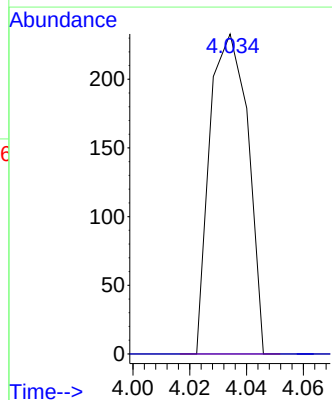
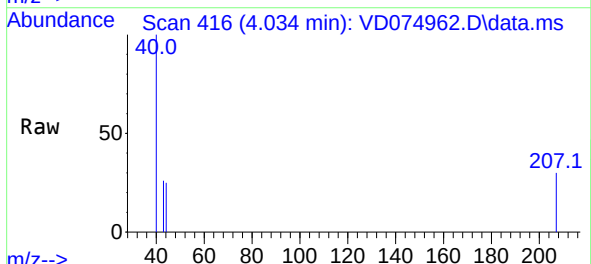
Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

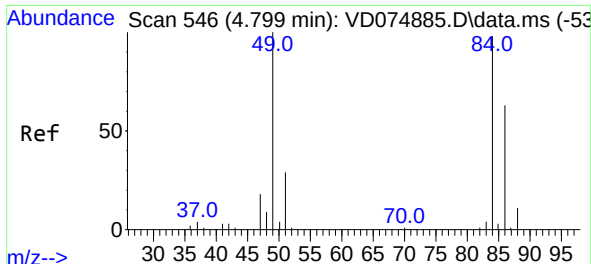
Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 1.099 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



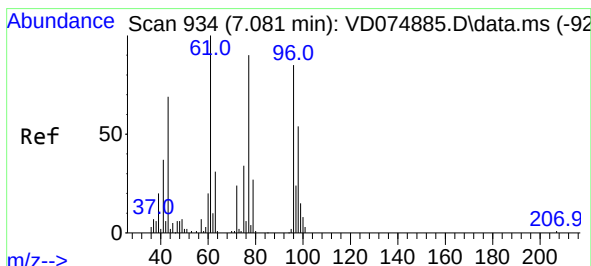
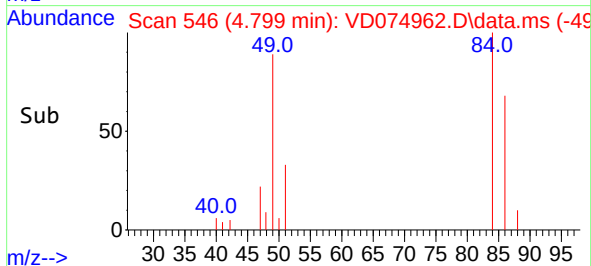
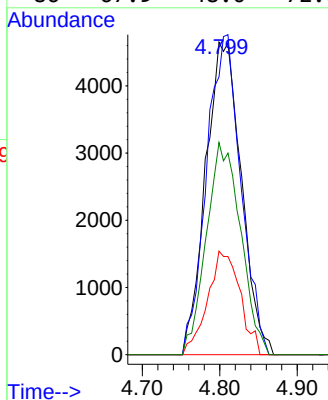
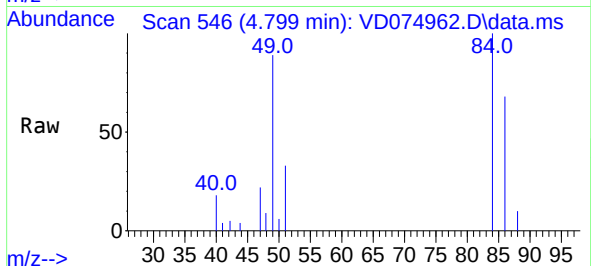


