

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074289.D
 Acq On : 14 Sep 2022 17:17
 Operator : VA/SY
 Sample : N4538-03
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:15:06 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)

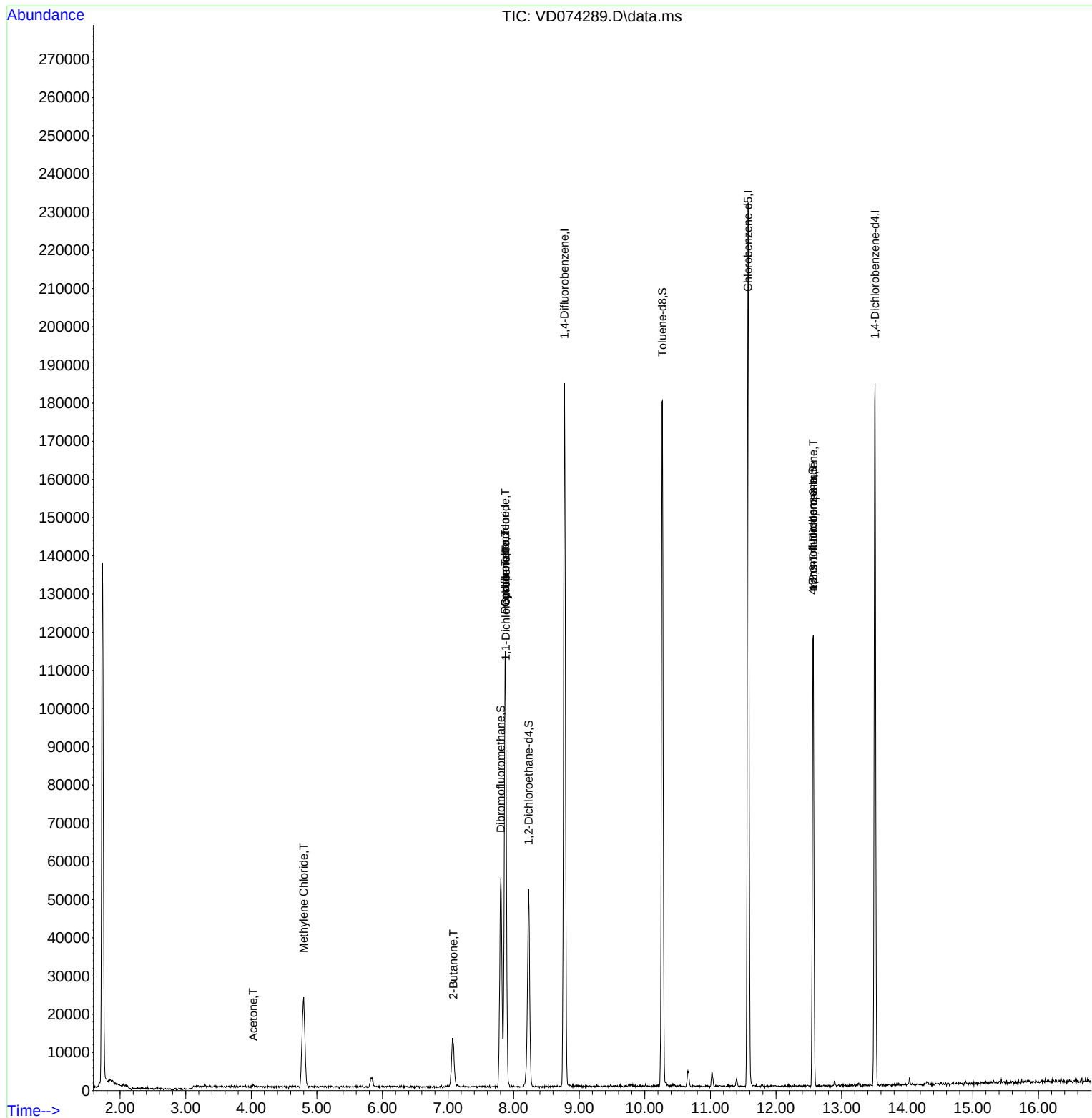
Internal Standards						
1) Pentafluorobenzene	7.869	168	89963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	160581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	133075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	50451	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	38146	41.590	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.180%
35) Dibromofluoromethane	7.804	113	38871	35.195	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.400%
50) Toluene-d8	10.269	98	129286	32.844	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	65.680%
62) 4-Bromofluorobenzene	12.563	95	36856	23.083	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.160%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	634	3.349	ug/l #	42
20) Methylene Chloride	4.799	84	17789	10.650	ug/l	97
25) 2-Butanone	7.081	43	683	2.163	ug/l #	48
31) Cyclohexane	7.875	56	2161	1.140	ug/l #	27
36) 1,1-Dichloropropene	7.881	75	7434	4.277	ug/l #	48
38) Carbon Tetrachloride	7.875	117	9050	5.755	ug/l #	16
76) 1,2,3-Trichloropropane	12.569	75	19596	37.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	19596	93.417	ug/l #	100

