

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074285.D
 Acq On : 14 Sep 2022 15:22
 Operator : VA/SY
 Sample : N4579-07
 Misc : 2.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:14:26 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	56155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	96145	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	132496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	95648	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	19141	33.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.860%
35) Dibromofluoromethane	7.804	113	32423	50.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.840%
50) Toluene-d8	10.263	98	64590	27.406	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	54.820%
62) 4-Bromofluorobenzene	12.563	95	52985	66.681	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.360%

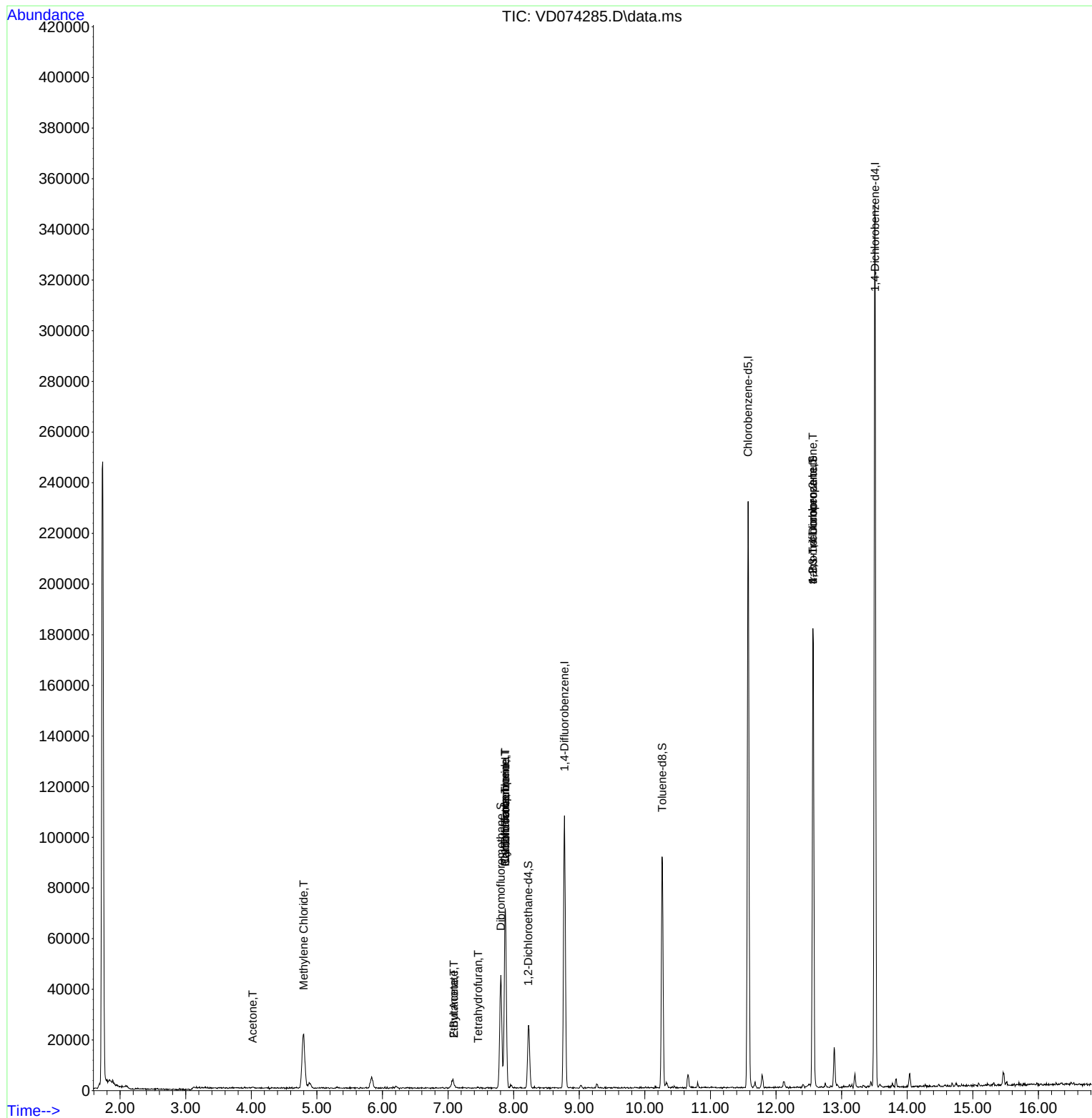
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.922	85	57	Below Cal	#	39
16) Acetone	4.022	43	439	3.715	ug/l #	42
20) Methylene Chloride	4.799	84	16511	19.202	ug/l	87
25) 2-Butanone	7.087	43	695	3.526	ug/l #	48
29) Tetrahydrofuran	7.457	42	437	3.597	ug/l #	46
31) Cyclohexane	7.869	56	1759	1.487	ug/l #	69
36) 1,1-Dichloropropene	7.869	75	4530	4.353	ug/l #	48
37) Ethyl Acetate	7.087	43	695	1.540	ug/l #	66
38) Carbon Tetrachloride	7.875	117	5342	5.674	ug/l #	17
76) 1,2,3-Trichloropropane	12.563	75	28685	29.254	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	28685	72.129	ug/l #	100

