

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074291.D
 Acq On : 14 Sep 2022 18:14
 Operator : VA/SY
 Sample : N4538-01
 Misc : 5.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:15:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

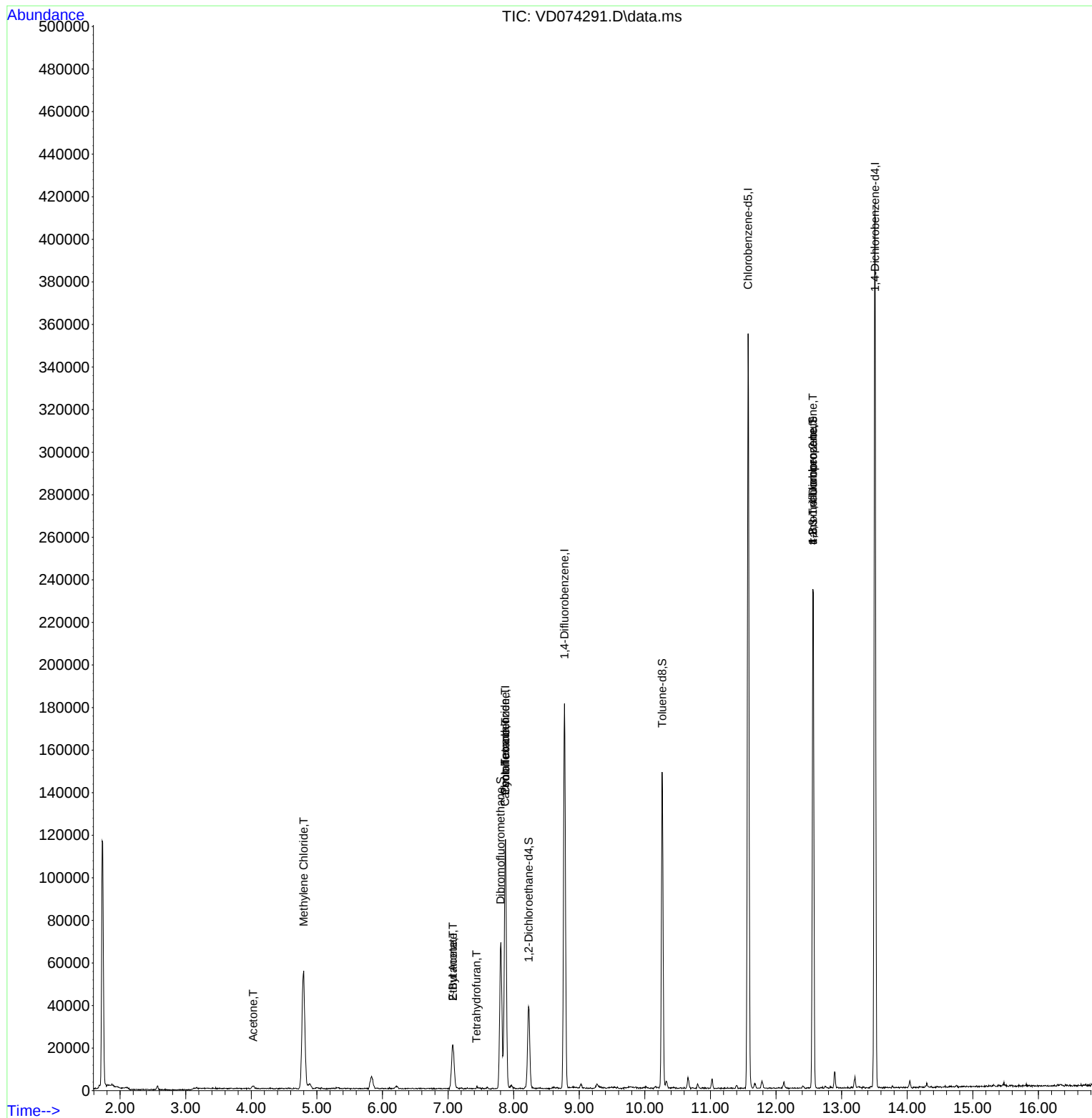
Internal Standards						
1) Pentafluorobenzene	7.875	168	90327	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	204309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	113483	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28953	31.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	62.880%
35) Dibromofluoromethane	7.799	113	49848	45.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.800%
50) Toluene-d8	10.263	98	103156	25.819	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	51.640%
62) 4-Bromofluorobenzene	12.563	95	73005	52.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.380%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	2380	12.521	ug/l	92
20) Methylene Chloride	4.799	84	43125	35.491	ug/l	95
25) 2-Butanone	7.075	43	1535	4.842	ug/l #	48
29) Tetrahydrofuran	7.434	42	769	3.935	ug/l #	45
31) Cyclohexane	7.875	56	2356	1.238	ug/l #	38
37) Ethyl Acetate	7.075	43	1535	2.006	ug/l #	1
38) Carbon Tetrachloride	7.869	117	9195	5.761	ug/l #	11
76) 1,2,3-Trichloropropane	12.563	75	38104	32.753	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	38104	80.755	ug/l #	100

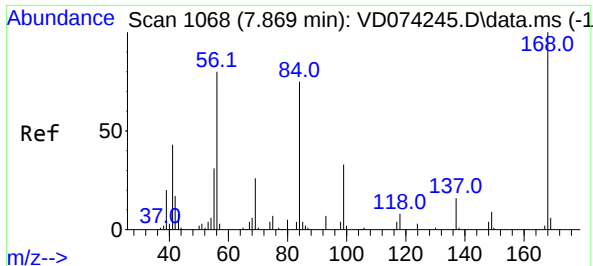
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

