

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074897.D
 Acq On : 11 Nov 2022 17:56
 Operator : VA/SY
 Sample : N5531-17RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-26RE

Quant Time: Nov 14 00:56:51 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)

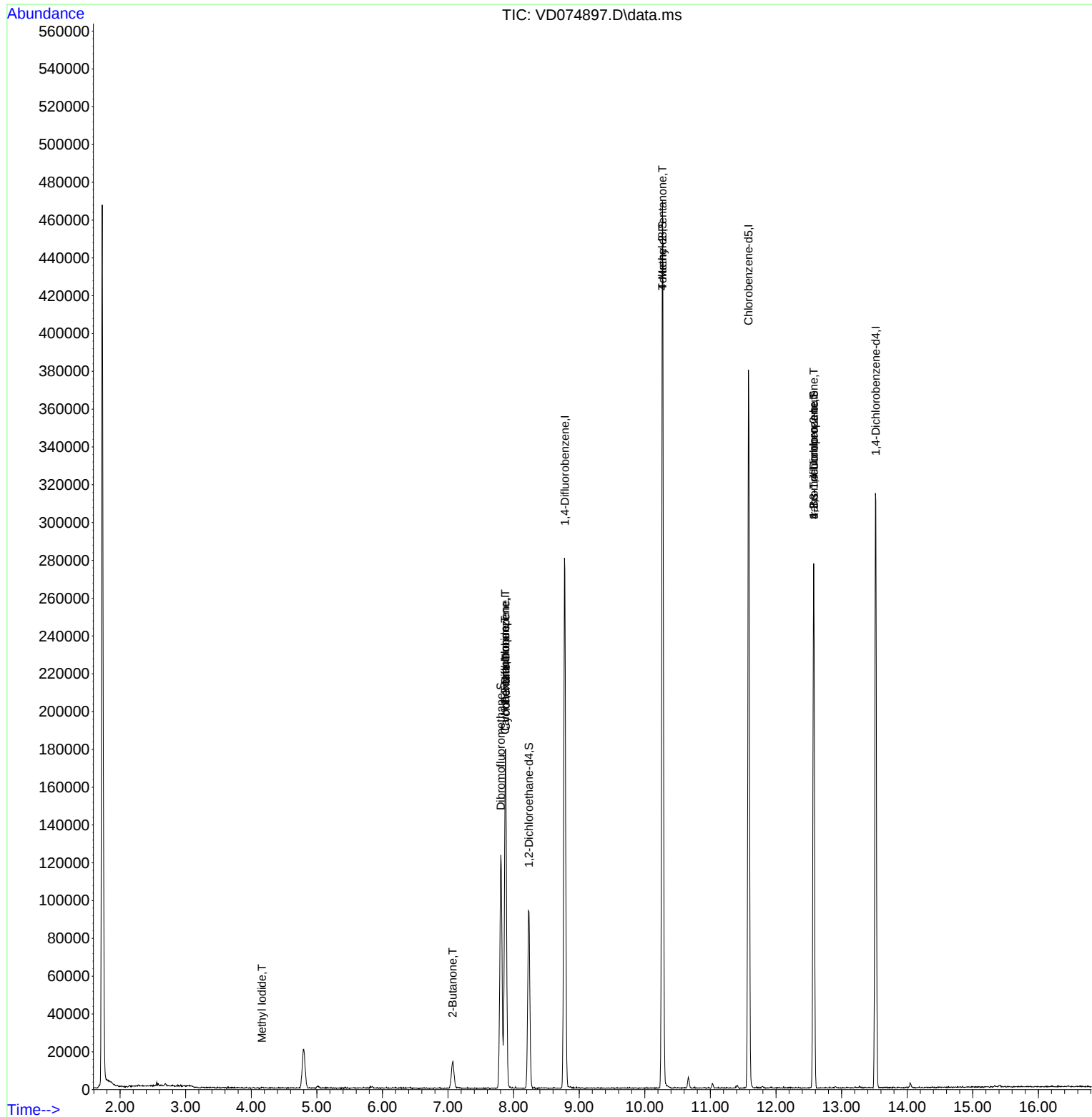
Internal Standards						
1) Pentafluorobenzene	7.875	168	145064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	263659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	91941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	75364	81.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 163.960%#	
35) Dibromofluoromethane	7.805	113	89767	55.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.460%	
50) Toluene-d8	10.269	98	333181	62.233	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.460%	
62) 4-Bromofluorobenzene	12.575	95	87031	52.940	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.880%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	550	Below Cal		93
5) Bromomethane	2.693	94	962	Below Cal		92
10) Methyl Iodide	4.164	142	516	5.034 ug/l	#	43
11) Tert butyl alcohol	5.069	59	57	Below Cal	#	84
20) Methylene Chloride	4.793	84	17389	Below Cal		89
25) 2-Butanone	7.069	43	381	1.217 ug/l	#	42
31) Cyclohexane	7.881	56	2537	1.200 ug/l	#	40
36) 1,1-Dichloropropene	7.875	75	10150	4.249 ug/l	#	47
38) Carbon Tetrachloride	7.869	117	13251	5.893 ug/l	#	19
51) 4-Methyl-2-Pentanone	10.269	43	946	1.406 ug/l	#	1
76) 1,2,3-Trichloropropane	12.575	75	41524	53.998 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.575	75	41524	132.836 ug/l	#	17

