

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074293.D
 Acq On : 14 Sep 2022 19:11
 Operator : VA/SY
 Sample : N4538-04
 Misc : 5.62G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:15:48 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)

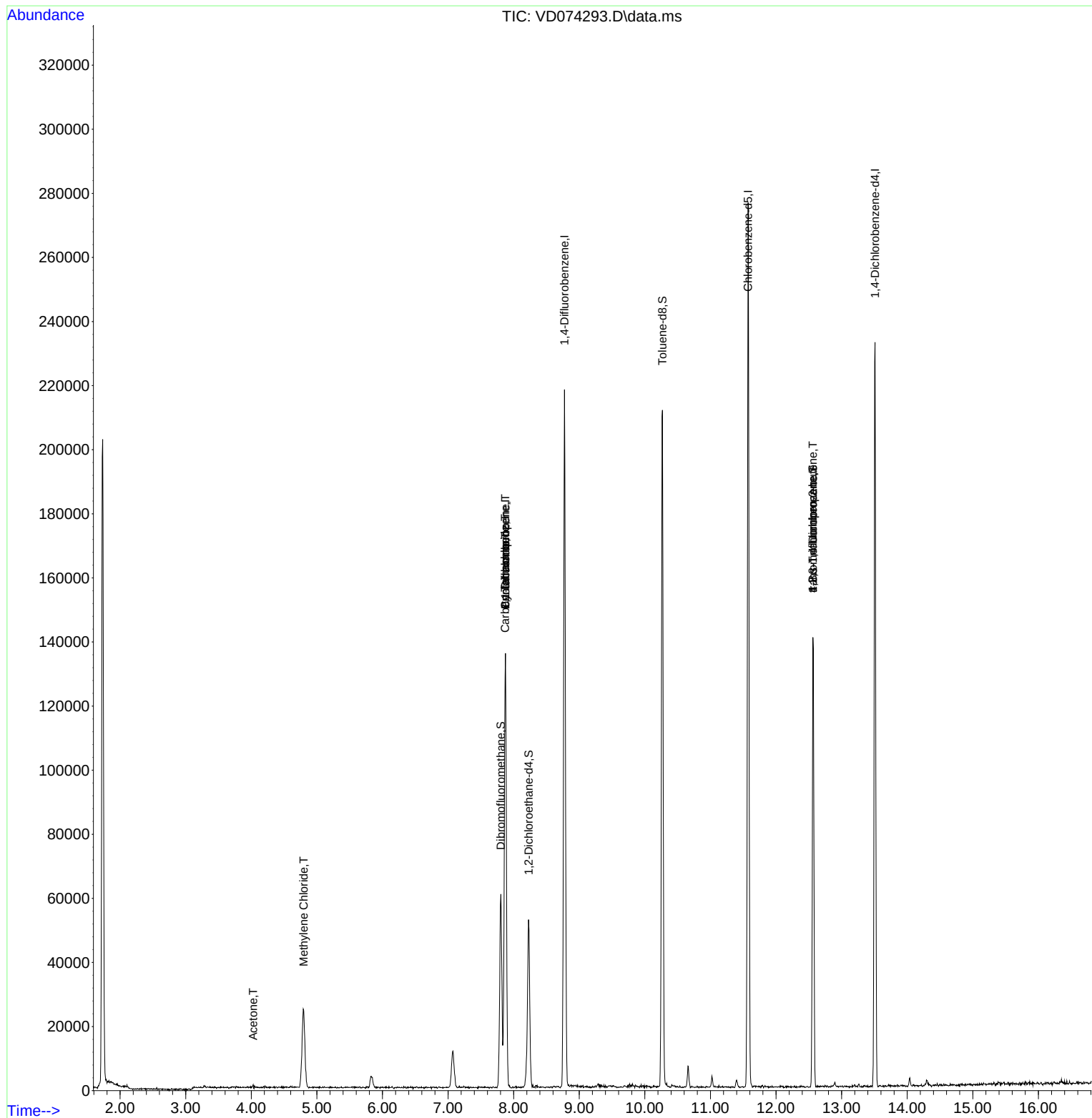
Internal Standards						
1) Pentafluorobenzene	7.875	168	107096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	185794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	153485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	63844	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39376	36.063	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	72.120%		
35) Dibromofluoromethane	7.804	113	43034	33.525	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	67.040%		
50) Toluene-d8	10.269	98	148489	32.604	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	65.200%		
62) 4-Bromofluorobenzene	12.563	95	43734	23.879	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	47.760%		
Target Compounds						Qvalue
16) Acetone	4.028	43	319	1.415	ug/l #	42
20) Methylene Chloride	4.799	84	19638	9.374	ug/l	93
31) Cyclohexane	7.875	56	2322	1.029	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	8683	4.318	ug/l #	45
38) Carbon Tetrachloride	7.869	117	10441	5.739	ug/l #	15
76) 1,2,3-Trichloropropane	12.563	75	22735	34.737	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	22735	85.645	ug/l #	100

