

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074290.D
 Acq On : 14 Sep 2022 17:45
 Operator : VA/SY
 Sample : N4579-23
 Misc : 2.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:15:15 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	94066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	167782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	225861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	145311	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31562	32.911	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.820%
35) Dibromofluoromethane	7.804	113	53003	47.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.020%
50) Toluene-d8	10.263	98	113089	27.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	55.000%
62) 4-Bromofluorobenzene	12.563	95	85546	61.091	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.180%

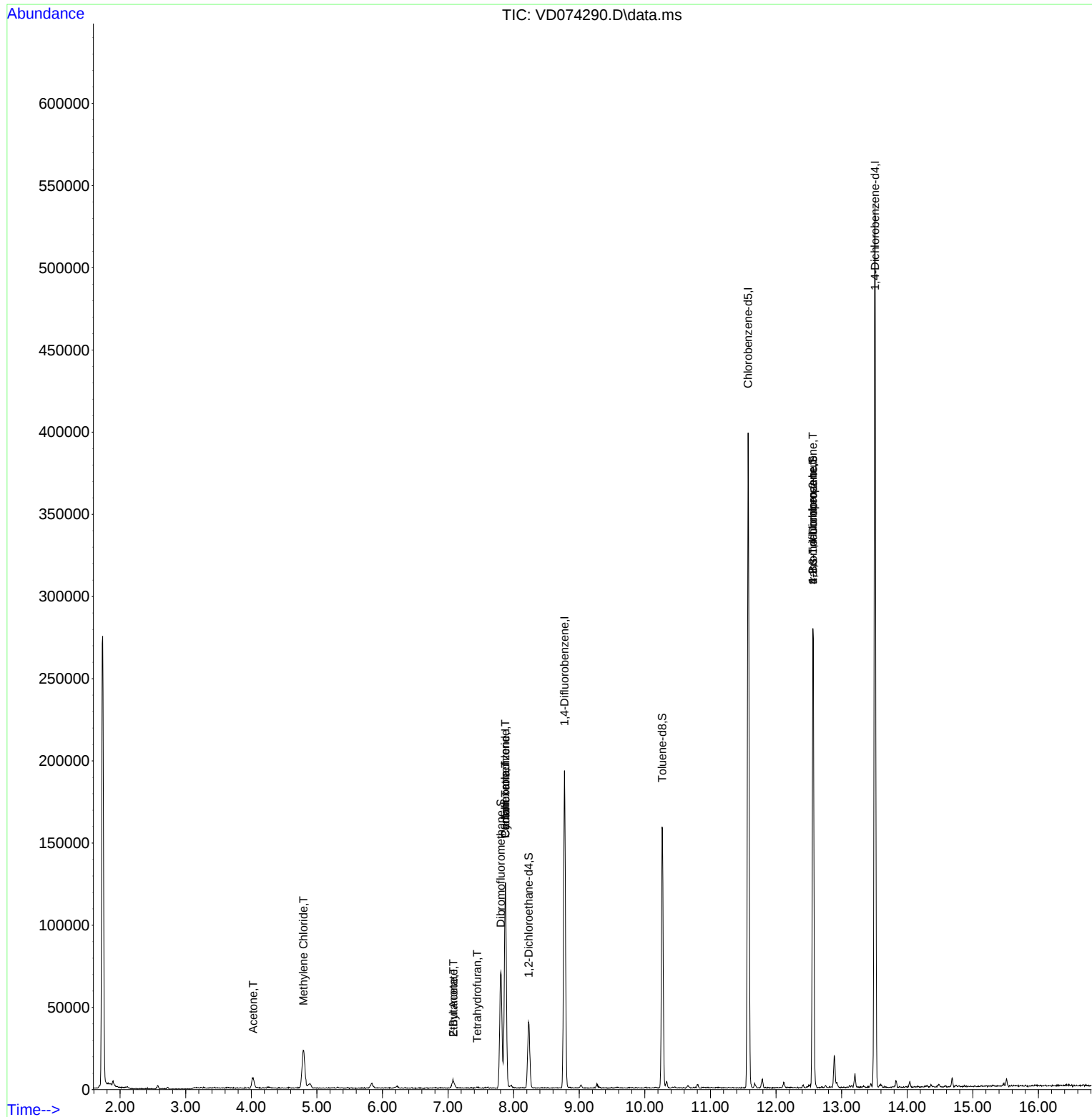
Target Compounds					Qvalue	
16) Acetone	4.028	43	11318	57.176	ug/l	99
20) Methylene Chloride	4.793	84	18464	10.521	ug/l	91
25) 2-Butanone	7.081	43	3520	10.662	ug/l	95
29) Tetrahydrofuran	7.445	42	640	3.144	ug/l #	39
31) Cyclohexane	7.875	56	2605	1.314	ug/l #	8
37) Ethyl Acetate	7.081	43	3520	4.470	ug/l #	81
38) Carbon Tetrachloride	7.875	117	9586	5.834	ug/l #	11
58) 2-Chloroethyl Vinyl ether	9.863	63	56	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.563	75	46070	30.927	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	46070	76.251	ug/l #	100

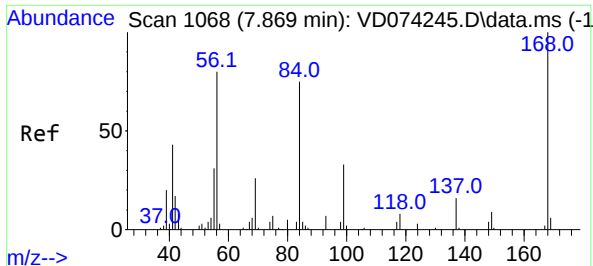
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