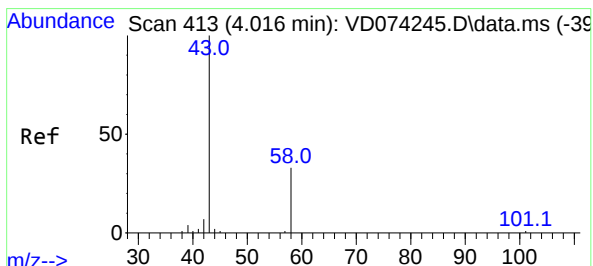
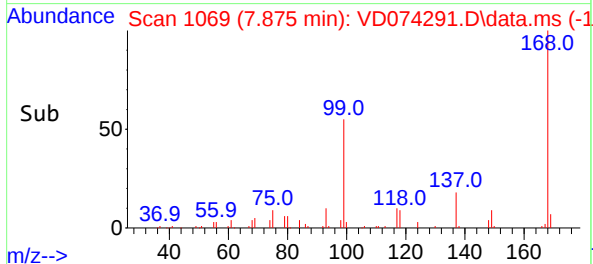
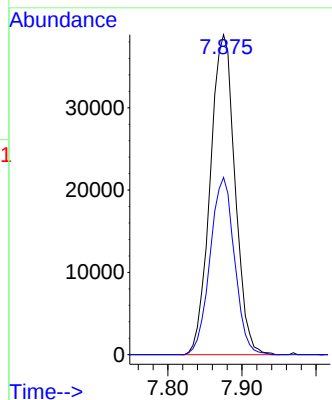
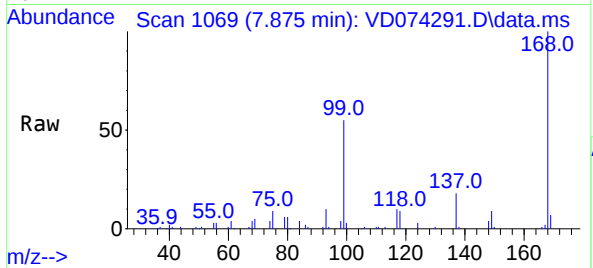




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

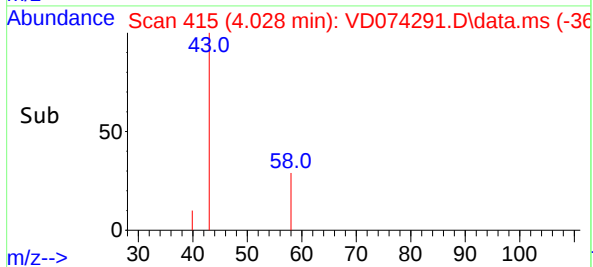
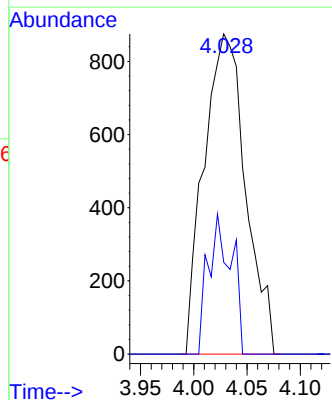
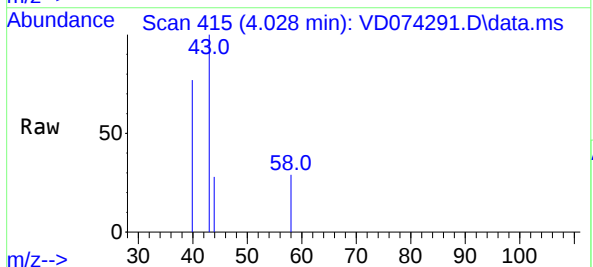
Instrument :
MSVOA_D
ClientSampleId :

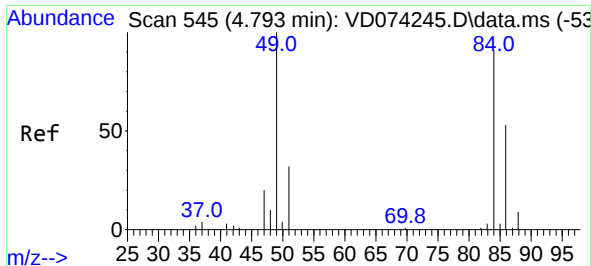
Tgt Ion:168 Resp: 90327
Ion Ratio Lower Upper
168 100
99 55.4 43.0 64.6



#16
Acetone
Concen: 12.521 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

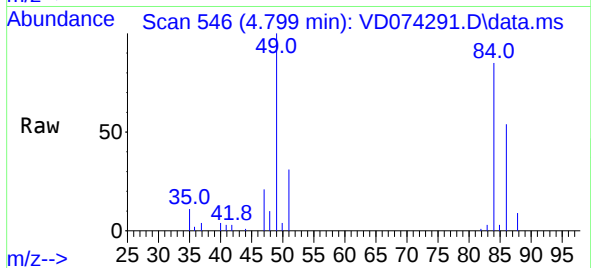
Tgt Ion: 43 Resp: 2380
Ion Ratio Lower Upper
43 100
58 28.7 26.4 39.6