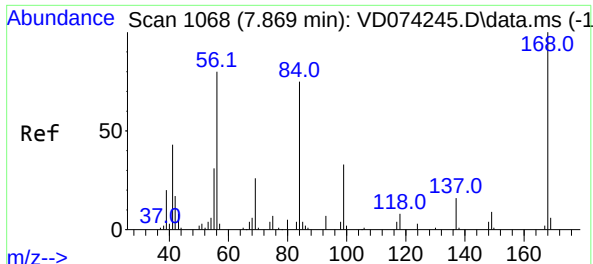
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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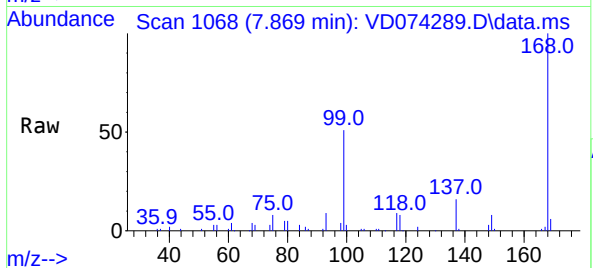
Quant Time: Sep 15 04:15:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration



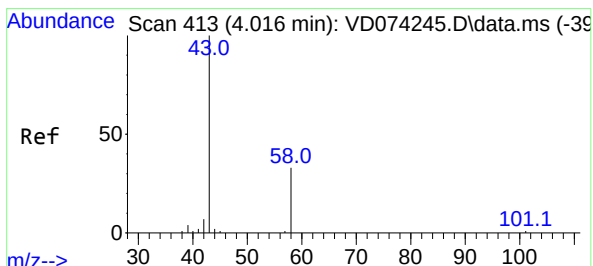
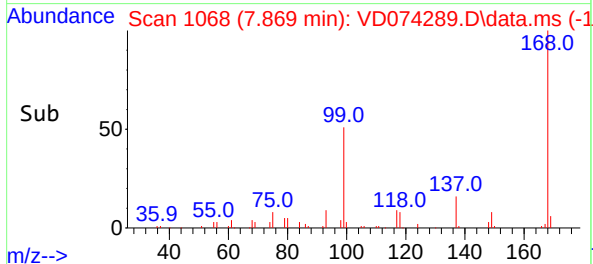
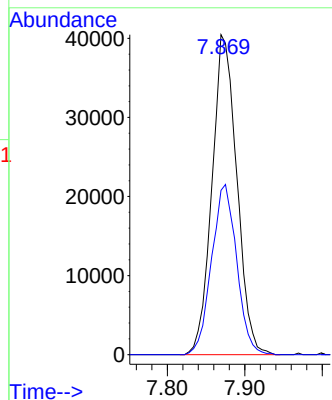


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :

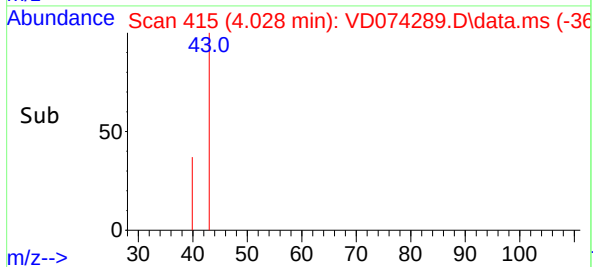
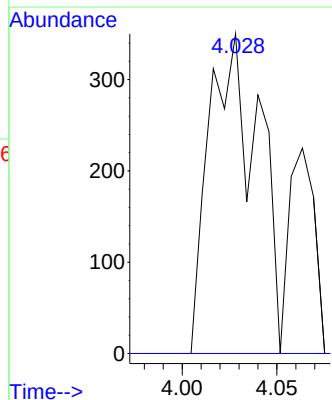
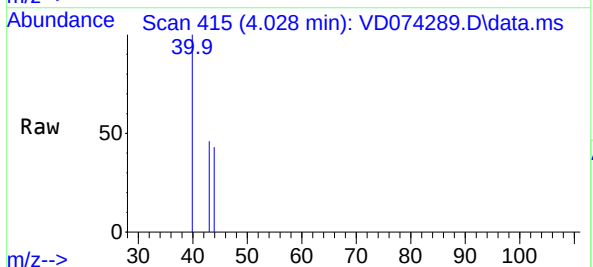


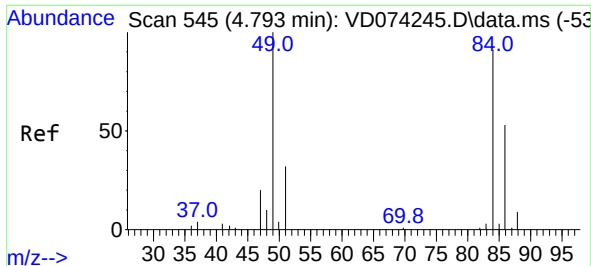
Tgt Ion:168 Resp: 89963
Ion Ratio Lower Upper
168 100
99 51.4 43.0 64.6