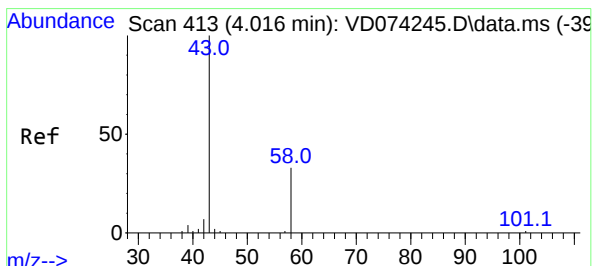
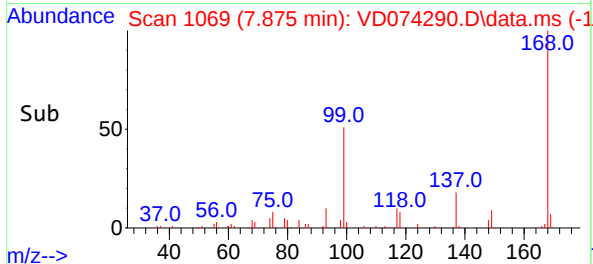
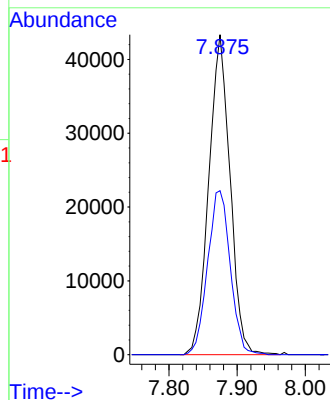
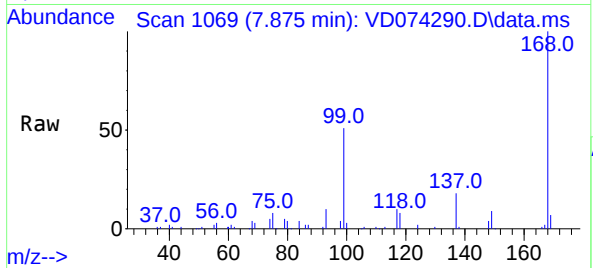




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

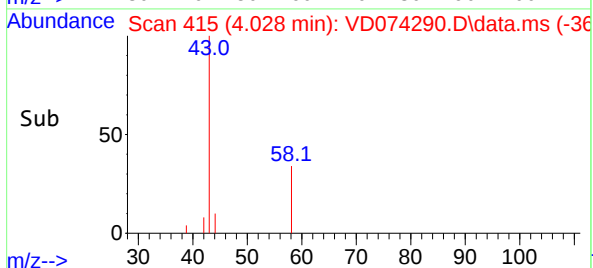
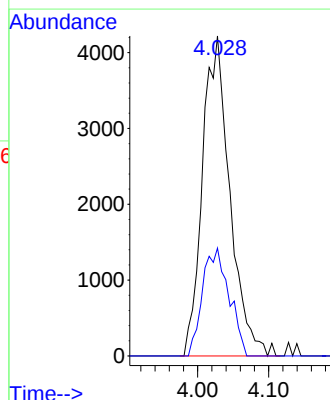
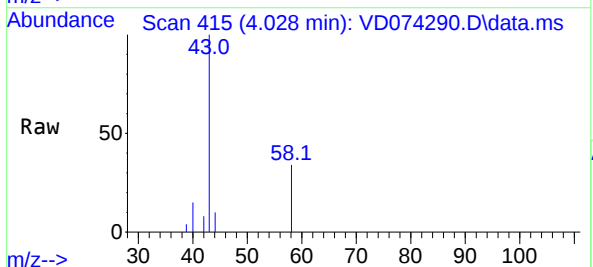
Instrument :
MSVOA_D
ClientSampleId :

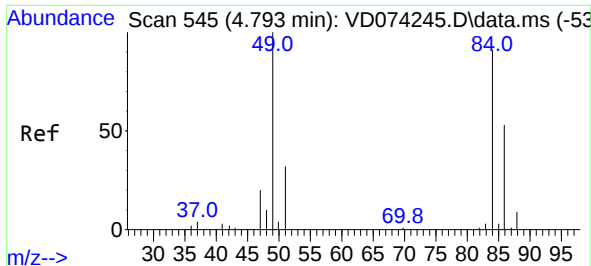
Tgt Ion:168 Resp: 94066
Ion Ratio Lower Upper
168 100
99 51.3 43.0 64.6



#16
Acetone
Concen: 57.176 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

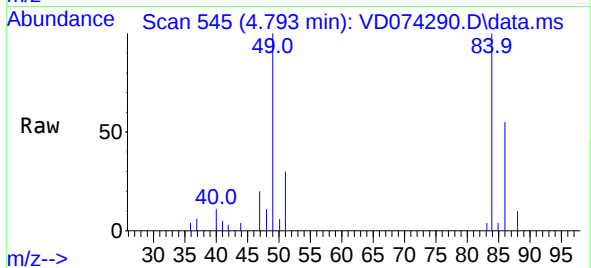
Tgt Ion: 43 Resp: 11318
Ion Ratio Lower Upper
43 100
58 33.7 26.4 39.6