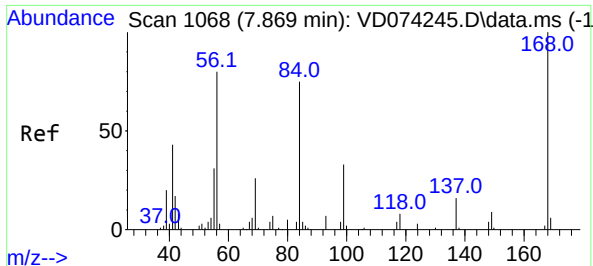
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

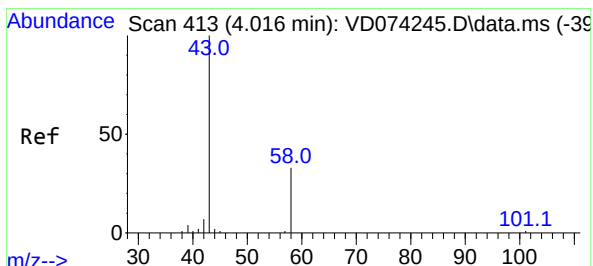
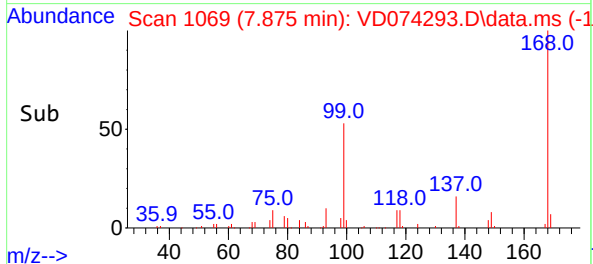
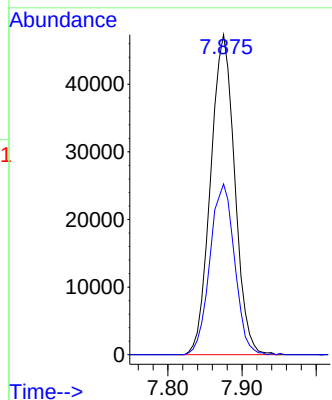
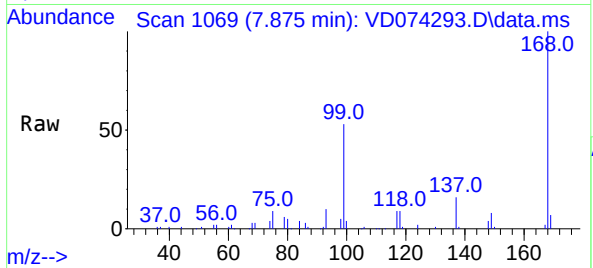




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074293.D
Acq: 14 Sep 2022 19:11

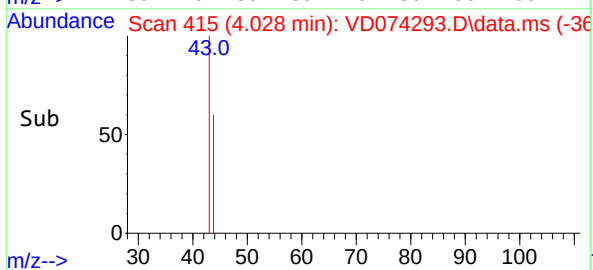
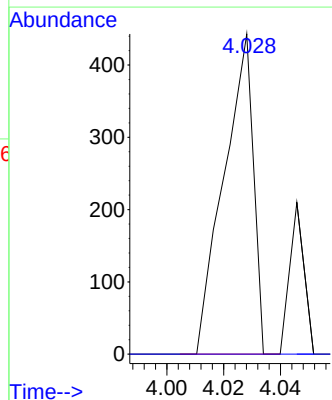
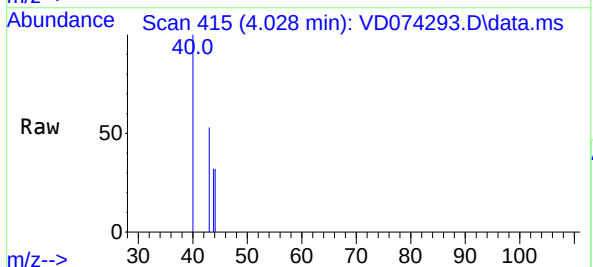
Instrument :
MSVOA_D
ClientSampleId :

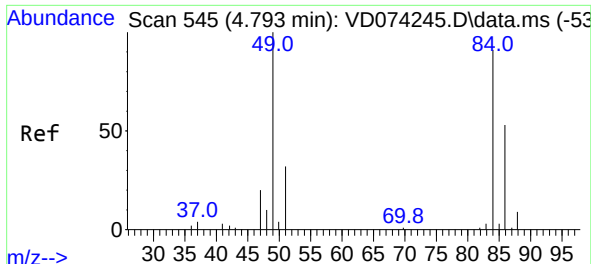
Tgt Ion:168 Resp: 107096
Ion Ratio Lower Upper
168 100
99 53.4 43.0 64.6