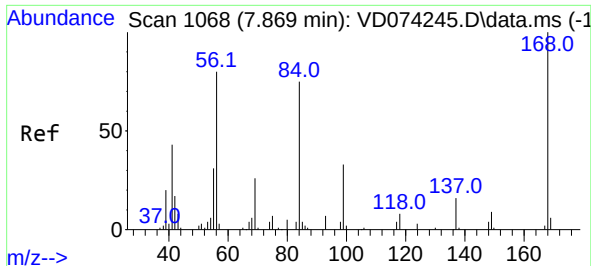
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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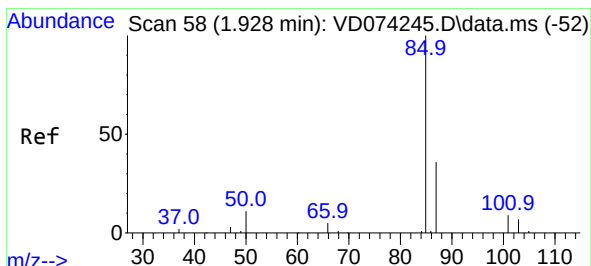
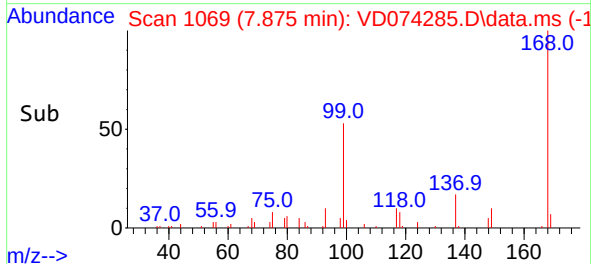
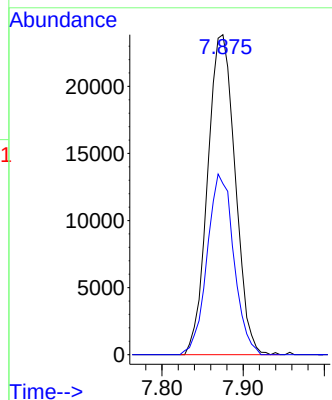
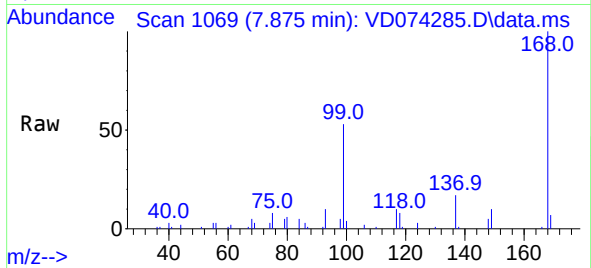




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

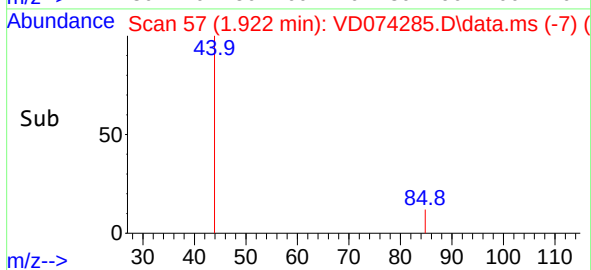
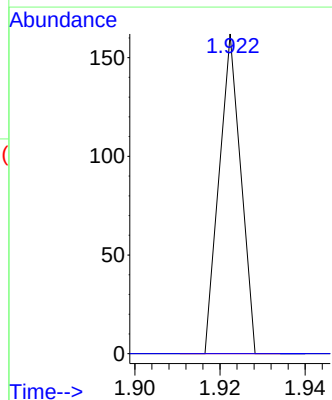
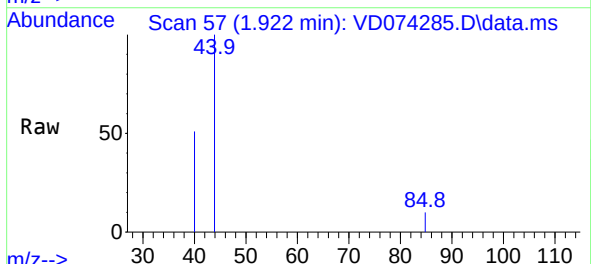
Instrument :
MSVOA_D
ClientSampleId :

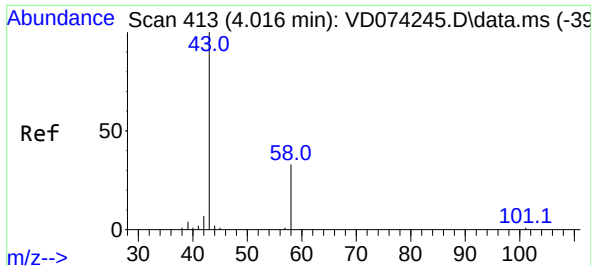
Tgt Ion:168 Resp: 56155
Ion Ratio Lower Upper
168 100
99 53.4 43.0 64.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.922 min Scan# 57
Delta R.T. -0.006 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

Tgt Ion: 85 Resp: 57
Ion Ratio Lower Upper
85 100
87 0.0 17.9 53.7#

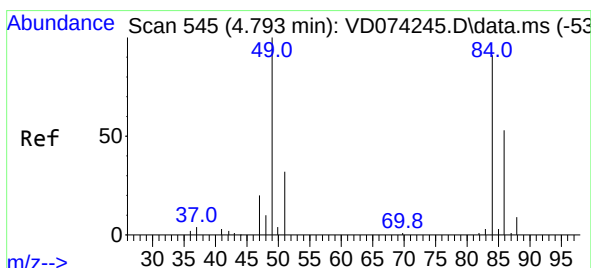
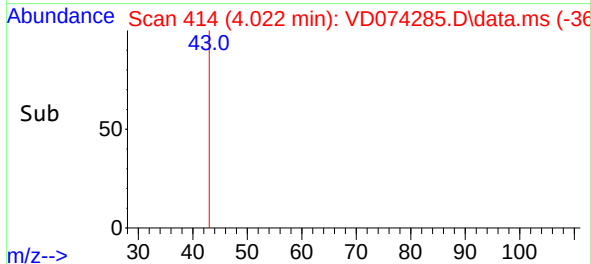
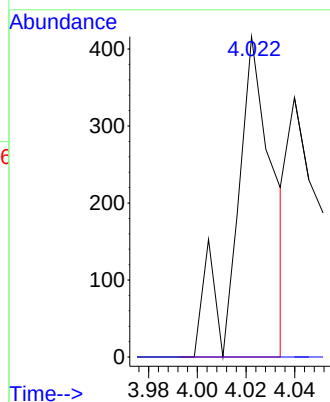
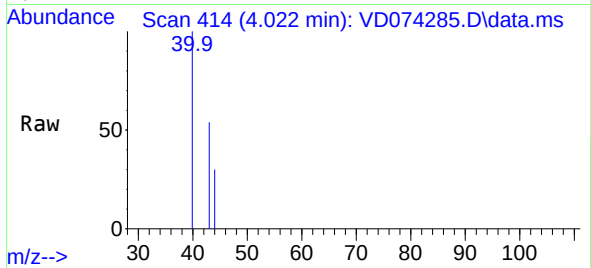