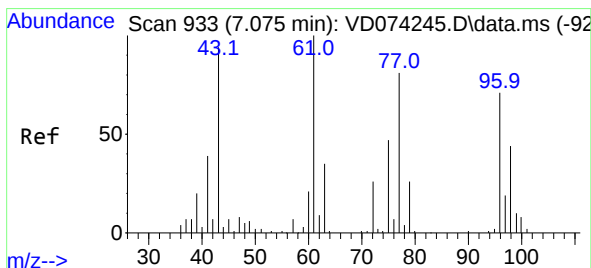
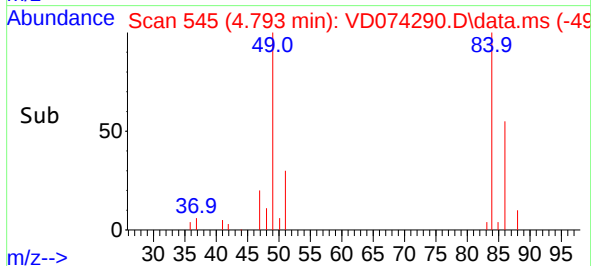
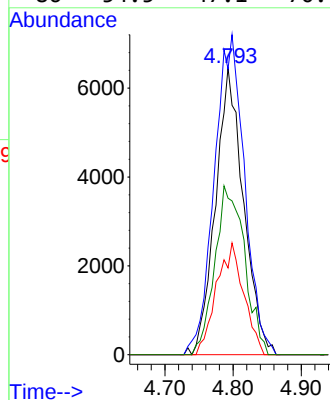
#20
Methylene Chloride
Concen: 10.521 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 18464

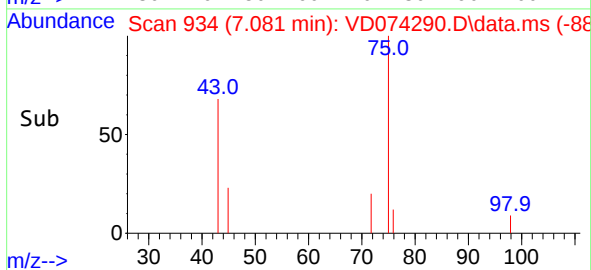
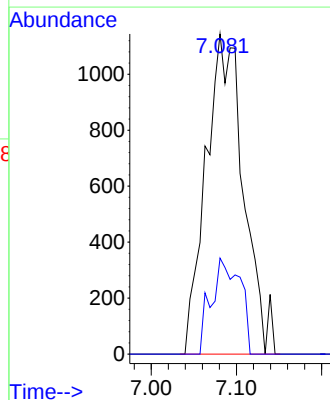
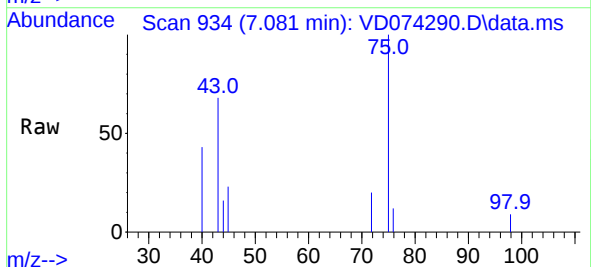
Ion	Ratio	Lower	Upper
84	100		
49	99.5	88.4	132.6
51	30.2	28.0	42.0
86	54.5	47.1	70.7

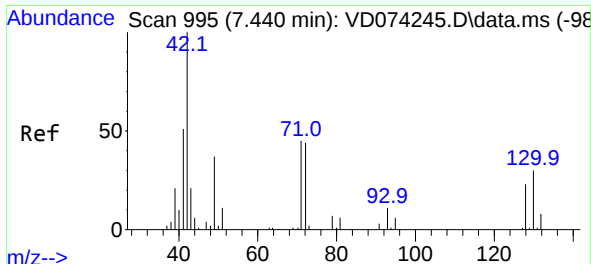


#25
2-Butanone
Concen: 10.662 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Tgt Ion: 43 Resp: 3520

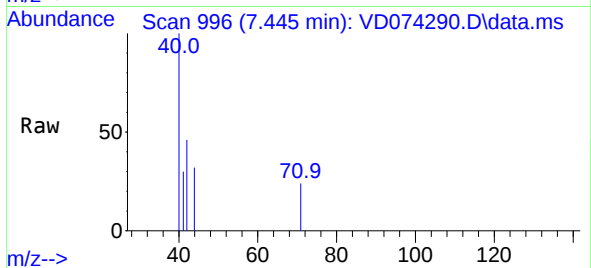
Ion	Ratio	Lower	Upper
43	100		
72	30.0	21.8	32.6



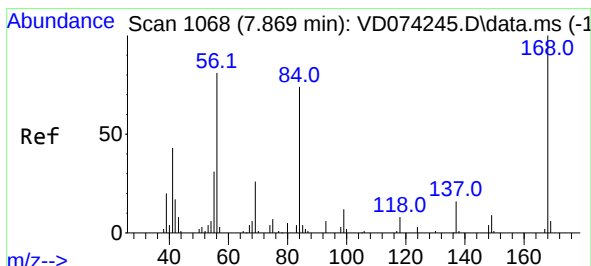
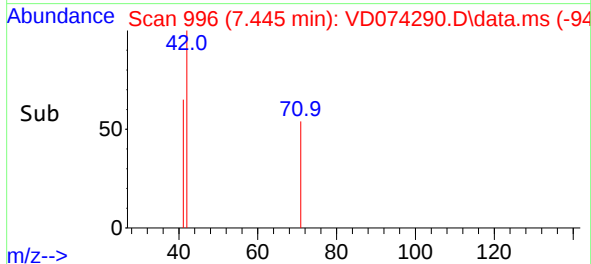
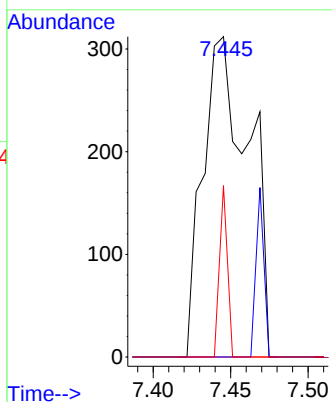