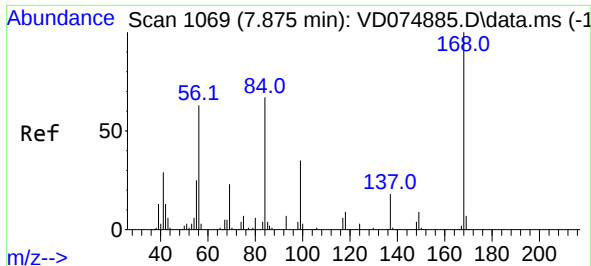
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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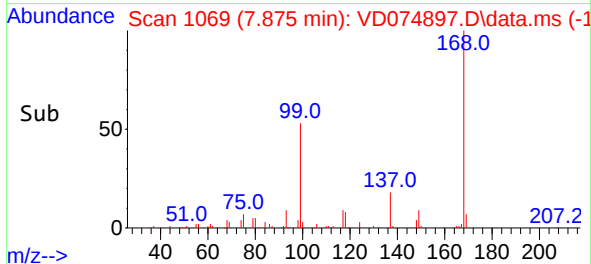
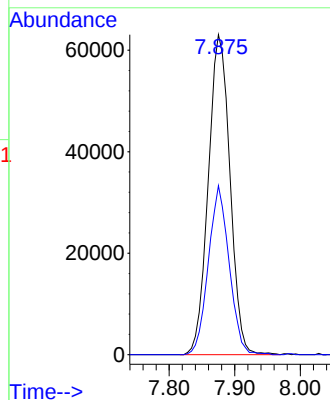
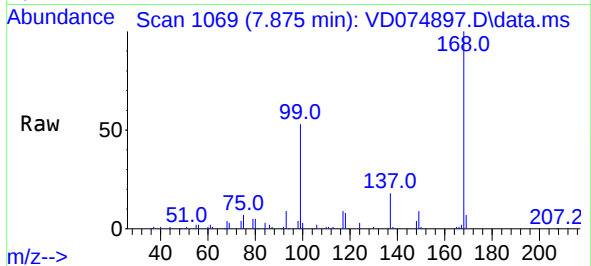




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

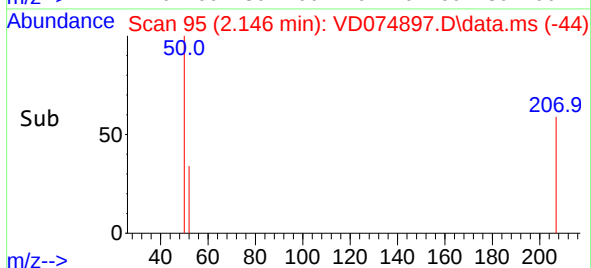
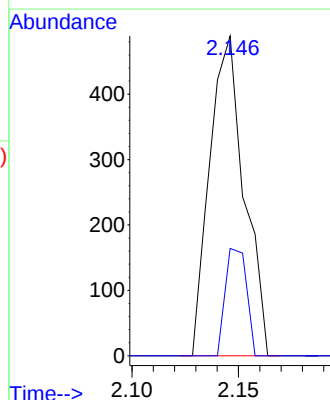
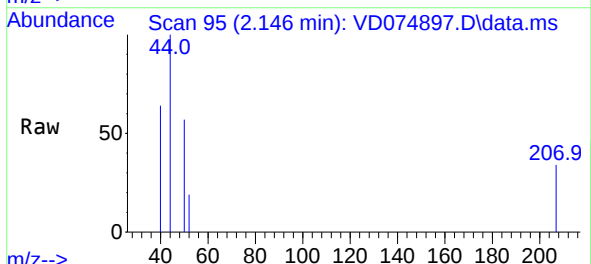
Instrument :
MSVOA_D
ClientSampleId :
SB-26RE

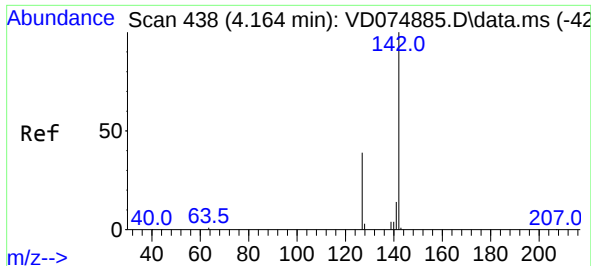
Tgt Ion:168 Resp: 145064
Ion Ratio Lower Upper
168 100
99 52.8 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

Tgt Ion: 50 Resp: 550
Ion Ratio Lower Upper
50 100
52 33.5 30.0 45.0

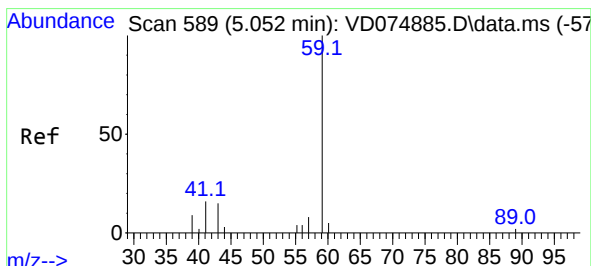
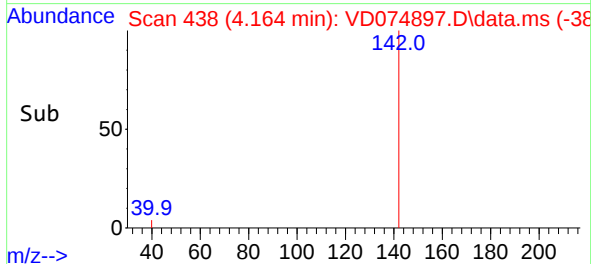
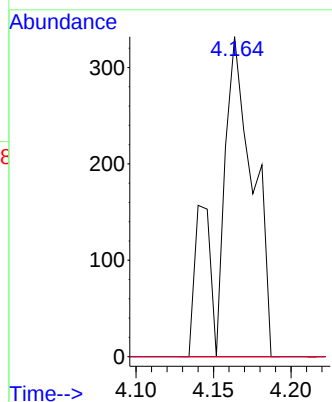
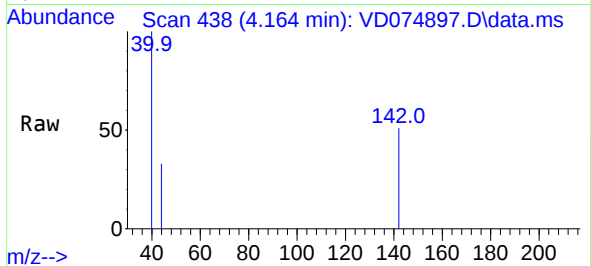




