

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
 Data File : VD074505.D
 Acq On : 10 Oct 2022 16:28
 Operator : VA/SY
 Sample : N5058-05RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 11 08:21:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

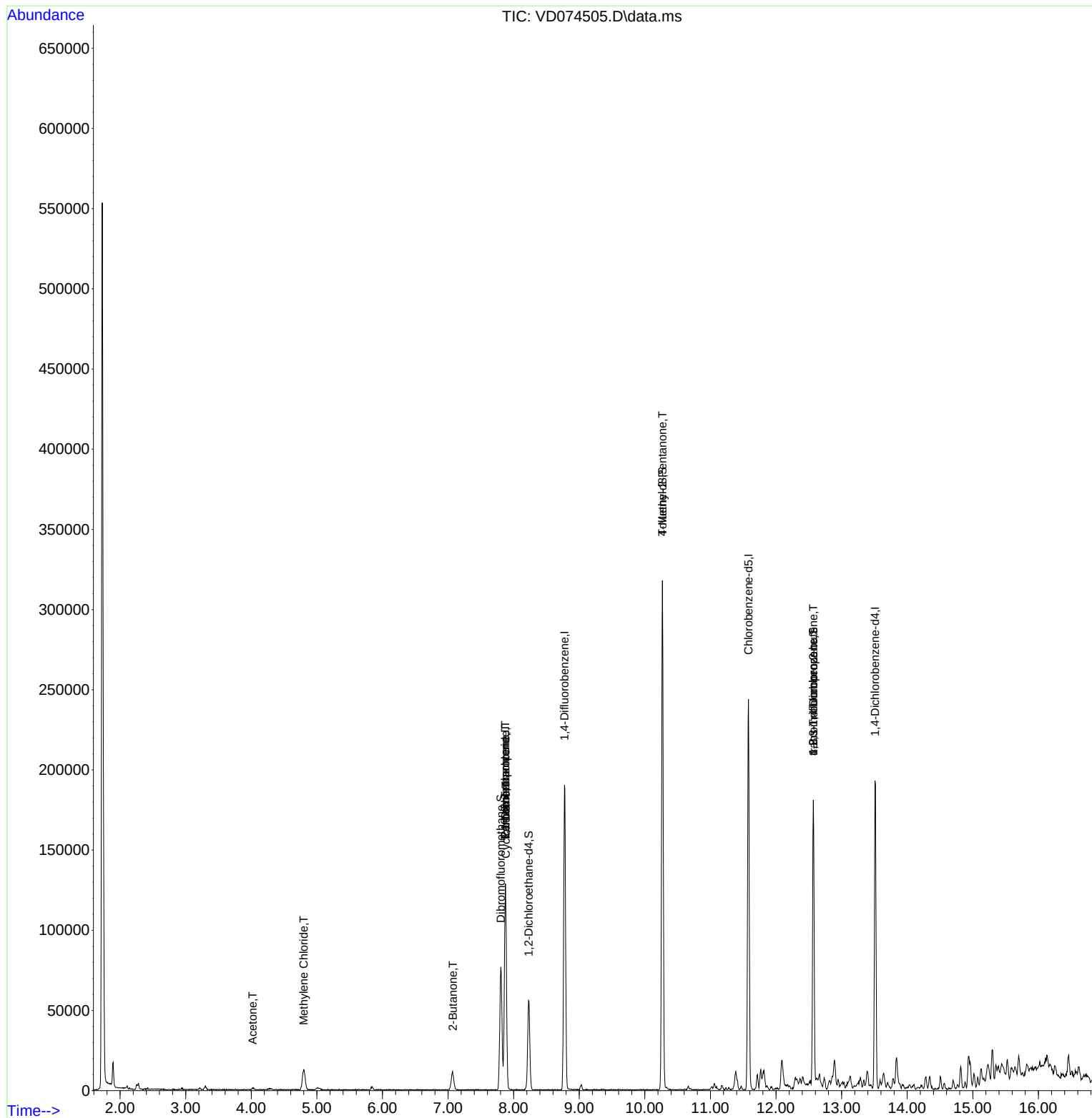
Internal Standards						
1) Pentafluorobenzene	7.875	168	103652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	152897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	54790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	44234	48.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.060%
35) Dibromofluoromethane	7.804	113	56978	47.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.269	98	225599	51.397	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.800%
62) 4-Bromofluorobenzene	12.569	95	55758	39.900	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.800%
Target Compounds						
11) Tert butyl alcohol	5.016	59	1331	Below Cal	#	84
16) Acetone	4.022	43	1663	18.217	ug/l #	37
20) Methylene Chloride	4.799	84	10867	2.746	ug/l	91
25) 2-Butanone	7.075	43	517	1.957	ug/l #	42
31) Cyclohexane	7.881	56	1959	1.059	ug/l #	31
36) 1,1-Dichloropropene	7.875	75	7844	4.655	ug/l #	45
38) Carbon Tetrachloride	7.875	117	10289	6.891	ug/l #	20
51) 4-Methyl-2-Pentanone	10.269	43	673	1.283	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	28207	67.066	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	28207	149.632	ug/l #	17

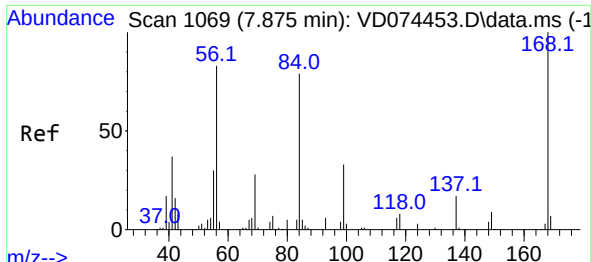
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101022\
Data File : VD074505.D
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Operator : VA/SY
Sample : N5058-05RE
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

