

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074926.D
 Acq On : 14 Nov 2022 11:23
 Operator : VA/SY
 Sample : VD1114SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1114SBL01

Quant Time: Nov 15 00:15:19 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)

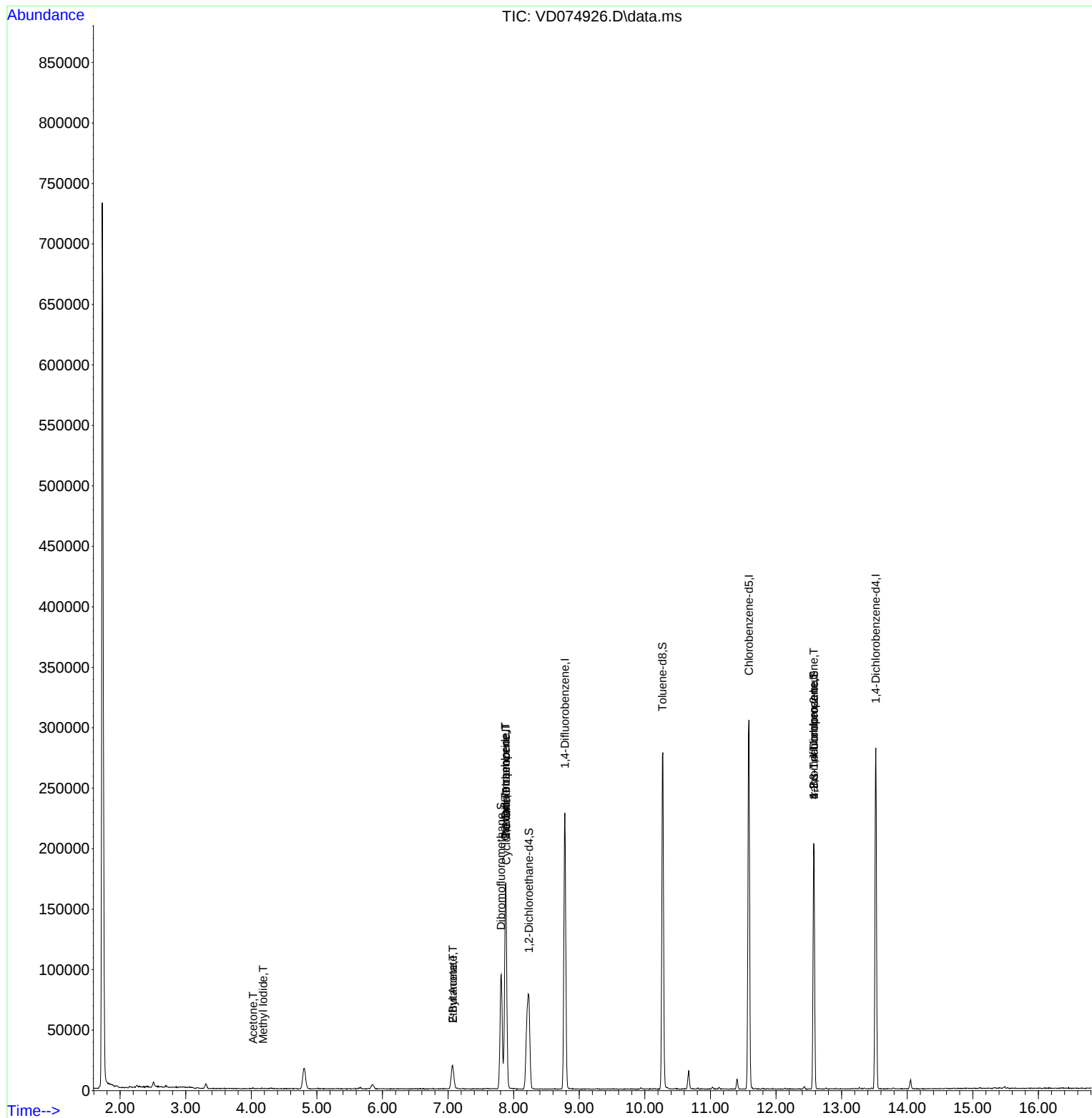
Internal Standards						
1) Pentafluorobenzene	7.881	168	141934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	218037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	194507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	80803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49933	53.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.680%	
35) Dibromofluoromethane	7.810	113	70692	52.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.269	98	206063	46.543	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.080%	
62) 4-Bromofluorobenzene	12.575	95	61232	45.040	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.080%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	585	Below Cal		92
3) Chloromethane	2.146	50	771	Below Cal		100
5) Bromomethane	2.705	94	950	Below Cal		86
10) Methyl Iodide	4.181	142	551	5.059 ug/l	#	59
11) Tert butyl alcohol	5.028	59	62	Below Cal	#	84
16) Acetone	4.028	43	662	2.825 ug/l	#	37
20) Methylene Chloride	4.811	84	15293	Below Cal		94
25) 2-Butanone	7.075	43	787	2.569 ug/l	#	42
31) Cyclohexane	7.887	56	2593	1.253 ug/l	#	17
36) 1,1-Dichloropropene	7.881	75	10026	5.076 ug/l	#	45
37) Ethyl Acetate	7.075	43	787	1.187 ug/l	#	1
38) Carbon Tetrachloride	7.875	117	13562	7.294 ug/l	#	16
76) 1,2,3-Trichloropropane	12.575	75	30397	44.977 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.575	75	30397	110.644 ug/l	#	17