#16
Acetone
Concen: 1.415 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD074293.D
Acq: 14 Sep 2022 19:11

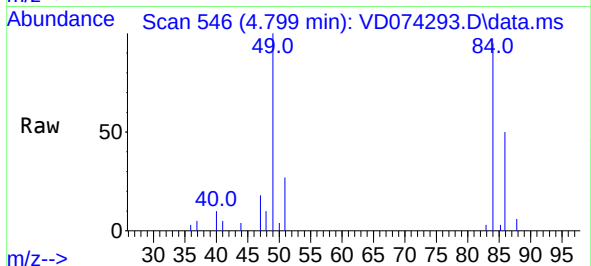
Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#





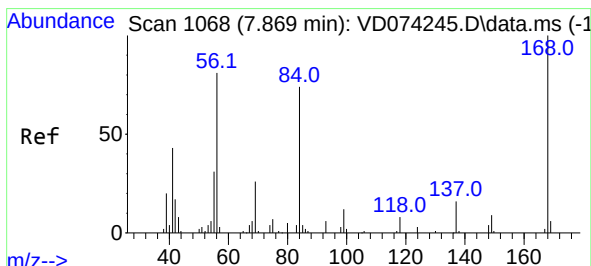
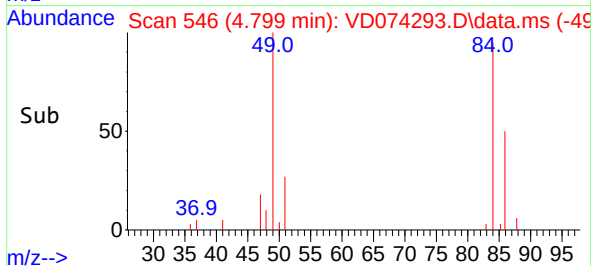
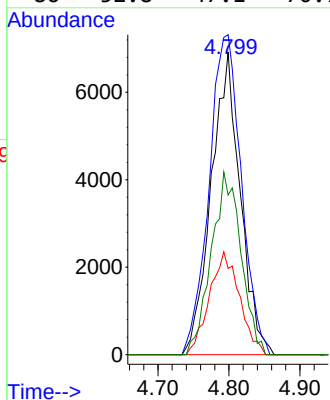
#20
Methylene Chloride
Concen: 9.374 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074293.D
Acq: 14 Sep 2022 19:11

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 19638

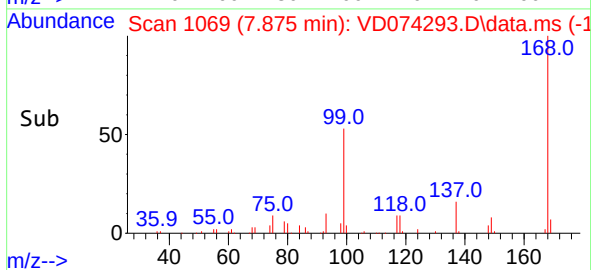
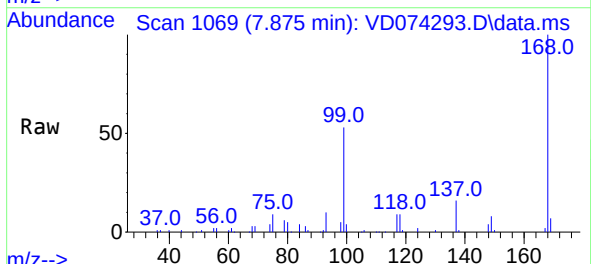
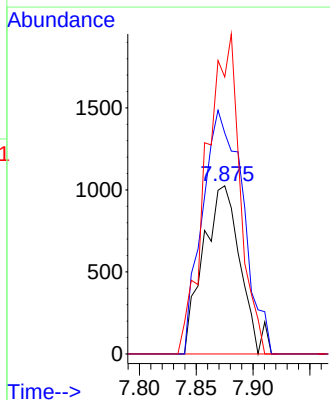
Ion	Ratio	Lower	Upper
84	100		
49	105.7	88.4	132.6
51	28.5	28.0	42.0
86	52.8	47.1	70.7

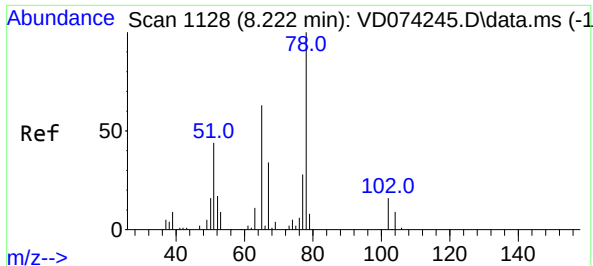


#31
Cyclohexane
Concen: 1.029 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074293.D
Acq: 14 Sep 2022 19:11