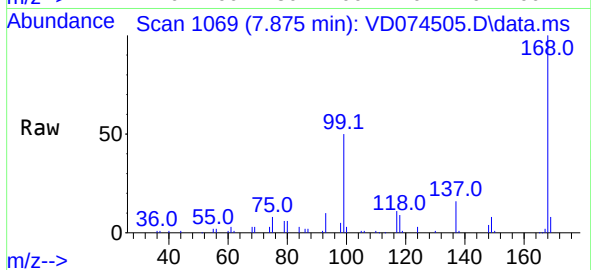
Quant Time: Oct 11 08:21:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration



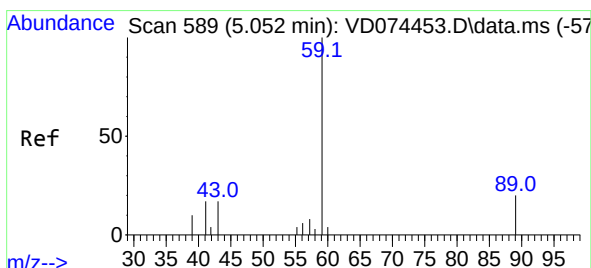
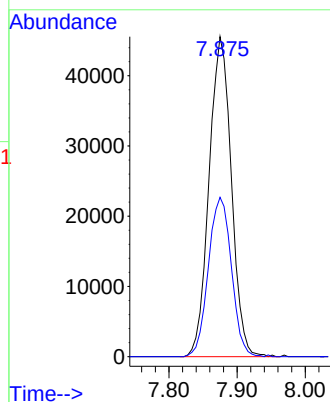
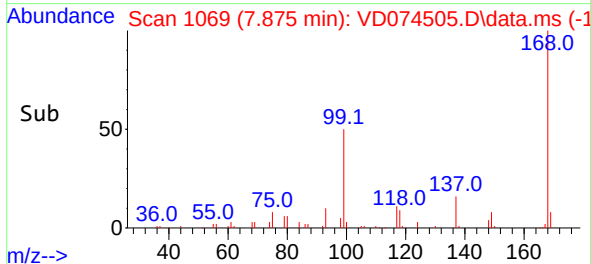


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :

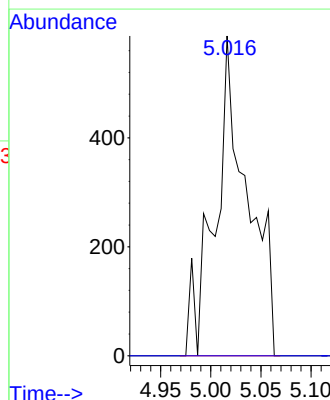
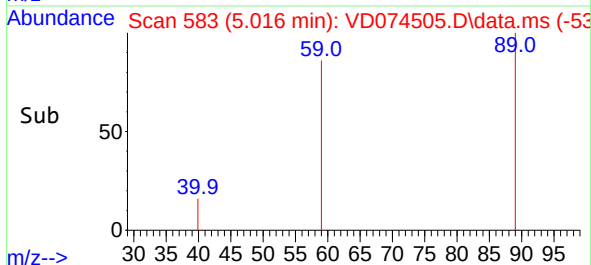
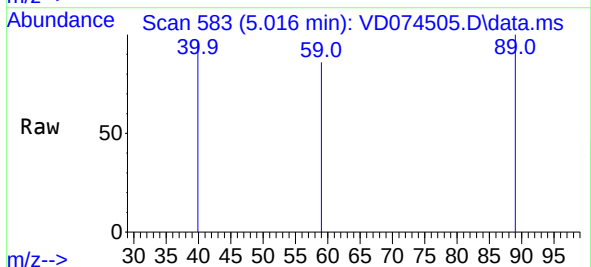


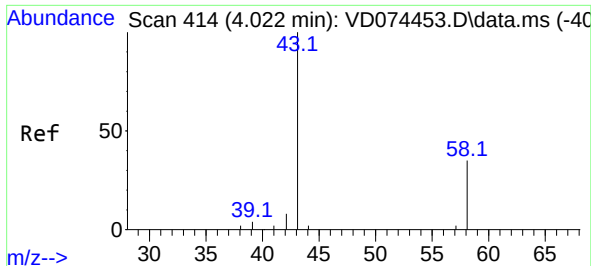
Tgt Ion:168 Resp: 103652
Ion Ratio Lower Upper
168 100
99 49.8 40.9 61.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.016 min Scan# 583
Delta R.T. -0.036 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

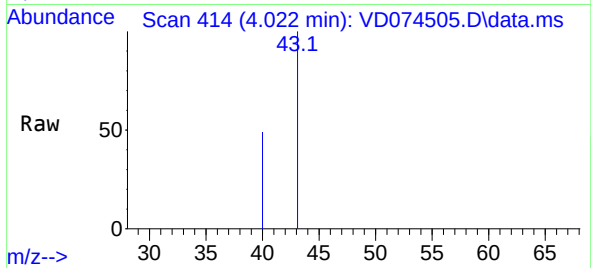
Tgt Ion: 59 Resp: 1331
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



