

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074286.D
 Acq On : 14 Sep 2022 15:51
 Operator : VA/SY
 Sample : N4579-11
 Misc : 3.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:14:37 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)

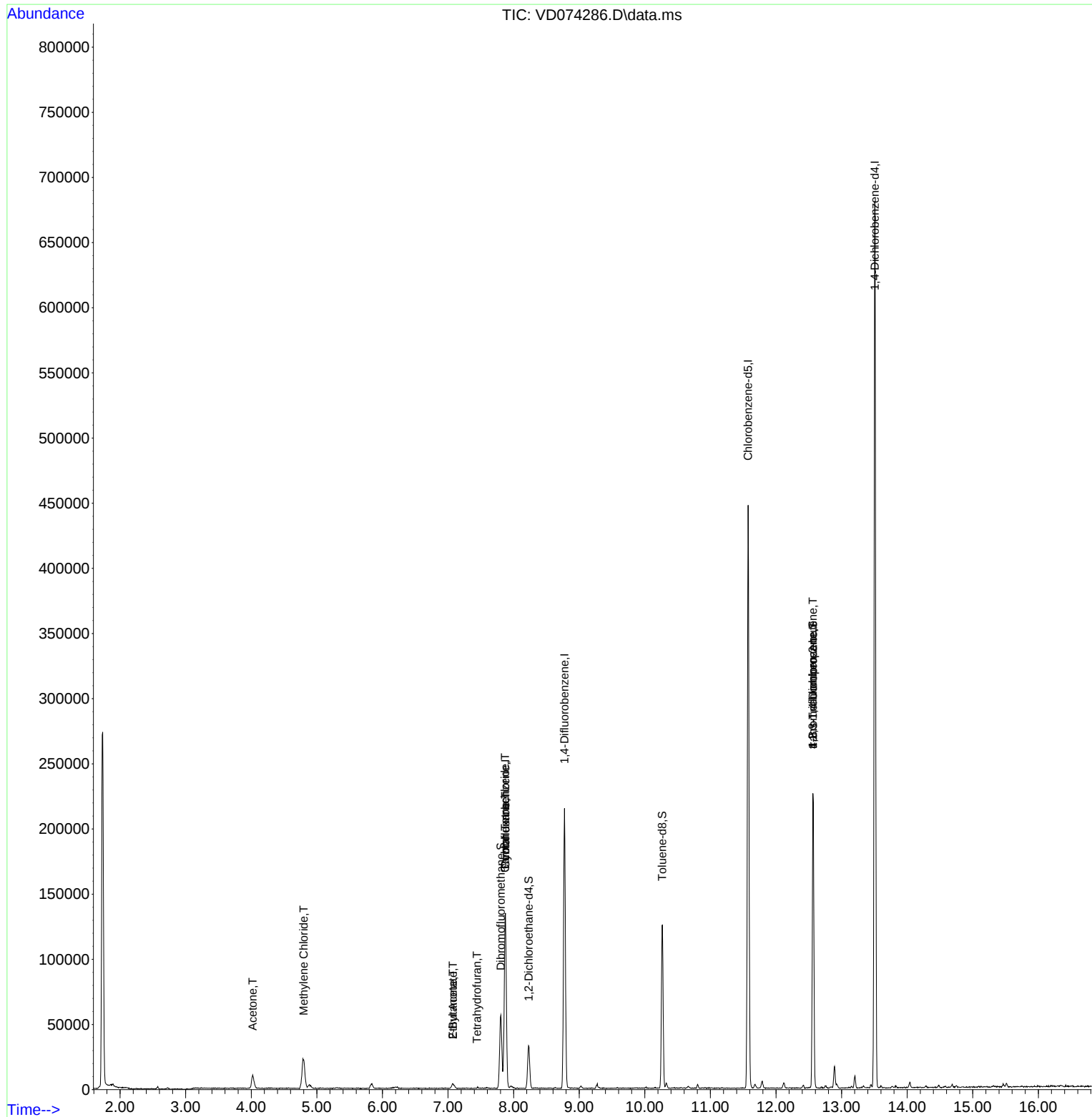
Internal Standards						
1) Pentafluorobenzene	7.875	168	104356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	255446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	185472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25147	23.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.280%#
35) Dibromofluoromethane	7.805	113	40651	31.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	63.300%
50) Toluene-d8	10.263	98	90989	20.079	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	40.160%#
62) 4-Bromofluorobenzene	12.563	95	68257	42.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.040%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	17985	81.897	ug/l	99
20) Methylene Chloride	4.799	84	17901	8.323	ug/l	95
25) 2-Butanone	7.075	43	2714	7.410	ug/l #	83
29) Tetrahydrofuran	7.440	42	414	1.833	ug/l #	66
31) Cyclohexane	7.875	56	3031	1.379	ug/l #	53
37) Ethyl Acetate	7.075	43	2714	3.128	ug/l #	75
38) Carbon Tetrachloride	7.869	117	9955	5.499	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.863	63	203	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.563	75	35605	18.726	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	35605	46.170	ug/l #	100

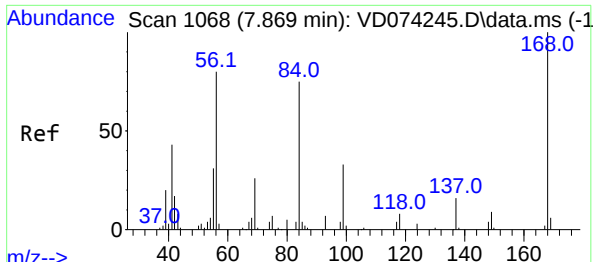
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