#29
Tetrahydrofuran
Concen: 3.144 ug/l
RT: 7.445 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Instrument :
MSVOA_D
ClientSampleId :

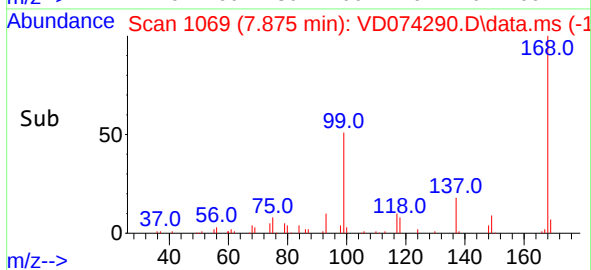
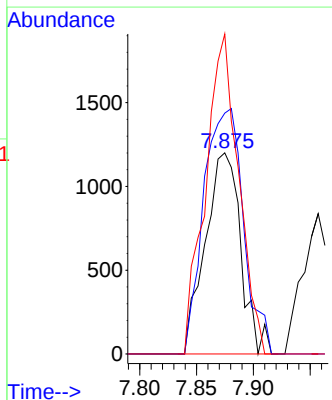
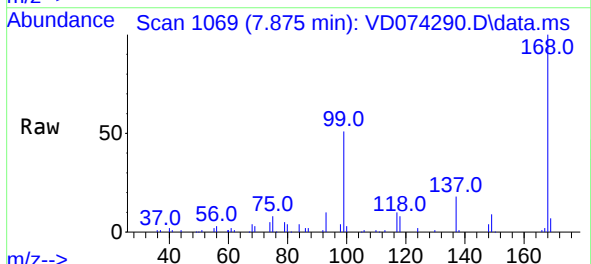


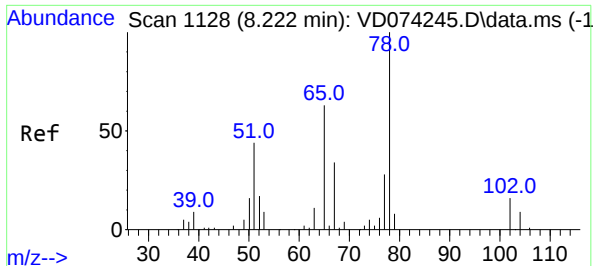
Tgt Ion: 42 Resp: 640
Ion Ratio Lower Upper
42 100
72 0.0 36.1 54.1#
71 9.2 34.1 51.1#



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Tgt Ion: 56 Resp: 2605
Ion Ratio Lower Upper
56 100
69 119.7 25.7 38.5#
84 159.0 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 32.911 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074290.D

Acq: 14 Sep 2022 17:45

Instrument :

MSVOA_D

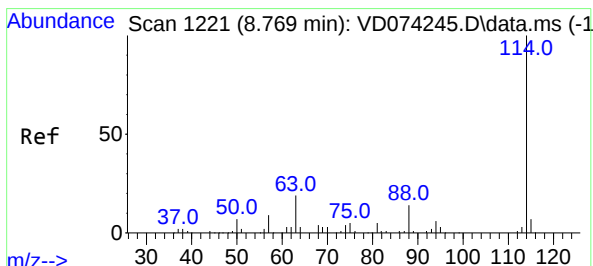
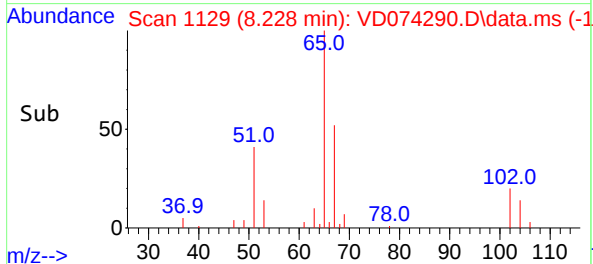
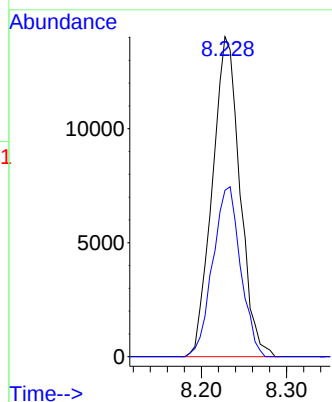
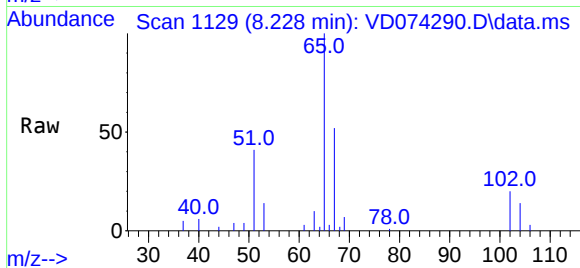
ClientSampleId :