#16
Acetone
Concen: 3.349 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

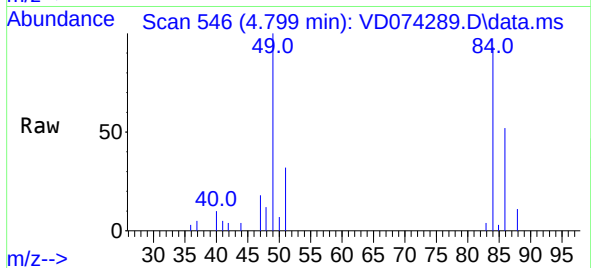
Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#





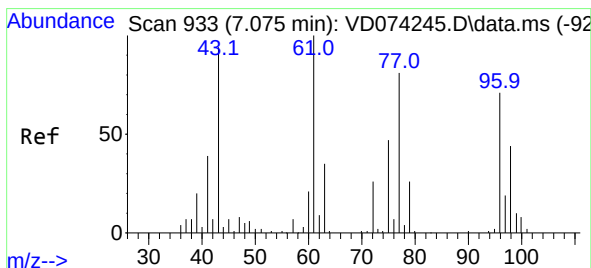
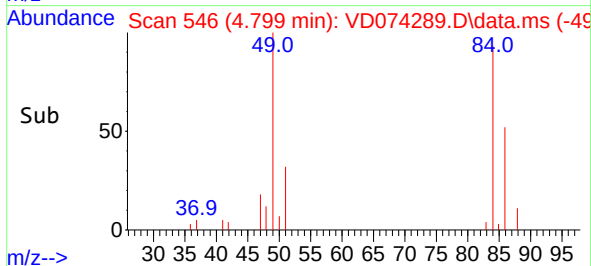
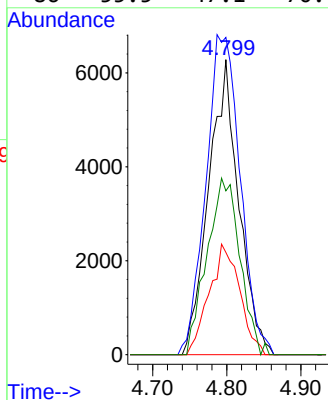
#20
Methylene Chloride
Concen: 10.650 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 17789

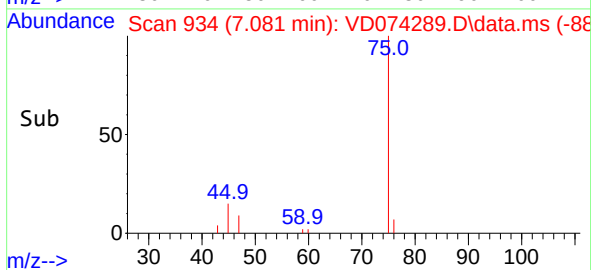
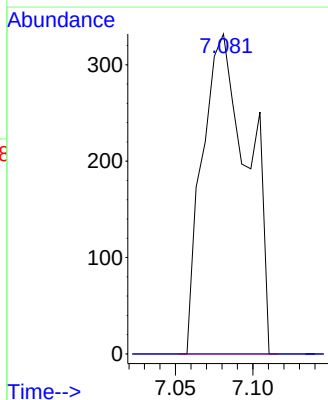
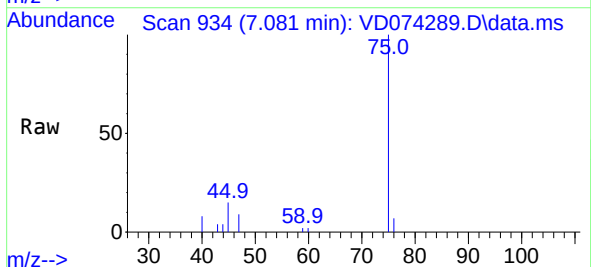
Ion	Ratio	Lower	Upper
84	100		
49	107.5	88.4	132.6
51	34.7	28.0	42.0
86	55.5	47.1	70.7

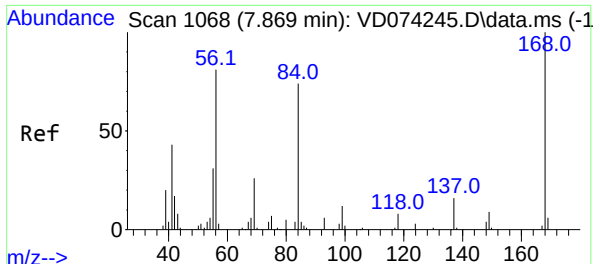


#25
2-Butanone
Concen: 2.163 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

Tgt Ion: 43 Resp: 683

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#





#31

Cyclohexane

Concen: 1.140 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.006 min

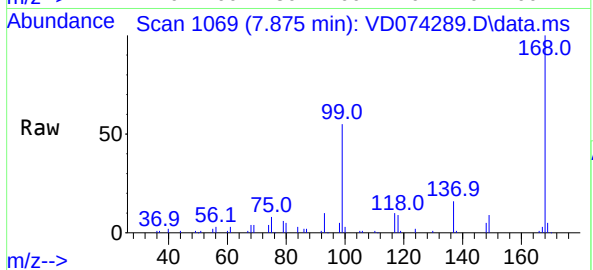
Lab File: VD074289.D

Acq: 14 Sep 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :