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

Tgt Ion: 84 Resp: 14892

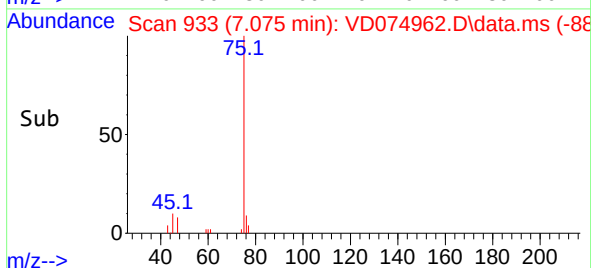
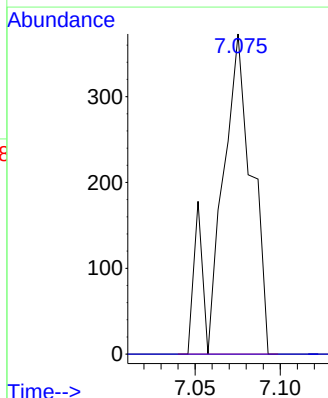
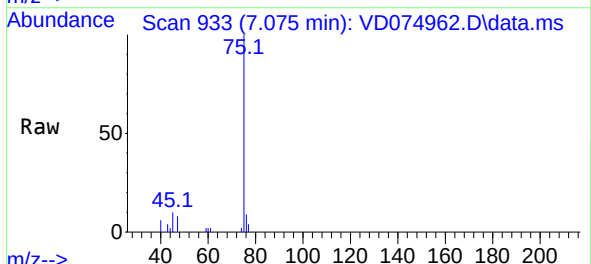
Ion	Ratio	Lower	Upper
84	100		
49	88.9	68.0	102.0
51	33.1	23.2	34.8
86	67.9	48.0	72.0

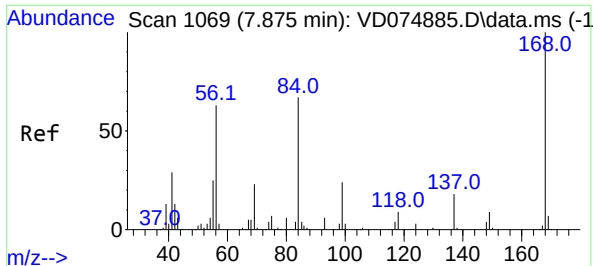


#25
2-Butanone
Concen: 1.885 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

Tgt Ion: 43 Resp: 487

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8





#31

Cyclohexane

Concen: 1.375 ug/l

RT: 7.869 min Scan# 110

Delta R.T. -0.006 min

Lab File: VD074962.D

Acq: 17 Nov 2022 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBL01

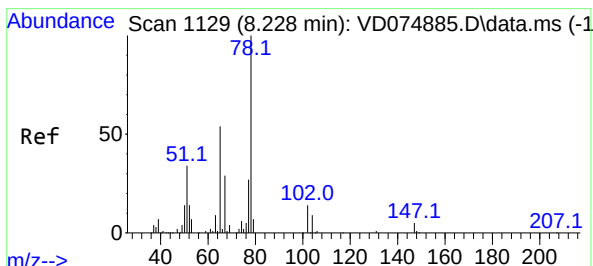
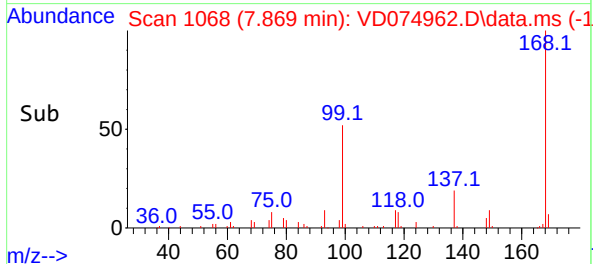
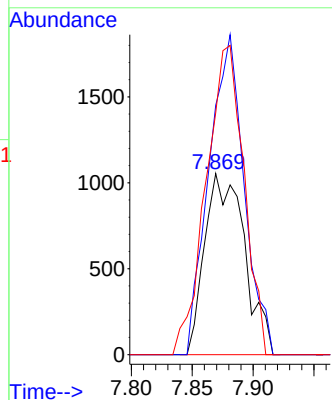
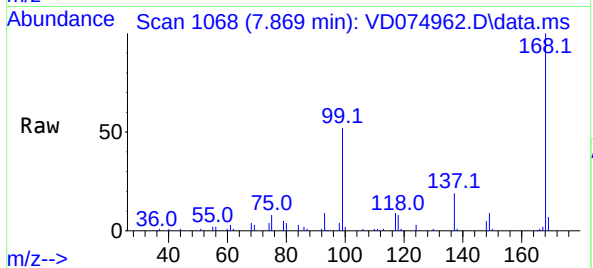
Tgt Ion: 56 Resp: 2398