Tgt Ion: 56 Resp: 2322

Ion	Ratio	Lower	Upper
56	100		
69	131.4	25.7	38.5#
84	164.8	73.9	110.9#





#33

1,2-Dichloroethane-d4

Concen: 36.063 ug/l

RT: 8.228 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VD074293.D

Acq: 14 Sep 2022 19:11

Instrument :

MSVOA_D

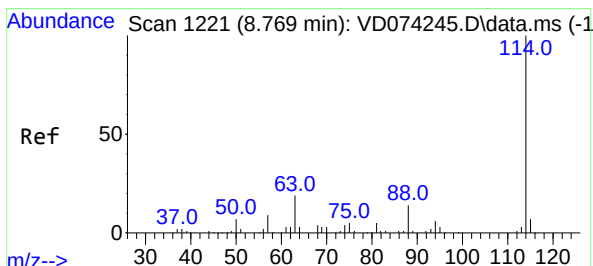
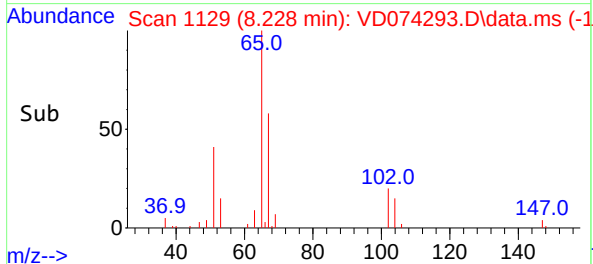
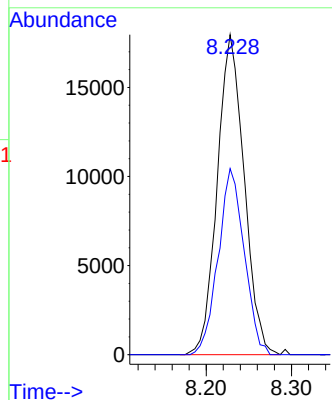
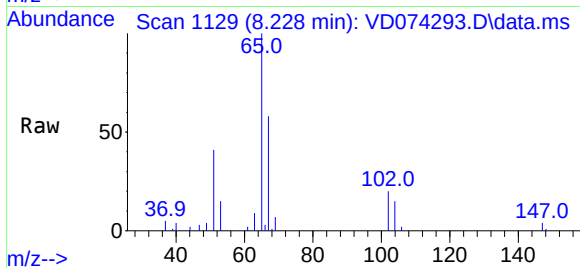
ClientSampleId :

Tgt Ion: 65 Resp: 39376

Ion Ratio Lower Upper

65 100

67 56.3 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: VD074293.D

Acq: 14 Sep 2022 19:11

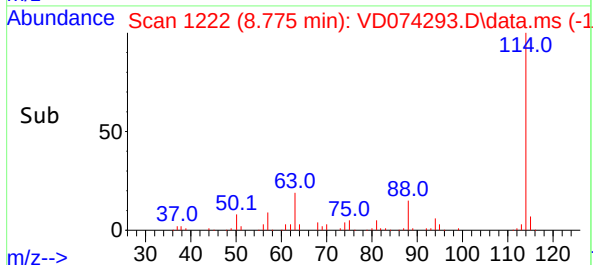
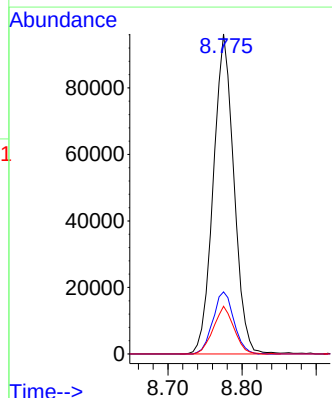
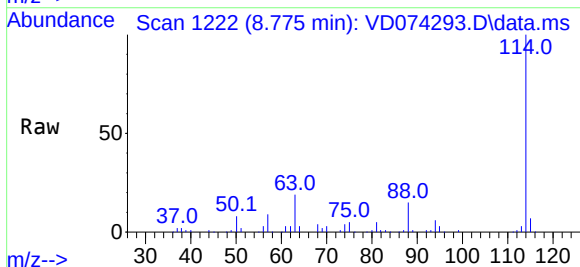
Tgt Ion: 114 Resp: 185794

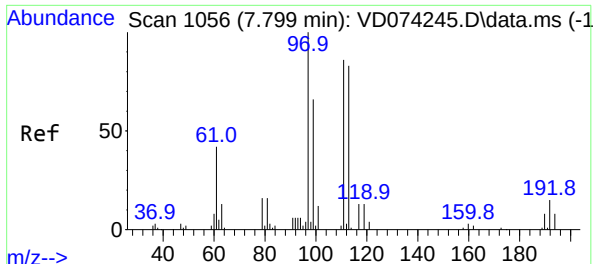
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