#16
Acetone
Concen: 3.715 ug/l
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

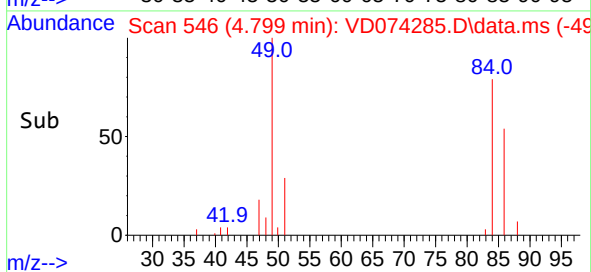
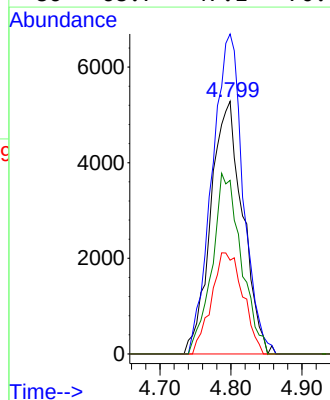
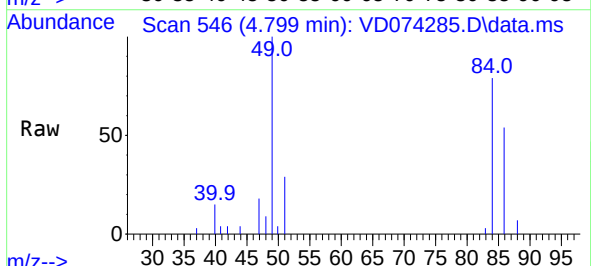
Instrument :
MSVOA_D
ClientSampleId :

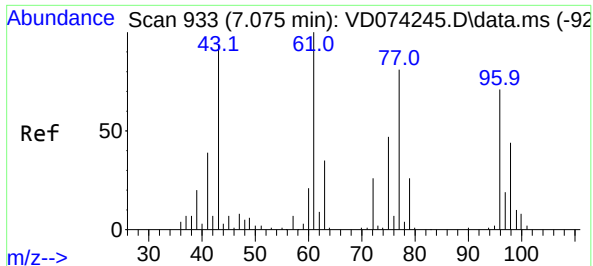
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 19.202 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

Tgt Ion: 84 Resp: 16511
Ion Ratio Lower Upper
84 100
49 126.7 88.4 132.6
51 37.1 28.0 42.0
86 68.7 47.1 70.7

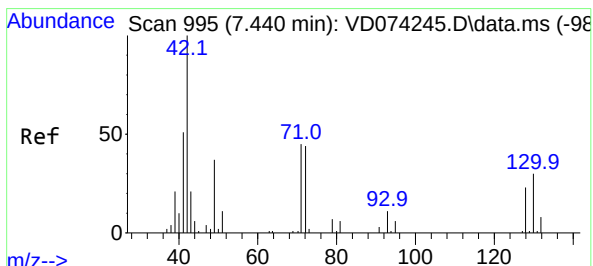
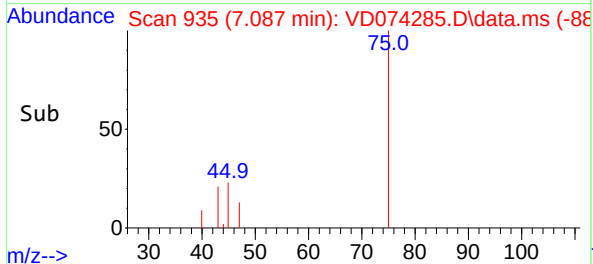
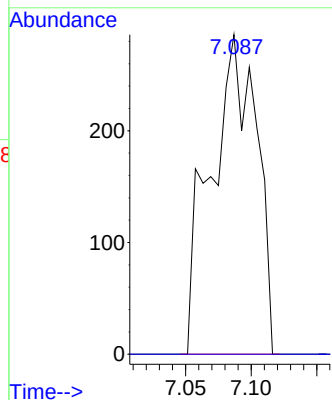
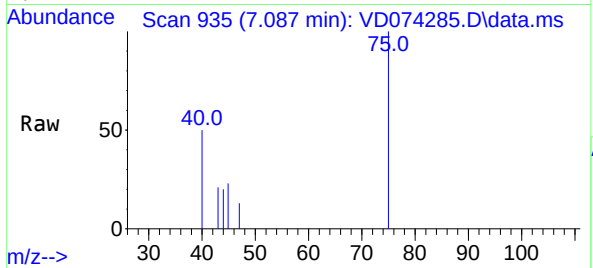




#25
2-Butanone
Concen: 3.526 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

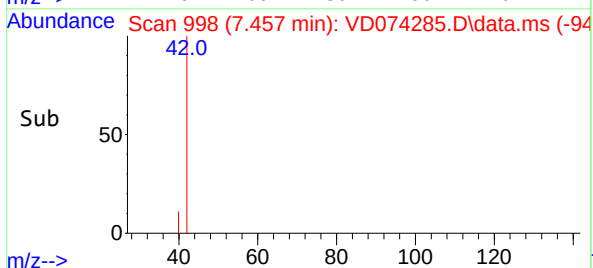
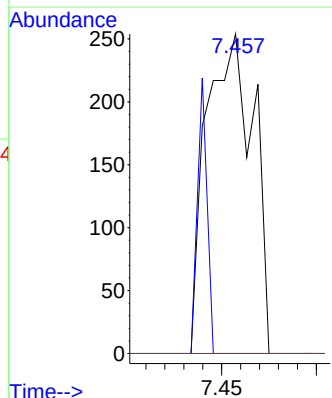
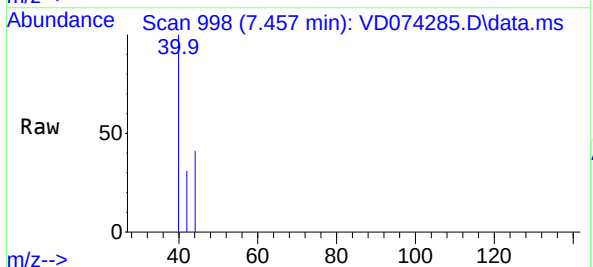
Instrument :
MSVOA_D
ClientSampleId :