Ion Ratio Lower Upper

56 100

69 137.7 29.2 43.8#

84 133.6 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 63.131 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074962.D

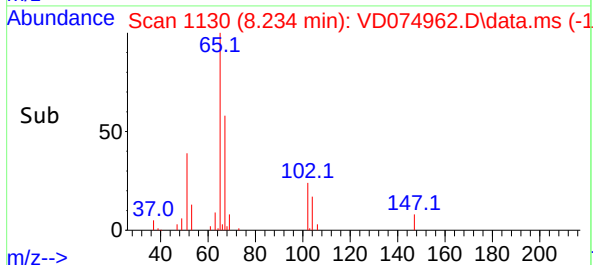
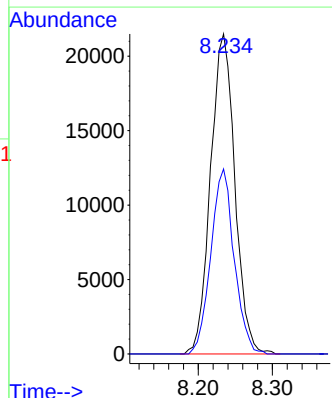
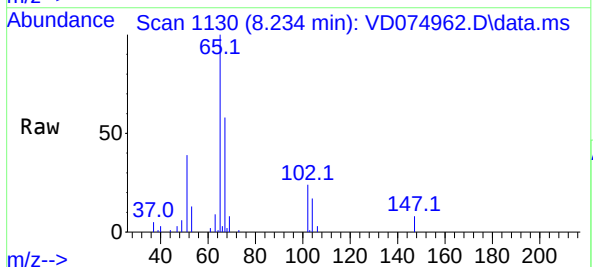
Acq: 17 Nov 2022 11:46

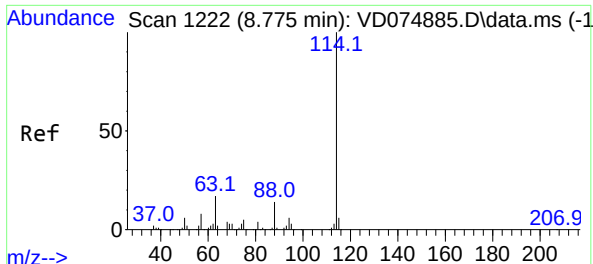
Tgt Ion: 65 Resp: 48958

Ion Ratio Lower Upper

65 100

67 55.6 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: VD074962.D

Acq: 17 Nov 2022 11:46

Instrument :

MSVOA_D

ClientSampleId :