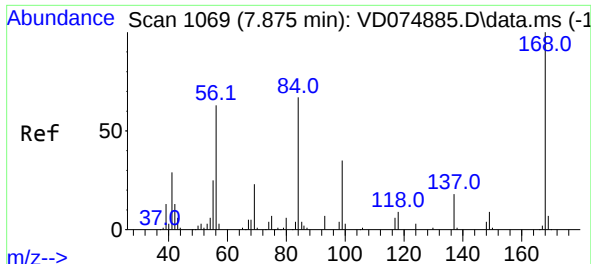
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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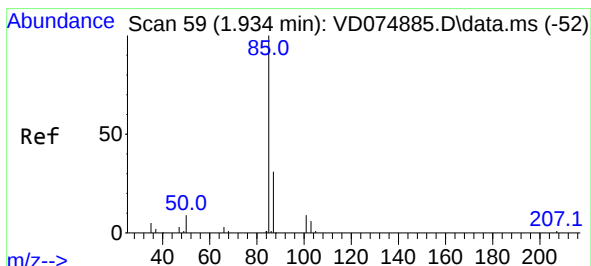
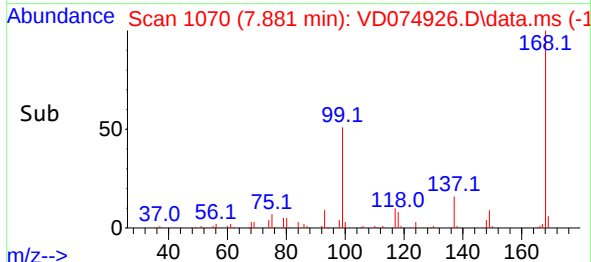
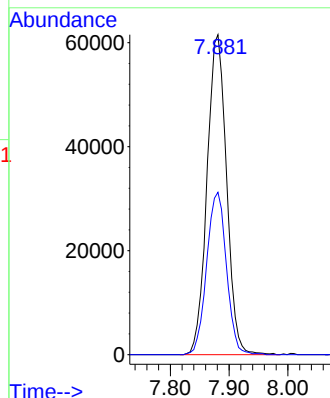
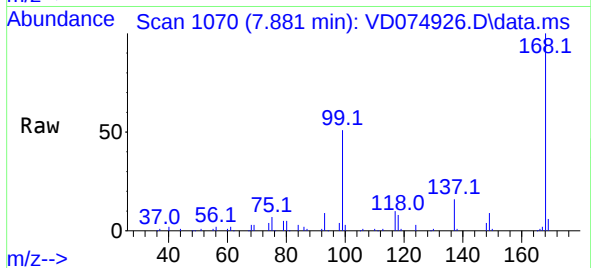




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

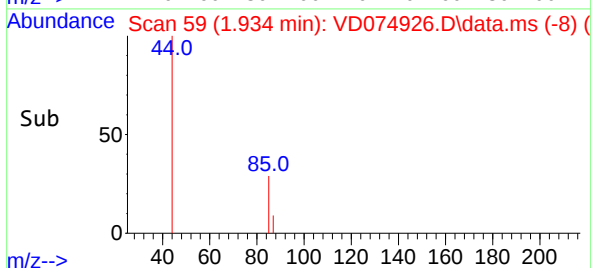
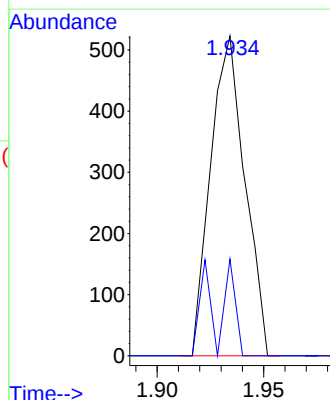
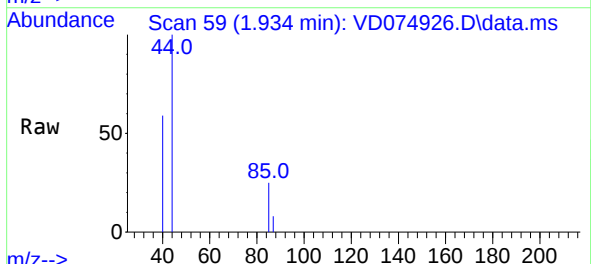
Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Tgt Ion:168 Resp: 141934
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3

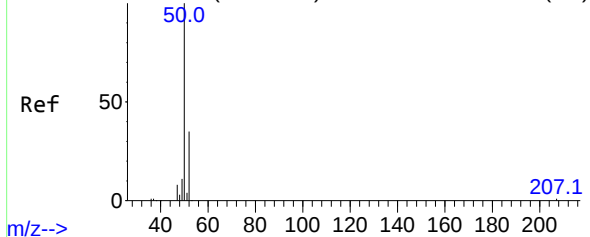


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

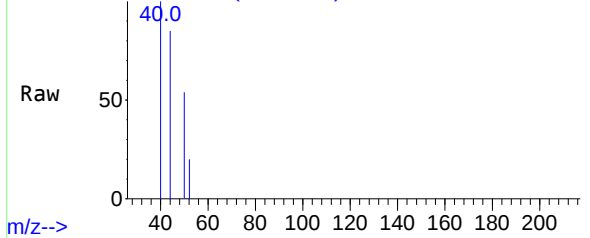
Tgt Ion: 85 Resp: 585
Ion Ratio Lower Upper
85 100
87 30.2 17.5 52.6



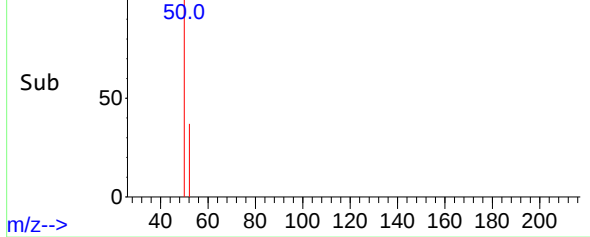
Abundance Scan 95 (2.146 min): VD074885.D\data.ms (-89)



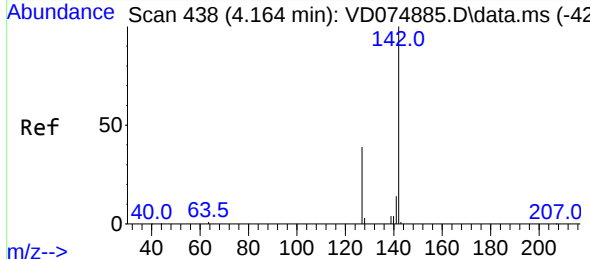
m/z--> Abundance Scan 95 (2.146 min): VD074926.D\data.ms



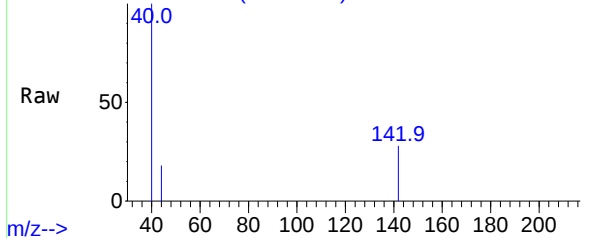
m/z--> Abundance Scan 95 (2.146 min): VD074926.D\data.ms (-44)



