

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074715.D
 Acq On : 03 Nov 2022 15:09
 Operator : VA/SY
 Sample : N5396-04
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-B

Quant Time: Nov 04 00:02:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	168921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	295522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	232905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91539	68.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.840%
35) Dibromofluoromethane	7.805	113	115005	65.787	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	131.580%
50) Toluene-d8	10.269	98	367575	57.644	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.280%
62) 4-Bromofluorobenzene	12.575	95	108352	58.850	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.700%

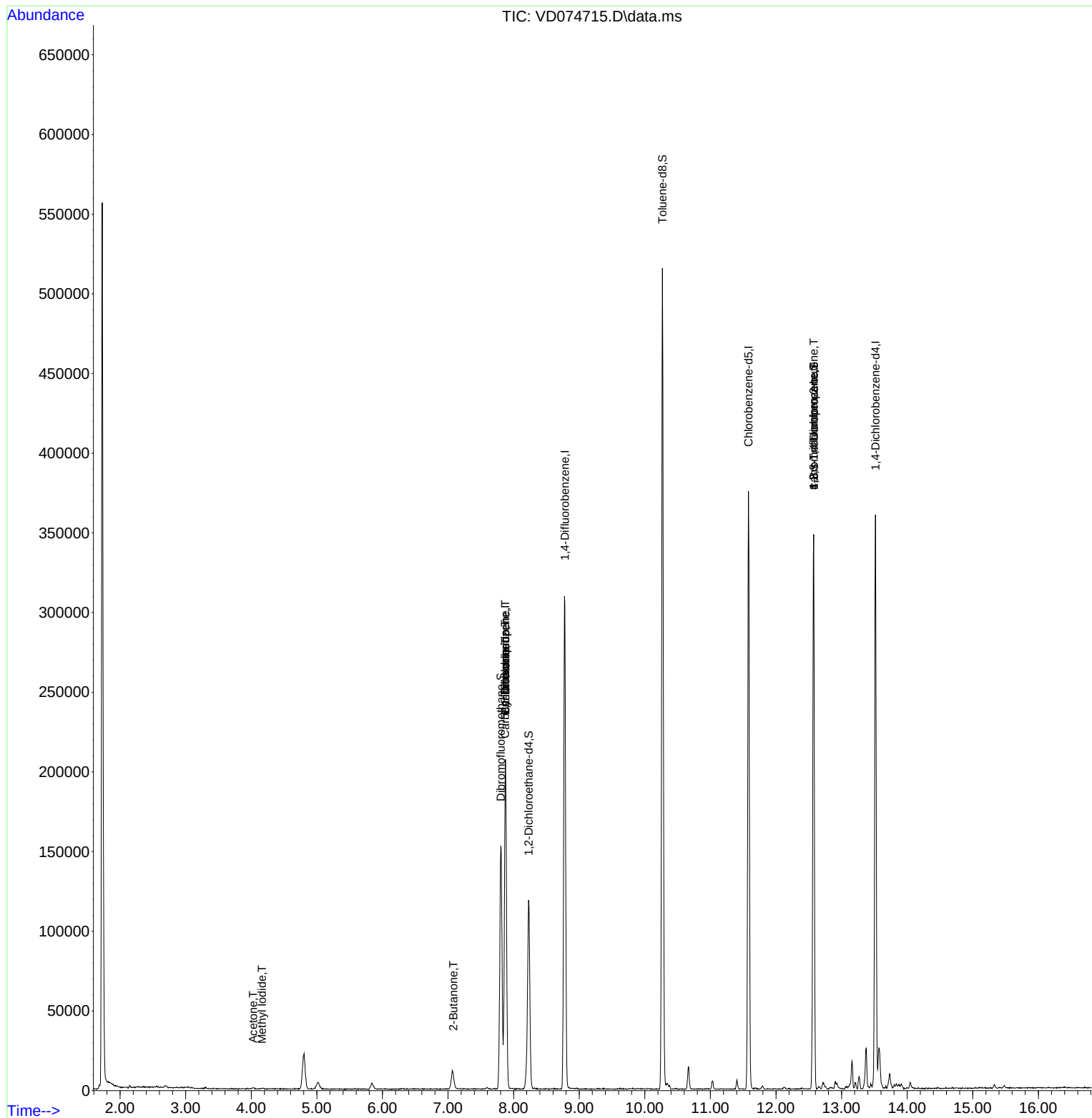
Target Compounds					Qvalue	
10) Methyl Iodide	4.164	142	852	5.883	ug/l #	53
11) Tert butyl alcohol	5.016	59	3975	Below Cal	#	84
16) Acetone	4.028	43	1174	4.205	ug/l #	72
20) Methylene Chloride	4.805	84	19004	Below Cal		97
25) 2-Butanone	7.081	43	805	2.097	ug/l #	76
31) Cyclohexane	7.875	56	2899	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12492	4.708	ug/l #	45
38) Carbon Tetrachloride	7.869	117	15680	6.237	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	53002	67.976	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	53002	161.358	ug/l #	17