#10
Methyl Iodide
Concen: 5.034 ug/l
RT: 4.164 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

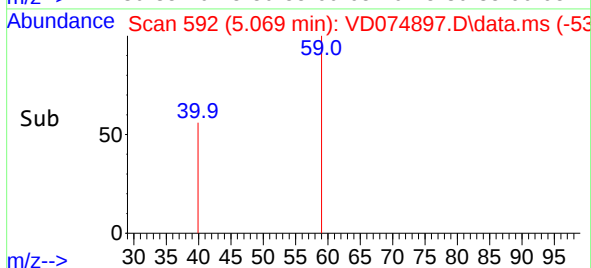
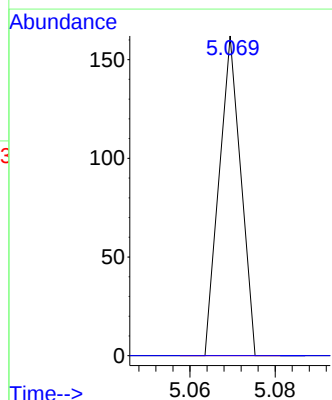
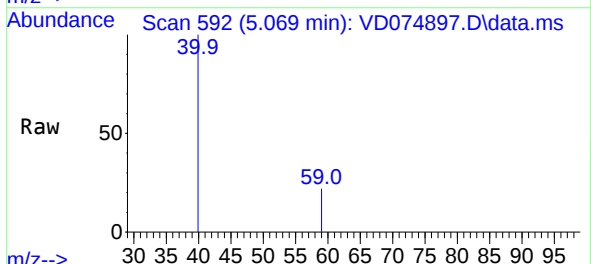
Instrument :
MSVOA_D
ClientSampleId :
SB-26RE

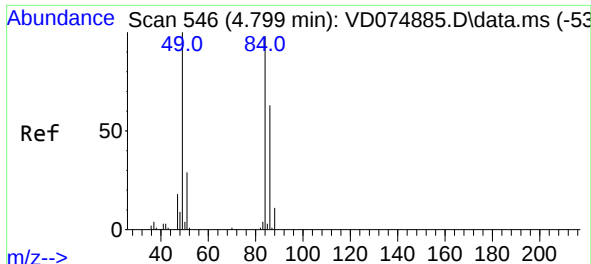
Tgt Ion:142 Resp: 516
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.069 min Scan# 592
Delta R.T. 0.017 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

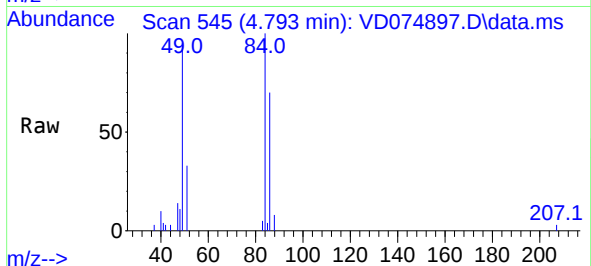
Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#





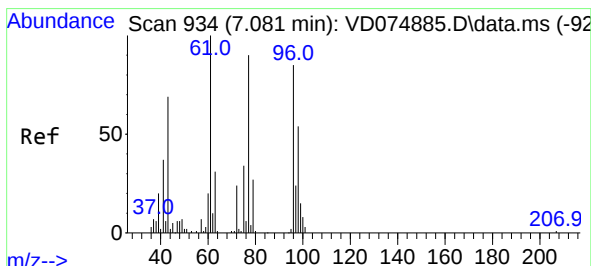
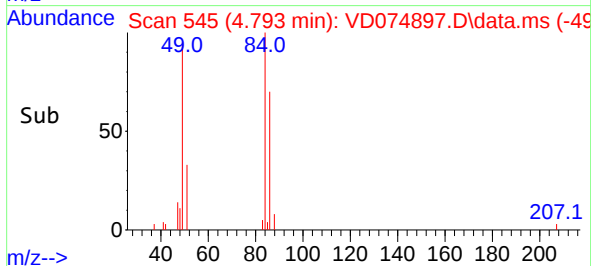
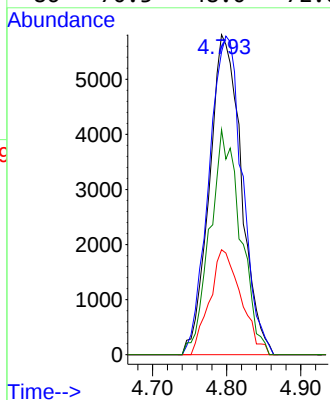
#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

Instrument :
MSVOA_D
ClientSampleId :
SB-26RE



Tgt Ion: 84 Resp: 17389

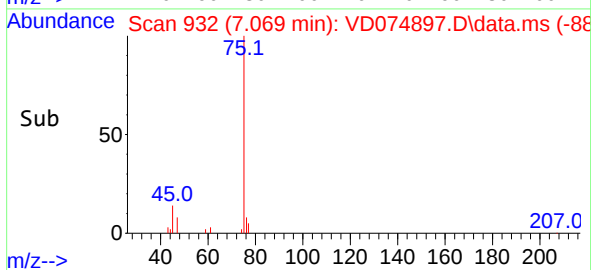
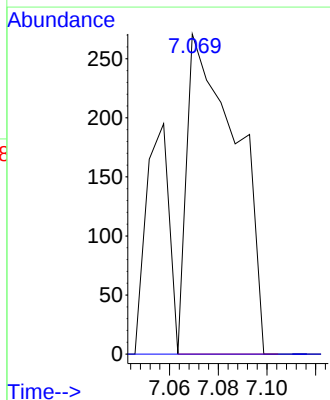
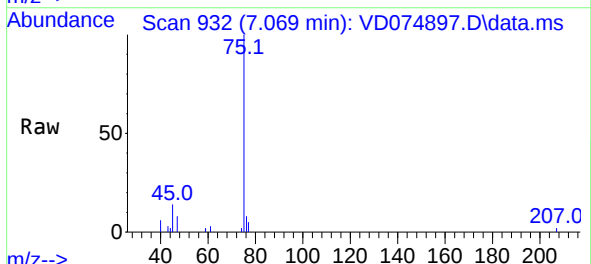
Ion	Ratio	Lower	Upper
84	100		
49	94.6	68.0	102.0
51	32.8	23.2	34.8
86	70.3	48.0	72.0