Tgt Ion: 65 Resp: 31562

Ion Ratio Lower Upper

65 100

67 53.5 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: VD074290.D

Acq: 14 Sep 2022 17:45

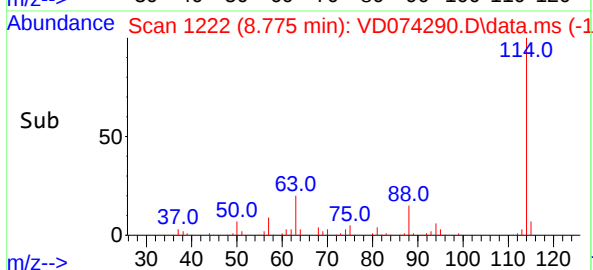
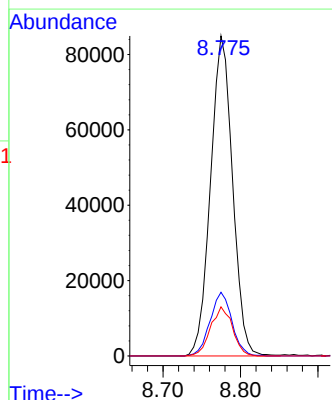
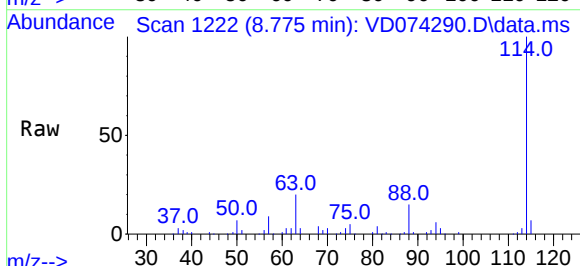
Tgt Ion: 114 Resp: 167782

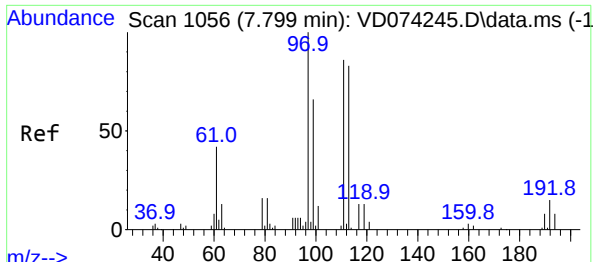
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.6

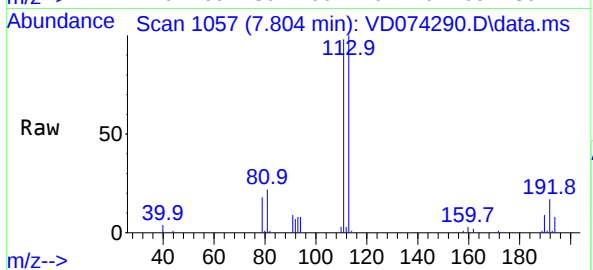
88 15.3 0.0 28.4



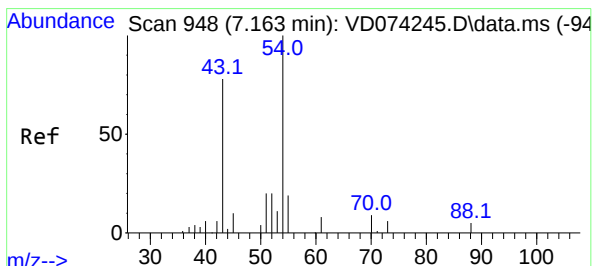
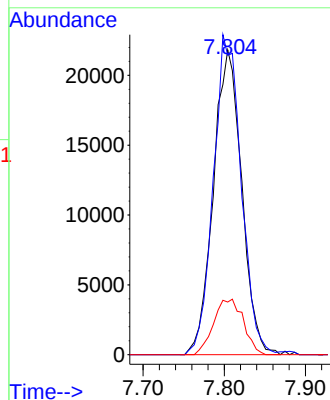
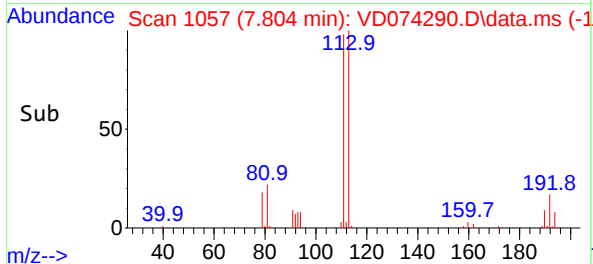


#35
Dibromofluoromethane
Concen: 47.008 ug/l
RT: 7.804 min Scan# 1056
Delta R.T. 0.005 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

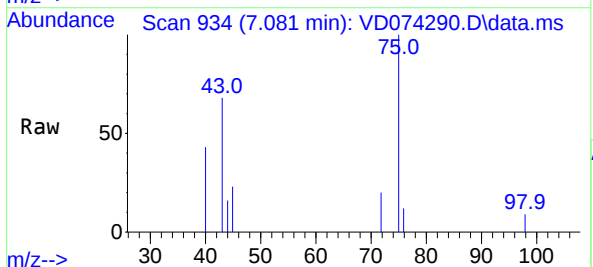
Instrument :
MSVOA_D
ClientSampleId :



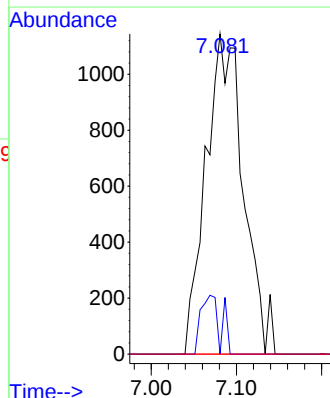
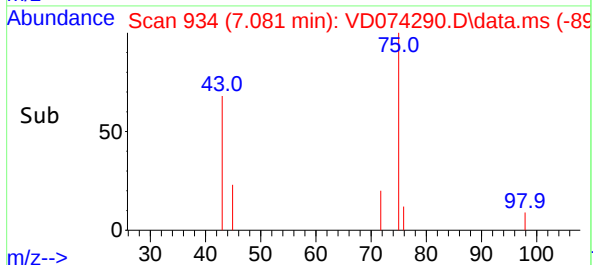
Tgt Ion:113 Resp: 53003
Ion Ratio Lower Upper
113 100
111 102.7 83.0 124.6
192 19.1 16.2 24.2