88 14.9 0.0 28.4





#35

Dibromofluoromethane

Concen: 33.525 ug/l

RT: 7.804 min Scan# 1056

Delta R.T. 0.005 min

Lab File: VD074293.D

Acq: 14 Sep 2022 19:11

Instrument :

MSVOA_D

ClientSampleId :

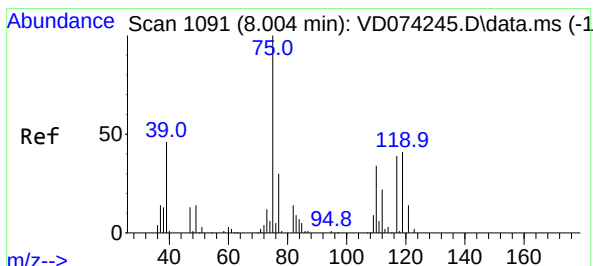
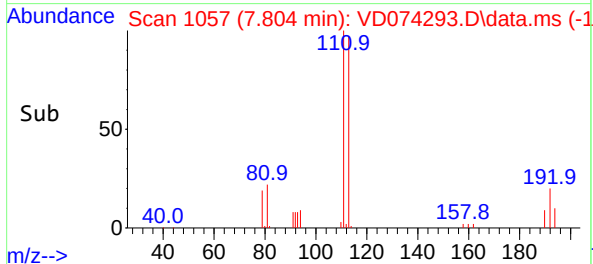
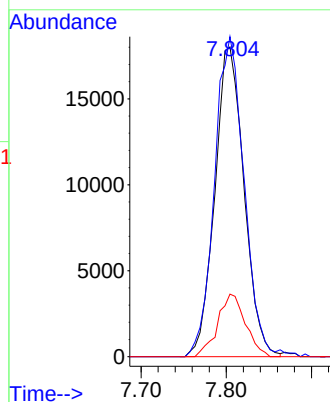
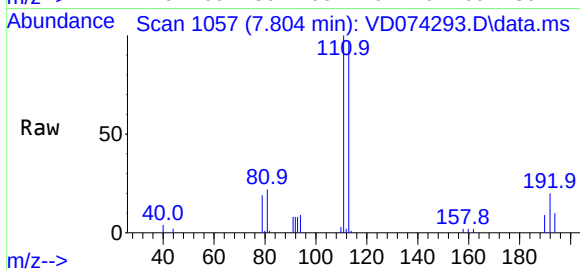
Tgt Ion:113 Resp: 43034

Ion Ratio Lower Upper

113 100

111 104.9 83.0 124.6

192 19.2 16.2 24.2



#36

1,1-Dichloropropene

Concen: 4.318 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074293.D

Acq: 14 Sep 2022 19:11

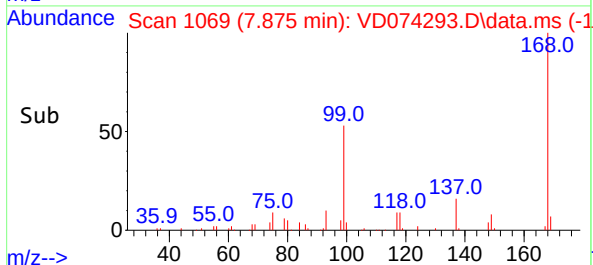
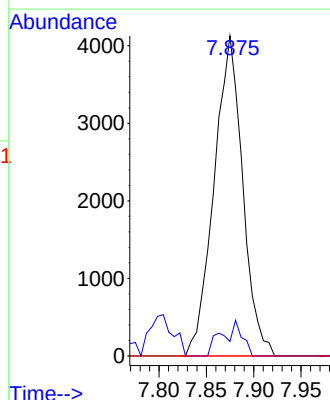
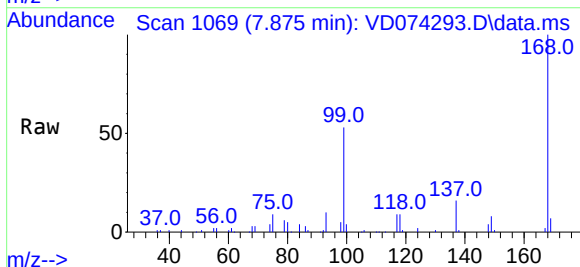
Tgt Ion: 75 Resp: 8683