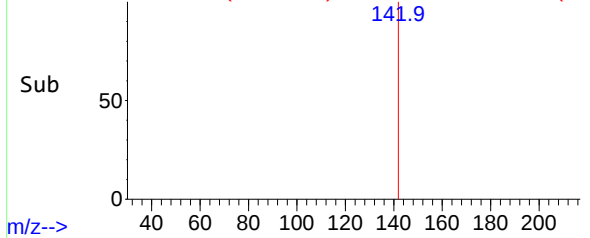
m/z--> Abundance Scan 438 (4.164 min): VD074885.D\data.ms (-42)



m/z--> Abundance Scan 441 (4.181 min): VD074926.D\data.ms



m/z--> Abundance Scan 441 (4.181 min): VD074926.D\data.ms (-38)



m/z--> Abundance

#3

Chloromethane

Concen: Below Cal

RT: 2.146 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074926.D

Acq: 14 Nov 2022 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1114SBL01

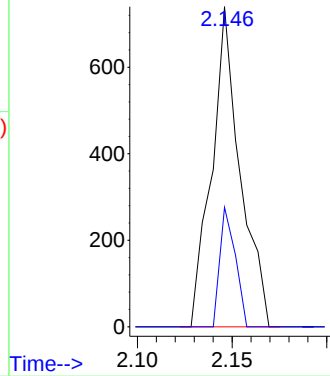
Tgt Ion: 50 Resp: 771

Ion Ratio Lower Upper

50 100

52 37.3 30.0 45.0

Abundance



#10

Methyl Iodide

Concen: 5.059 ug/l

RT: 4.181 min Scan# 441

Delta R.T. 0.017 min

Lab File: VD074926.D

Acq: 14 Nov 2022 11:23

Tgt Ion:142 Resp: 551

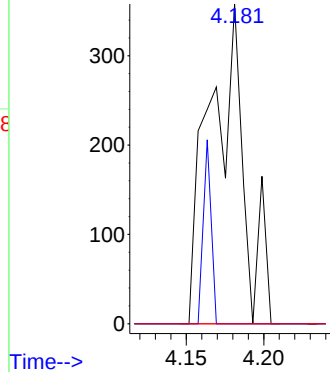
Ion Ratio Lower Upper

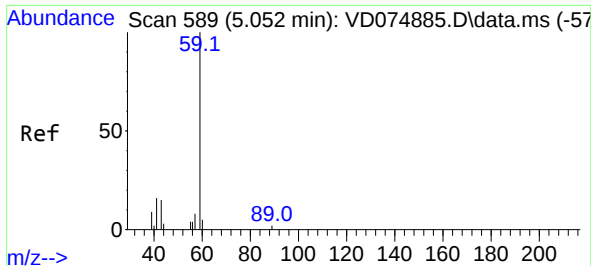
142 100

127 13.2 31.9 47.9#

141 0.0 11.4 17.2#

Abundance





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.028 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD074926.D

Acq: 14 Nov 2022 11:23

Instrument :

MSVOA_D

ClientSampleId :

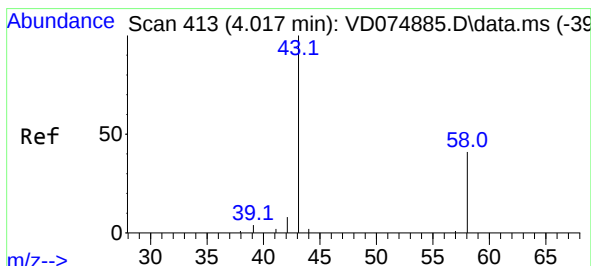
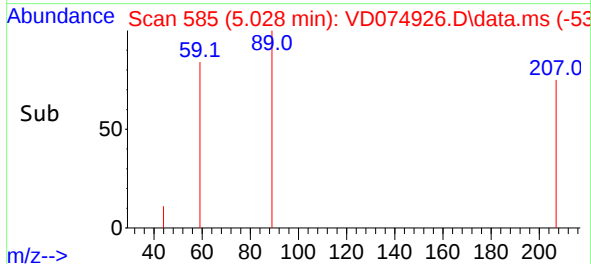
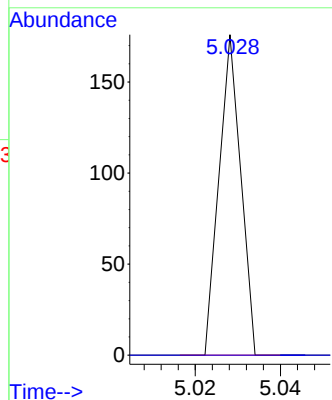
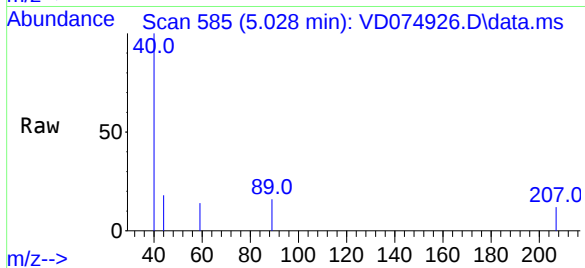
VD1114SBL01

Tgt Ion: 59 Resp: 62

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 2.825 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.011 min

Lab File: VD074926.D

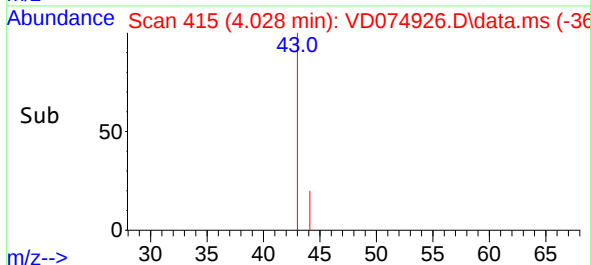
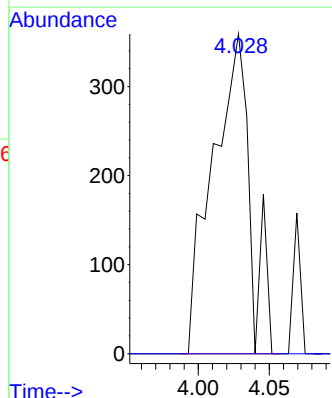
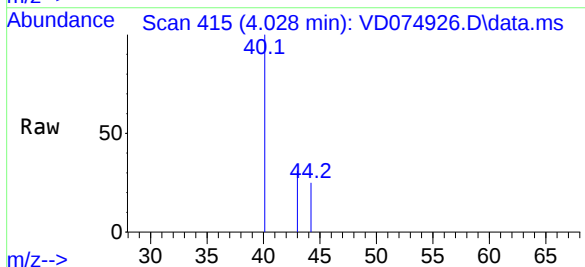
Acq: 14 Nov 2022 11:23