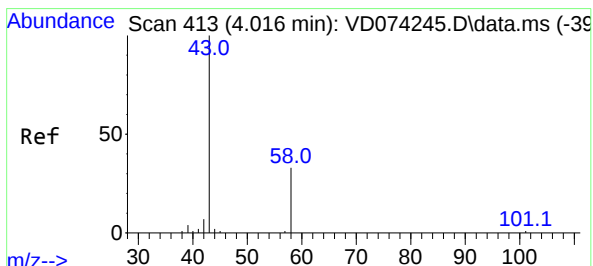
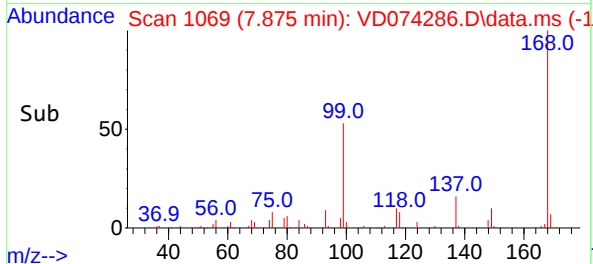
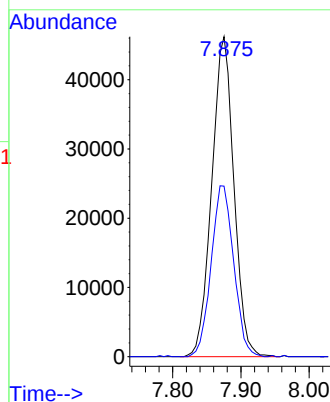
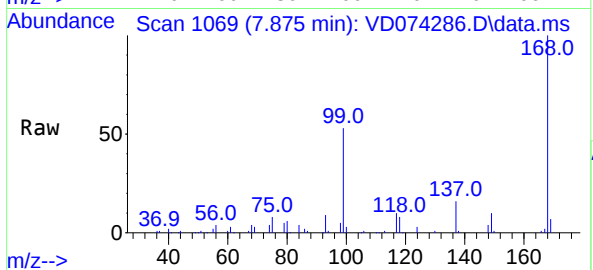




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

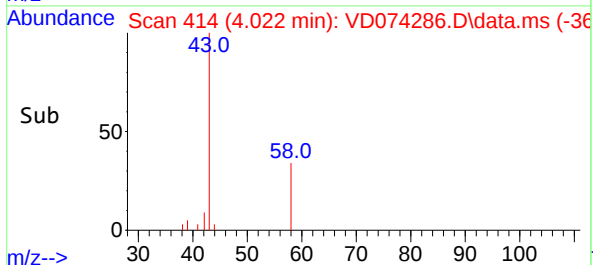
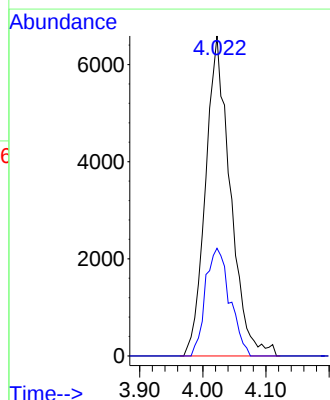
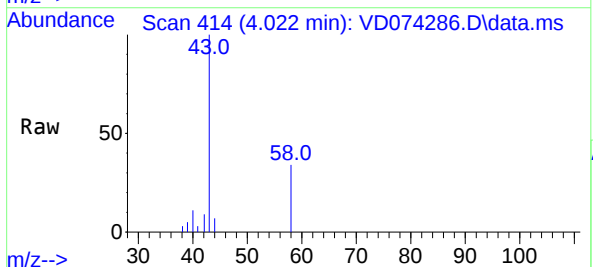
Instrument :
MSVOA_D
ClientSampleId :

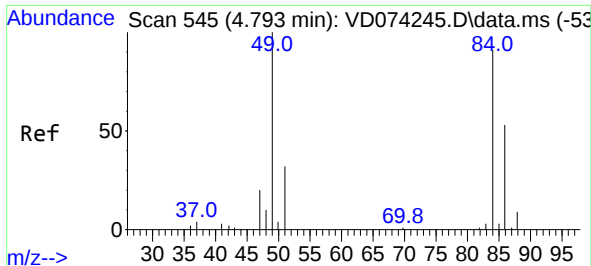
Tgt Ion:168 Resp: 104356
Ion Ratio Lower Upper
168 100
99 53.3 43.0 64.6



#16
Acetone
Concen: 81.897 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

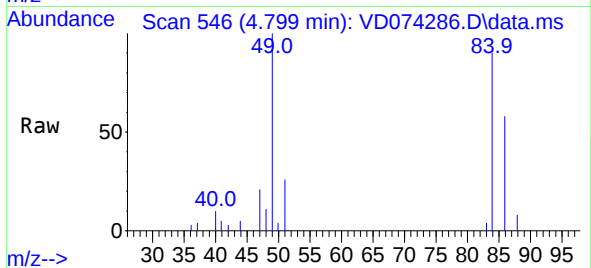
Tgt Ion: 43 Resp: 17985
Ion Ratio Lower Upper
43 100
58 33.6 26.4 39.6