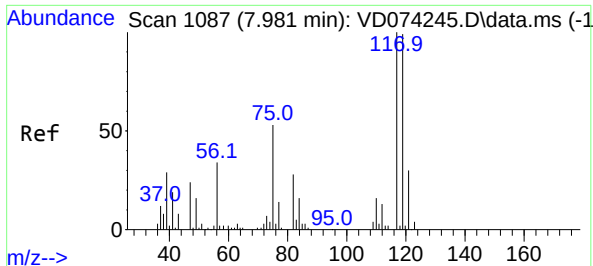
Ion Ratio Lower Upper

75 100

110 3.7 17.5 52.5#

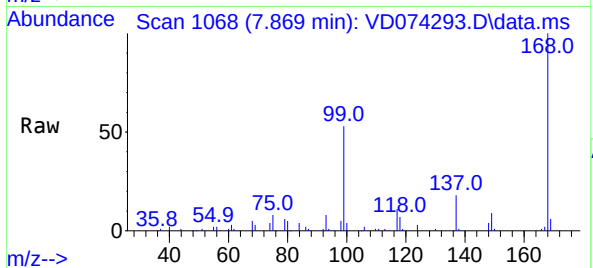
77 0.0 24.8 37.2#



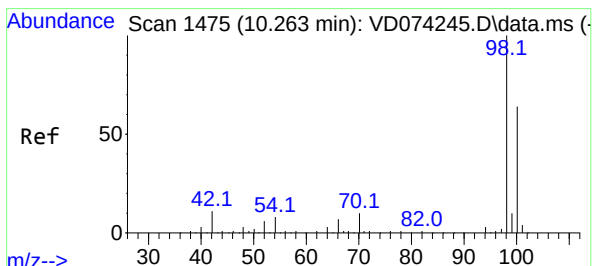
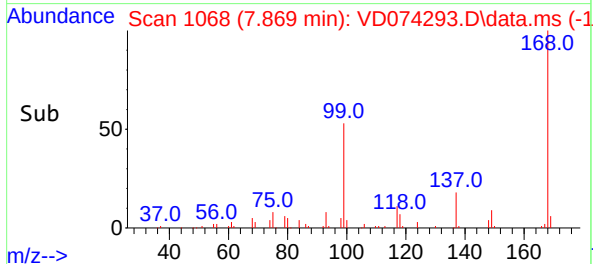
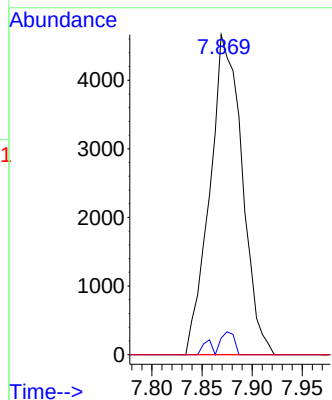


#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 7.869 min Scan# 1087
Delta R.T. -0.112 min
Lab File: VD074293.D
Acq: 14 Sep 2022 19:11

Instrument :
MSVOA_D
ClientSampleId :

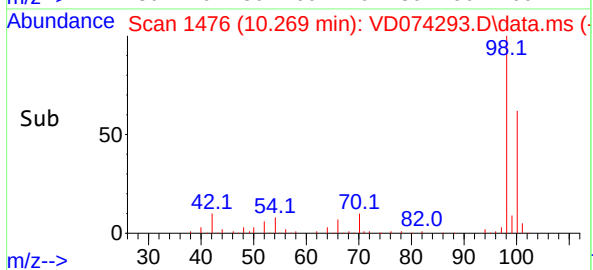
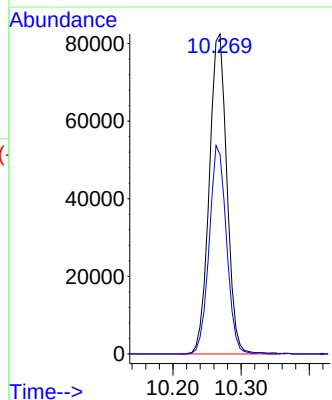
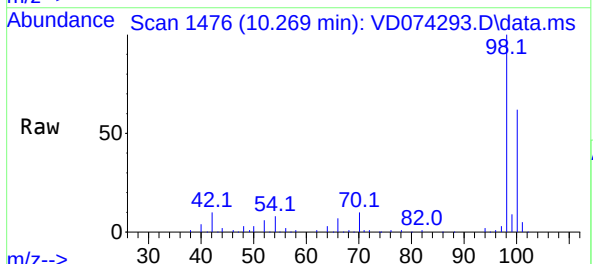


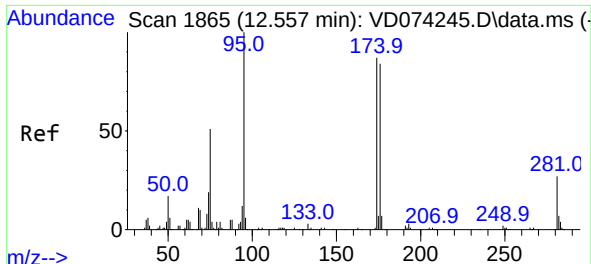
Tgt Ion:117 Resp: 10441
Ion Ratio Lower Upper
117 100
119 5.2 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 32.604 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074293.D
Acq: 14 Sep 2022 19:11