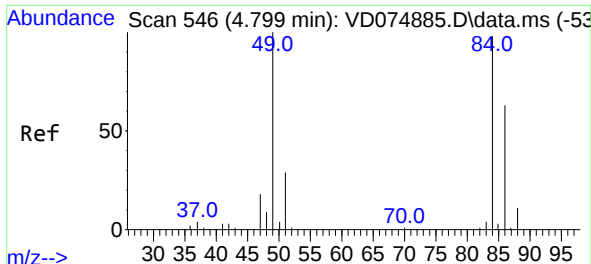
Tgt Ion: 43 Resp: 662

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



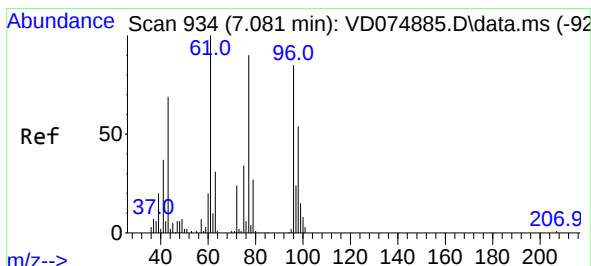
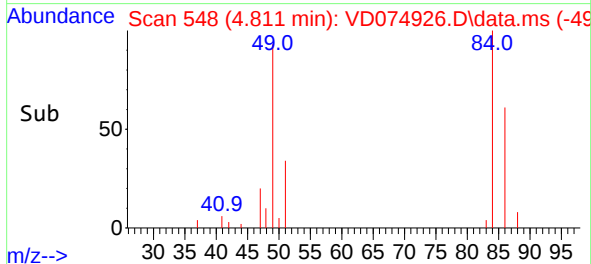
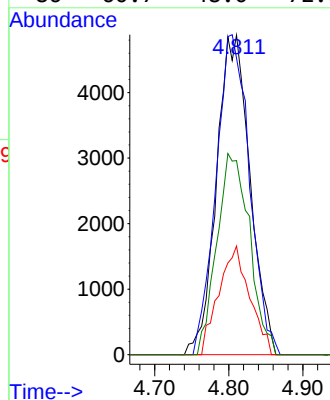
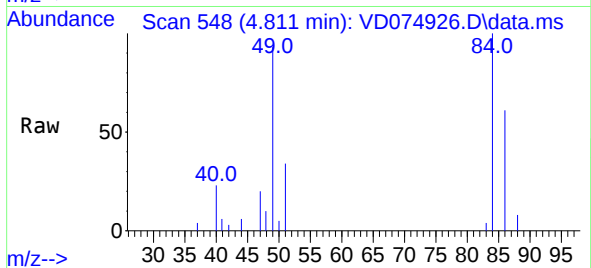


#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Tgt Ion: 84 Resp: 15293

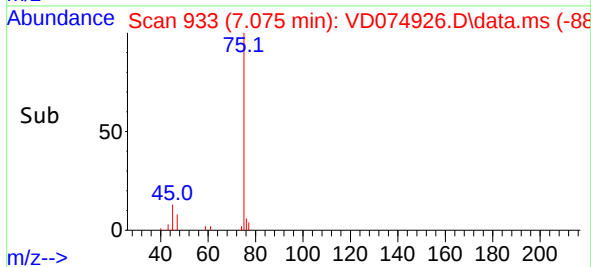
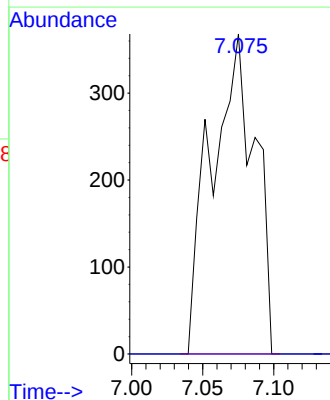
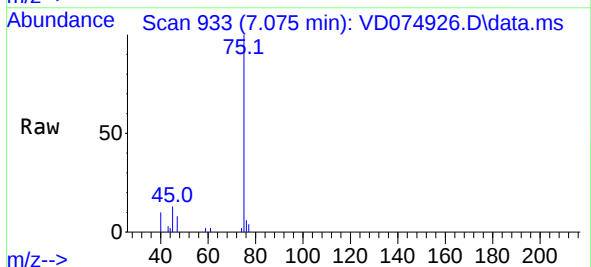
Ion	Ratio	Lower	Upper
84	100		
49	92.9	68.0	102.0
51	34.0	23.2	34.8
86	60.7	48.0	72.0

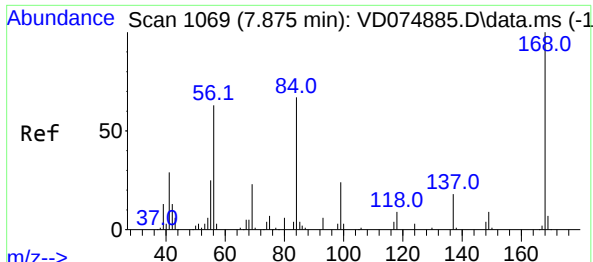


#25
2-Butanone
Concen: 2.569 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

Tgt Ion: 43 Resp: 787

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#





#31

Cyclohexane

Concen: 1.253 ug/l

RT: 7.887 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VD074926.D

Acq: 14 Nov 2022 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1114SBL01

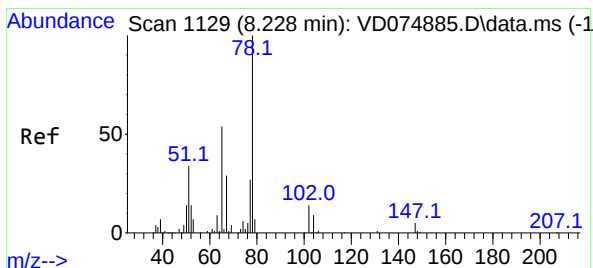
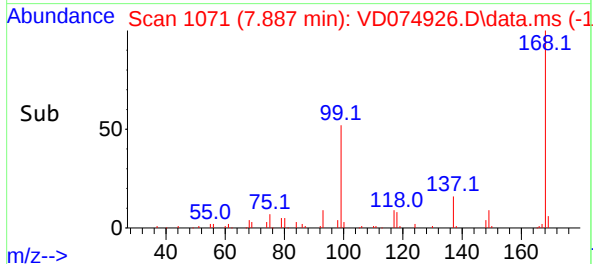
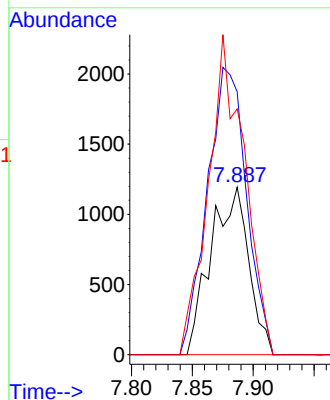
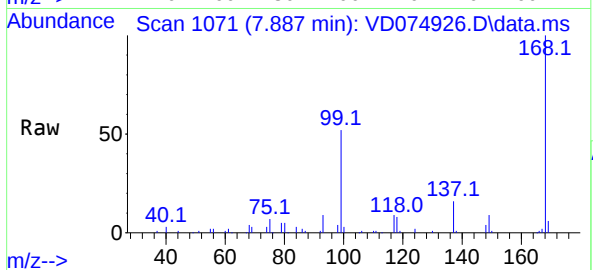
Tgt Ion: 56 Resp: 2593