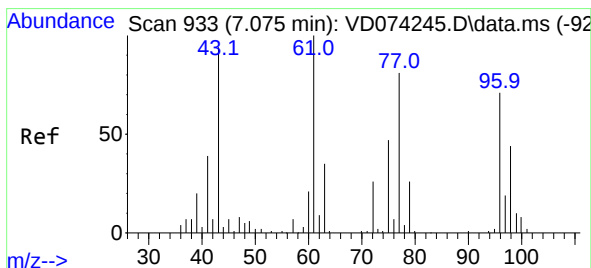
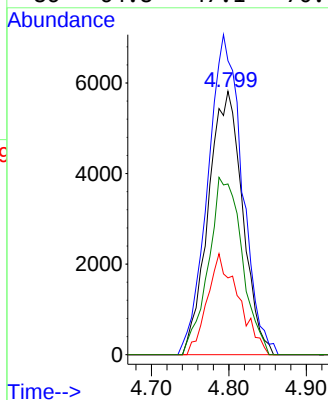
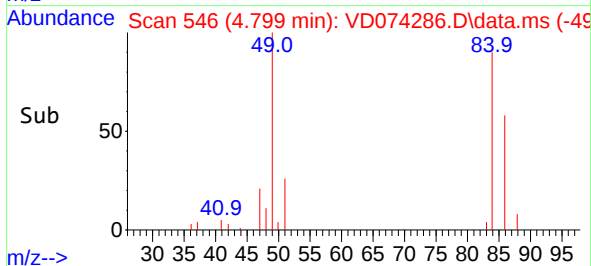
#20
Methylene Chloride
Concen: 8.323 ug/l
RT: 4.799 min Scan# 545
Delta R.T. 0.006 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 17901

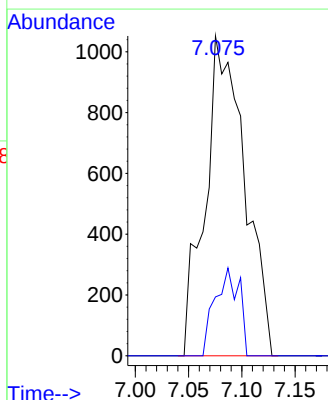
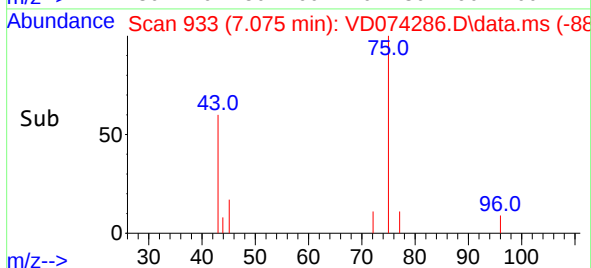
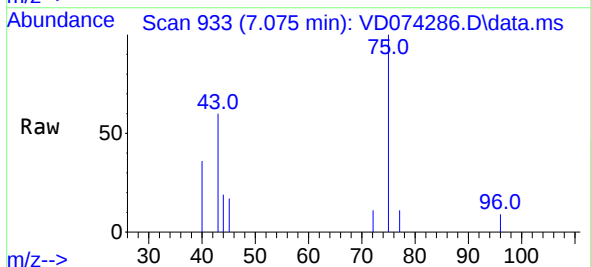
Ion	Ratio	Lower	Upper
84	100		
49	111.6	88.4	132.6
51	29.1	28.0	42.0
86	64.8	47.1	70.7

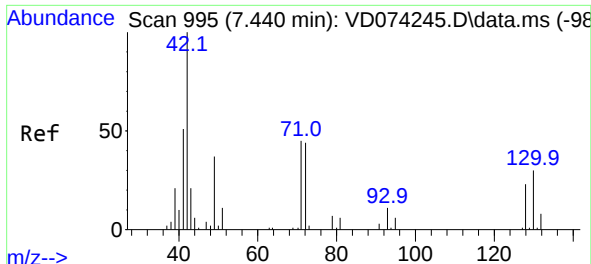


#25
2-Butanone
Concen: 7.410 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

Tgt Ion: 43 Resp: 2714

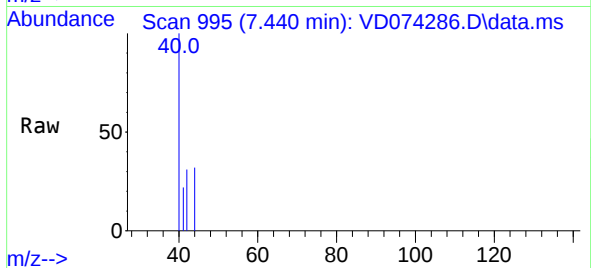
Ion	Ratio	Lower	Upper
43	100		
72	18.4	21.8	32.6



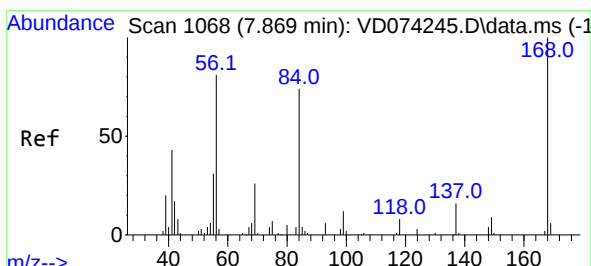
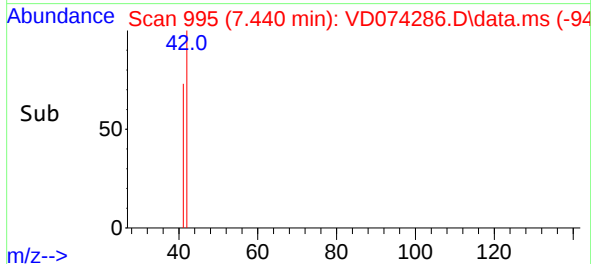
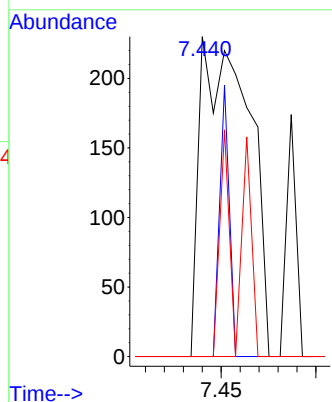