VD1117SBL01

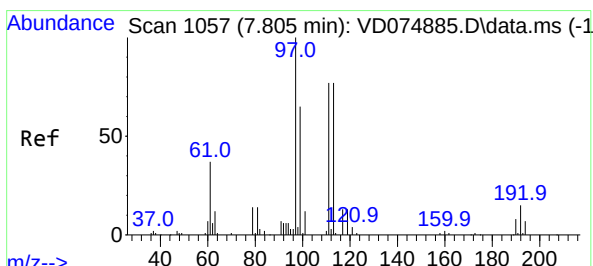
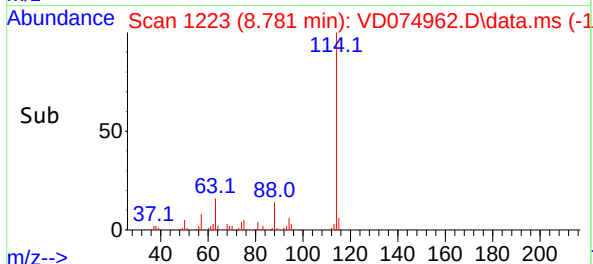
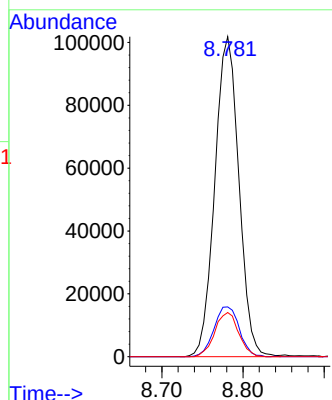
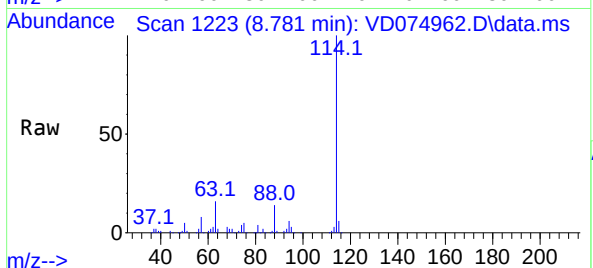
Tgt Ion:114 Resp: 209703

Ion Ratio Lower Upper

114 100

63 15.6 0.0 33.2

88 13.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 47.243 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074962.D

Acq: 17 Nov 2022 11:46

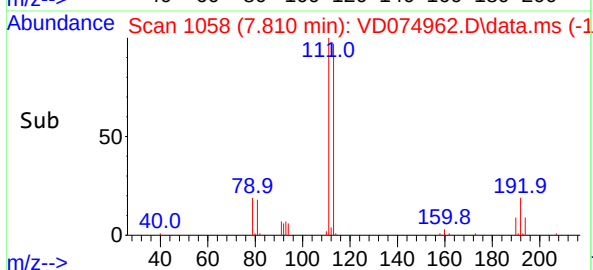
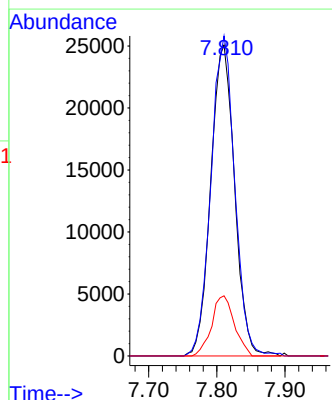
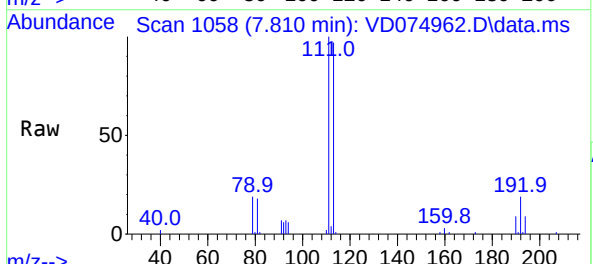
Tgt Ion:113 Resp: 61070