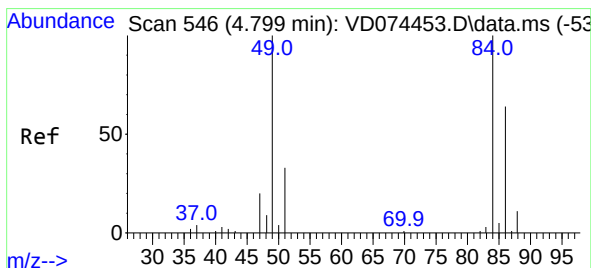
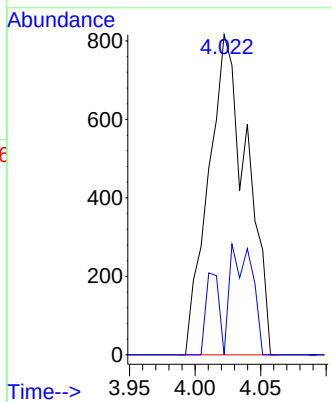
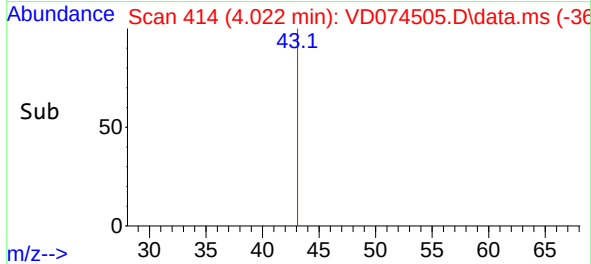


#16
Acetone
Concen: 18.217 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

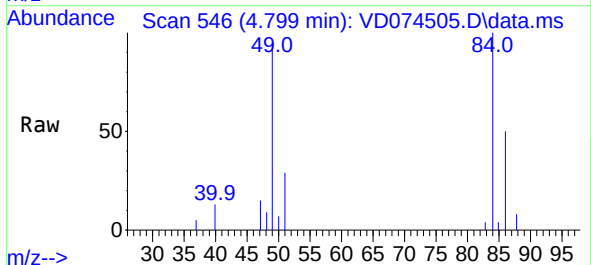
Instrument :
MSVOA_D
ClientSampleId :



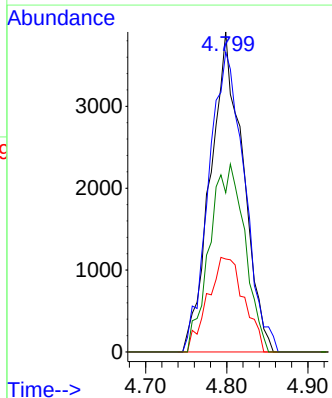
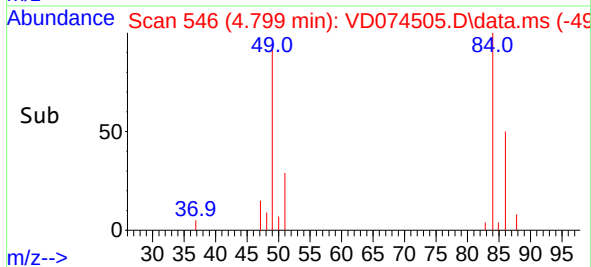
Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

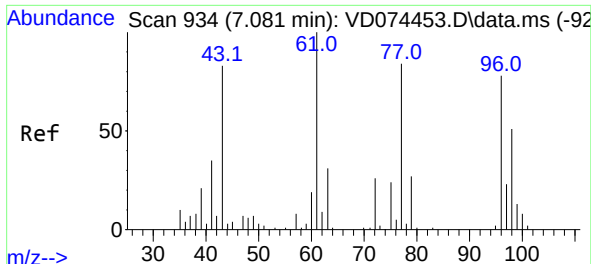


#20
Methylene Chloride
Concen: 2.746 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28



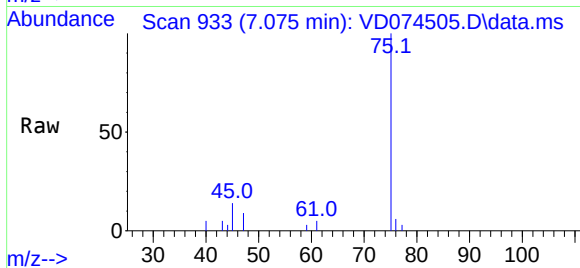
Tgt Ion: 84 Resp: 10867
Ion Ratio Lower Upper
84 100
49 93.7 68.0 102.0
51 29.1 23.2 34.8
86 49.7 48.0 72.0



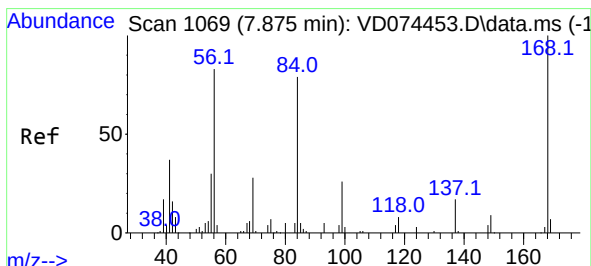
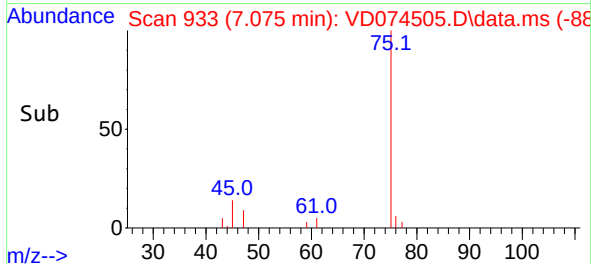
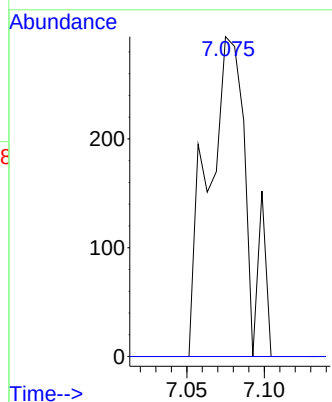