#29
Tetrahydrofuran
Concen: 1.833 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.000 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

Instrument :
MSVOA_D
ClientSampleId :

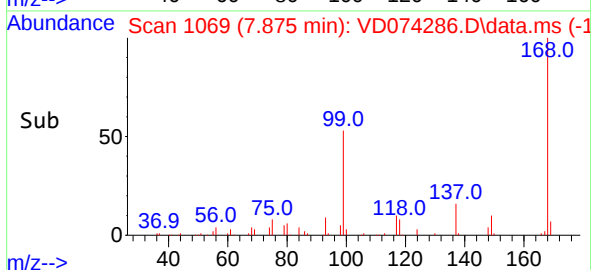
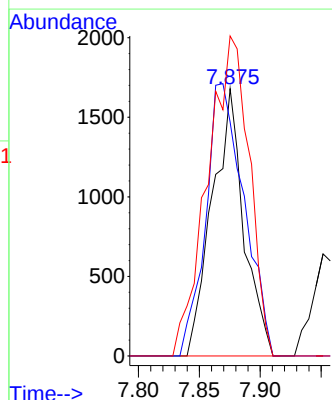
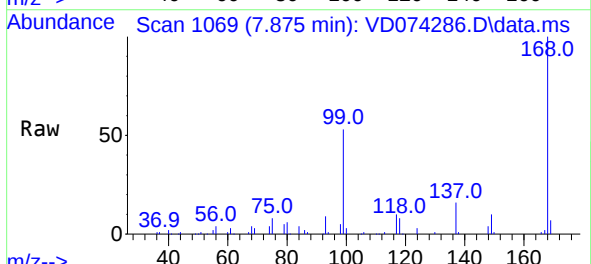


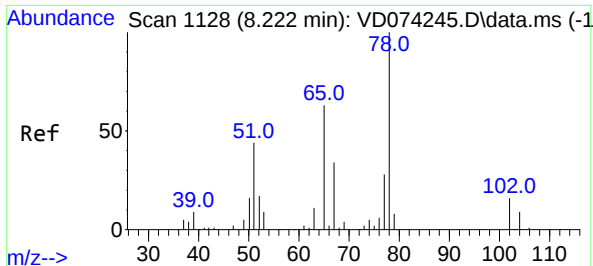
Tgt Ion: 42 Resp: 414
Ion Ratio Lower Upper
42 100
72 16.7 36.1 54.1#
71 27.3 34.1 51.1#



#31
Cyclohexane
Concen: 1.379 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

Tgt Ion: 56 Resp: 3031
Ion Ratio Lower Upper
56 100
69 87.5 25.7 38.5#
84 119.7 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 23.636 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074286.D

Acq: 14 Sep 2022 15:51

Instrument :

MSVOA_D

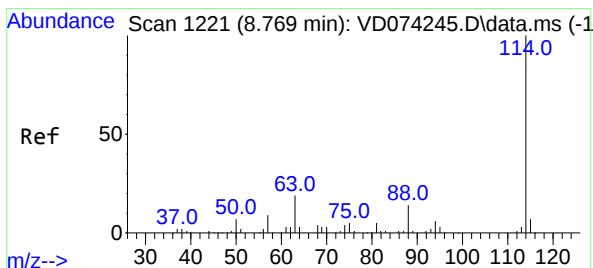
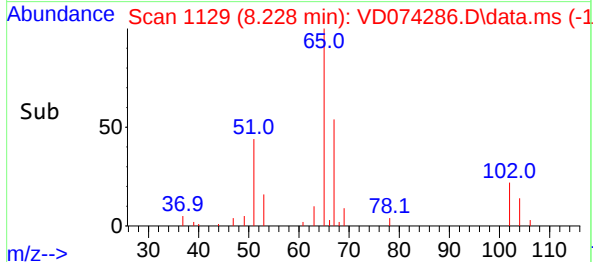
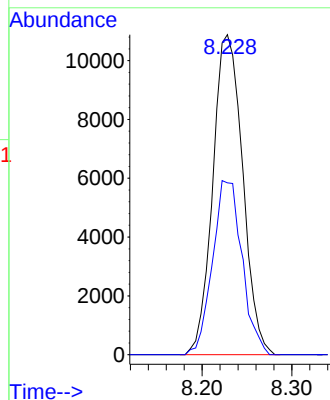
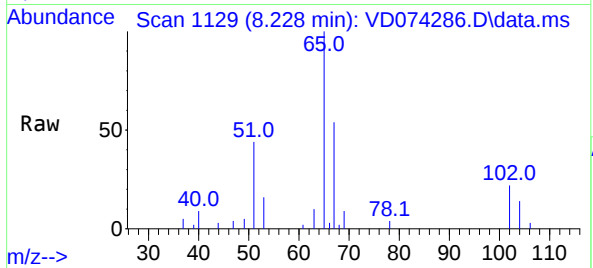
ClientSampleId :