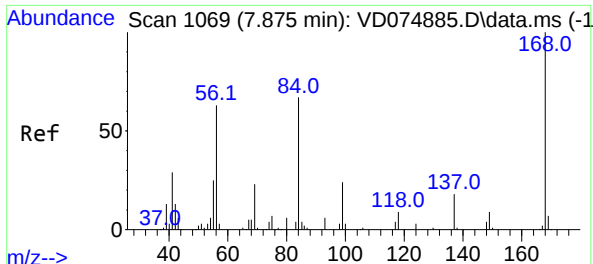


#25
2-Butanone
Concen: 1.217 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

Tgt Ion: 43 Resp: 381

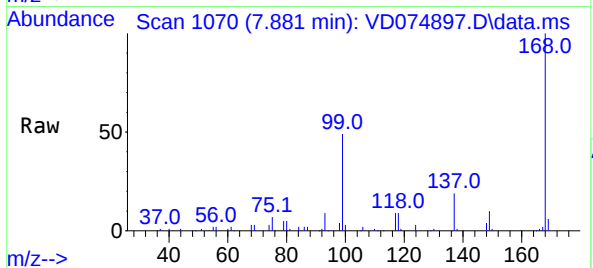
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8



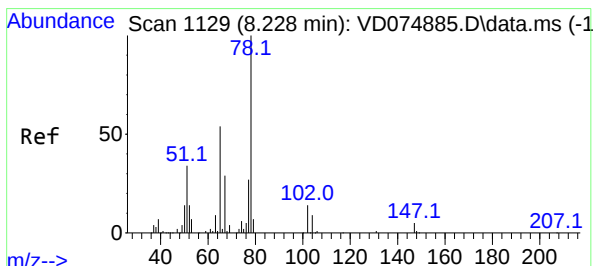
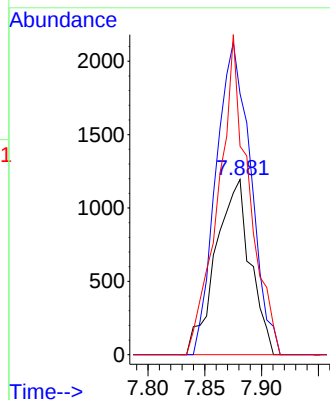
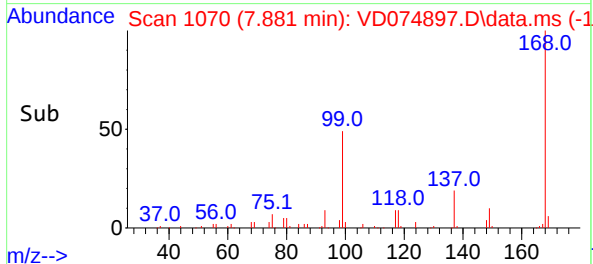


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

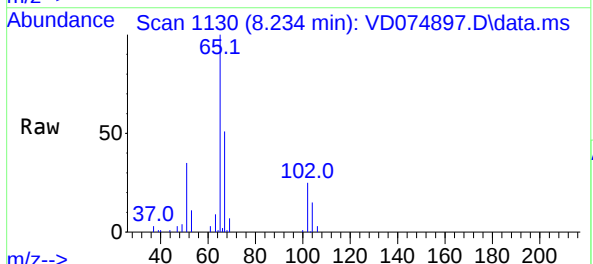
Instrument :
MSVOA_D
ClientSampleId :
SB-26RE



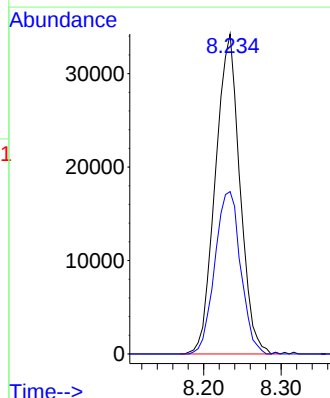
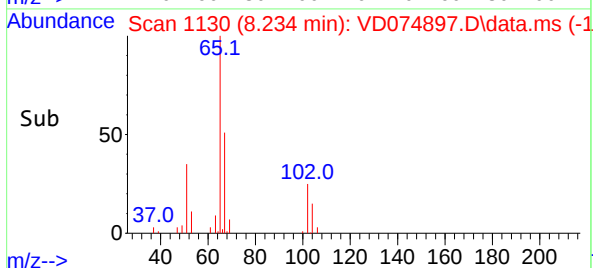
Tgt Ion: 56 Resp: 2537
Ion Ratio Lower Upper
56 100
69 149.0 29.2 43.8#
84 119.0 83.4 125.2

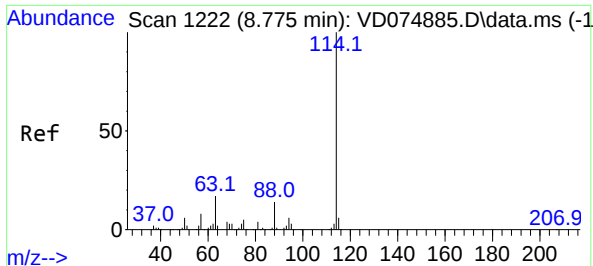


#33
1,2-Dichloroethane-d4
Concen: 81.976 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56



Tgt Ion: 65 Resp: 75364
Ion Ratio Lower Upper
65 100
67 53.4 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: VD074897.D