Tgt Ion: 98 Resp: 148489
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.8

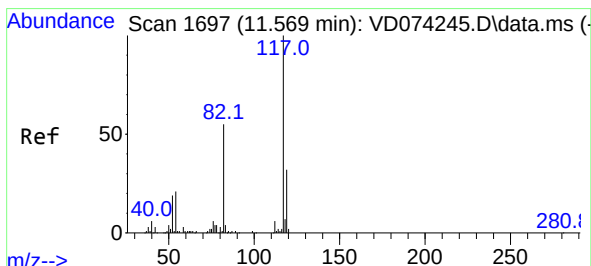
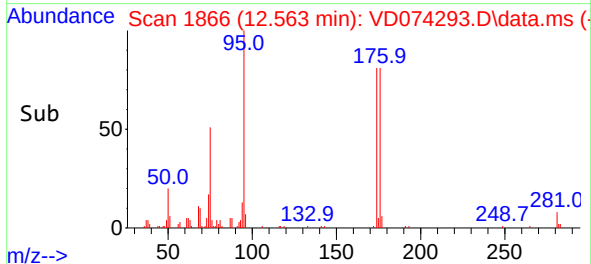
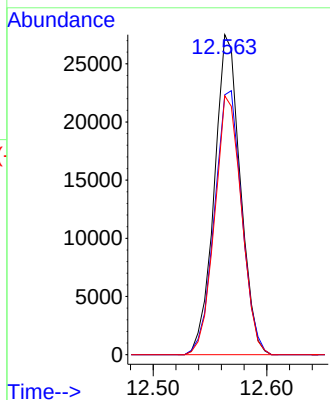
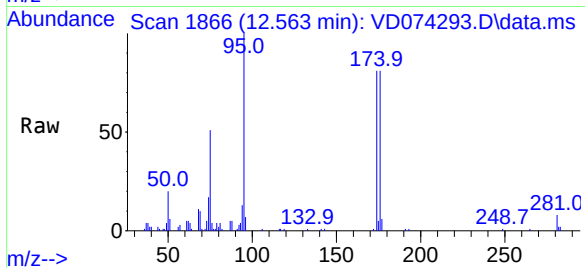




#62
4-Bromofluorobenzene
Concen: 23.879 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074293.D
Acq: 14 Sep 2022 19:11

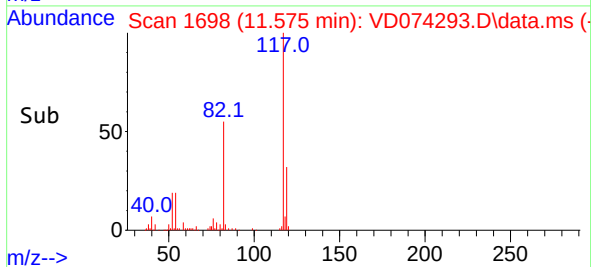
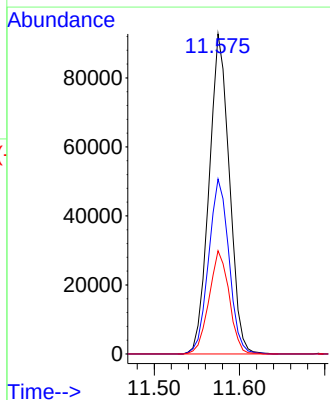
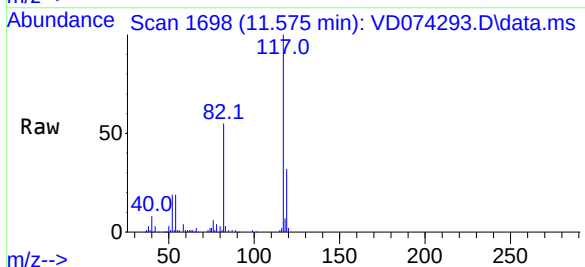
Instrument :
MSVOA_D
ClientSampleId :

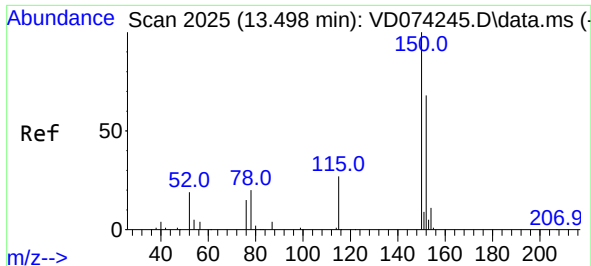
Tgt Ion: 95 Resp: 43734
Ion Ratio Lower Upper
95 100
174 86.5 0.0 179.2
176 83.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VD074293.D
Acq: 14 Sep 2022 19:11

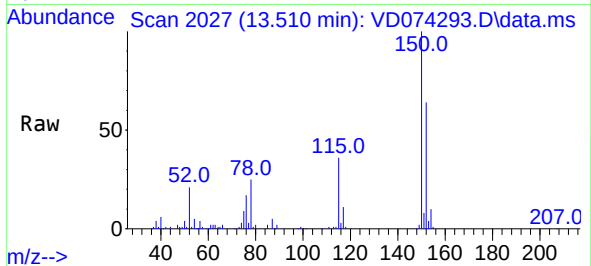
Tgt Ion: 117 Resp: 153485
Ion Ratio Lower Upper
117 100
82 54.6 44.2 66.2
119 32.3 25.4 38.0