#25
2-Butanone
Concen: 1.957 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :

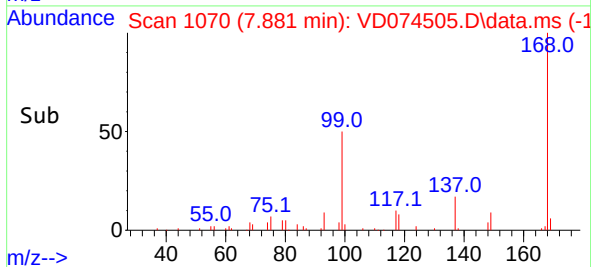
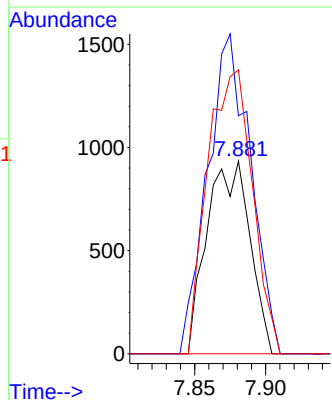
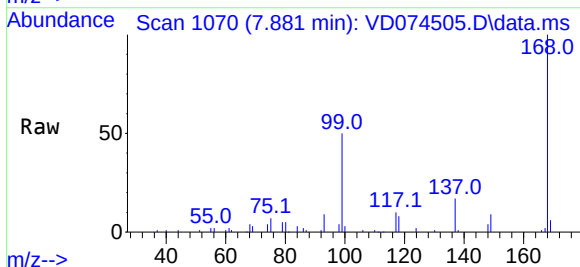


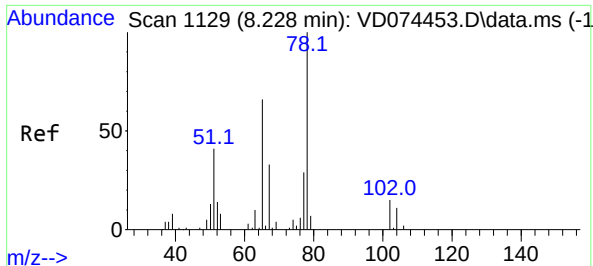
Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Tgt Ion: 56 Resp: 1959
Ion Ratio Lower Upper
56 100
69 123.6 29.2 43.8#
84 147.3 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 48.033 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074505.D

Acq: 10 Oct 2022 16:28

Instrument :

MSVOA_D

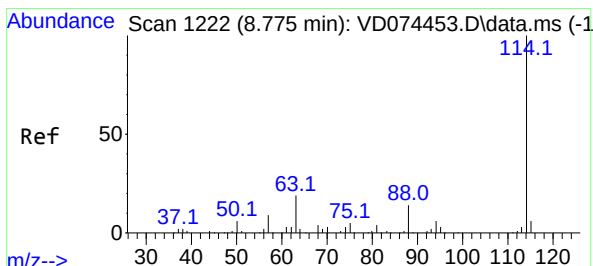
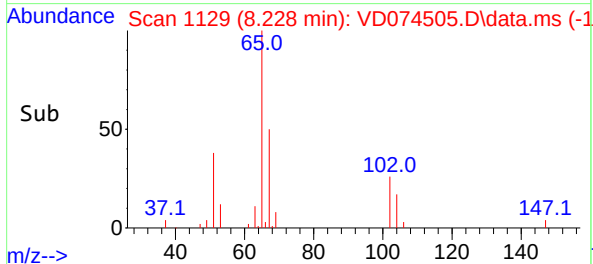
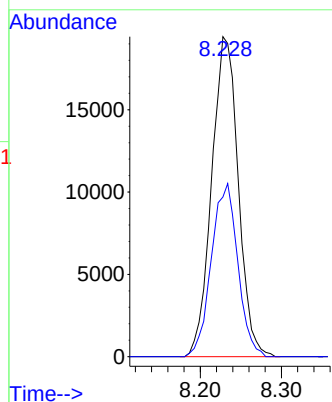
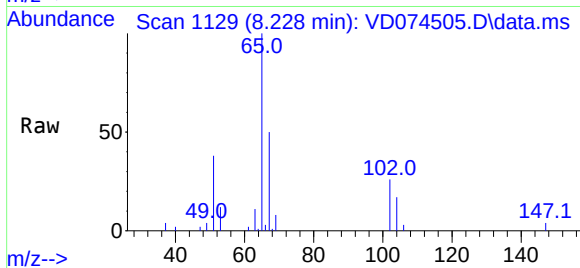
ClientSampleId :

Tgt Ion: 65 Resp: 44234

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074505.D

Acq: 10 Oct 2022 16:28

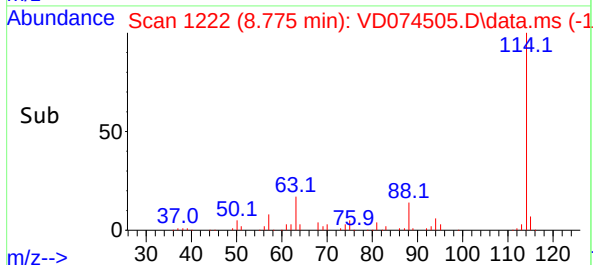
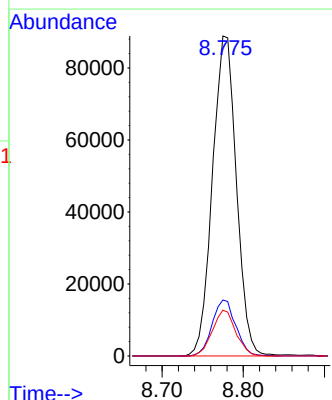
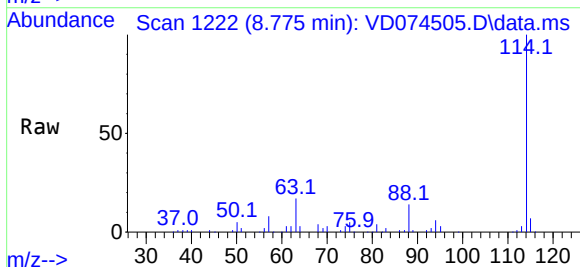
Tgt Ion: 114 Resp: 182051