Acq: 11 Nov 2022 17:56

Instrument :

MSVOA_D

ClientSampleId :

SB-26RE

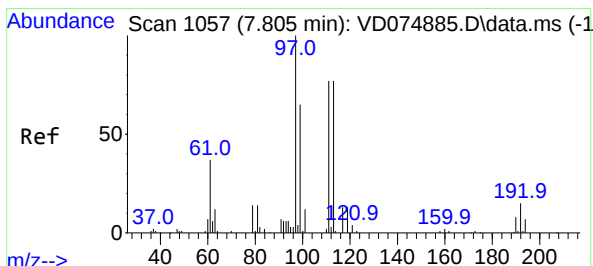
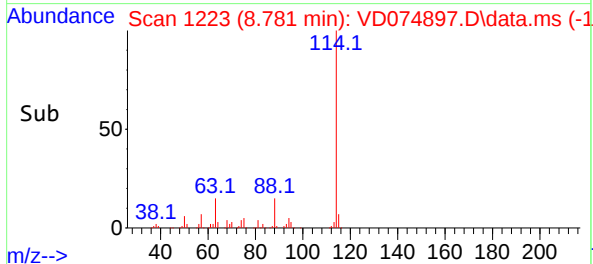
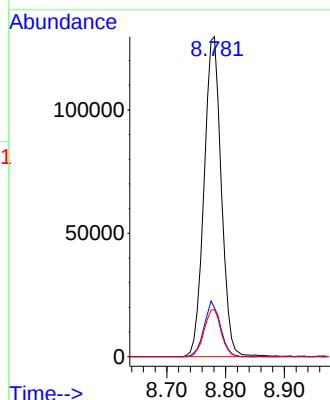
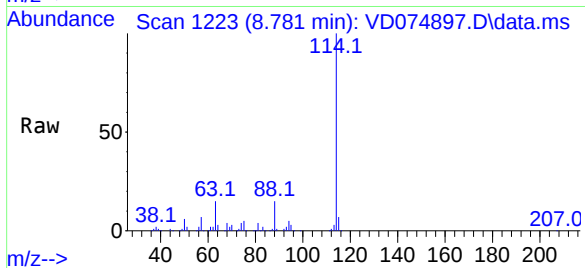
Tgt Ion:114 Resp: 263659

Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.2

88 14.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.232 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074897.D

Acq: 11 Nov 2022 17:56

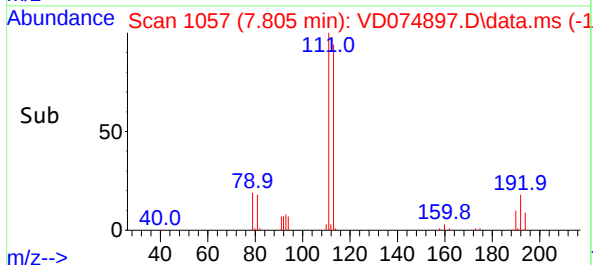
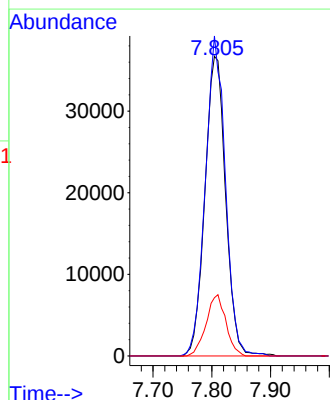
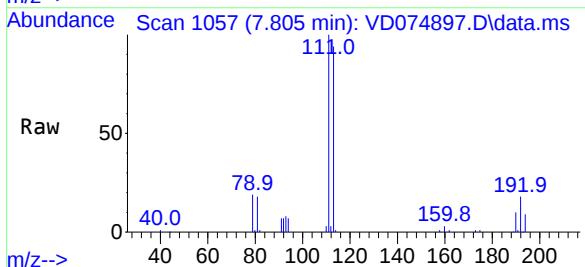
Tgt Ion:113 Resp: 89767

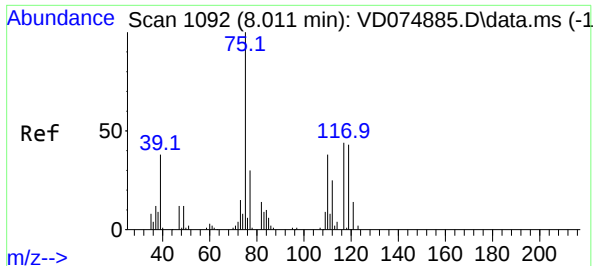
Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 19.5 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.249 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD074897.D

Acq: 11 Nov 2022 17:56

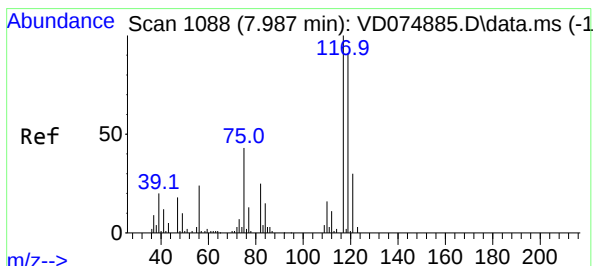
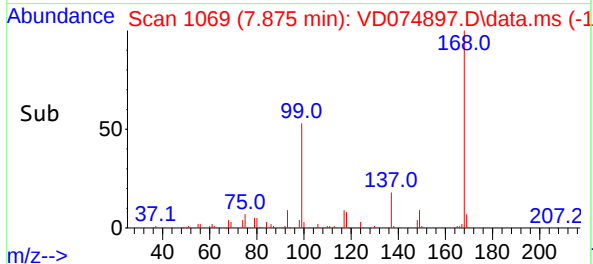
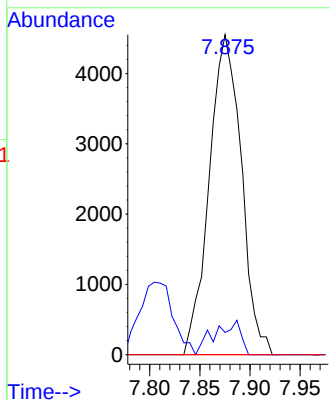
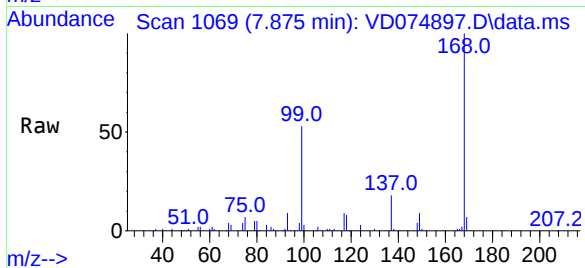
Instrument :