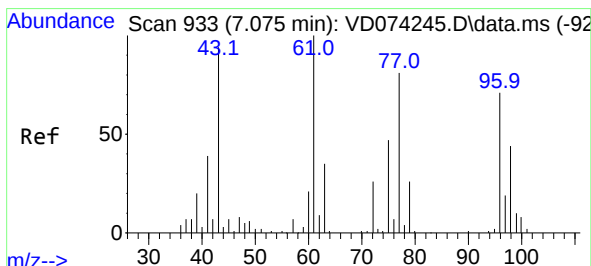
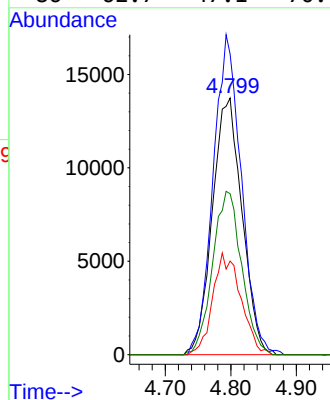
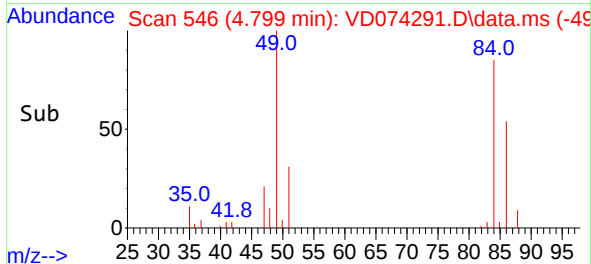


#20
Methylene Chloride
Concen: 35.491 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

Instrument :
MSVOA_D
ClientSampleId :

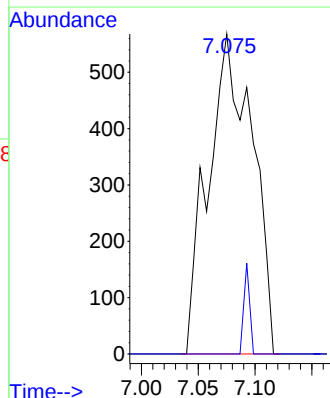
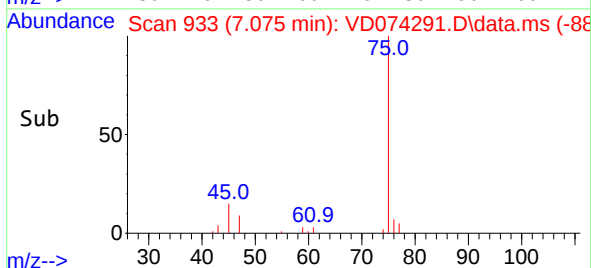
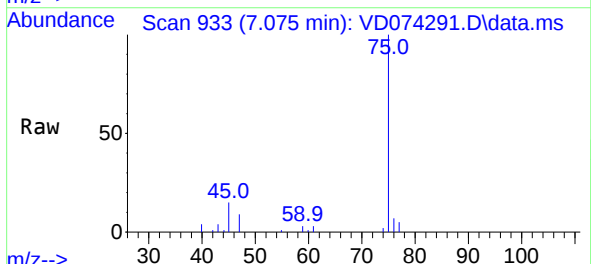


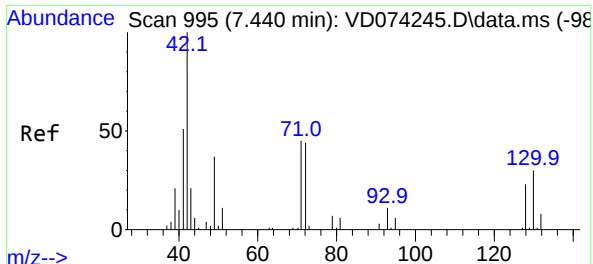
Tgt Ion: 84 Resp: 43125
Ion Ratio Lower Upper
84 100
49 117.1 88.4 132.6
51 36.4 28.0 42.0
86 62.7 47.1 70.7



#25
2-Butanone
Concen: 4.842 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

Tgt Ion: 43 Resp: 1535
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#





#29

Tetrahydrofuran

Concen: 3.935 ug/l

RT: 7.434 min Scan# 994

Delta R.T. -0.006 min

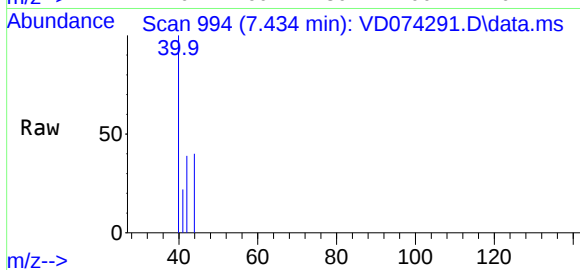
Lab File: VD074291.D

Acq: 14 Sep 2022 18:14

Instrument :

MSVOA_D

ClientSampleId :