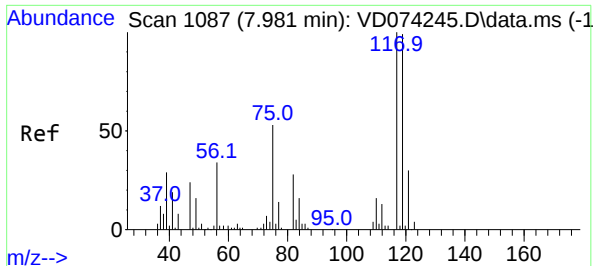


#37
Ethyl Acetate
Concen: 4.470 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.083 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45



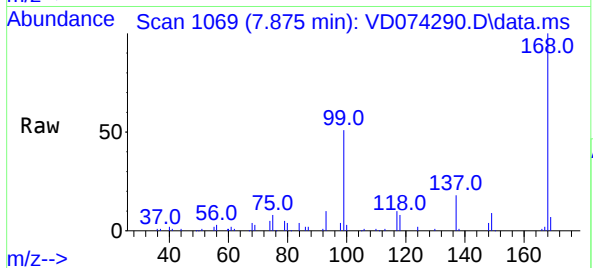
Tgt Ion: 43 Resp: 3520
Ion Ratio Lower Upper
43 100
61 9.5 12.1 18.1#
70 0.0 8.5 12.7#



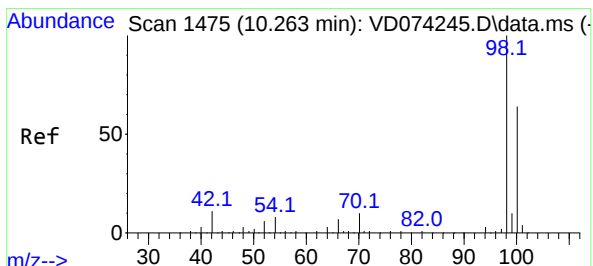
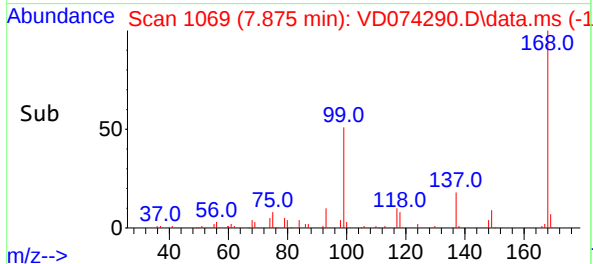
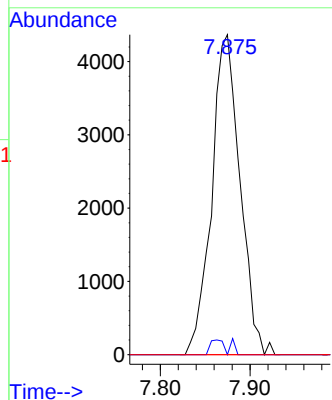


#38
Carbon Tetrachloride
Concen: 5.834 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Instrument :
MSVOA_D
ClientSampleId :

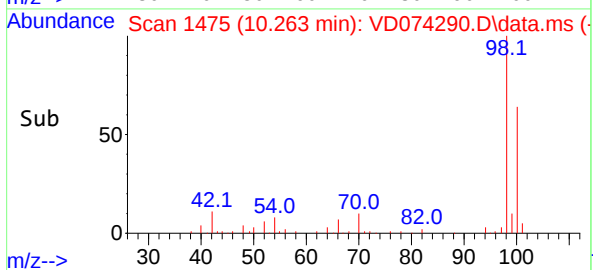
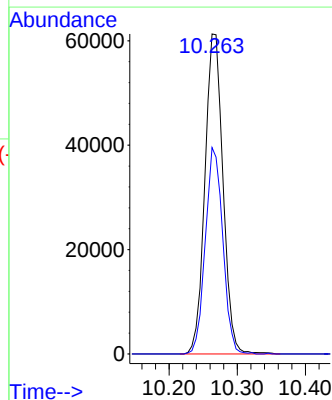
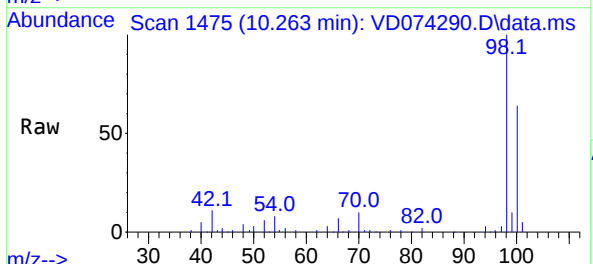


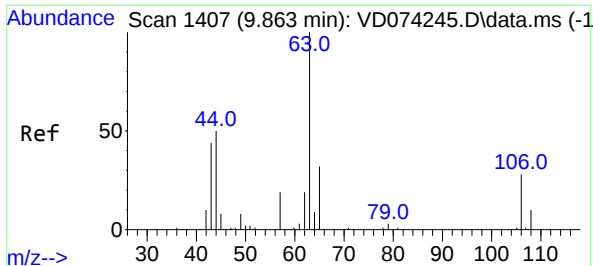
Tgt Ion:117 Resp: 9586
Ion Ratio Lower Upper
117 100
119 0.0 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 27.496 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Tgt Ion: 98 Resp: 113089
Ion Ratio Lower Upper
98 100
100 62.2 51.8 77.8