Tgt Ion: 65 Resp: 25147

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# 1222

Delta R.T. 0.006 min

Lab File: VD074286.D

Acq: 14 Sep 2022 15:51

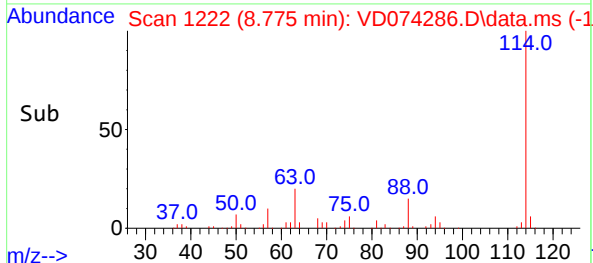
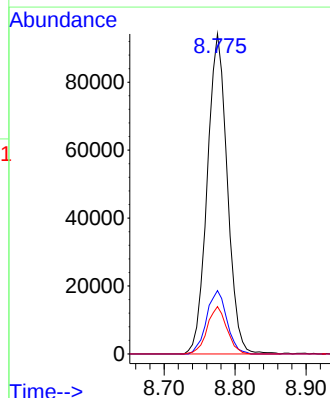
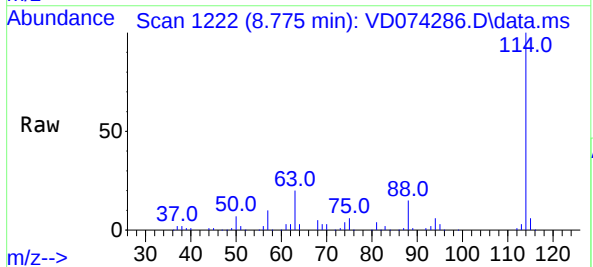
Tgt Ion: 114 Resp: 184867

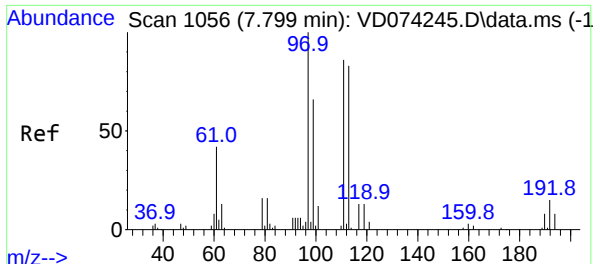
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 14.8 0.0 28.4





#35

Dibromofluoromethane

Concen: 31.648 ug/l

RT: 7.805 min Scan# 1056

Delta R.T. 0.006 min

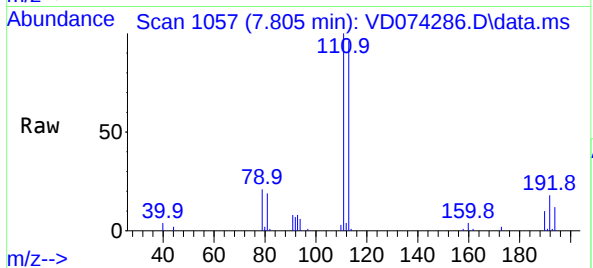
Lab File: VD074286.D

Acq: 14 Sep 2022 15:51

Instrument :

MSVOA_D

ClientSampleId :



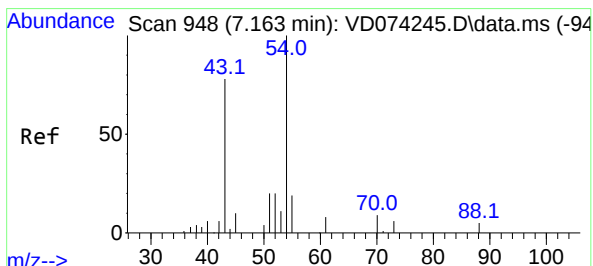
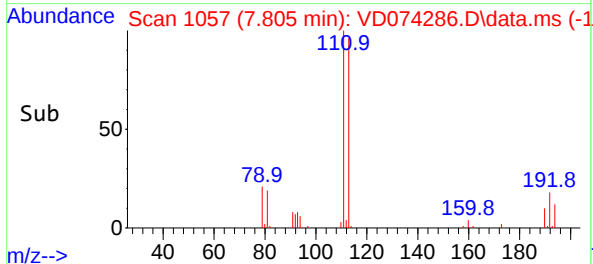
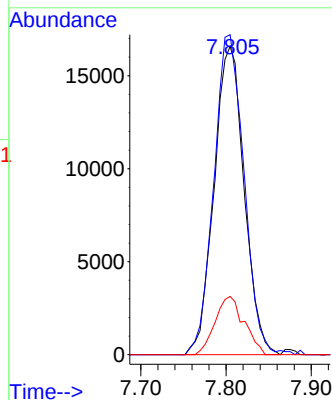
Tgt Ion:113 Resp: 40651

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.6

192 18.2 16.2 24.2



#37

Ethyl Acetate

Concen: 3.128 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.088 min

Lab File: VD074286.D

Acq: 14 Sep 2022 15:51

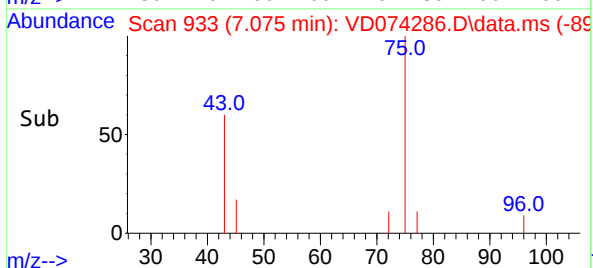
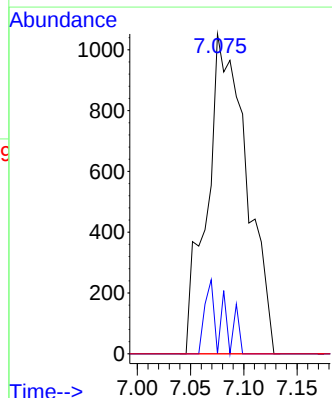
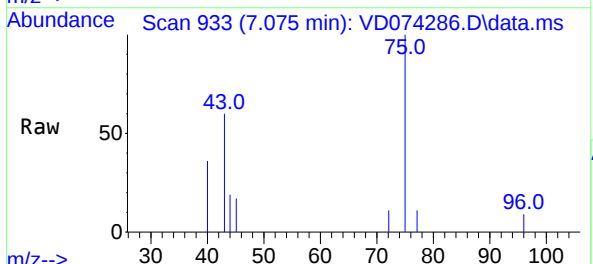
Tgt Ion: 43 Resp: 2714