MSVOA_D

ClientSampleId :

SB-26RE

Tgt Ion:	75	Resp:	10150
Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.7	59.0#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 5.893 ug/l

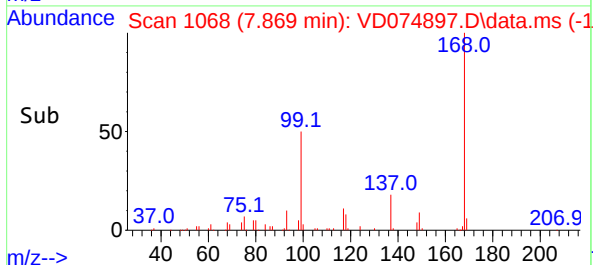
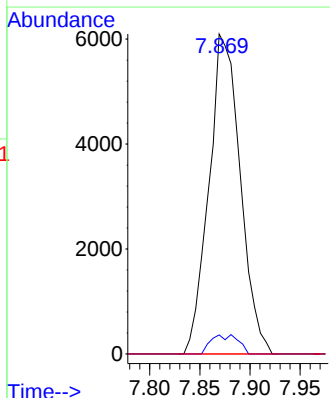
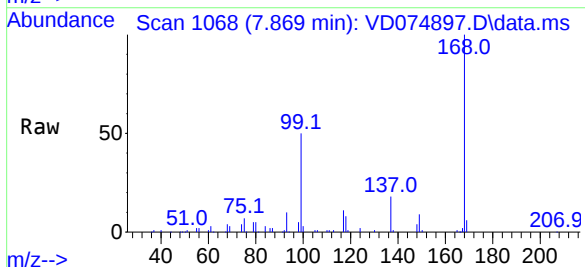
RT: 7.869 min Scan# 1068

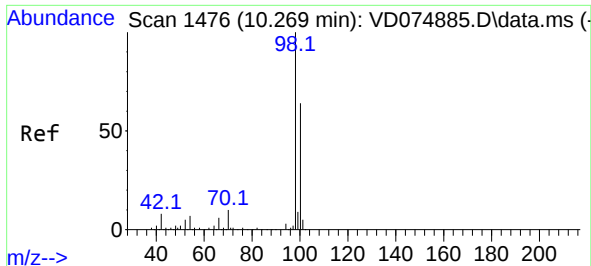
Delta R.T. -0.118 min

Lab File: VD074897.D

Acq: 11 Nov 2022 17:56

Tgt Ion:	117	Resp:	13251
Ion	Ratio	Lower	Upper
117	100		
119	5.9	73.1	109.7#
121	0.0	25.0	37.6#

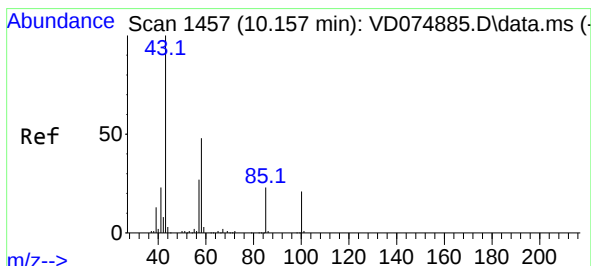
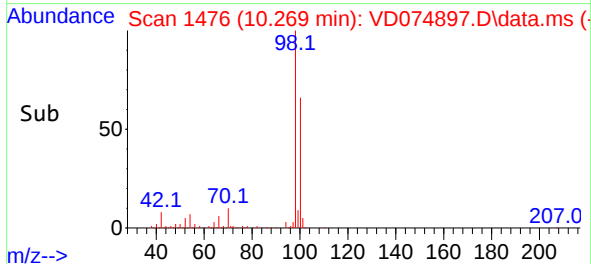
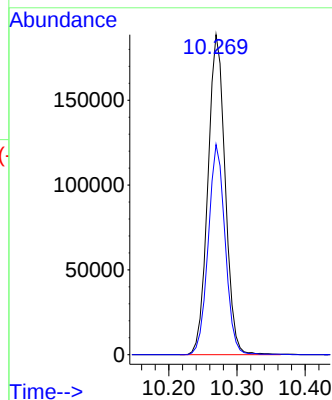
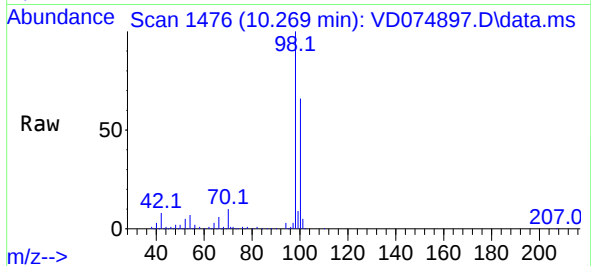




#50
Toluene-d8
Concen: 62.233 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