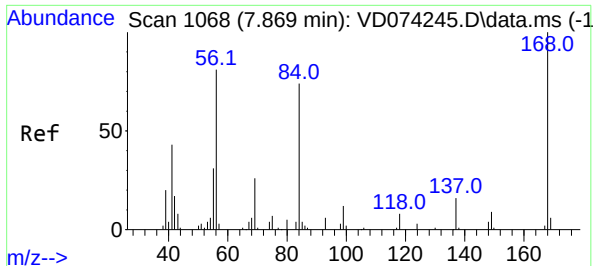
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#29
Tetrahydrofuran
Concen: 3.597 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.018 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

Tgt Ion: 42 Resp: 437
Ion Ratio Lower Upper
42 100
72 17.6 36.1 54.1#
71 0.0 34.1 51.1#





#31

Cyclohexane

Concen: 1.487 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.000 min

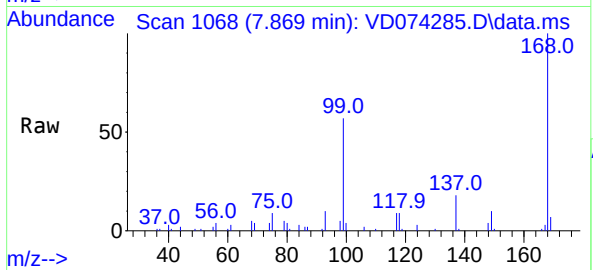
Lab File: VD074285.D

Acq: 14 Sep 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :



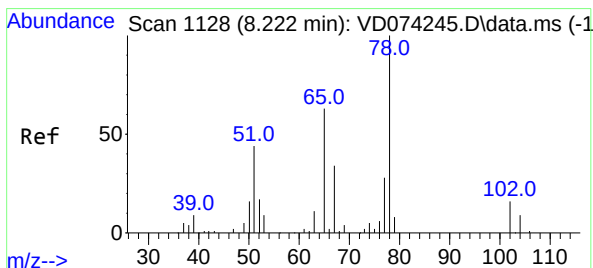
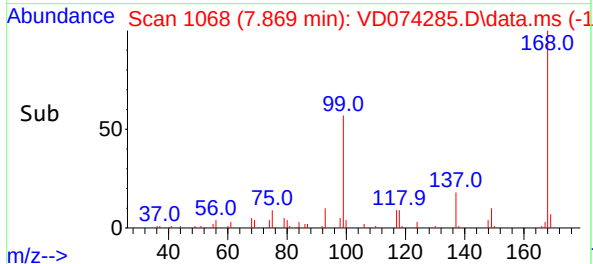
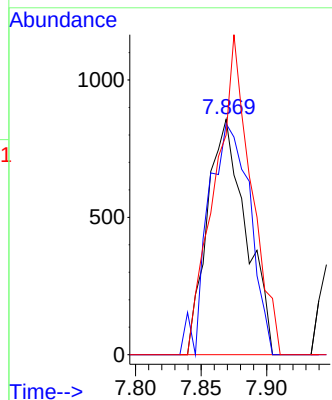
Tgt Ion: 56 Resp: 1759

Ion Ratio Lower Upper

56 100

69 98.1 25.7 38.5#

84 93.3 73.9 110.9



#33

1,2-Dichloroethane-d4

Concen: 33.434 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VD074285.D

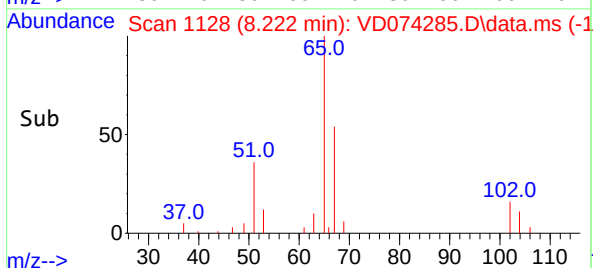
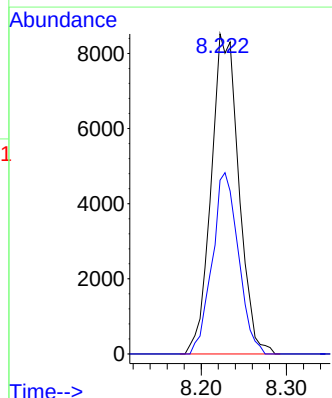
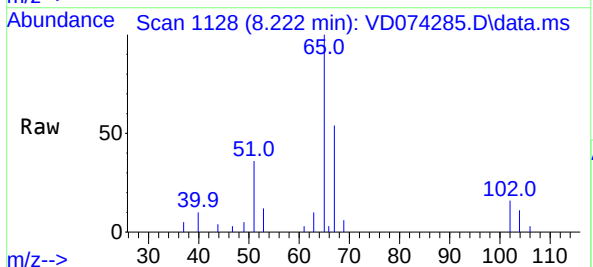
Acq: 14 Sep 2022 15:22