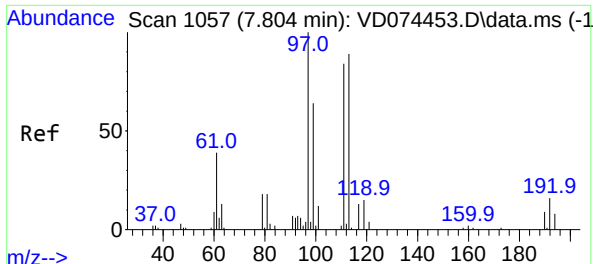
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

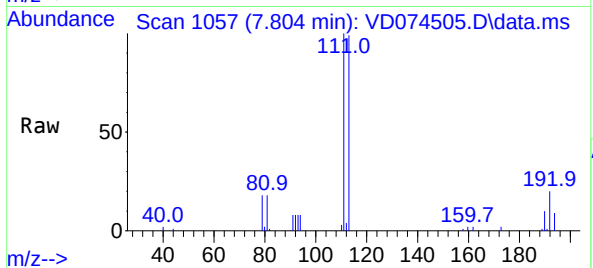
88 14.3 0.0 28.2



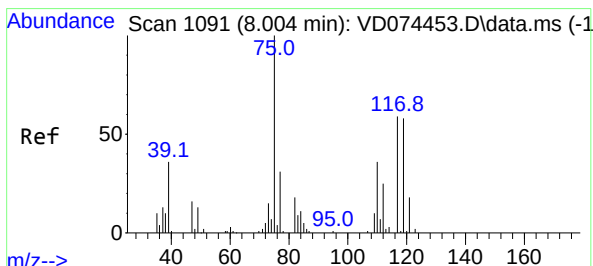
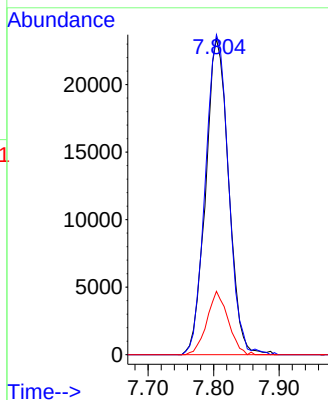
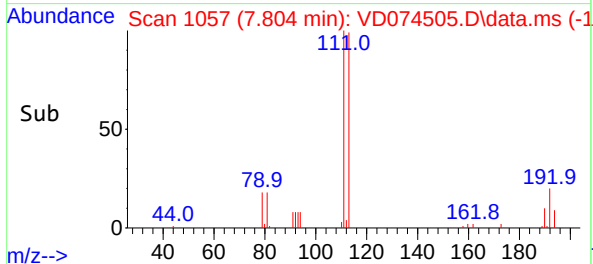


#35
Dibromofluoromethane
Concen: 47.463 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

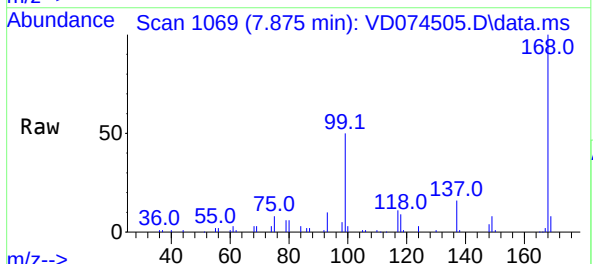
Instrument :
MSVOA_D
ClientSampleId :



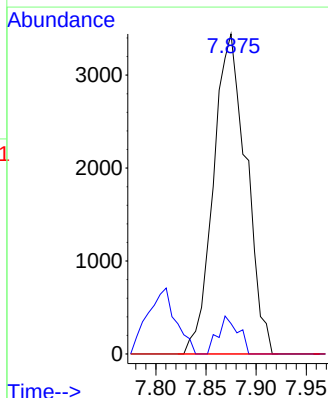
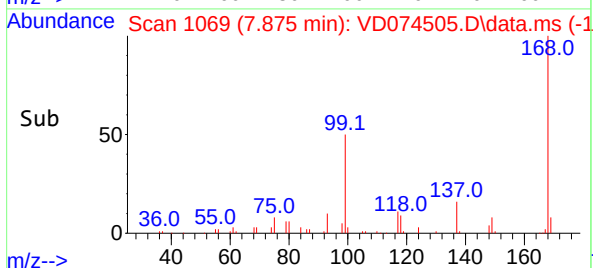
Tgt Ion:113 Resp: 56978
Ion Ratio Lower Upper
113 100
111 102.0 82.3 123.5
192 18.5 16.4 24.6