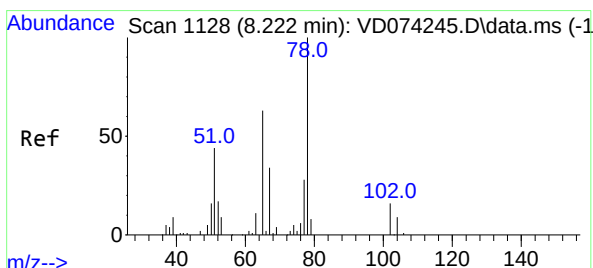
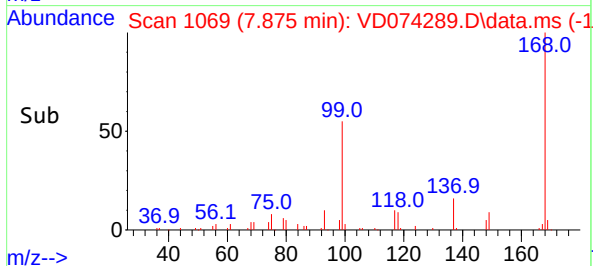
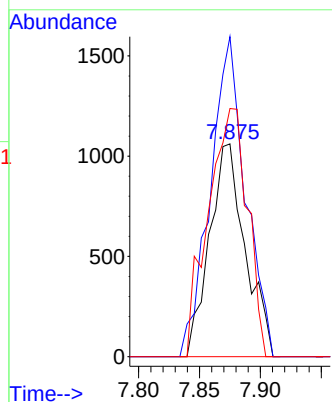
Tgt Ion: 56 Resp: 2161

Ion Ratio Lower Upper

56 100

69 150.4 25.7 38.5#

84 116.7 73.9 110.9#



#33

1,2-Dichloroethane-d4

Concen: 41.590 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD074289.D

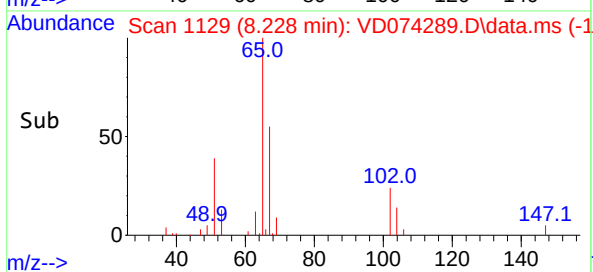
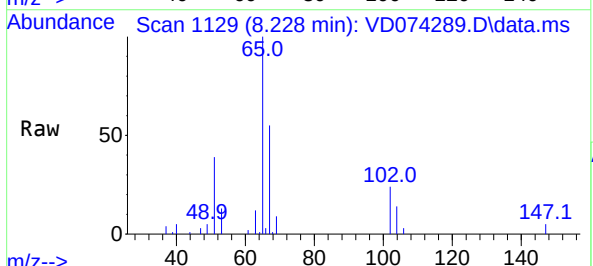
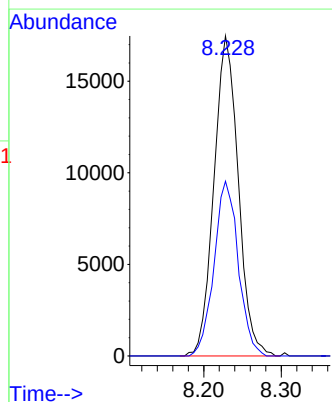
Acq: 14 Sep 2022 17:17

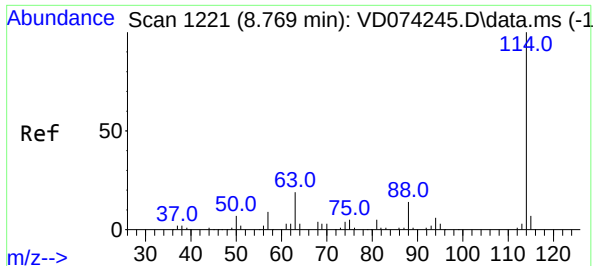
Tgt Ion: 65 Resp: 38146

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074289.D

Acq: 14 Sep 2022 17:17

Instrument :

MSVOA_D

ClientSampleId :