Ion Ratio Lower Upper

56 100

69 156.9 29.2 43.8#

84 146.6 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 53.342 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074926.D

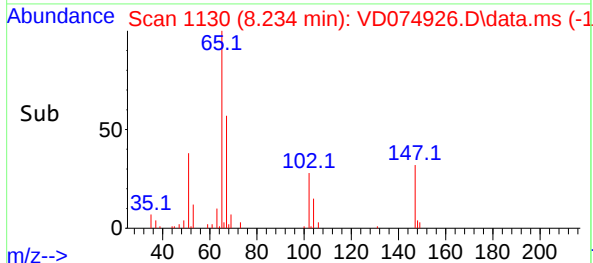
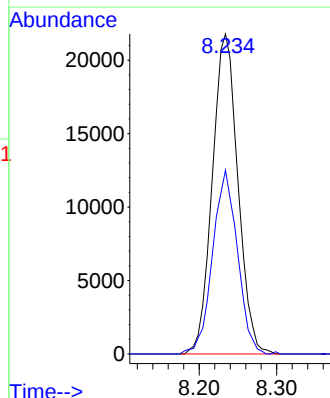
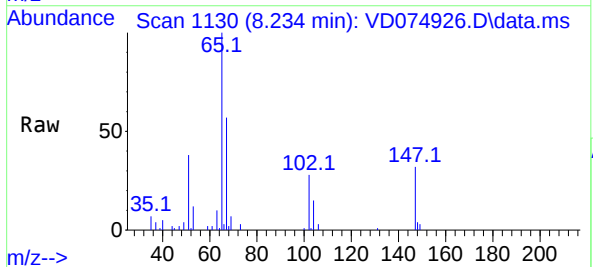
Acq: 14 Nov 2022 11:23

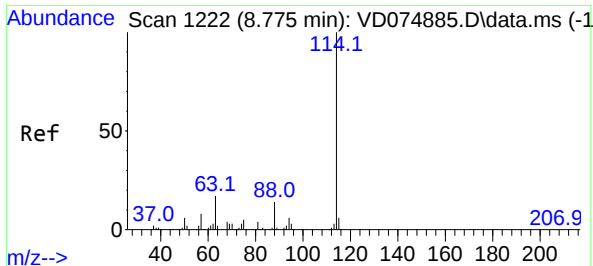
Tgt Ion: 65 Resp: 49933

Ion Ratio Lower Upper

65 100

67 55.7 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: VD074926.D

Acq: 14 Nov 2022 11:23

Instrument :

MSVOA_D

ClientSampleId :

VD1114SBL01

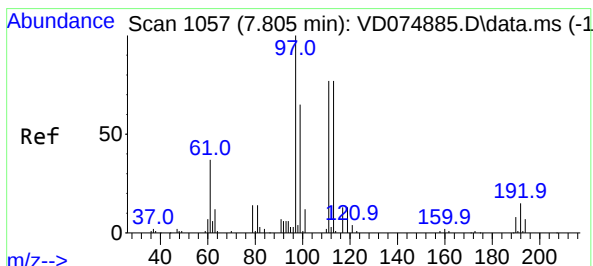
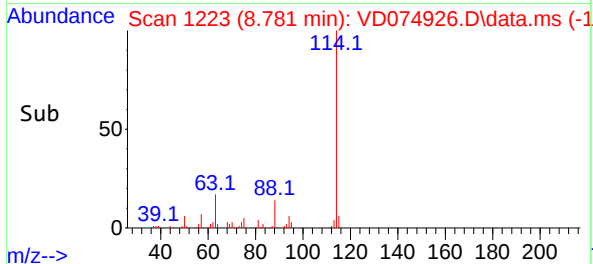
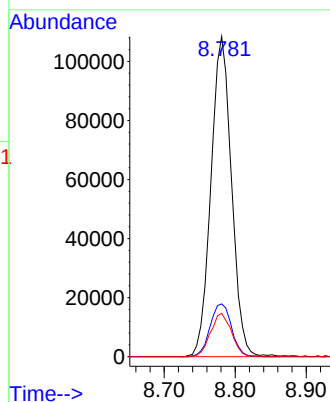
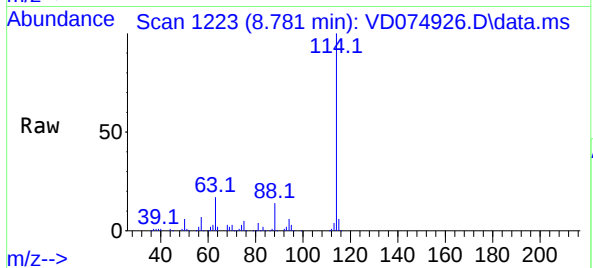
Tgt Ion:114 Resp: 218037

Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.2

88 13.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 52.596 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074926.D

Acq: 14 Nov 2022 11:23

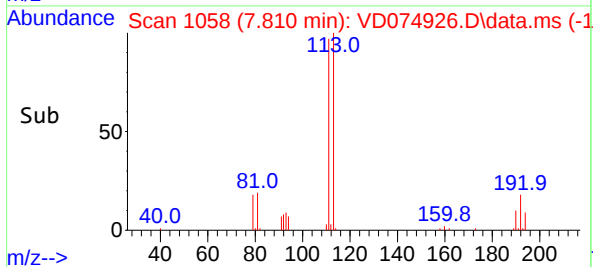
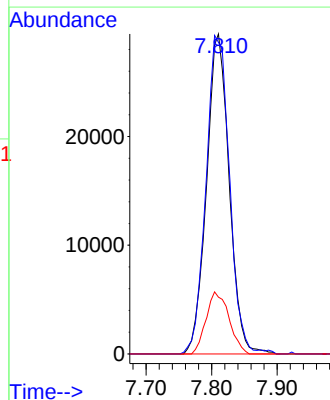
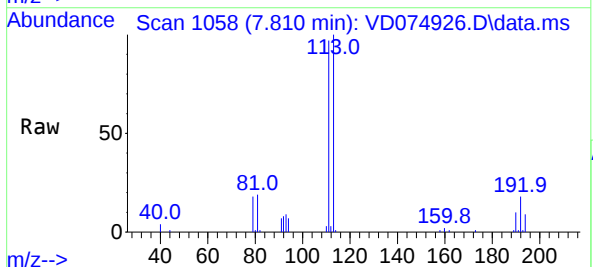
Tgt Ion:113 Resp: 70692