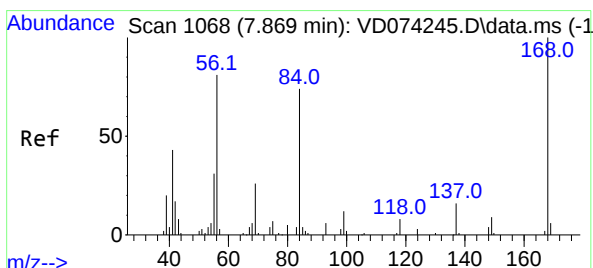
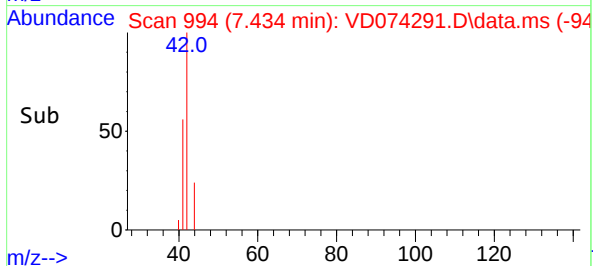
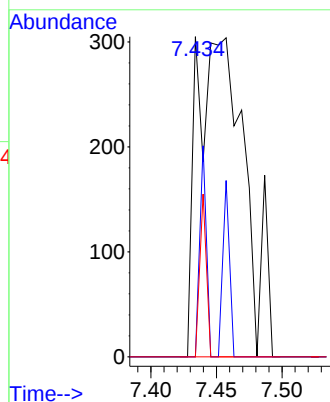
Tgt Ion: 42 Resp: 769

Ion Ratio Lower Upper

42 100

72 9.2 36.1 54.1#

71 7.2 34.1 51.1#



#31

Cyclohexane

Concen: 1.238 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD074291.D

Acq: 14 Sep 2022 18:14

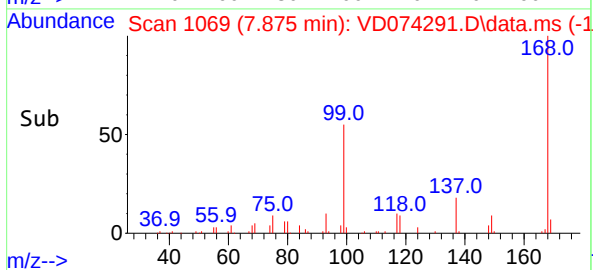
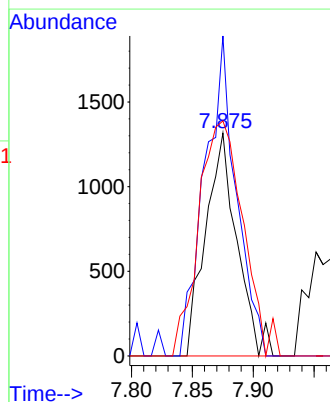
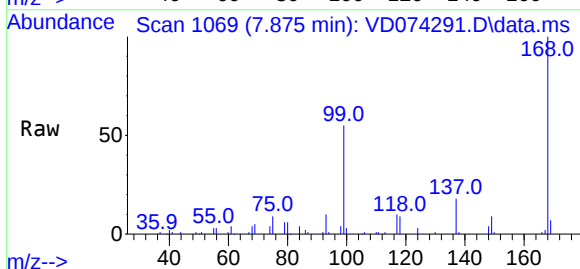
Tgt Ion: 56 Resp: 2356

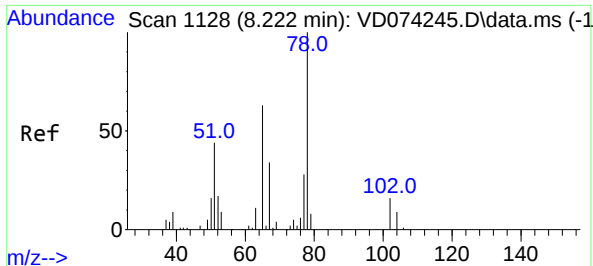
Ion Ratio Lower Upper

56 100

69 143.6 25.7 38.5#

84 105.5 73.9 110.9

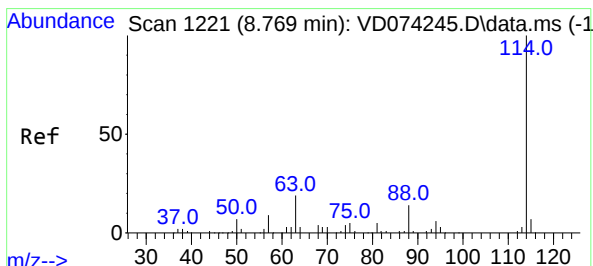
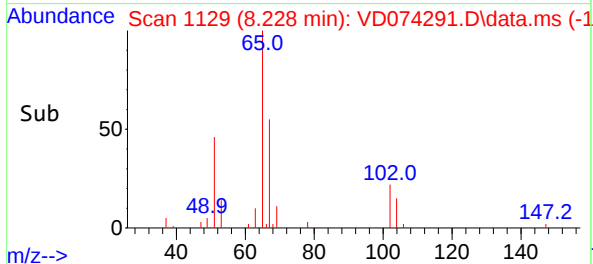
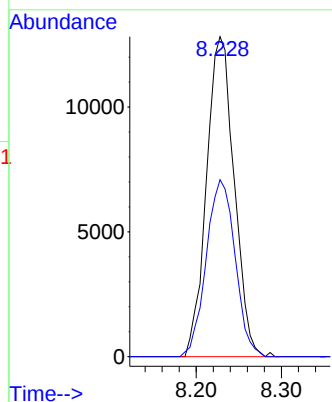
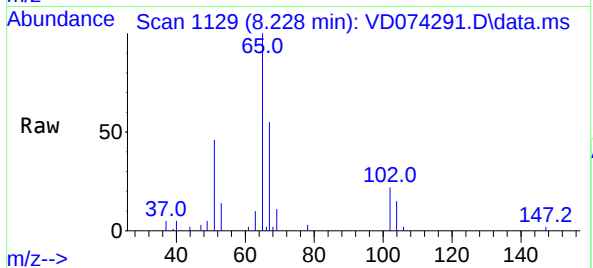




#33
1,2-Dichloroethane-d4
Concen: 31.440 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