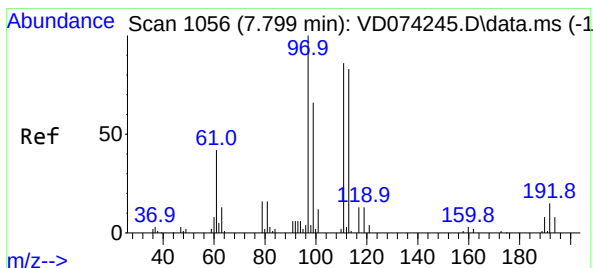
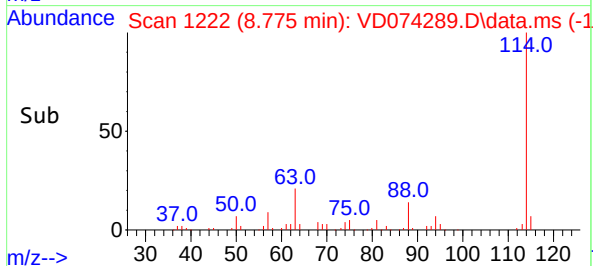
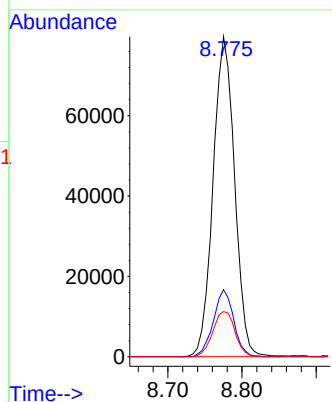
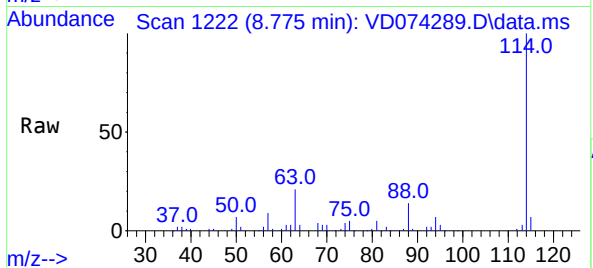
Tgt Ion:114 Resp: 160581

Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.6

88 14.1 0.0 28.4



#35

Dibromofluoromethane

Concen: 35.195 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074289.D

Acq: 14 Sep 2022 17:17

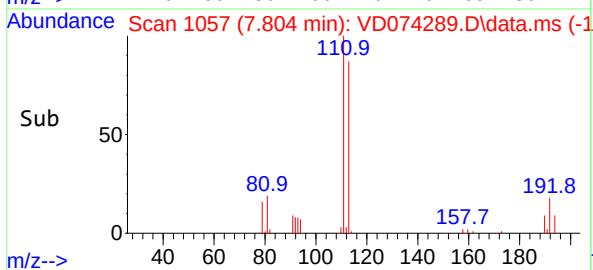
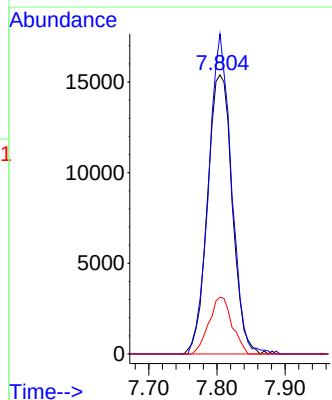
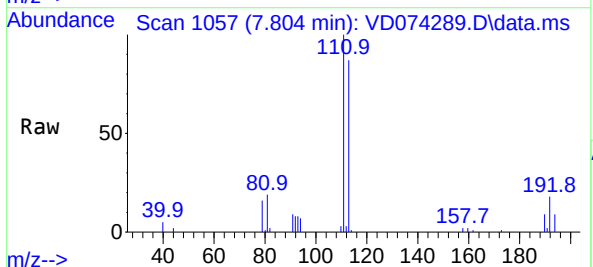
Tgt Ion:113 Resp: 38871

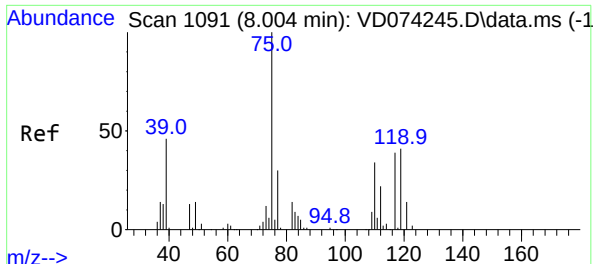
Ion Ratio Lower Upper

113 100

111 105.5 83.0 124.6

192 18.9 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.277 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.124 min