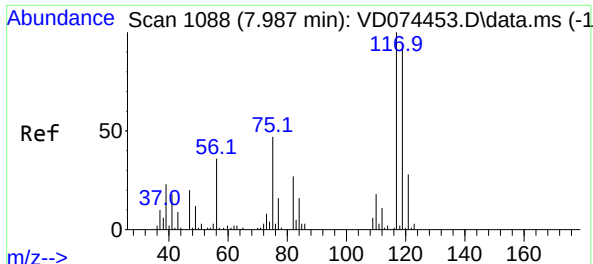


#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28



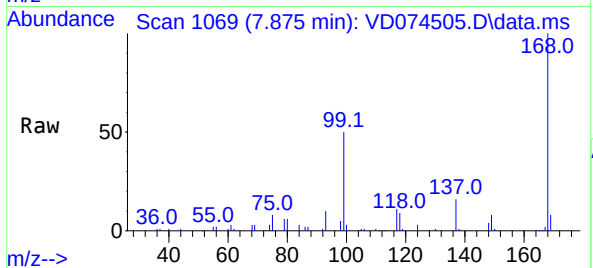
Tgt Ion: 75 Resp: 7844
Ion Ratio Lower Upper
75 100
110 7.2 19.7 59.0#
77 0.0 25.4 38.2#



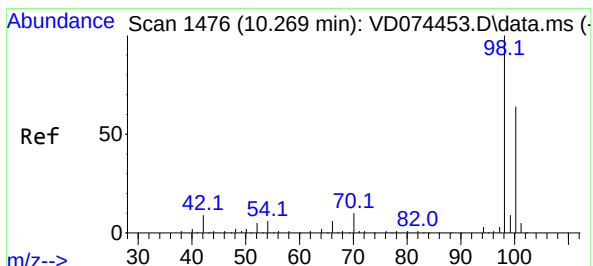
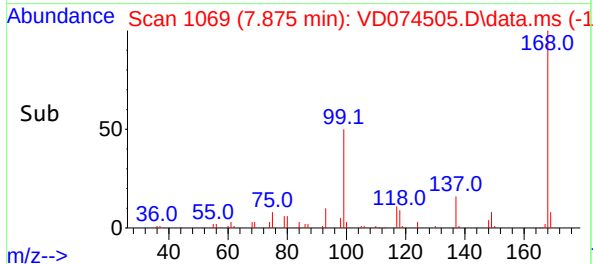
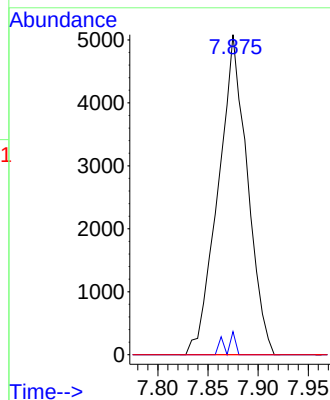


#38
Carbon Tetrachloride
Concen: 6.891 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.112 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :

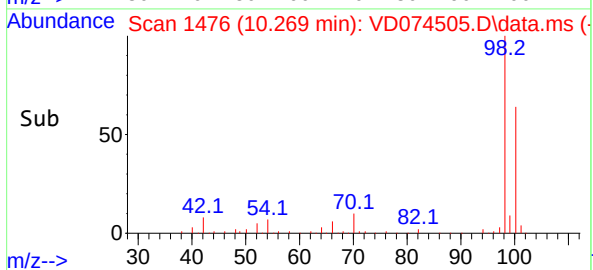
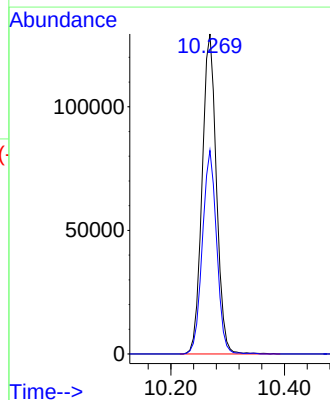
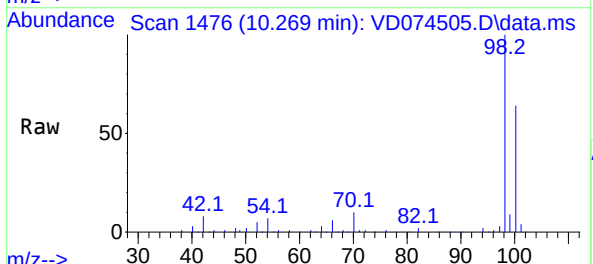


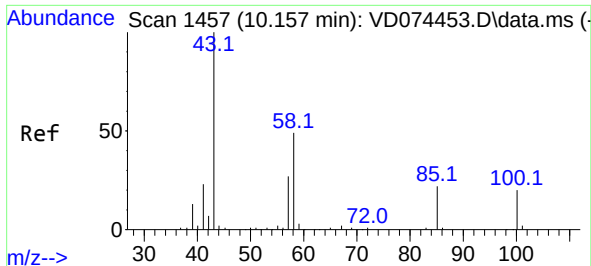
Tgt Ion:117 Resp: 10289
Ion Ratio Lower Upper
117 100
119 7.2 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.397 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Tgt Ion: 98 Resp: 225599
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 1.283 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074505.D

Acq: 10 Oct 2022 16:28

Instrument :

MSVOA_D

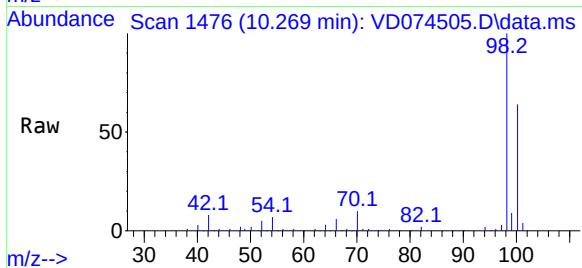
ClientSampleId :