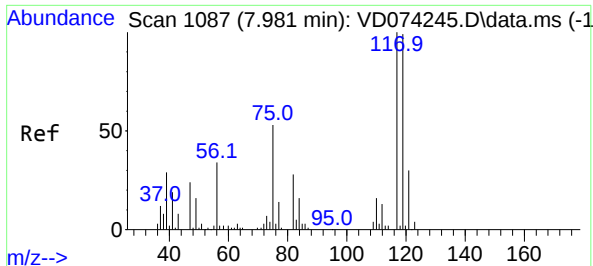
Ion Ratio Lower Upper

43 100

61 5.3 12.1 18.1#

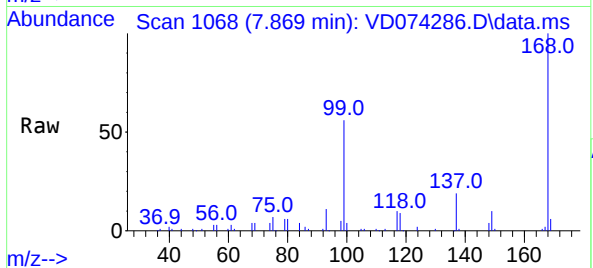
70 0.0 8.5 12.7#



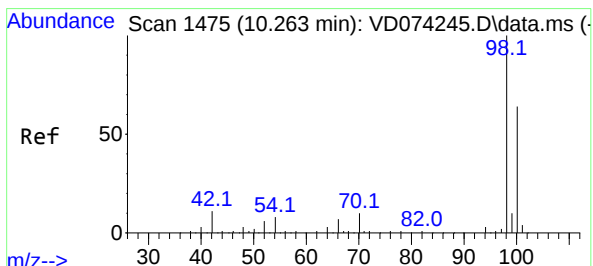
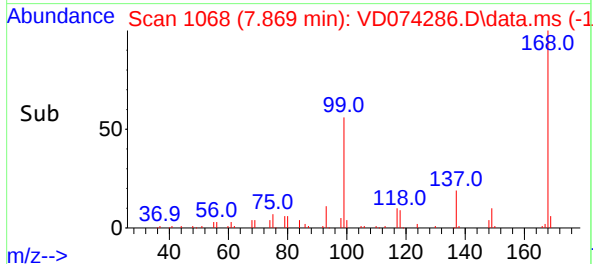
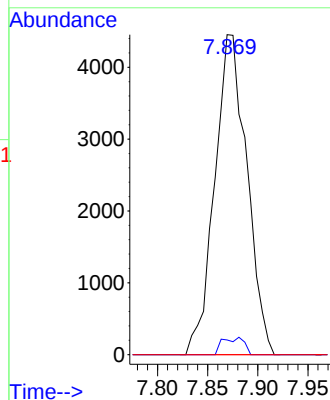


#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 7.869 min Scan# 1087
Delta R.T. -0.112 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

Instrument :
MSVOA_D
ClientSampleId :

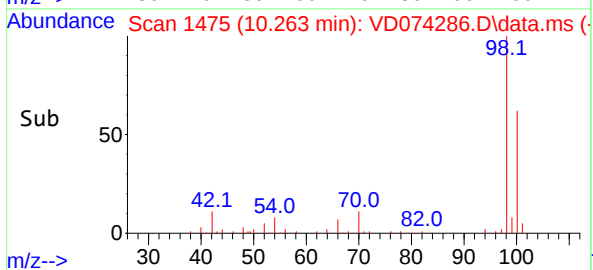
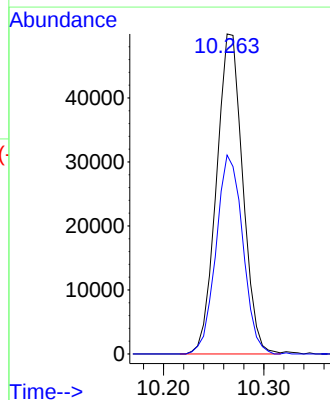
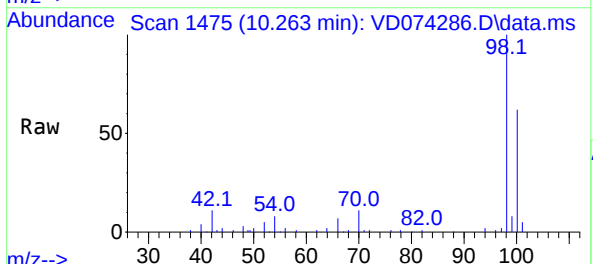


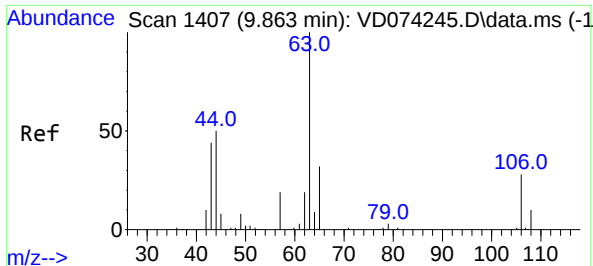
Tgt Ion:117 Resp: 9955
Ion Ratio Lower Upper
117 100
119 4.6 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 20.079 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

Tgt Ion: 98 Resp: 90989
Ion Ratio Lower Upper
98 100
100 63.2 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: VD074286.D

Acq: 14 Sep 2022 15:51

Instrument :