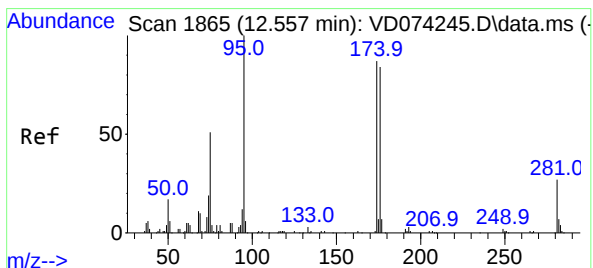
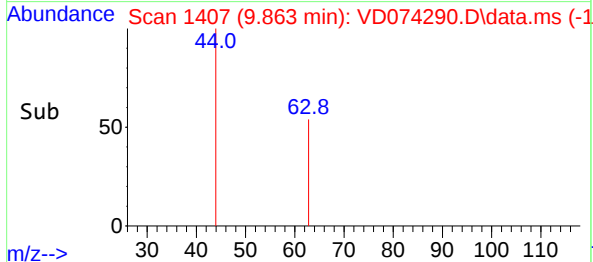
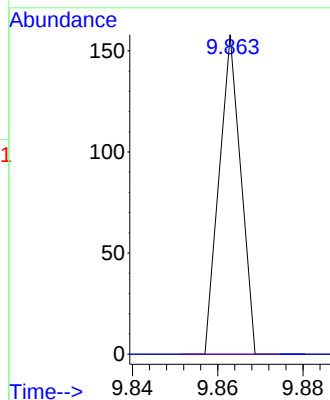
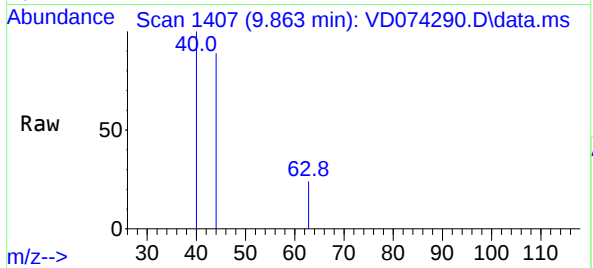




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.863 min Scan# 1407
Delta R.T. -0.000 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

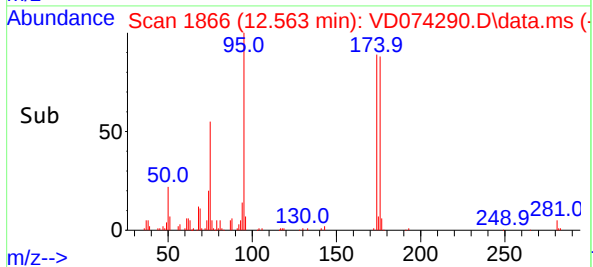
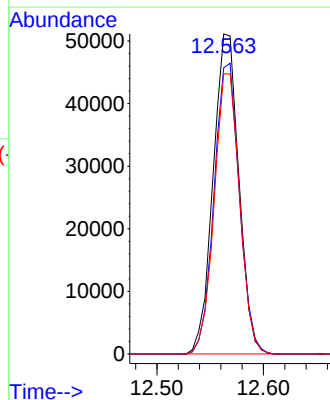
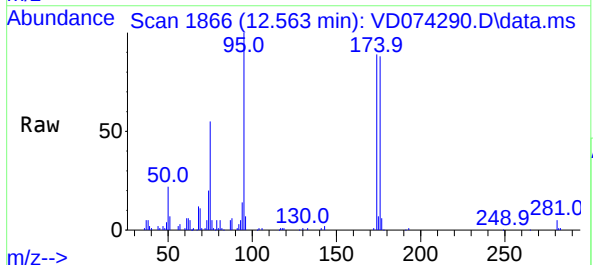
Instrument :
MSVOA_D
ClientSampleId :

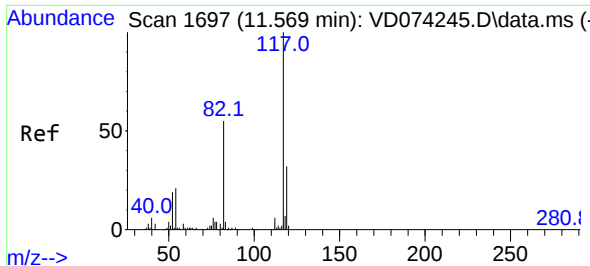
Tgt Ion: 63 Resp: 56
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#62
4-Bromofluorobenzene
Concen: 61.091 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Tgt Ion: 95 Resp: 85546
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.2
176 86.7 0.0 171.4

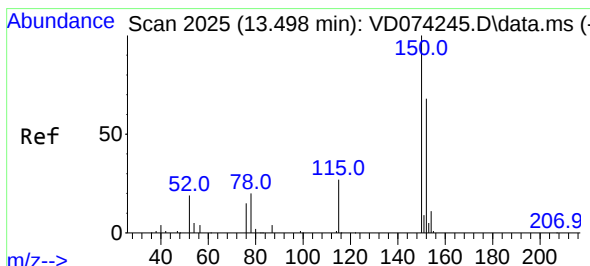
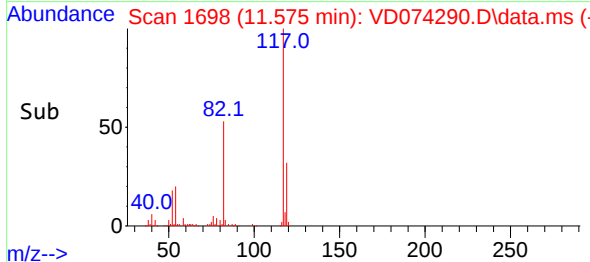
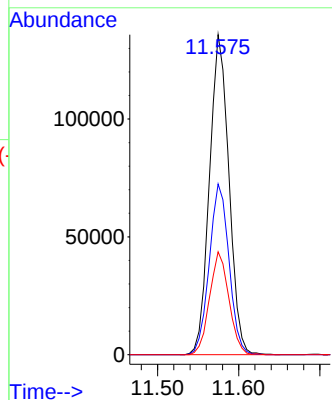
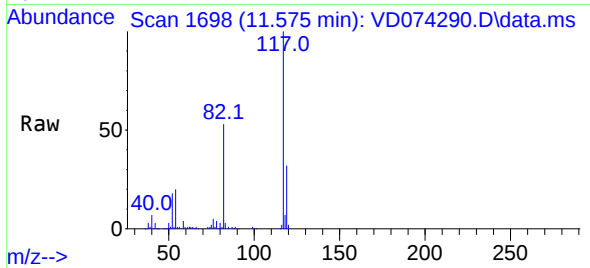