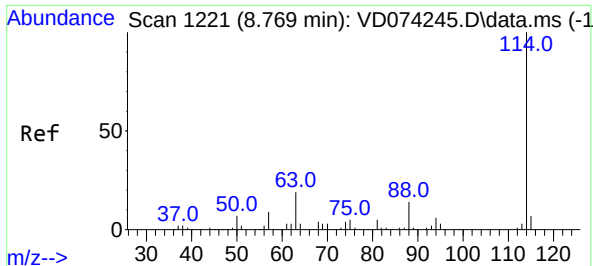
Tgt Ion: 65 Resp: 19141

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074285.D

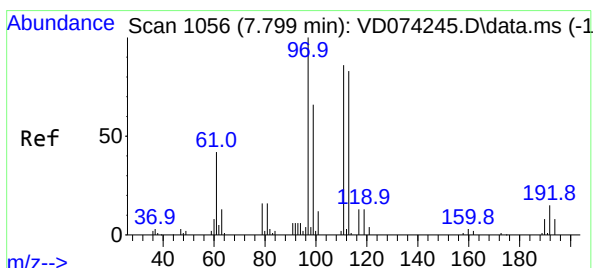
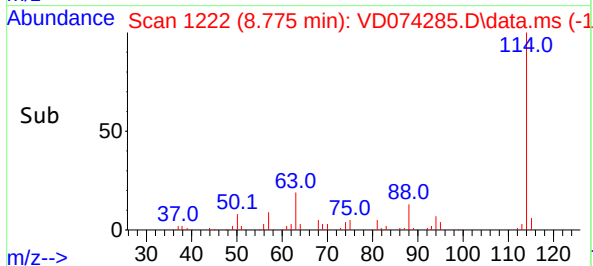
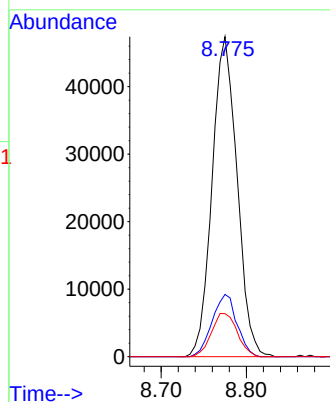
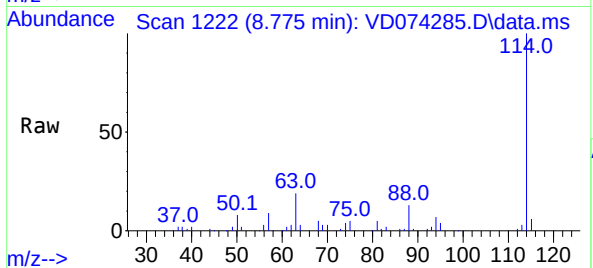
Acq: 14 Sep 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	96145
Ion Ratio	Lower	Upper
114	100	
63	19.5	0.0 37.6
88	13.5	0.0 28.4



#35

Dibromofluoromethane

Concen: 50.420 ug/l

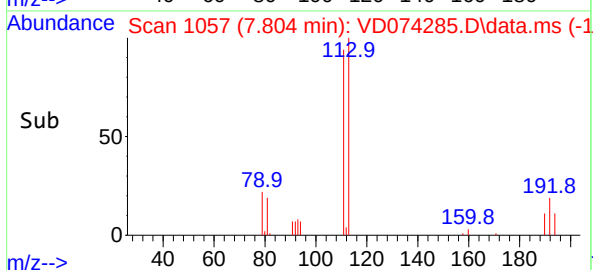
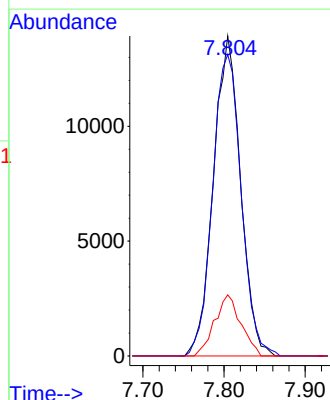
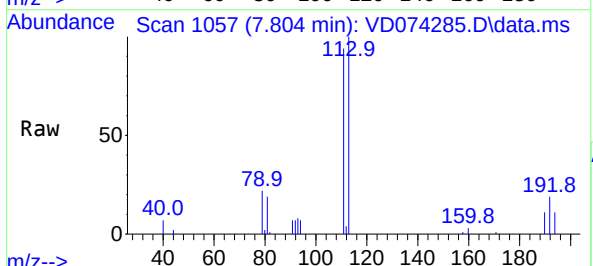
RT: 7.804 min Scan# 1057

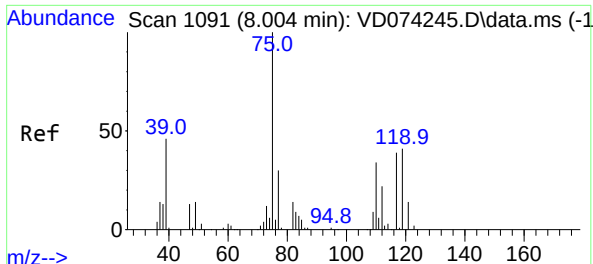
Delta R.T. 0.005 min

Lab File: VD074285.D

Acq: 14 Sep 2022 15:22

Tgt Ion:113	Resp:	32423
Ion Ratio	Lower	Upper
113	100	
111	98.9	83.0 124.6
192	18.4	16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.353 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

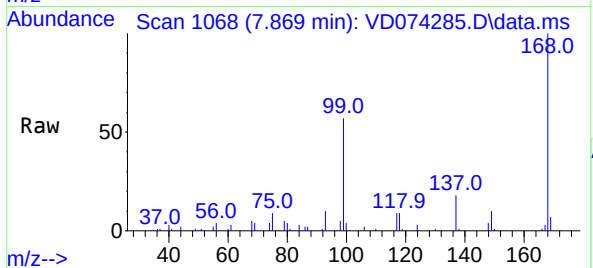
Lab File: VD074285.D

Acq: 14 Sep 2022 15:22

Instrument :

MSVOA_D

ClientSampleId :