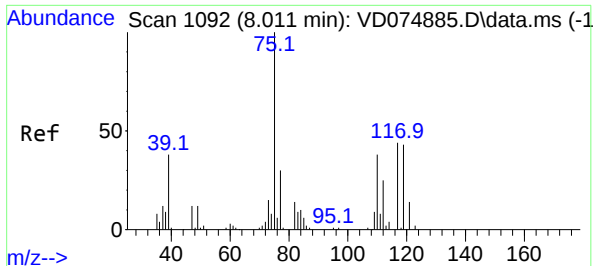
Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 19.6 16.4 24.6

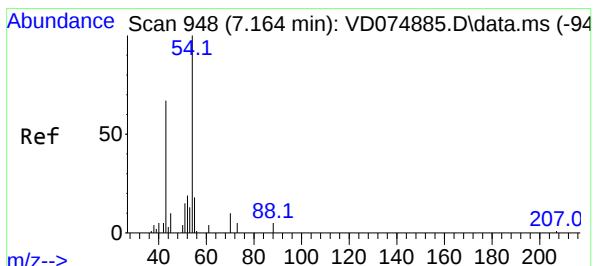
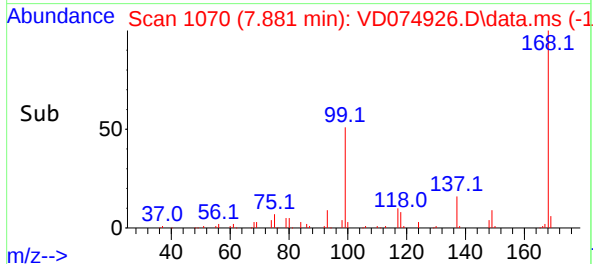
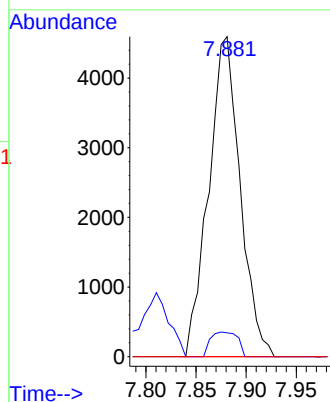
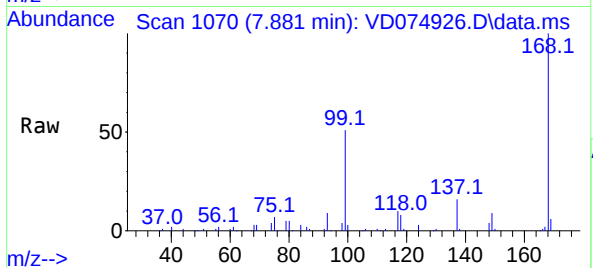




#36
1,1-Dichloropropene
Concen: 5.076 ug/l
RT: 7.881 min Scan# 1092
Delta R.T. -0.130 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

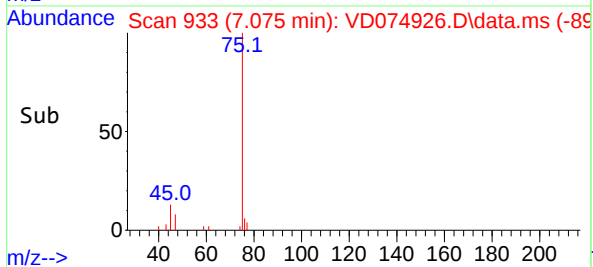
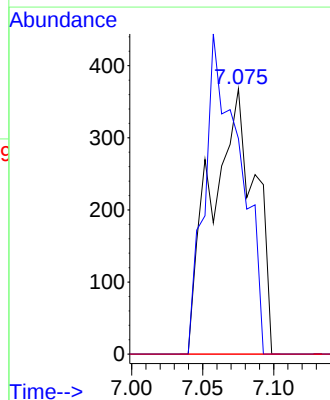
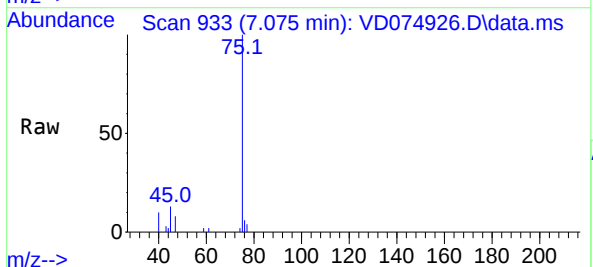
Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

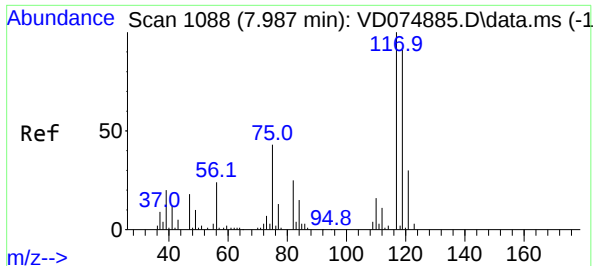
Tgt Ion: 75 Resp: 10026
Ion Ratio Lower Upper
75 100
110 6.6 19.7 59.0#
77 0.0 25.4 38.2#



#37
Ethyl Acetate
Concen: 1.187 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.089 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

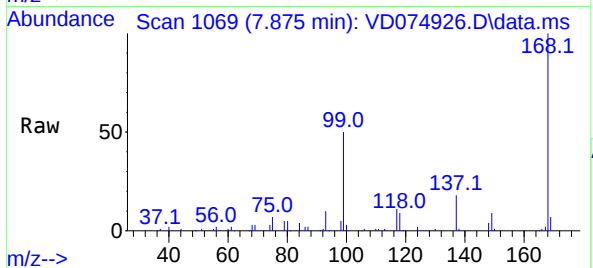
Tgt Ion: 43 Resp: 787
Ion Ratio Lower Upper
43 100
61 98.1 12.2 18.4#
70 0.0 9.6 14.4#