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

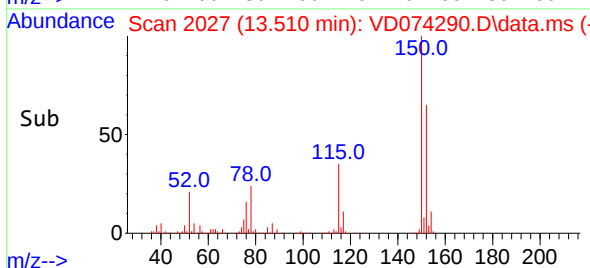
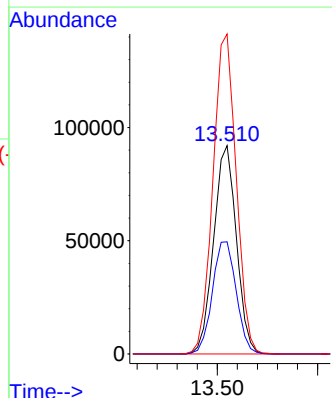
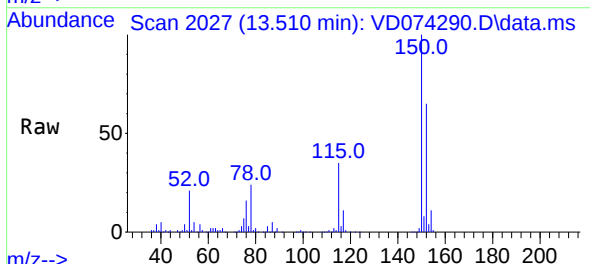
Instrument :
MSVOA_D
ClientSampleId :

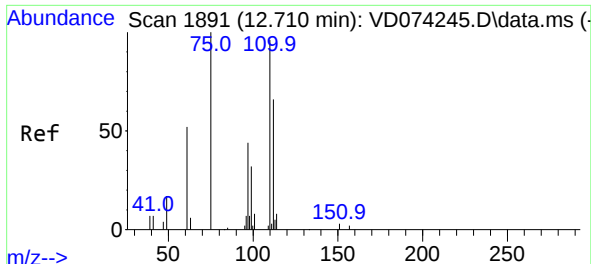
Tgt Ion:117 Resp: 225861
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.011 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Tgt Ion:152 Resp: 145311
Ion Ratio Lower Upper
152 100
115 56.3 28.4 85.2
150 156.4 0.0 351.0

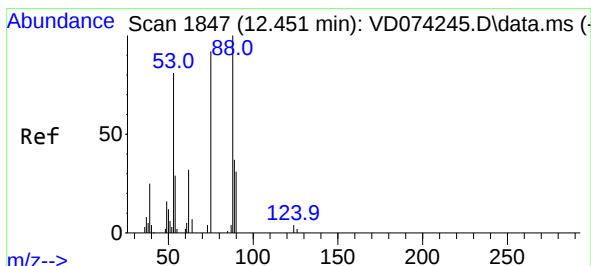
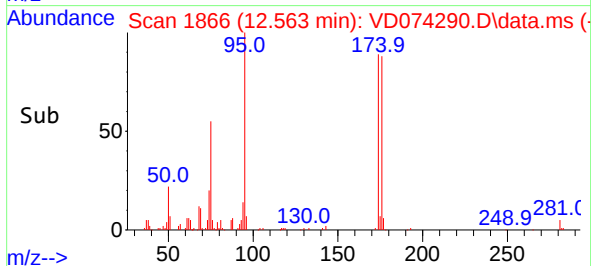
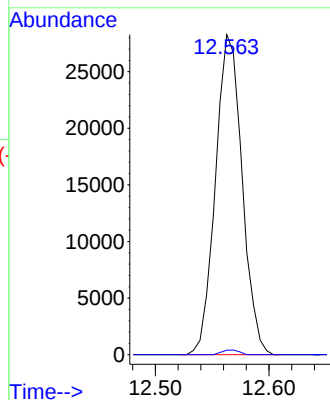
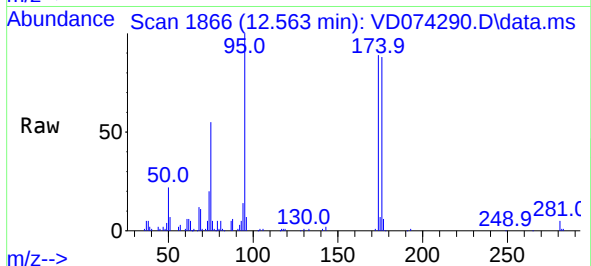




#76
1,2,3-Trichloropropane
Concen: 30.927 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 46070
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.251 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.111 min
Lab File: VD074290.D
Acq: 14 Sep 2022 17:45

Tgt Ion: 75 Resp: 46070
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