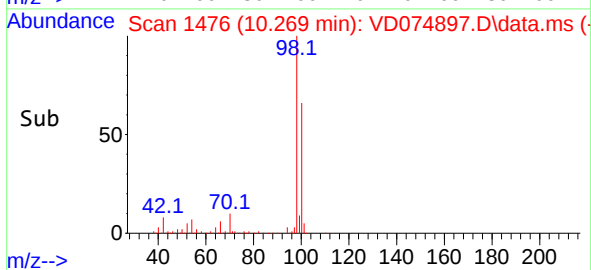
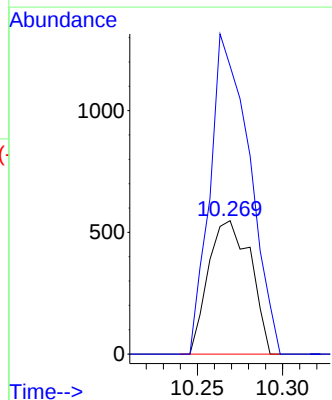
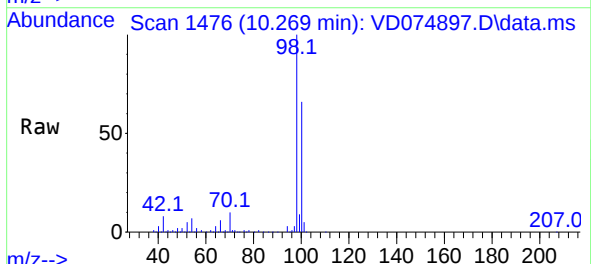
Instrument :
MSVOA_D
ClientSampleId :
SB-26RE

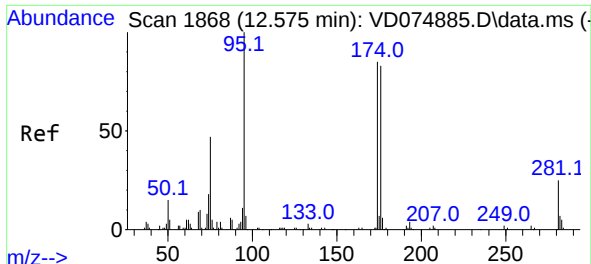
Tgt Ion: 98 Resp: 333181
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.406 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

Tgt Ion: 43 Resp: 946
Ion Ratio Lower Upper
43 100
58 223.2 37.8 56.6#

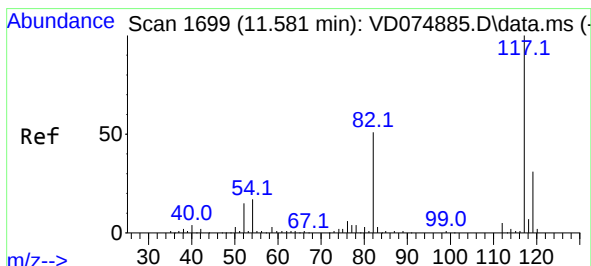
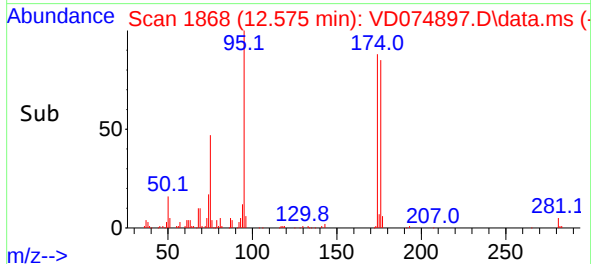
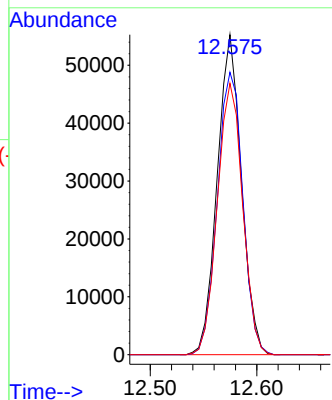
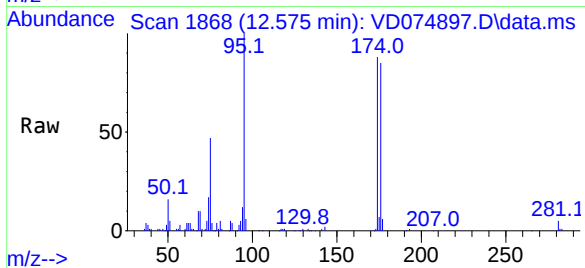




#62
4-Bromofluorobenzene
Concen: 52.940 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

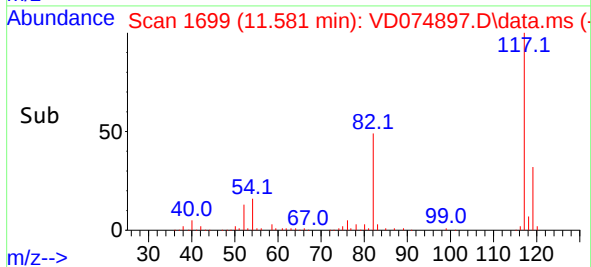
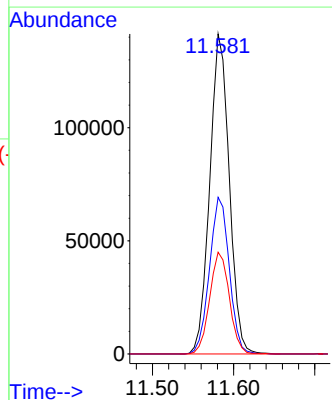
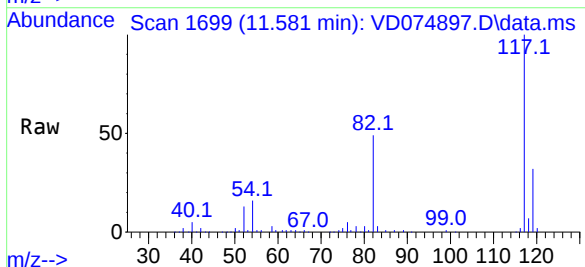
Instrument :
MSVOA_D
ClientSampleId :
SB-26RE