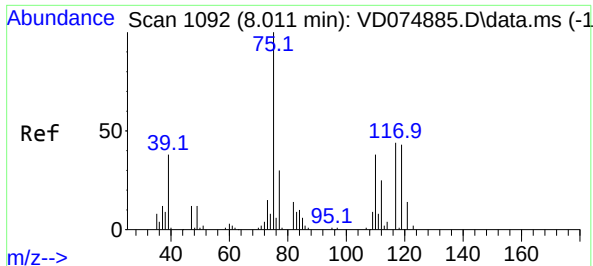
Ion Ratio Lower Upper

113 100

111 102.9 82.3 123.5

192 18.4 16.4 24.6

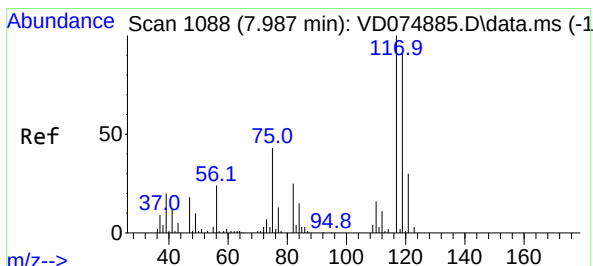
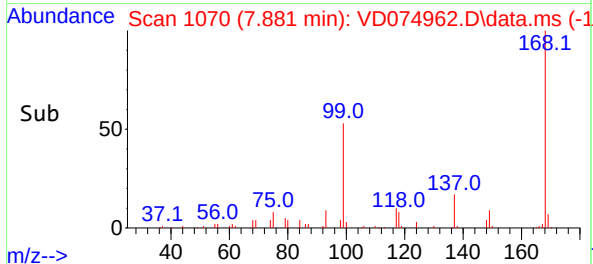
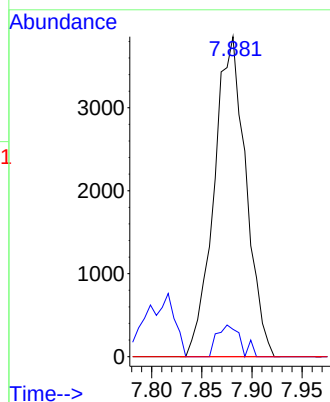
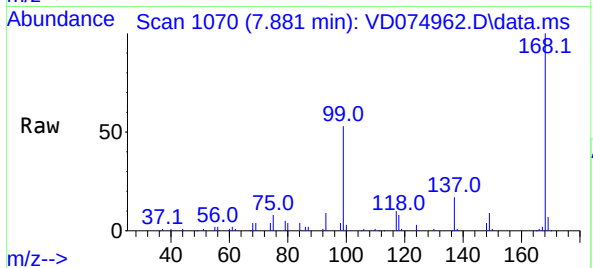




#36
1,1-Dichloropropene
Concen: 4.470 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

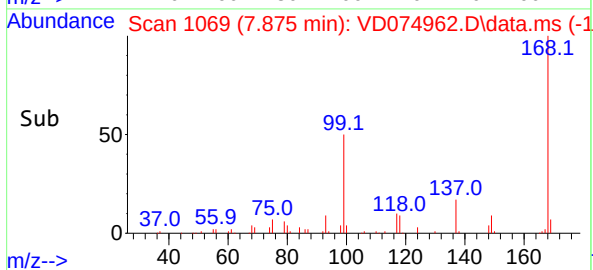
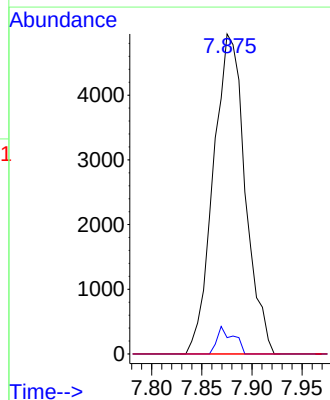
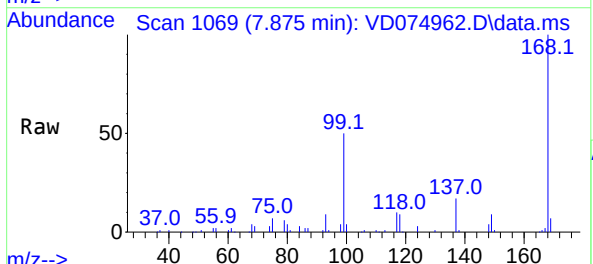
Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

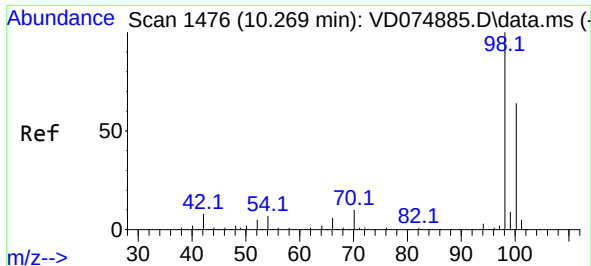
Tgt Ion: 75 Resp: 8492
Ion Ratio Lower Upper
75 100
110 7.4 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.114 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