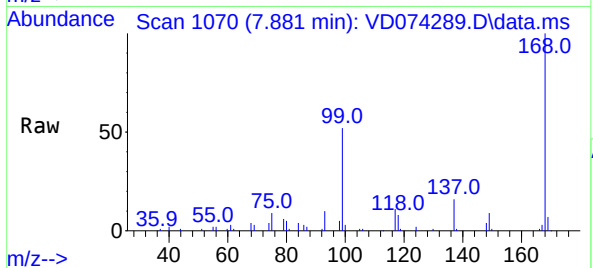
Lab File: VD074289.D

Acq: 14 Sep 2022 17:17

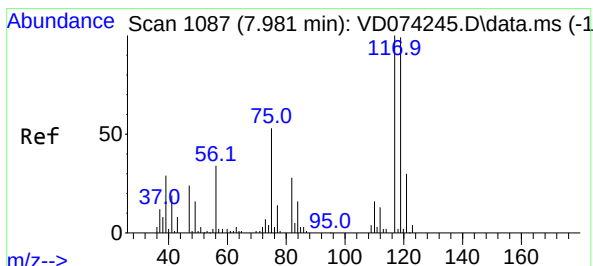
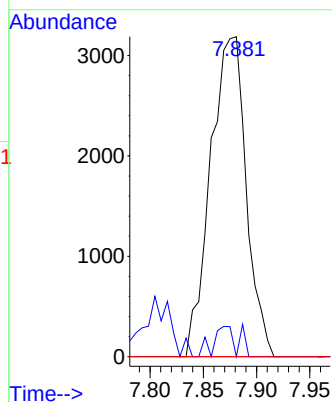
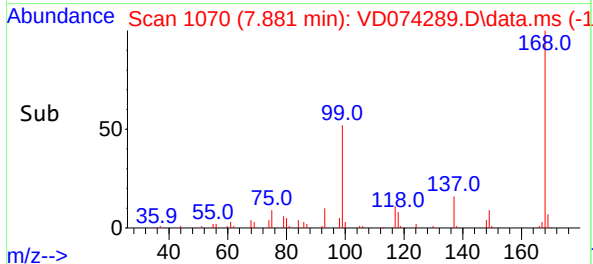
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 7434
Ion Ratio	Lower Upper
75	100
110	6.6 17.5 52.5#
77	0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.755 ug/l

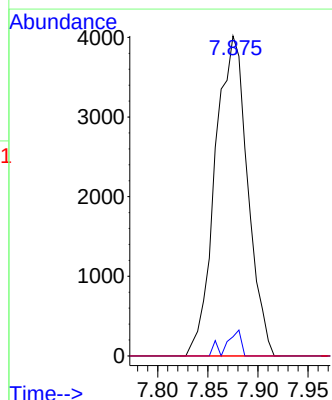
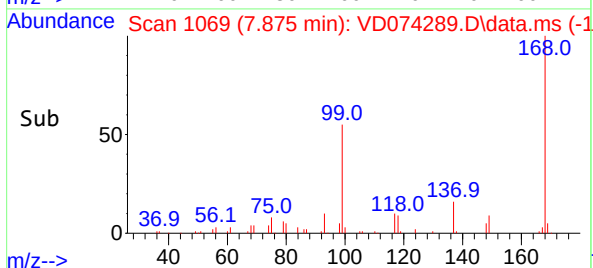
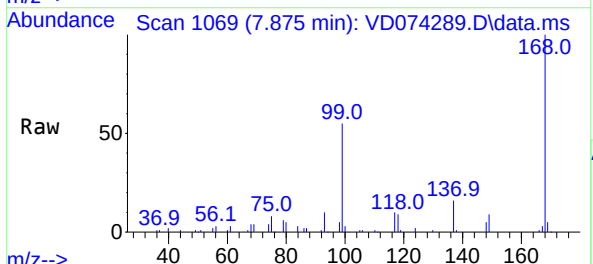
RT: 7.875 min Scan# 1069

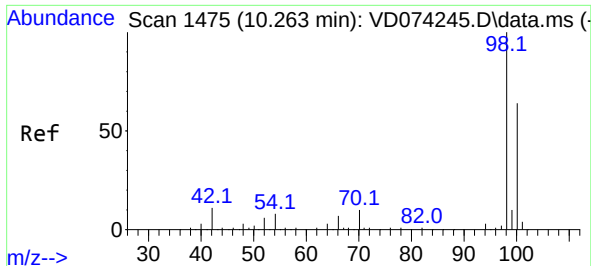
Delta R.T. -0.106 min

Lab File: VD074289.D

Acq: 14 Sep 2022 17:17

Tgt Ion: 117	Resp: 9050
Ion Ratio	Lower Upper
117	100
119	6.0 78.8 118.2#
121	0.0 23.9 35.9#

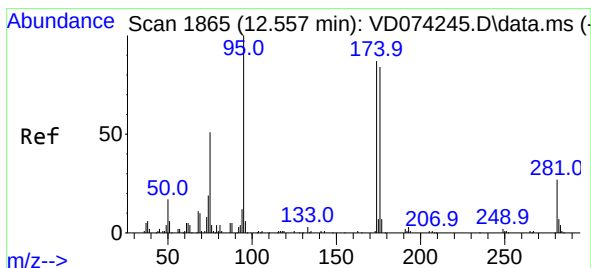
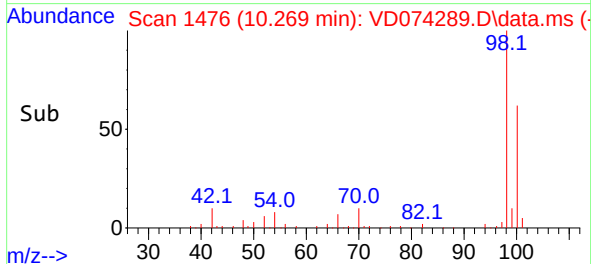
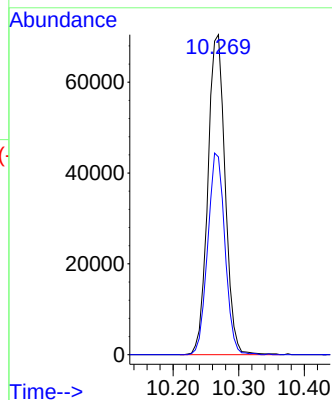
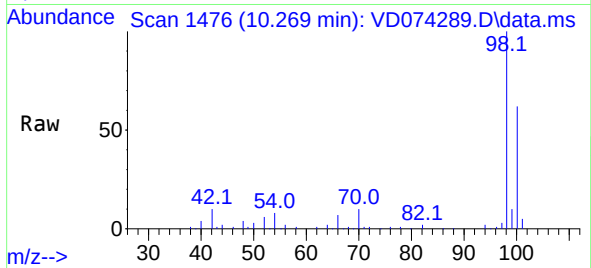