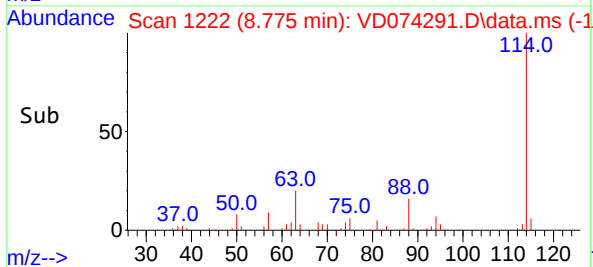
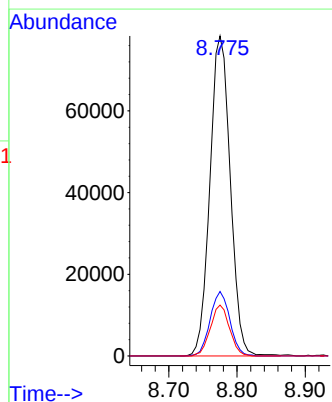
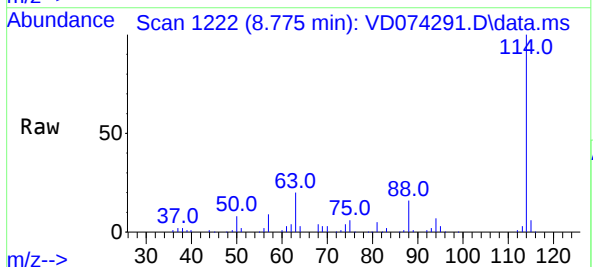
Instrument :
MSVOA_D
ClientSampleId :

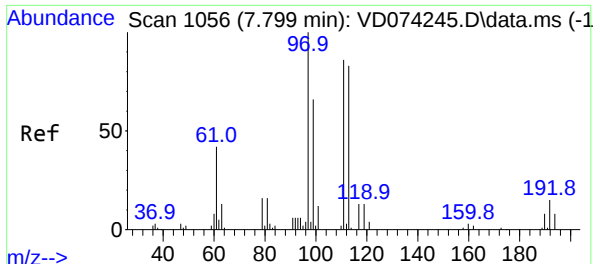
Tgt Ion: 65 Resp: 28953
Ion Ratio Lower Upper
65 100
67 57.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

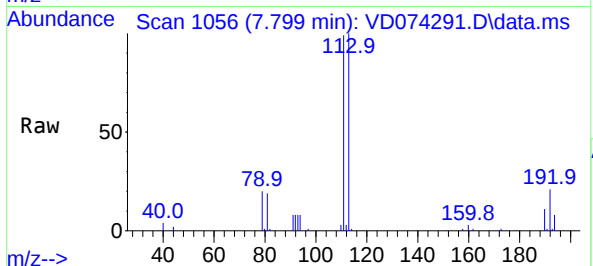
Tgt Ion:114 Resp: 162990
Ion Ratio Lower Upper
114 100
63 20.2 0.0 37.6
88 15.9 0.0 28.4





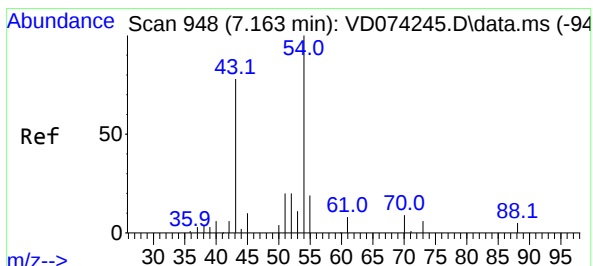
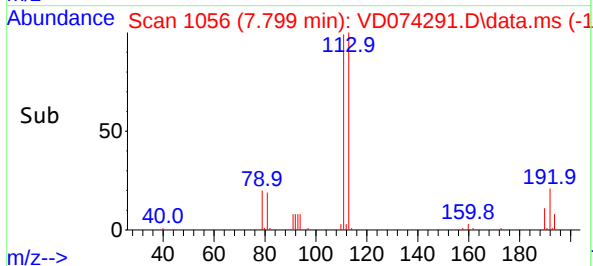
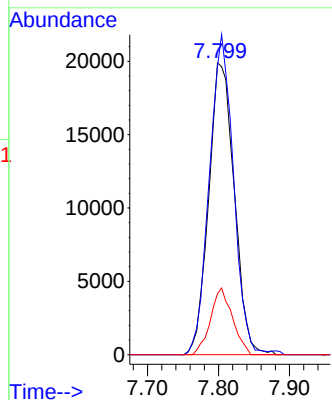
#35
 Dibromofluoromethane
 Concen: 45.397 ug/l
 RT: 7.799 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VD074291.D
 Acq: 14 Sep 2022 18:14