Tgt Ion: 117 Resp: 10934
Ion Ratio Lower Upper
117 100
119 5.1 73.1 109.7#
121 0.0 25.0 37.6#

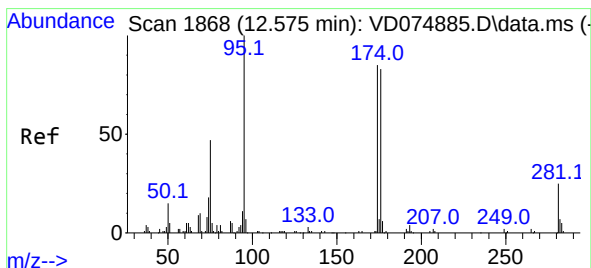
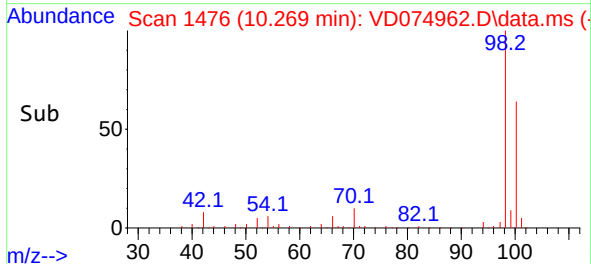
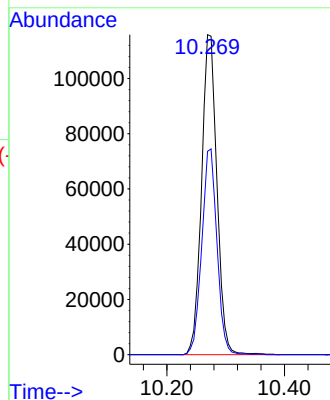
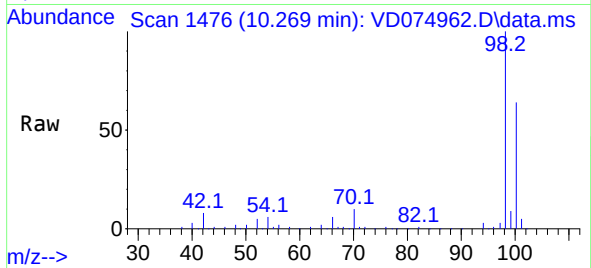




#50
Toluene-d8
Concen: 49.410 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

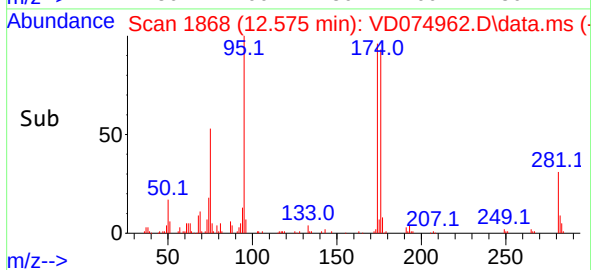
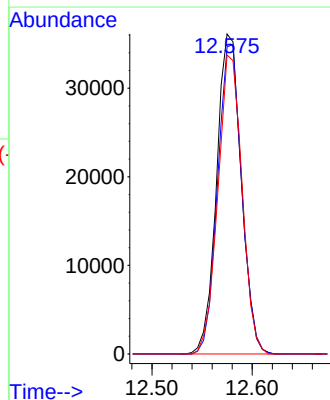
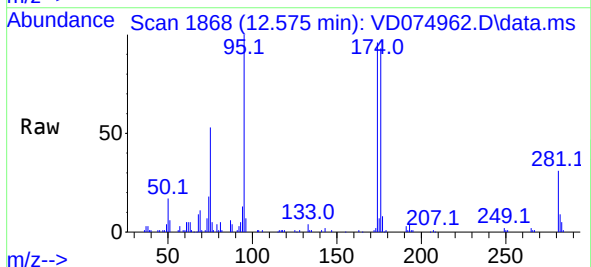
Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