#50
Toluene-d8
Concen: 32.844 ug/l
RT: 10.269 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

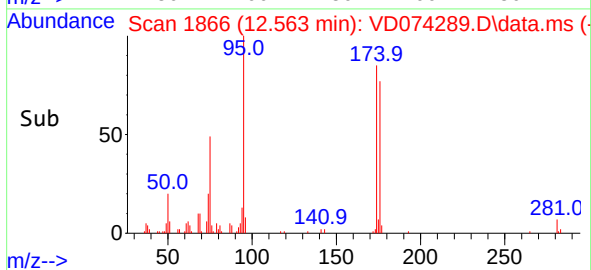
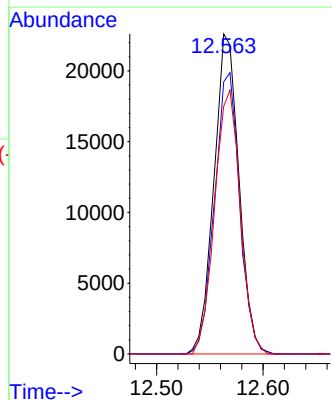
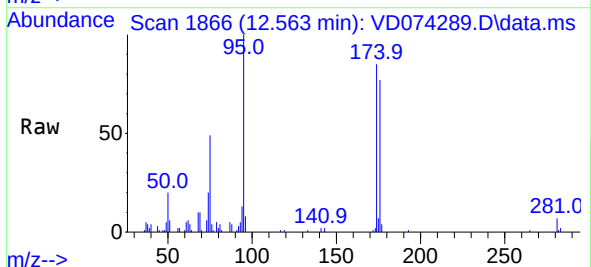
Instrument :
MSVOA_D
ClientSampleId :

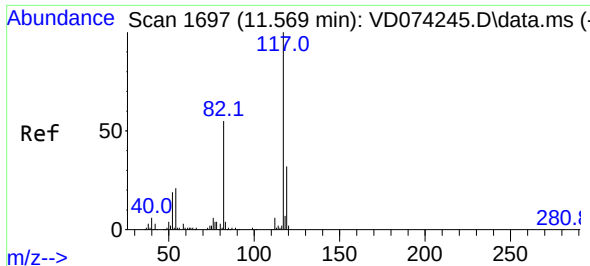
Tgt Ion: 98 Resp: 129286
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 23.083 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

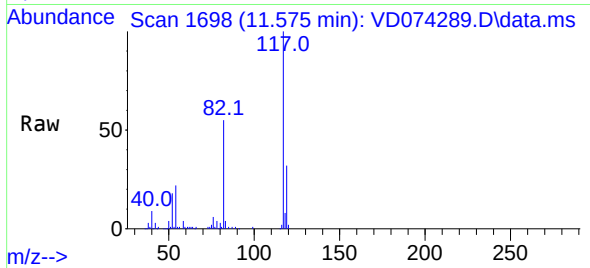
Tgt Ion: 95 Resp: 36856
Ion Ratio Lower Upper
95 100
174 88.2 0.0 179.2
176 84.2 0.0 171.4



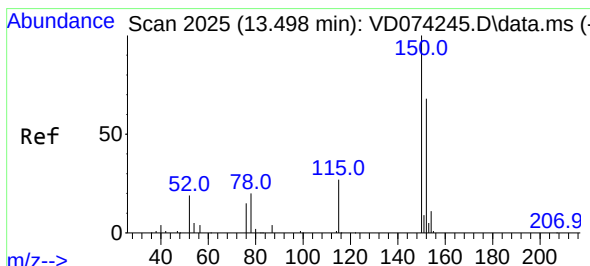
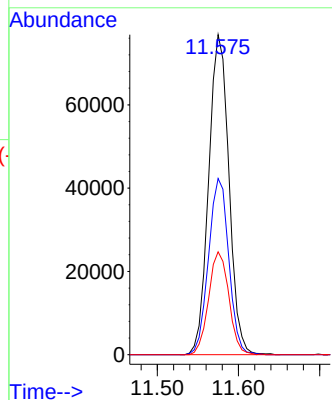
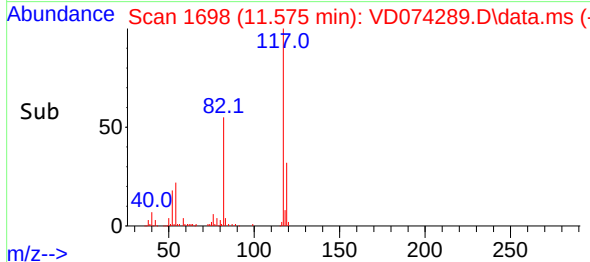