Tgt Ion: 43 Resp: 673

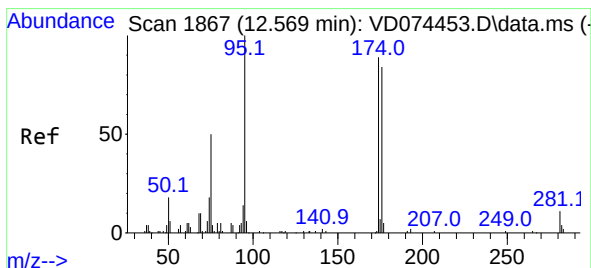
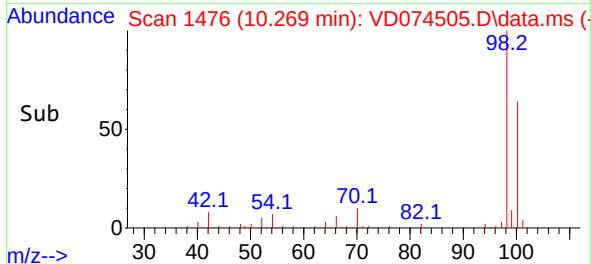
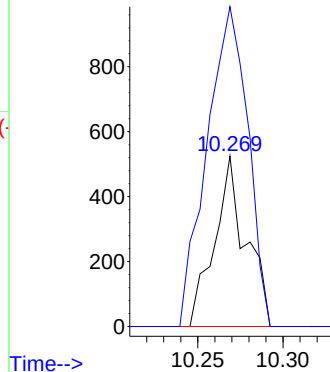
Ion Ratio Lower Upper

43 100

58 244.3 37.8 56.6#



Abundance



#62

4-Bromofluorobenzene

Concen: 39.900 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD074505.D

Acq: 10 Oct 2022 16:28

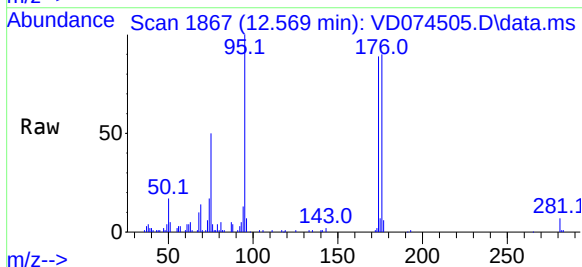
Tgt Ion: 95 Resp: 55758

Ion Ratio Lower Upper

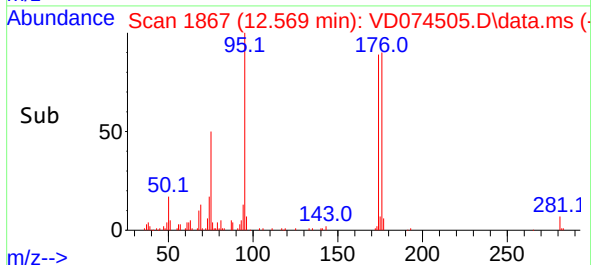
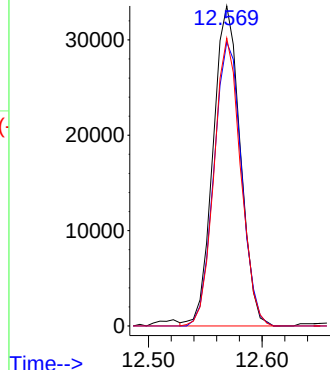
95 100

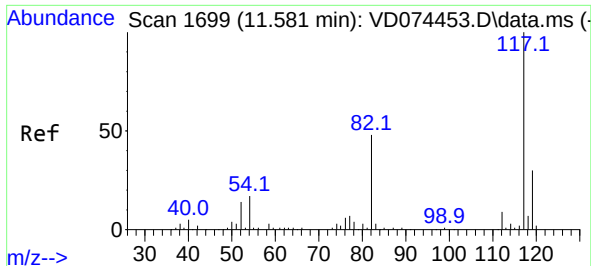
174 89.5 0.0 197.0

176 87.9 0.0 182.6



Abundance

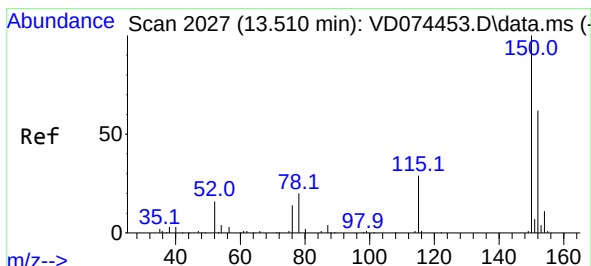
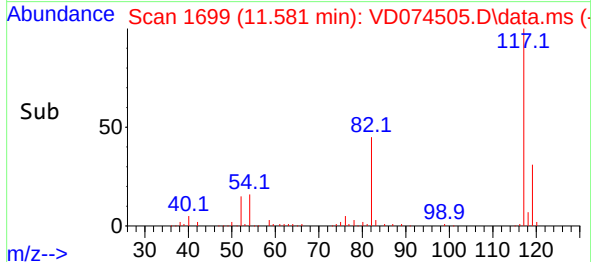
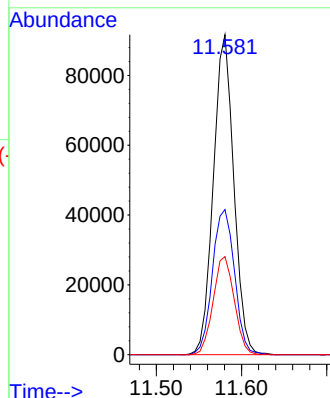
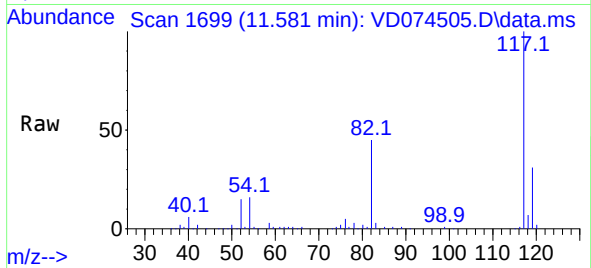