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 113 Resp: 49848

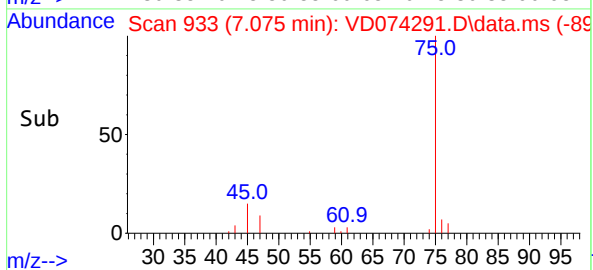
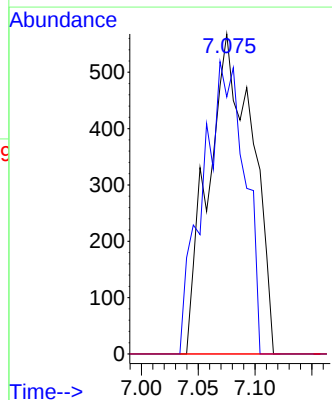
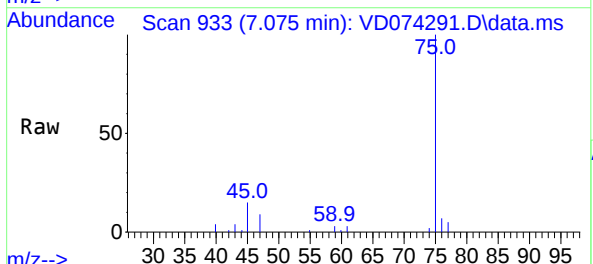
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.0	124.6
192	19.6	16.2	24.2

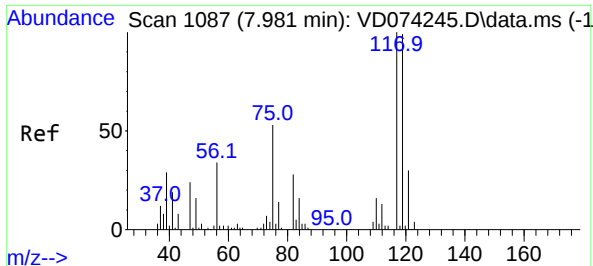


#37
 Ethyl Acetate
 Concen: 2.006 ug/l
 RT: 7.075 min Scan# 933
 Delta R.T. -0.088 min
 Lab File: VD074291.D
 Acq: 14 Sep 2022 18:14

Tgt Ion: 43 Resp: 1535

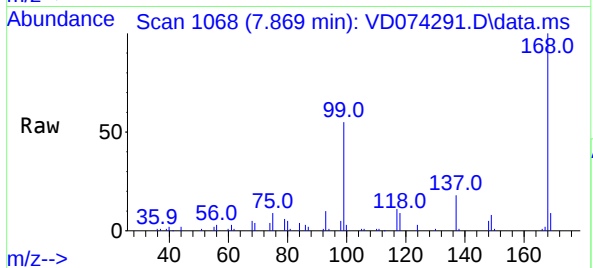
Ion	Ratio	Lower	Upper
43	100		
61	86.7	12.1	18.1#
70	0.0	8.5	12.7#



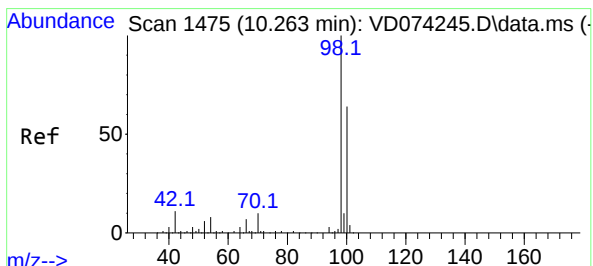
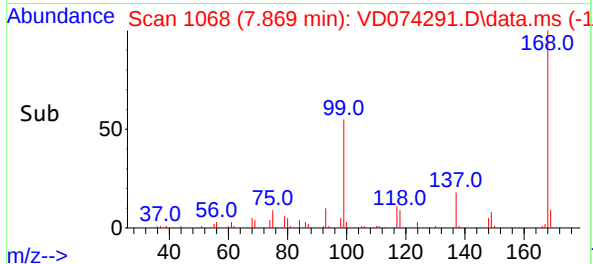
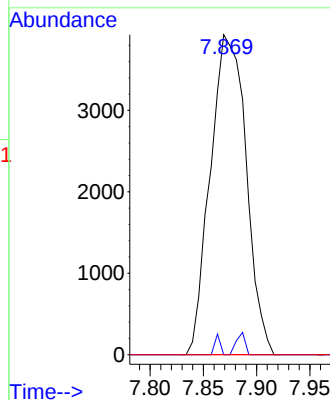


#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 7.869 min Scan# 1087
Delta R.T. -0.112 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

Instrument :
MSVOA_D
ClientSampleId :

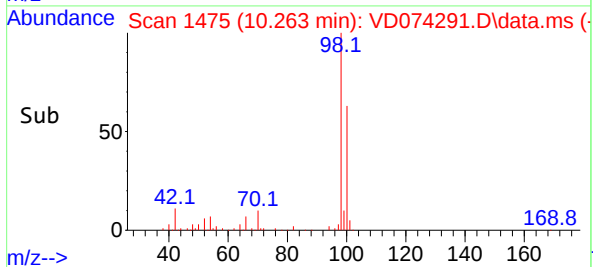
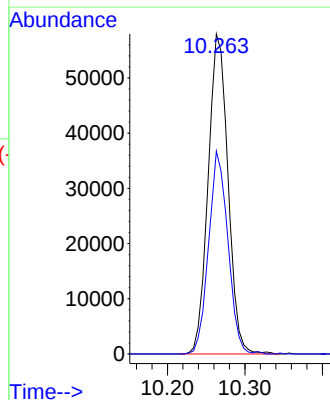
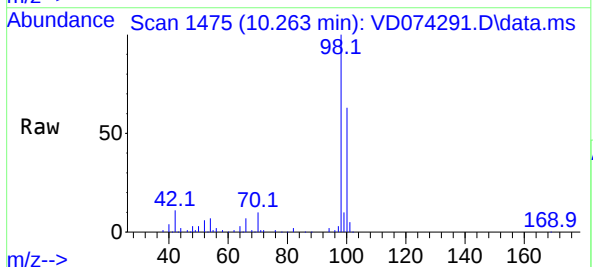