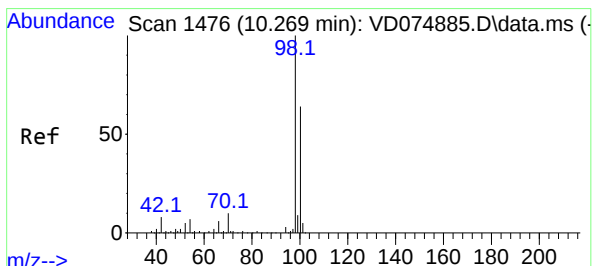
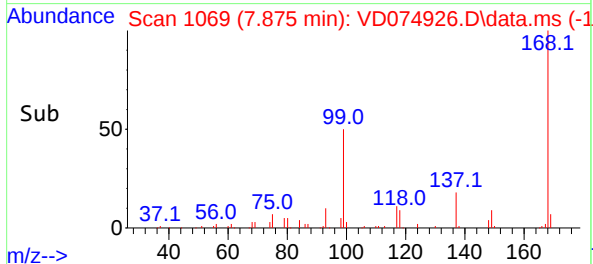
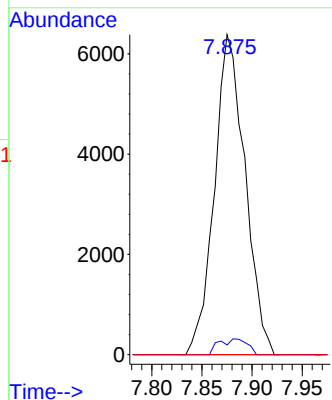


#38
Carbon Tetrachloride
Concen: 7.294 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.112 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

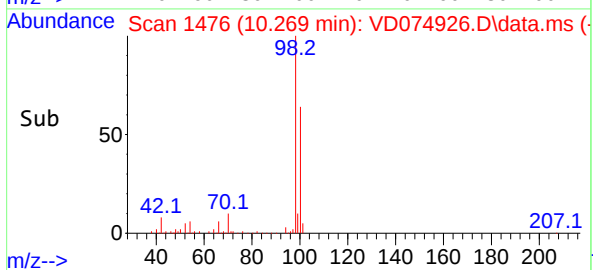
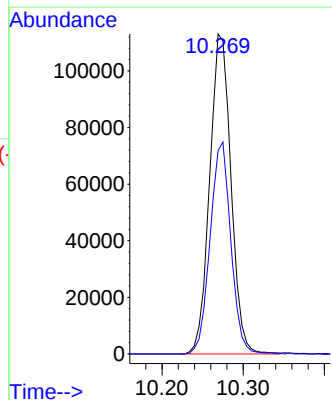
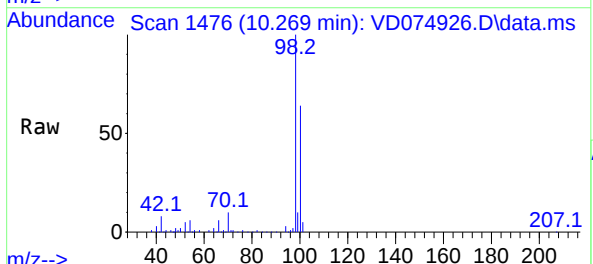


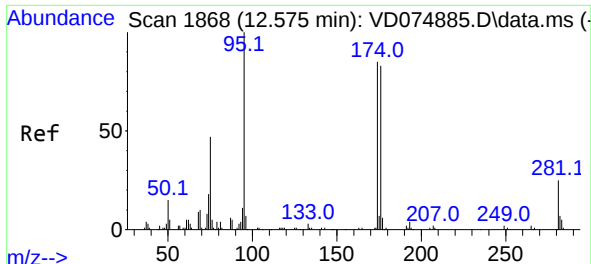
Tgt Ion:117 Resp: 13562
Ion Ratio Lower Upper
117 100
119 3.1 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 46.543 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

Tgt Ion: 98 Resp: 206063
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0

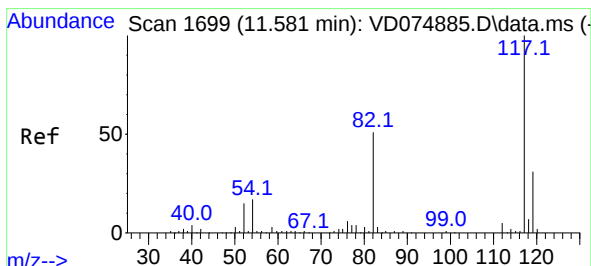
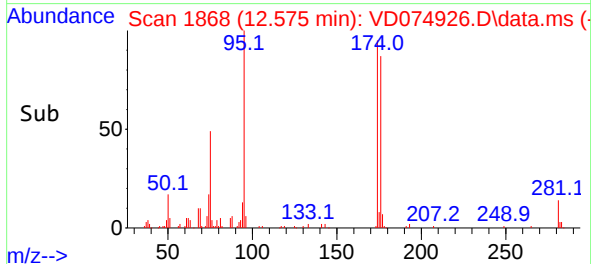
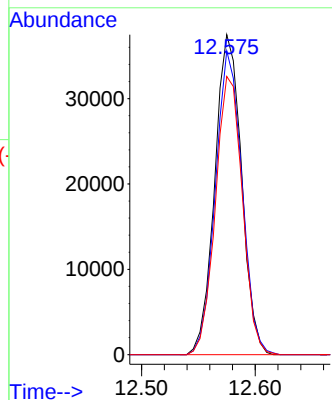
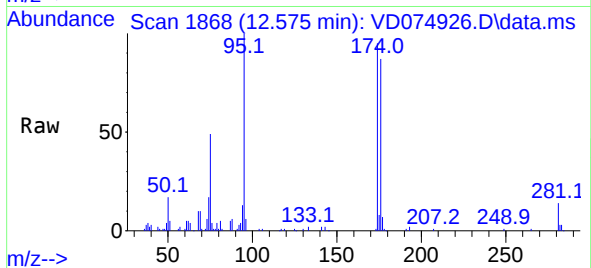




#62
4-Bromofluorobenzene
Concen: 45.040 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

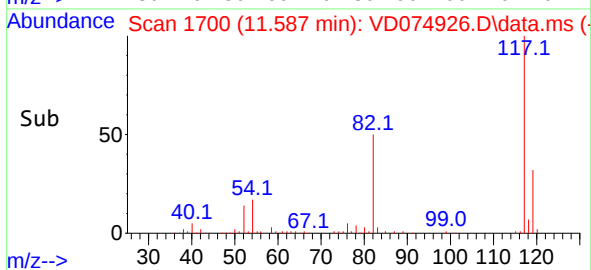
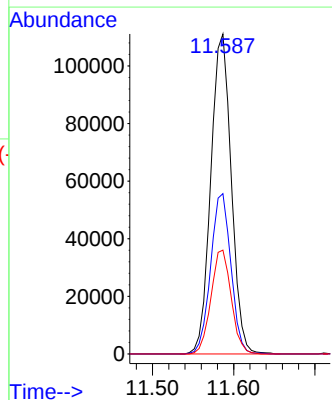
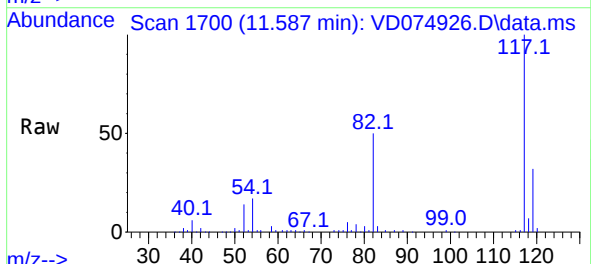
Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