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

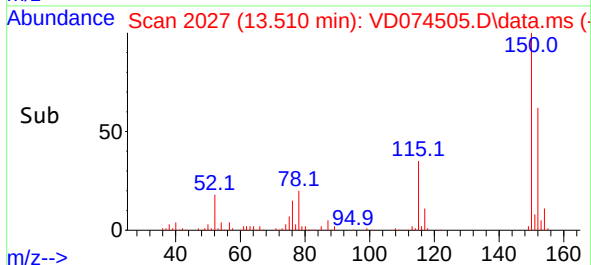
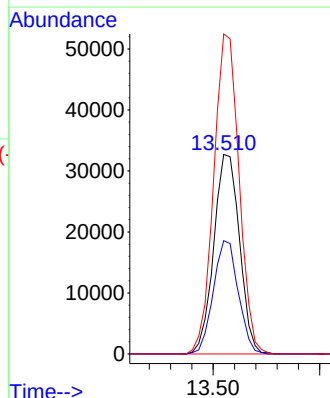
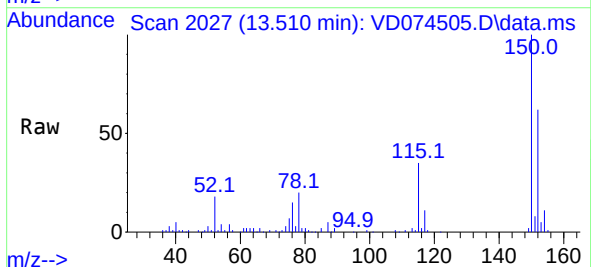
Instrument :
MSVOA_D
ClientSampleId :

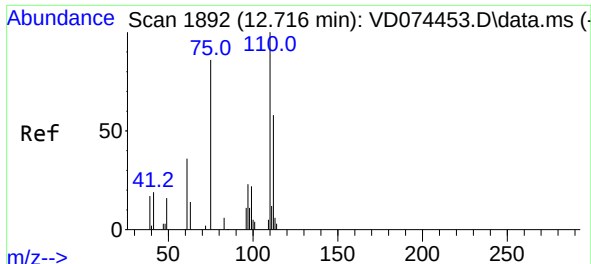
Tgt Ion:117 Resp: 152897
Ion Ratio Lower Upper
117 100
82 45.4 41.6 62.4
119 30.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Tgt Ion:152 Resp: 54790
Ion Ratio Lower Upper
152 100
115 55.1 26.8 80.4
150 158.0 0.0 348.2

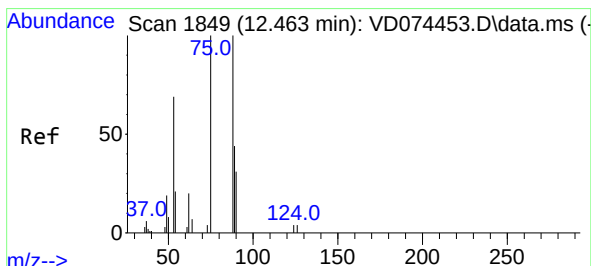
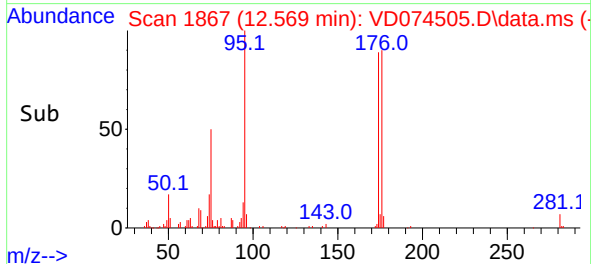
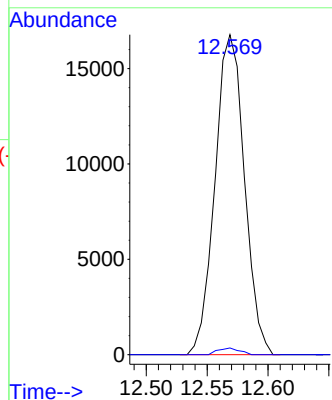
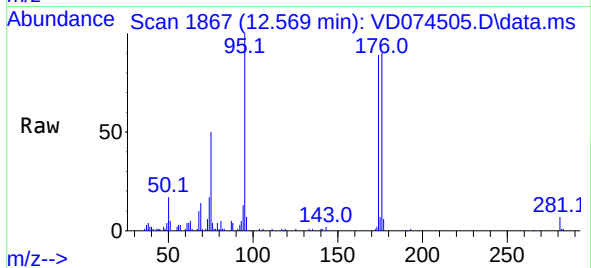




#76
1,2,3-Trichloropropane
Concen: 67.066 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 28207
Ion Ratio Lower Upper
75 100
77 1.5 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.632 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074505.D
Acq: 10 Oct 2022 16:28

Tgt Ion: 75 Resp: 28207
Ion Ratio Lower Upper
75 100
53 0.2 63.8 95.6#
89 0.0 38.2 57.4#