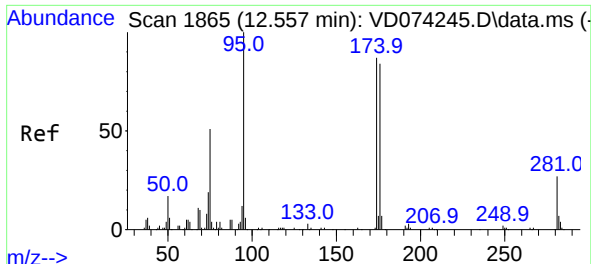
Tgt Ion:117 Resp: 9195
Ion Ratio Lower Upper
117 100
119 0.0 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 25.819 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

Tgt Ion: 98 Resp: 103156
Ion Ratio Lower Upper
98 100
100 61.6 51.8 77.8

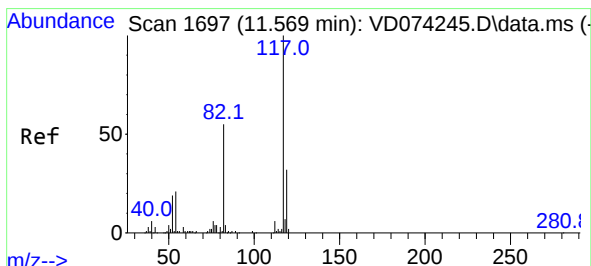
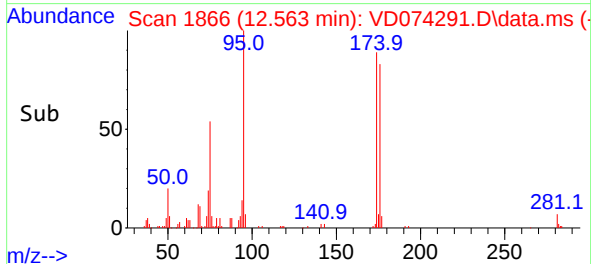
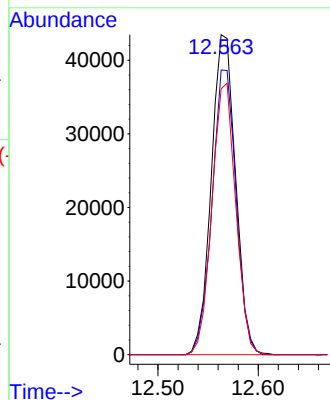
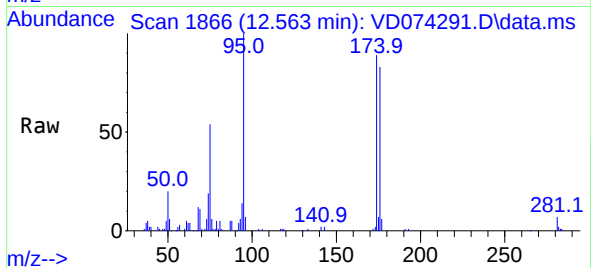




#62
4-Bromofluorobenzene
Concen: 52.692 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

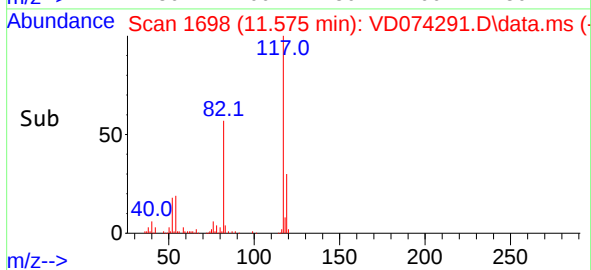
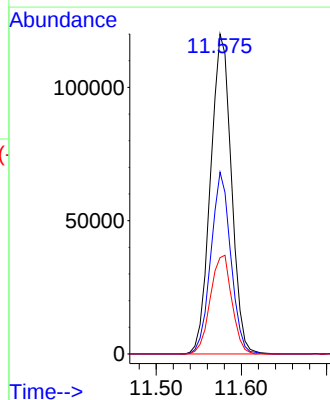
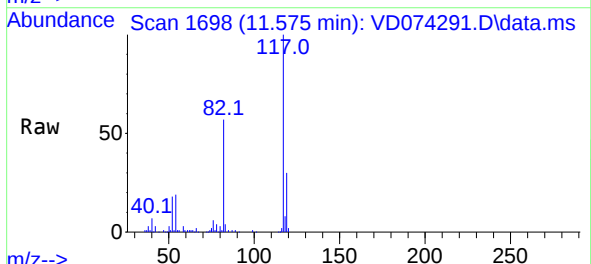
Instrument :
MSVOA_D
ClientSampleId :

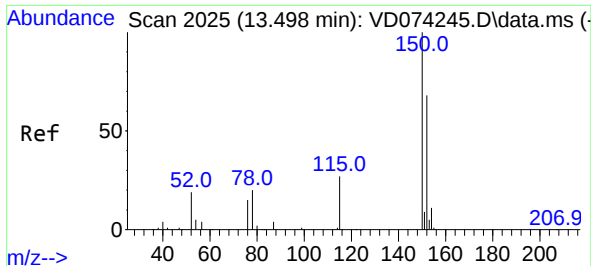
Tgt Ion: 95 Resp: 73005
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 83.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074291.D
Acq: 14 Sep 2022 18:14