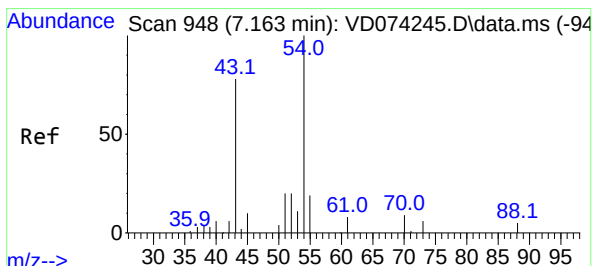
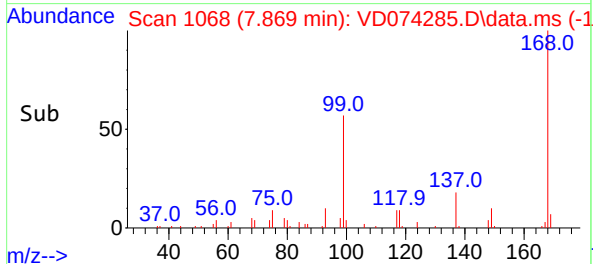
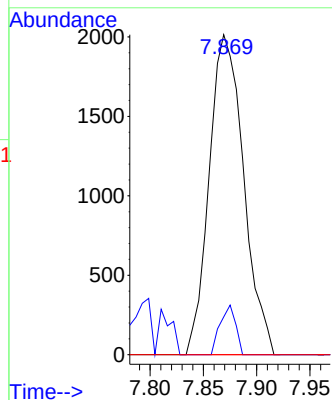
Tgt Ion: 75 Resp: 4530

Ion Ratio Lower Upper

75 100

110 7.0 17.5 52.5#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 1.540 ug/l

RT: 7.087 min Scan# 935

Delta R.T. -0.077 min

Lab File: VD074285.D

Acq: 14 Sep 2022 15:22

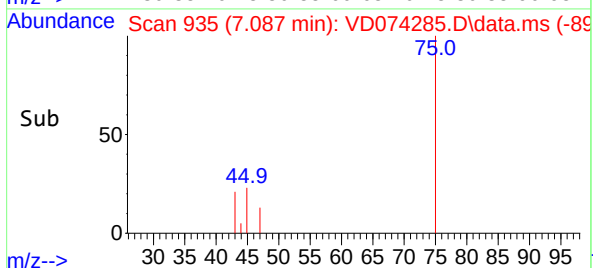
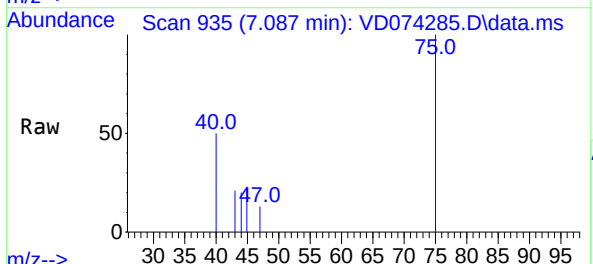
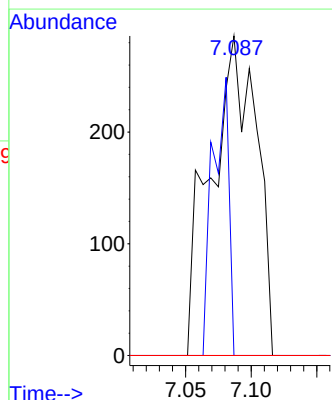
Tgt Ion: 43 Resp: 695

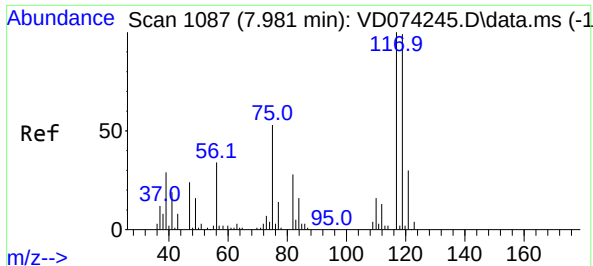
Ion Ratio Lower Upper

43 100

61 30.6 12.1 18.1#

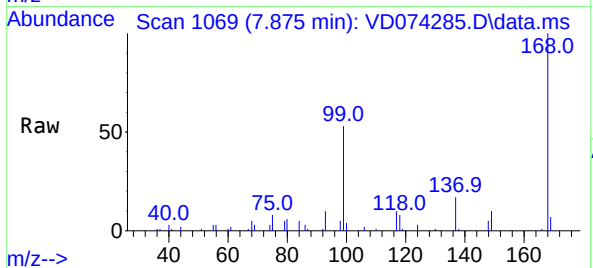
70 0.0 8.5 12.7#



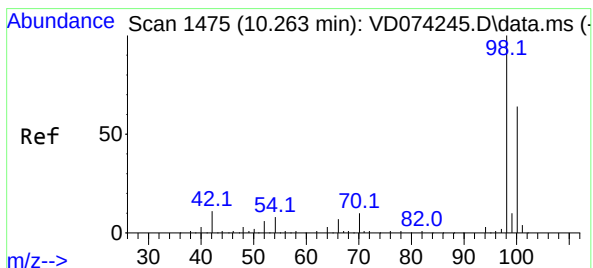
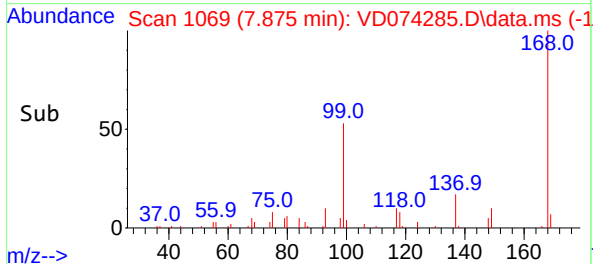
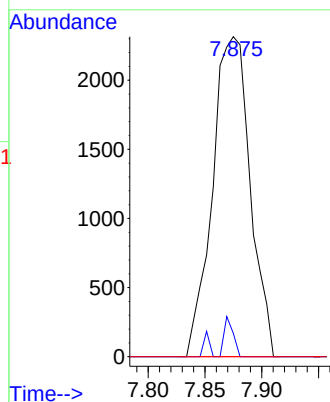


#38
Carbon Tetrachloride
Concen: 5.674 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

Instrument :
MSVOA_D
ClientSampleId :