MSVOA_D

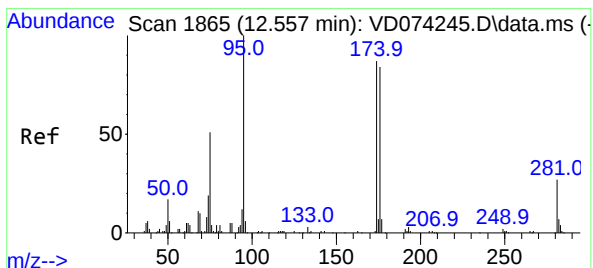
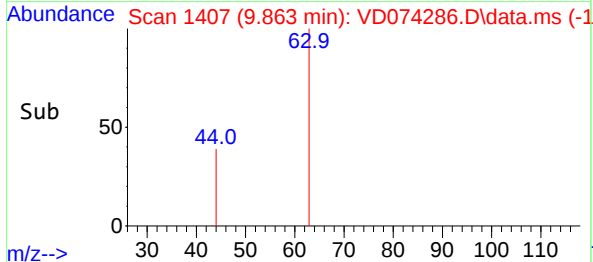
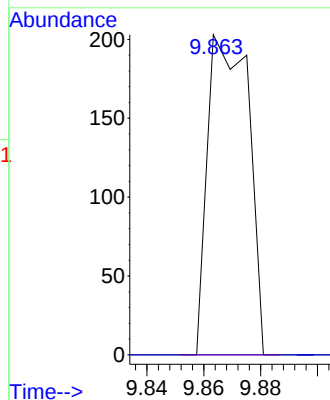
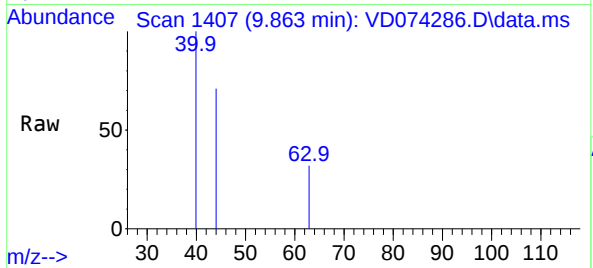
ClientSampleId :

Tgt Ion: 63 Resp: 203

Ion Ratio Lower Upper

63 100

106 0.0 21.9 32.9#



#62

4-Bromofluorobenzene

Concen: 42.024 ug/l

RT: 12.563 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VD074286.D

Acq: 14 Sep 2022 15:51

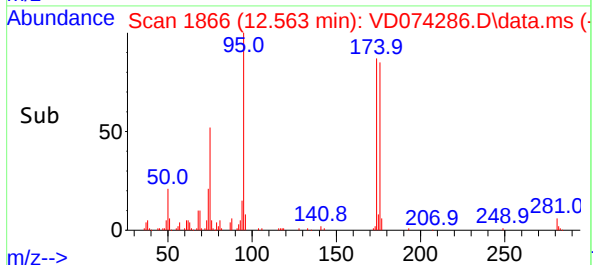
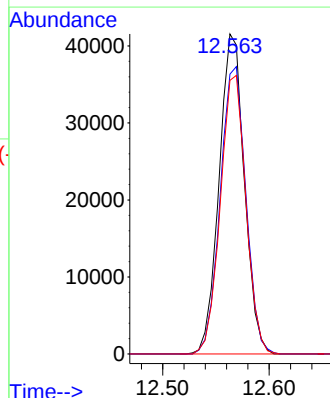
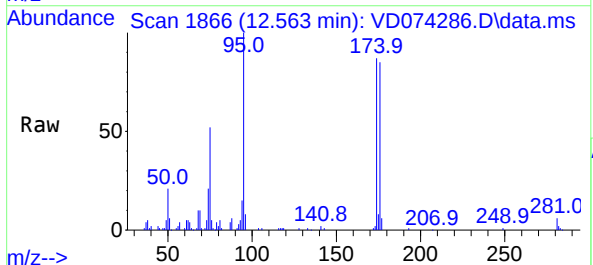
Tgt Ion: 95 Resp: 68257

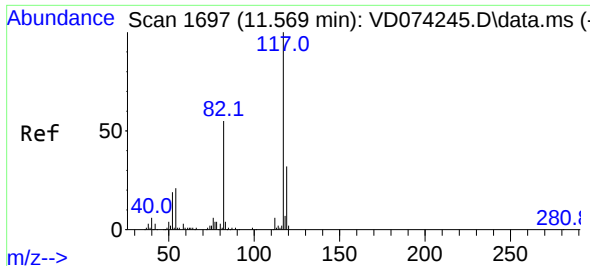
Ion Ratio Lower Upper

95 100

174 91.3 0.0 179.2

176 88.0 0.0 171.4

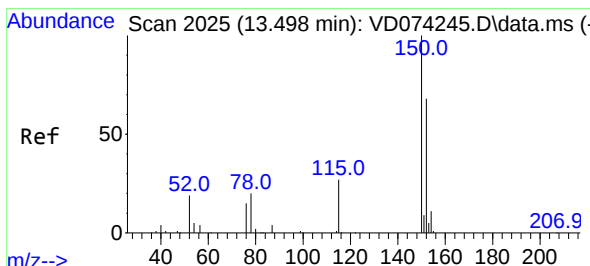
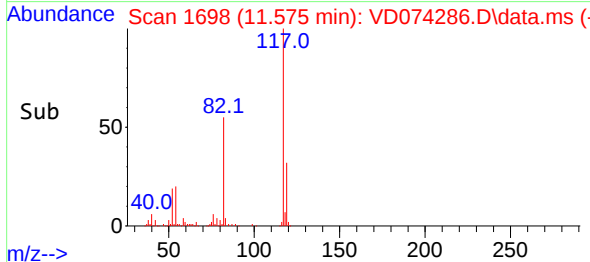
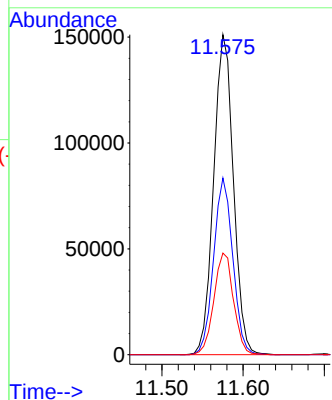
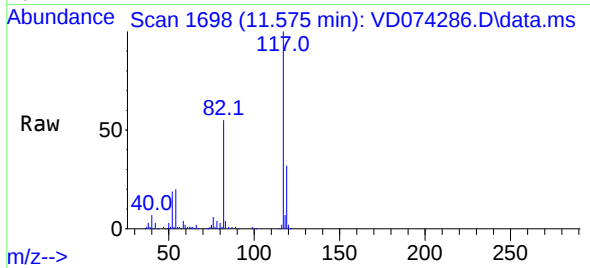