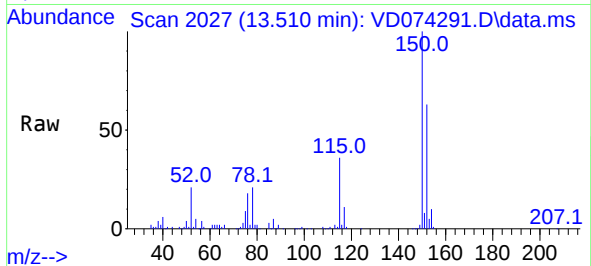
Tgt Ion: 117 Resp: 204309
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 30.1 25.4 38.0



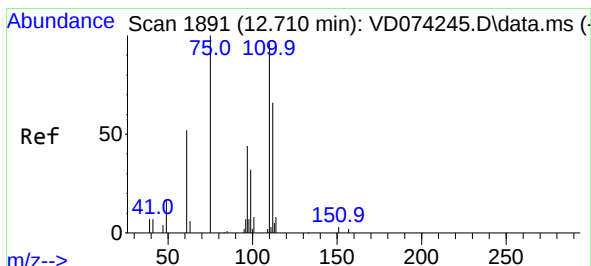
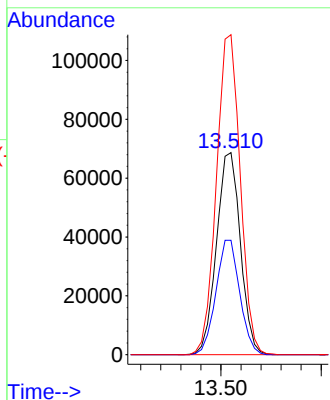
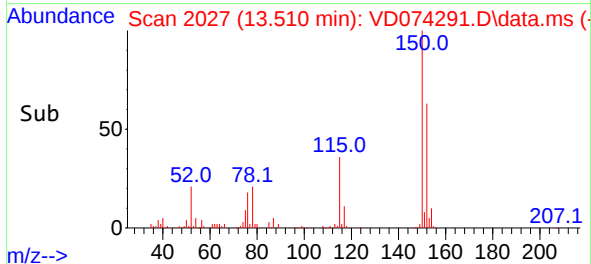


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074291.D
 Acq: 14 Sep 2022 18:14

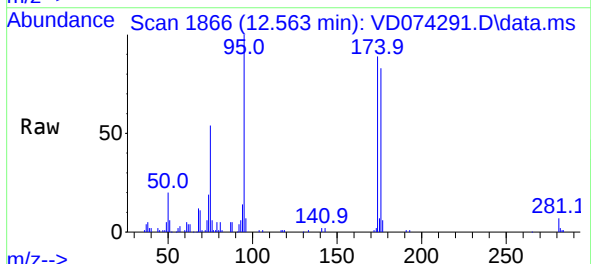
Instrument :
 MSVOA_D
 ClientSampleId :



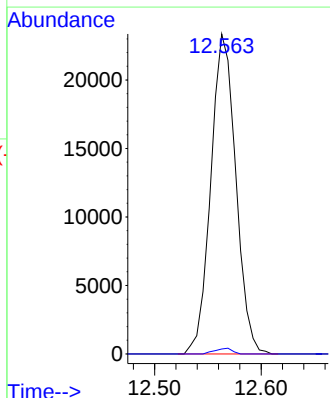
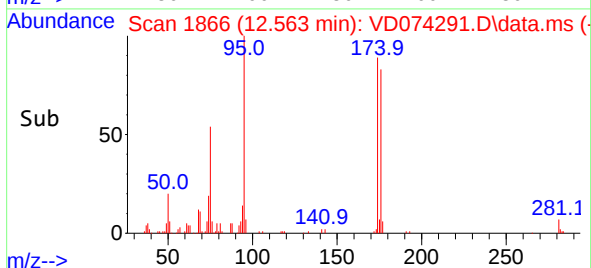
Tgt Ion:152 Resp: 113483
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.4 85.2
 150 157.7 0.0 351.0

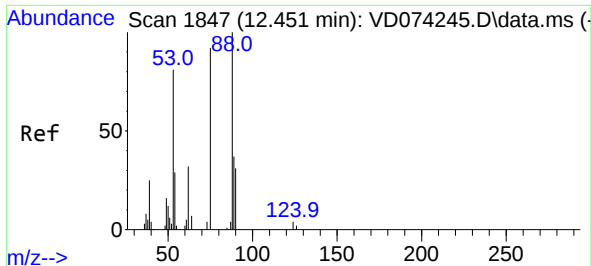


#76
 1,2,3-Trichloropropane
 Concen: 32.753 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. -0.147 min
 Lab File: VD074291.D
 Acq: 14 Sep 2022 18:14



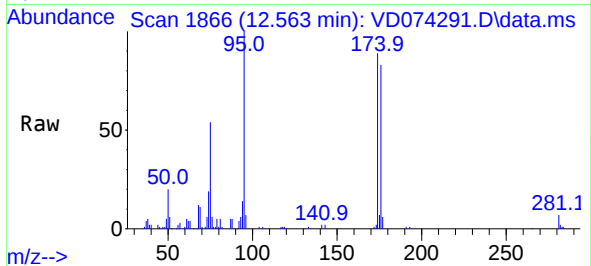
Tgt Ion: 75 Resp: 38104
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.755 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. 0.112 min
 Lab File: VD074291.D
 Acq: 14 Sep 2022 18:14

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	38104
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