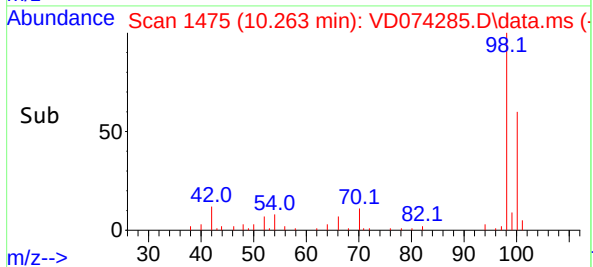
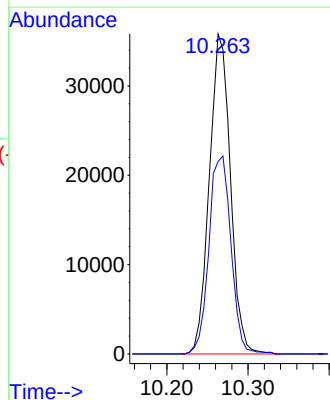
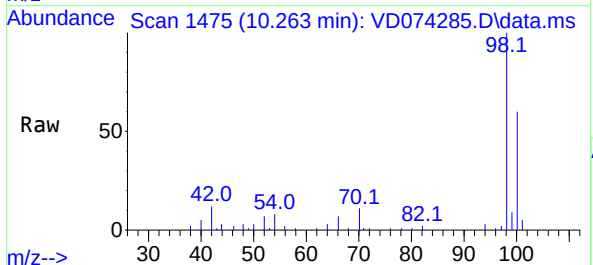


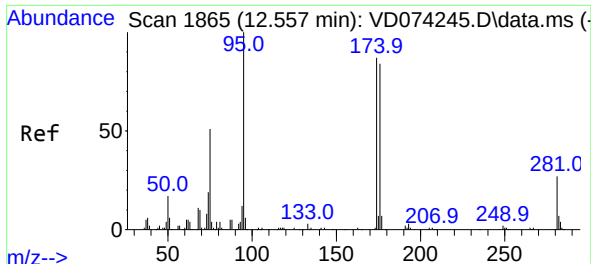
Tgt Ion:117 Resp: 5342
Ion Ratio Lower Upper
117 100
119 7.3 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 27.406 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

Tgt Ion: 98 Resp: 64590
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8

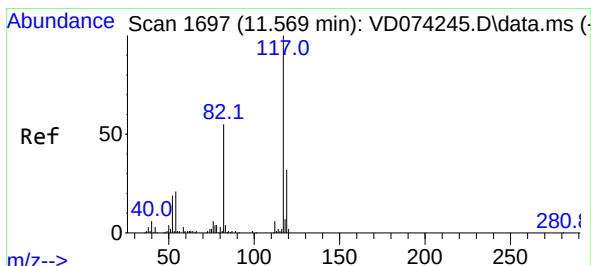
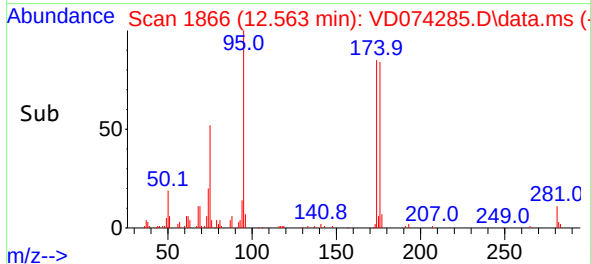
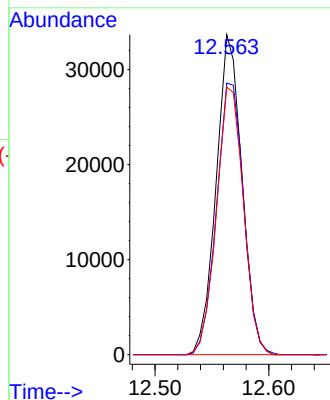
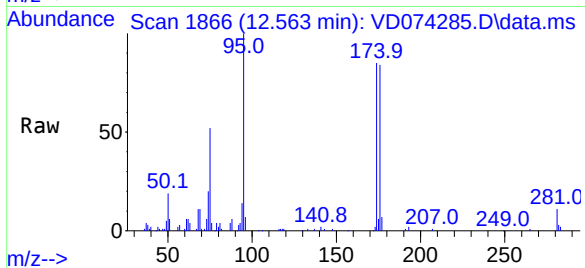




#62
4-Bromofluorobenzene
Concen: 66.681 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

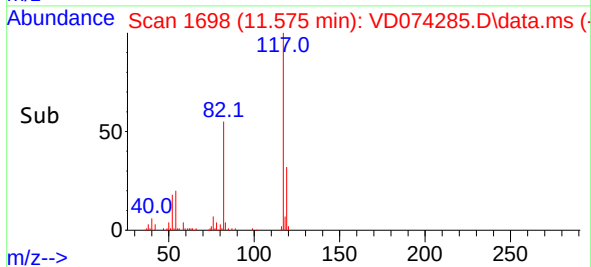
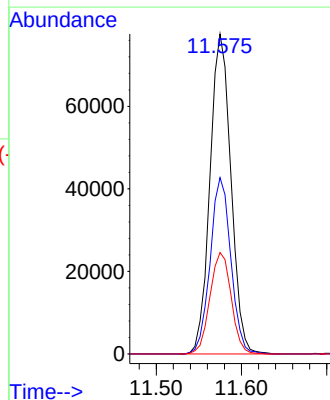
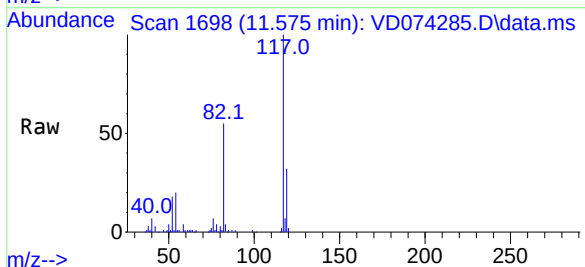
Instrument :
MSVOA_D
ClientSampleId :