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

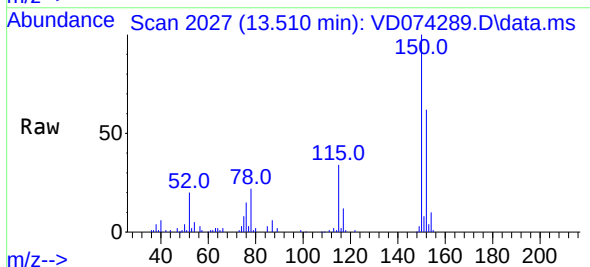
Instrument :
MSVOA_D
ClientSampleId :



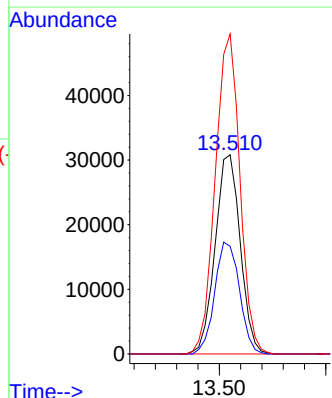
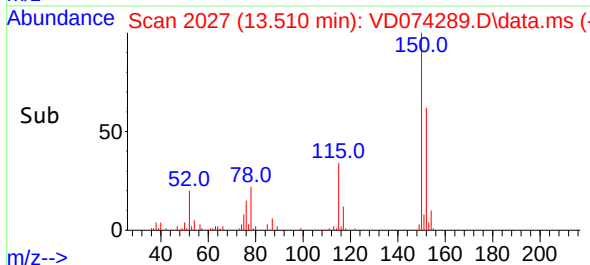
Tgt Ion:117 Resp: 133075
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.2 25.4 38.0

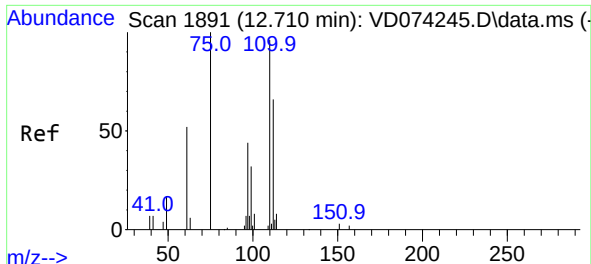


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17



Tgt Ion:152 Resp: 50451
Ion Ratio Lower Upper
152 100
115 55.2 28.4 85.2
150 157.3 0.0 351.0

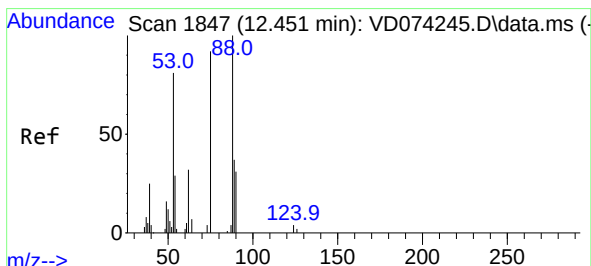
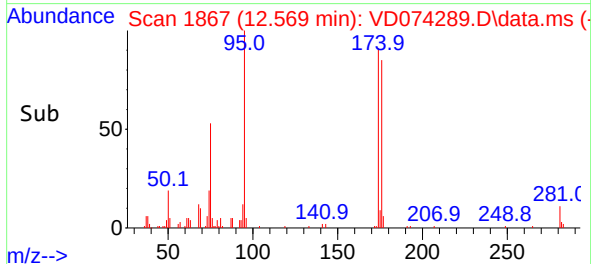
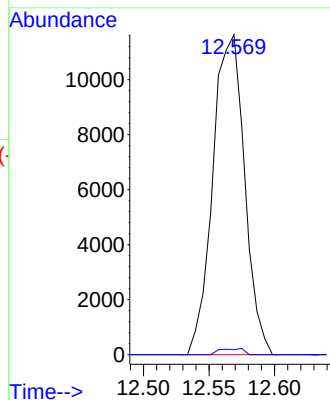
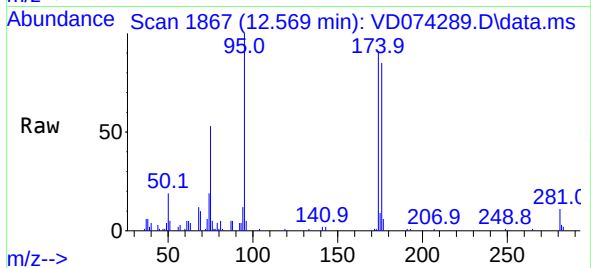




#76
1,2,3-Trichloropropane
Concen: 37.889 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.141 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 19596
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.417 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.118 min
Lab File: VD074289.D
Acq: 14 Sep 2022 17:17

Tgt Ion: 75 Resp: 19596
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