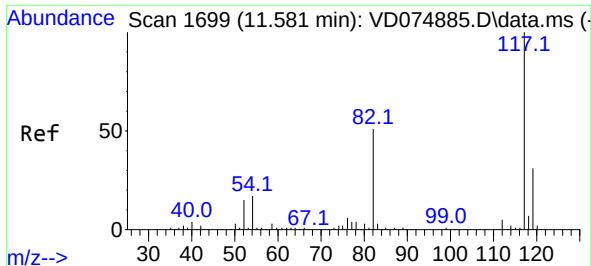
Tgt Ion: 98 Resp: 210393
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.008 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

Tgt Ion: 95 Resp: 61464
Ion Ratio Lower Upper
95 100
174 94.4 0.0 197.0
176 91.5 0.0 182.6

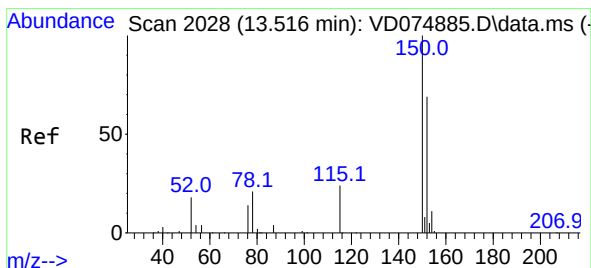
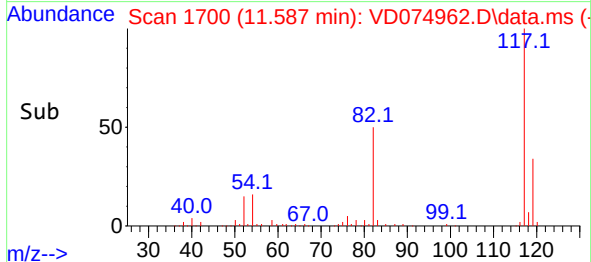
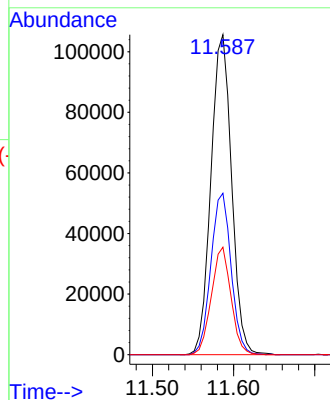
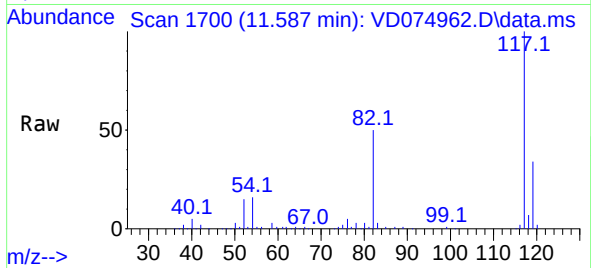




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

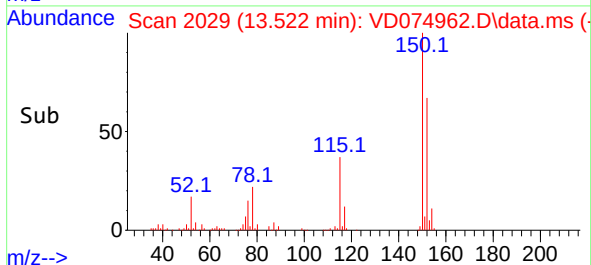
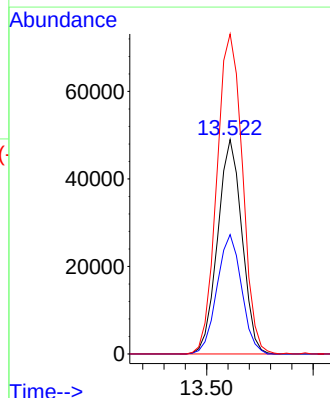
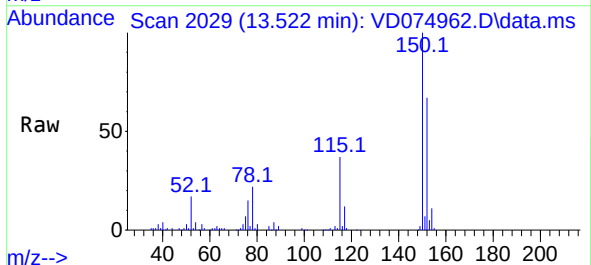
Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