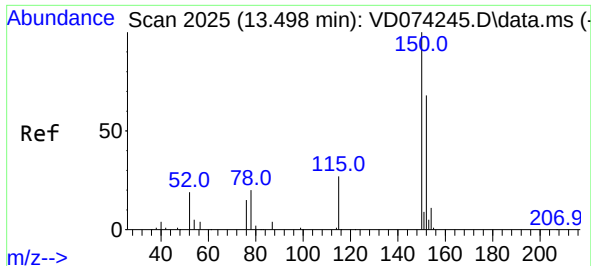
Tgt Ion: 95 Resp: 52985
Ion Ratio Lower Upper
95 100
174 89.8 0.0 179.2
176 87.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

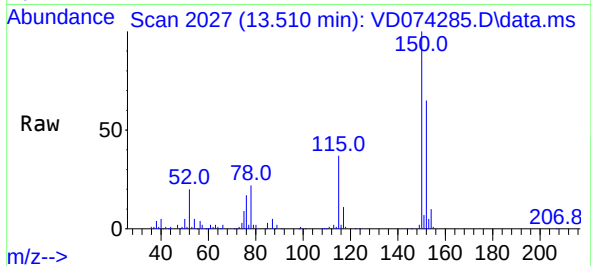
Tgt Ion: 117 Resp: 132496
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 31.7 25.4 38.0



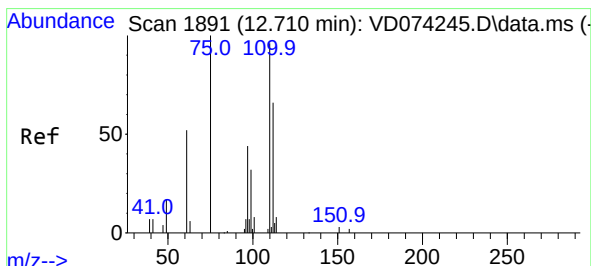
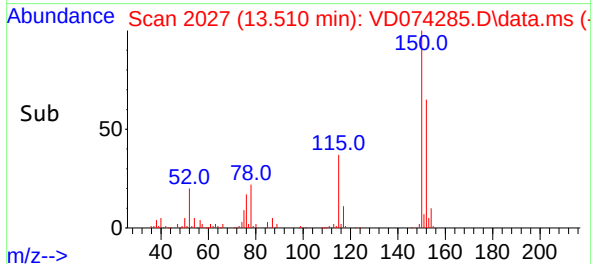
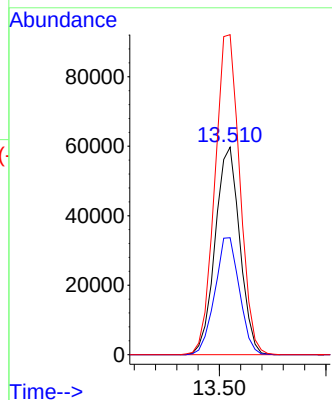


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.012 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

Instrument :
MSVOA_D
ClientSampleId :

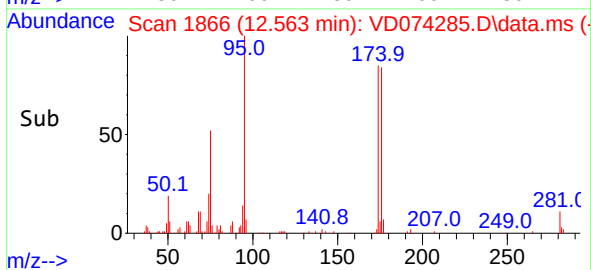
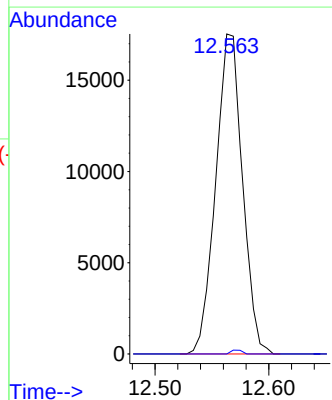
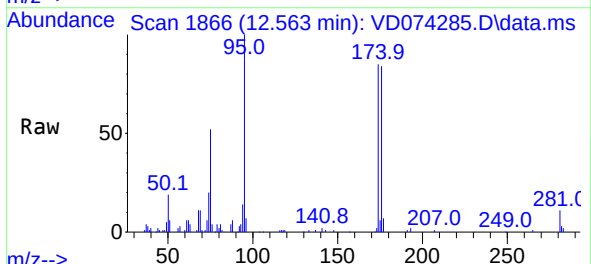


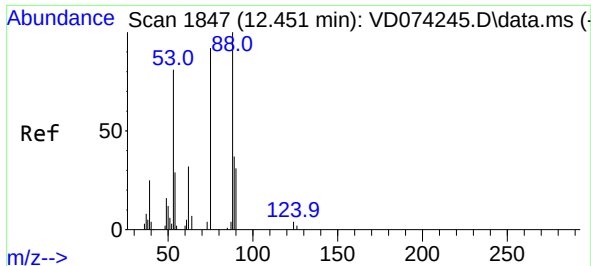
Tgt Ion:152 Resp: 95648
Ion Ratio Lower Upper
152 100
115 56.4 28.4 85.2
150 156.3 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 29.254 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

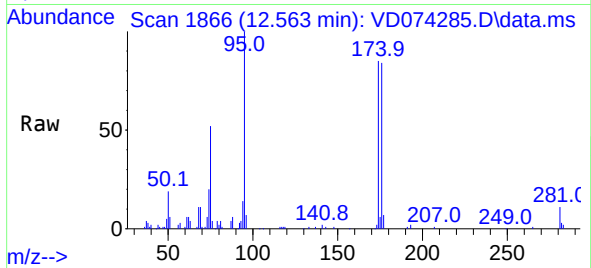
Tgt Ion: 75 Resp: 28685
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.129 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074285.D
Acq: 14 Sep 2022 15:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	28685
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