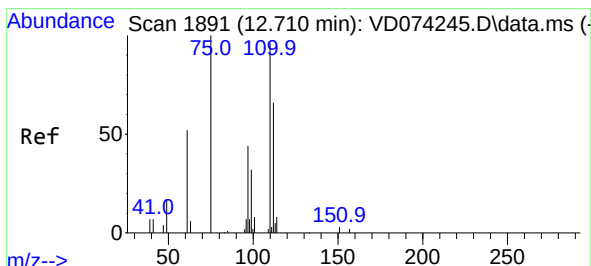
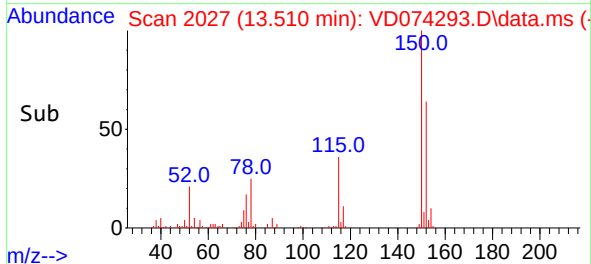
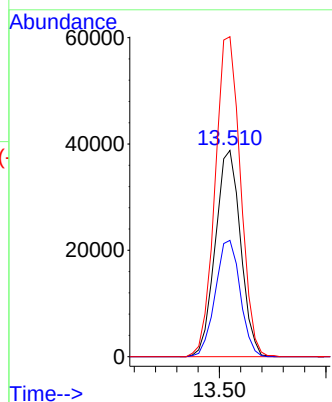


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VD074293.D
 Acq: 14 Sep 2022 19:11

Instrument :
 MSVOA_D
 ClientSampleId :

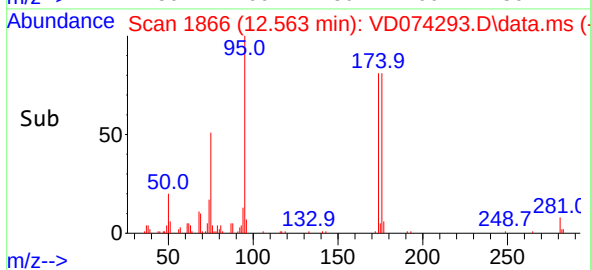
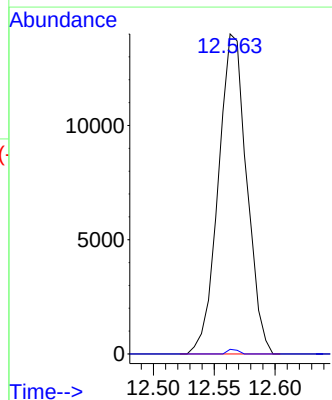
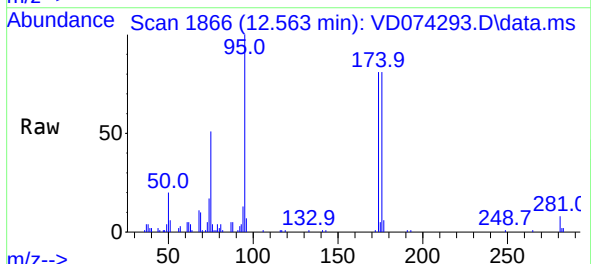


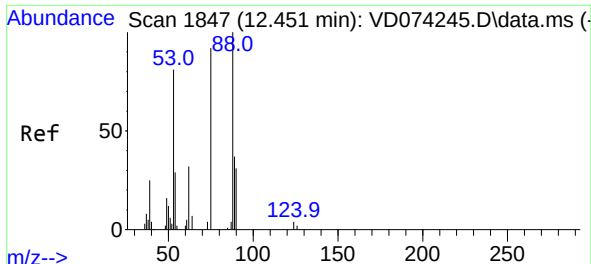
Tgt Ion:152 Resp: 63844
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.4 85.2
 150 155.6 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 34.737 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. -0.147 min
 Lab File: VD074293.D
 Acq: 14 Sep 2022 19:11

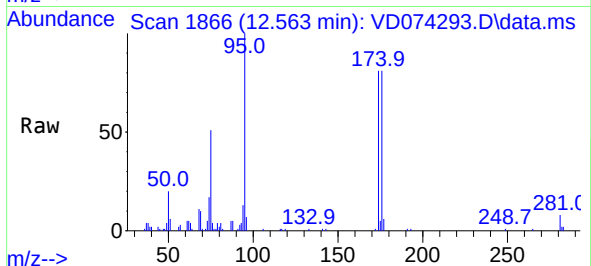
Tgt Ion: 75 Resp: 22735
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.645 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. 0.112 min
 Lab File: VD074293.D
 Acq: 14 Sep 2022 19:11

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	22735
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