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

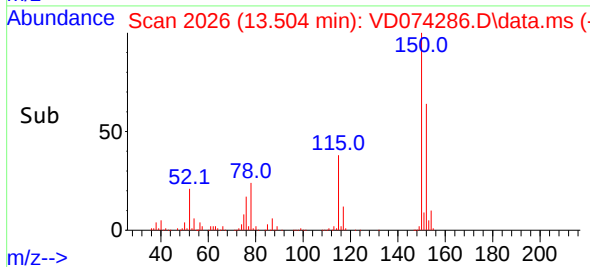
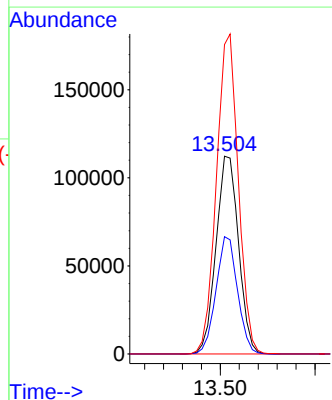
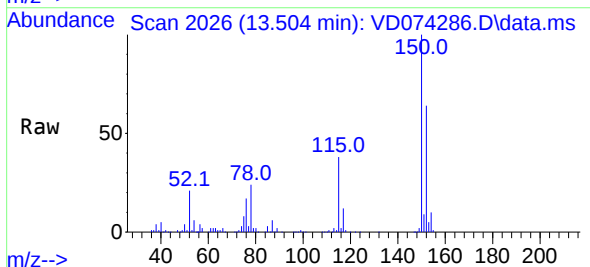
Instrument :
MSVOA_D
ClientSampleId :

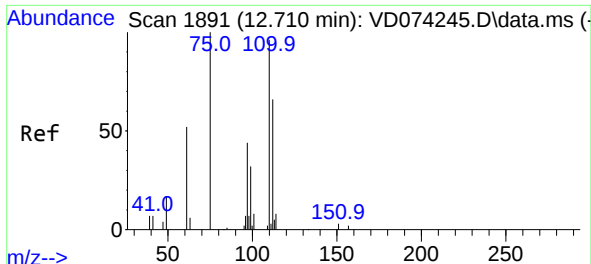
Tgt Ion:117 Resp: 255446
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

Tgt Ion:152 Resp: 185472
Ion Ratio Lower Upper
152 100
115 56.7 28.4 85.2
150 157.1 0.0 351.0

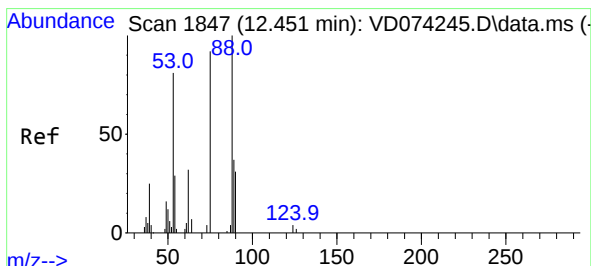
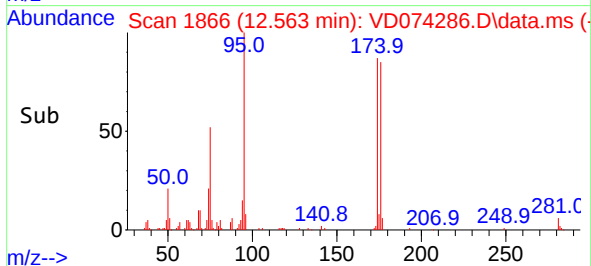
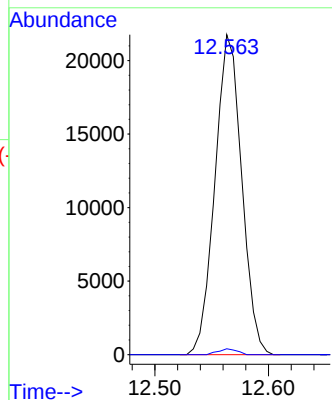
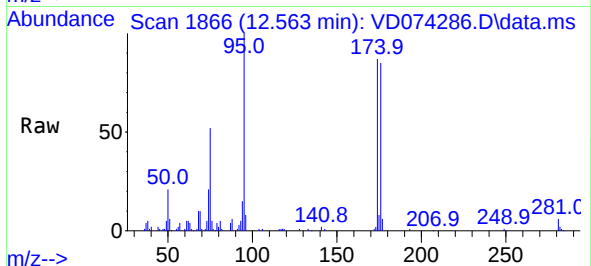




#76
1,2,3-Trichloropropane
Concen: 18.726 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 35605
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.170 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074286.D
Acq: 14 Sep 2022 15:51

Tgt Ion: 75 Resp: 35605
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