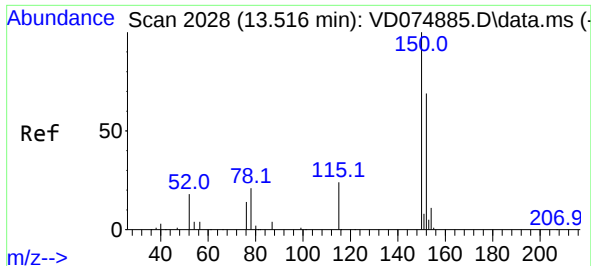
Tgt Ion: 95 Resp: 61232
Ion Ratio Lower Upper
95 100
174 94.2 0.0 197.0
176 87.7 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

Tgt Ion: 117 Resp: 194507
Ion Ratio Lower Upper
117 100
82 50.1 41.6 62.4
119 32.4 25.2 37.8

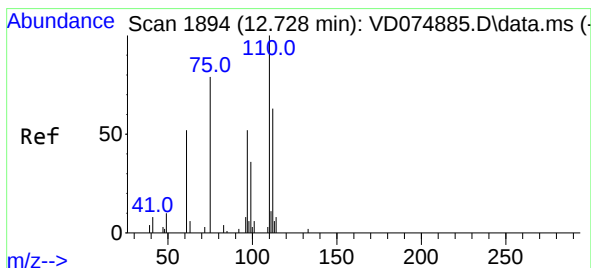
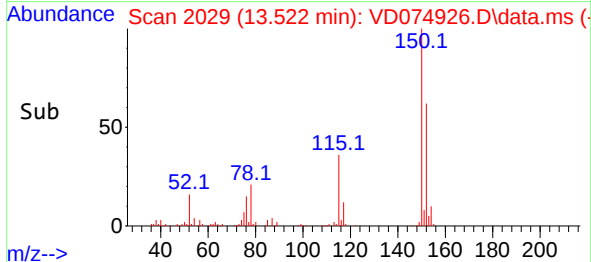
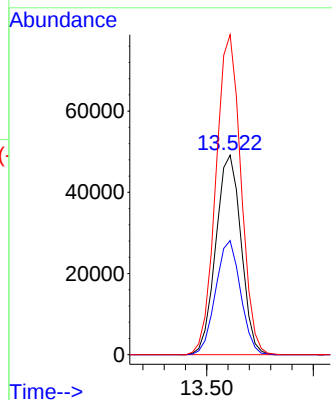
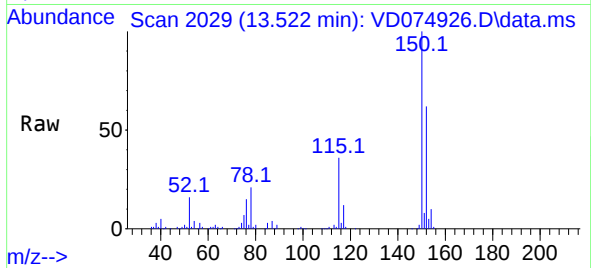




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

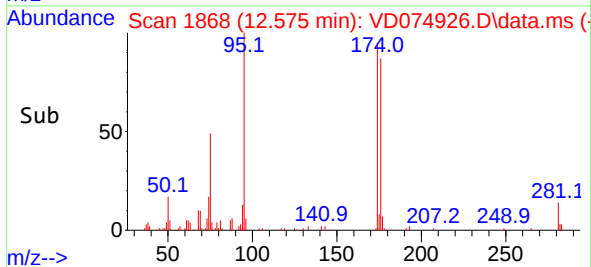
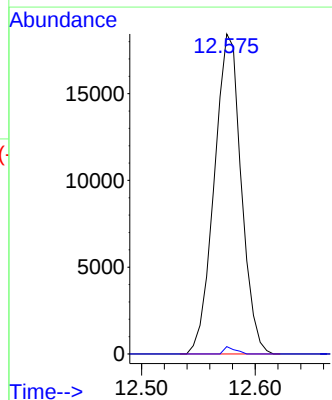
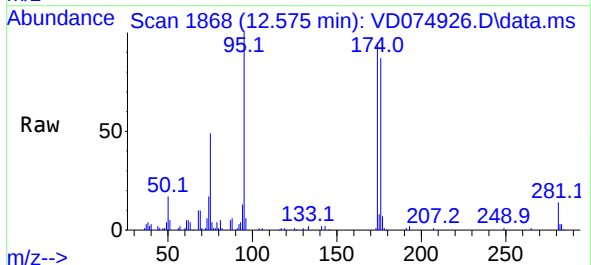
Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

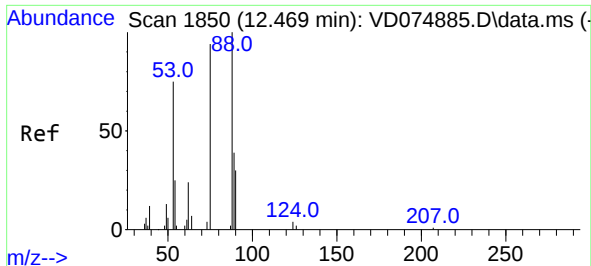
Tgt Ion:152 Resp: 80803
Ion Ratio Lower Upper
152 100
115 56.5 26.8 80.4
150 159.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 44.977 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074926.D
Acq: 14 Nov 2022 11:23

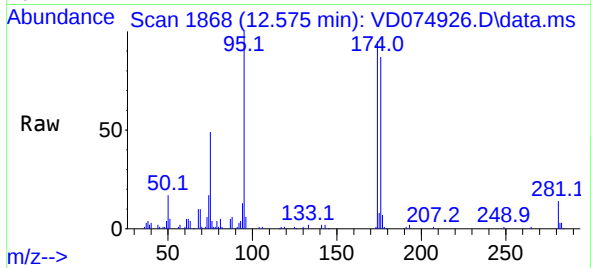
Tgt Ion: 75 Resp: 30397
Ion Ratio Lower Upper
75 100
77 1.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.644 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074926.D
 Acq: 14 Nov 2022 11:23

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1114SBL01



Tgt Ion: 75 Resp: 30397
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