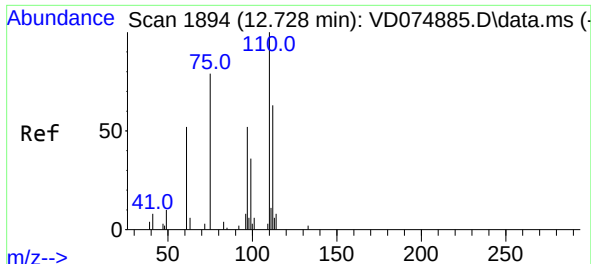
Tgt Ion:117 Resp: 186736
Ion Ratio Lower Upper
117 100
82 50.4 41.6 62.4
119 33.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

Tgt Ion:152 Resp: 77712
Ion Ratio Lower Upper
152 100
115 56.2 26.8 80.4
150 157.2 0.0 348.2

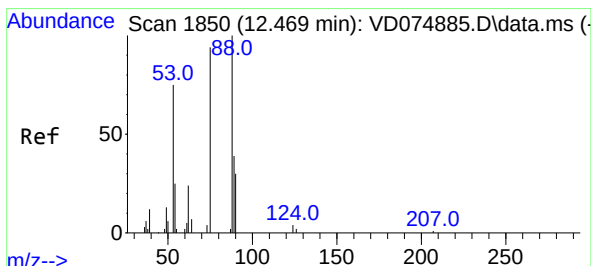
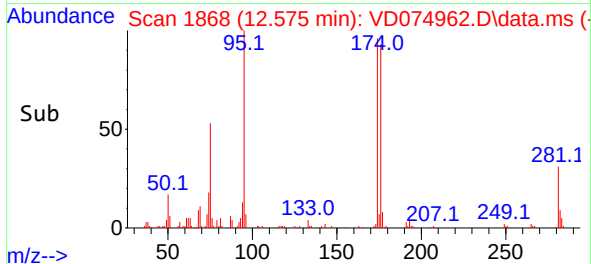
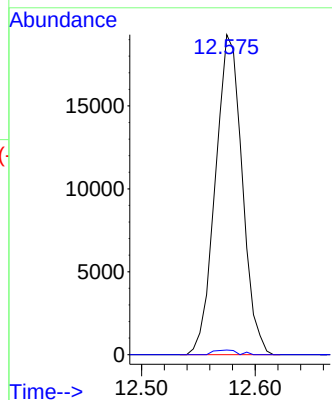
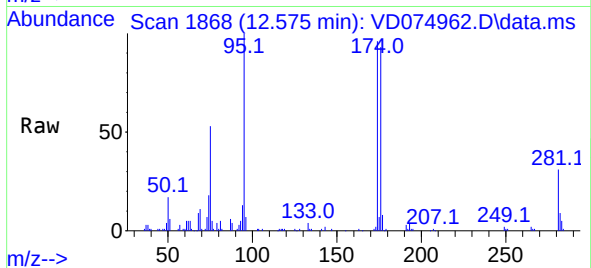




#76
1,2,3-Trichloropropane
Concen: 48.672 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD1117SBL01

Tgt Ion: 75 Resp: 31636
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.734 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074962.D
Acq: 17 Nov 2022 11:46

Tgt Ion: 75 Resp: 31636
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