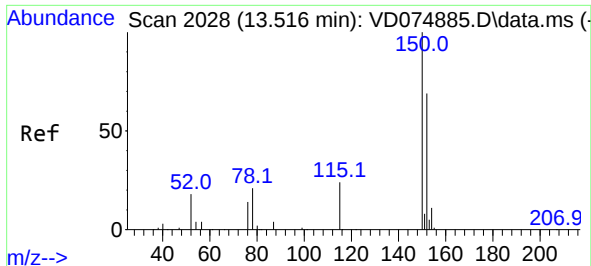
Tgt Ion: 95 Resp: 87031
Ion Ratio Lower Upper
95 100
174 93.0 0.0 197.0
176 88.8 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

Tgt Ion: 117 Resp: 235876
Ion Ratio Lower Upper
117 100
82 49.0 41.6 62.4
119 31.8 25.2 37.8

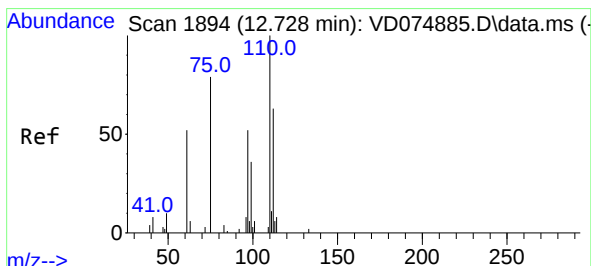
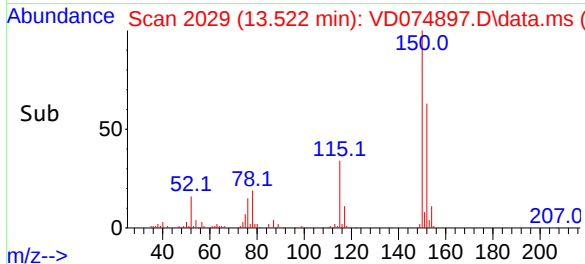
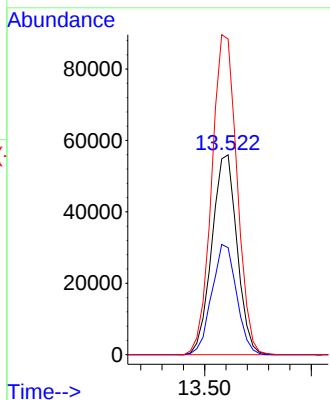
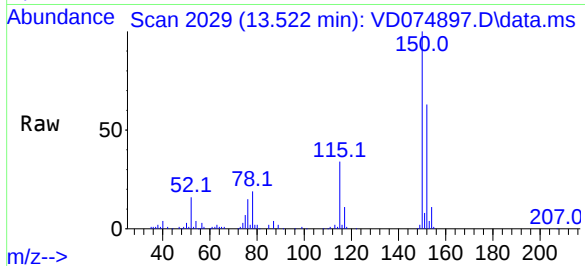




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

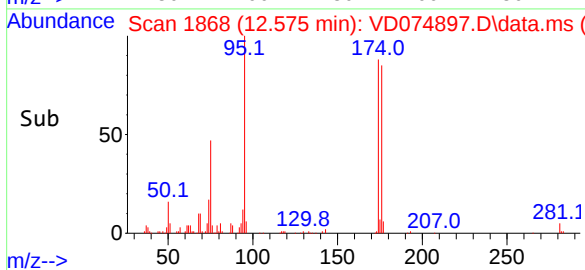
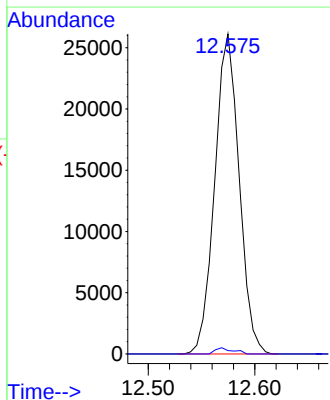
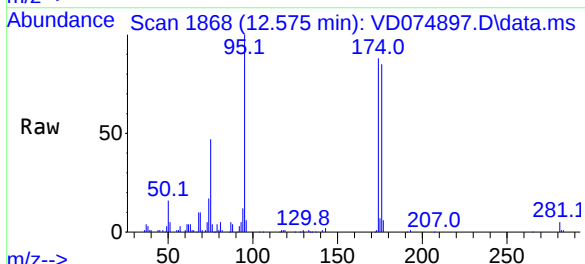
Instrument :
MSVOA_D
ClientSampleId :
SB-26RE

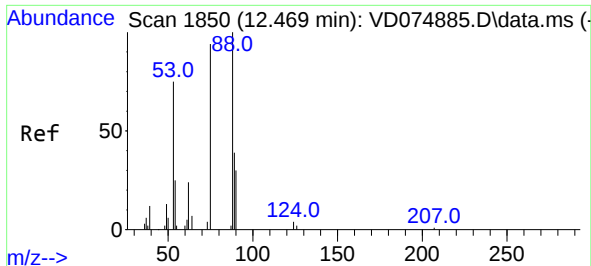
Tgt Ion:152 Resp: 91941
Ion Ratio Lower Upper
152 100
115 54.2 26.8 80.4
150 160.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 53.998 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

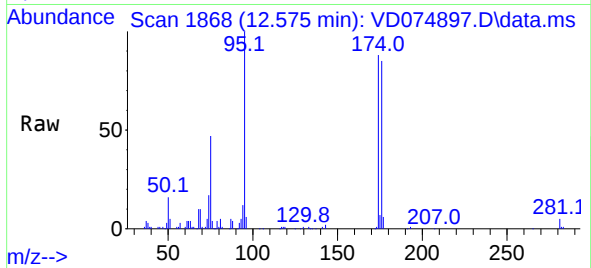
Tgt Ion: 75 Resp: 41524
Ion Ratio Lower Upper
75 100
77 1.4 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 132.836 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD074897.D
Acq: 11 Nov 2022 17:56

Instrument :
MSVOA_D
ClientSampleId :
SB-26RE



Tgt Ion: 75 Resp: 41524
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