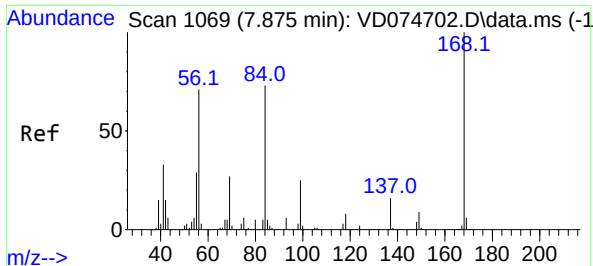
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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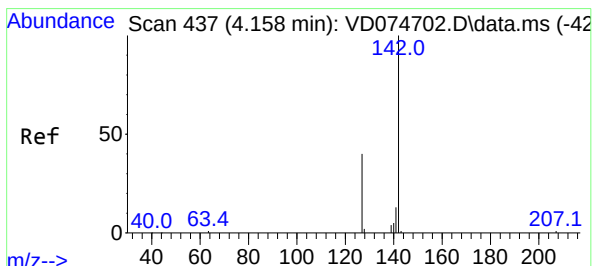
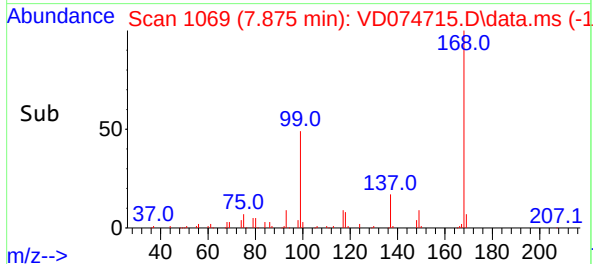
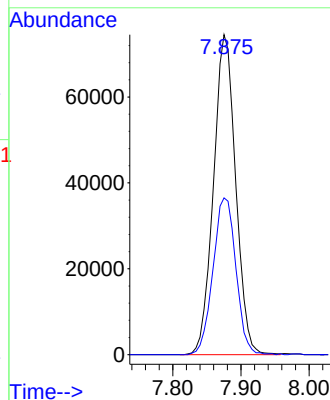
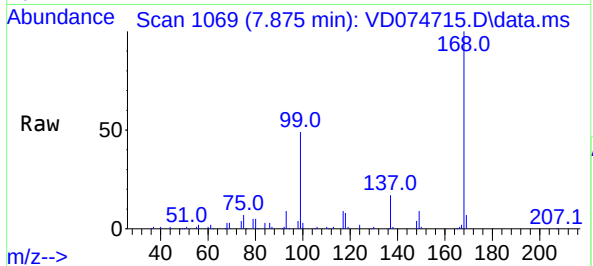




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

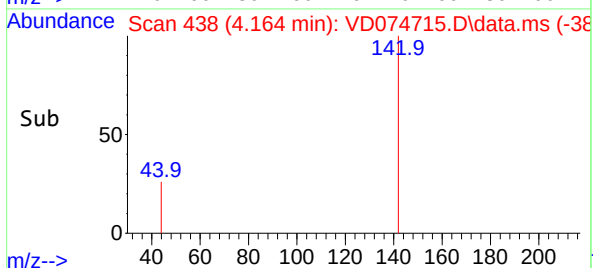
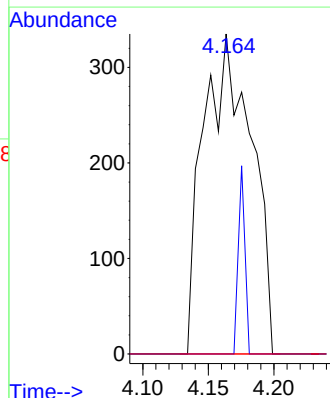
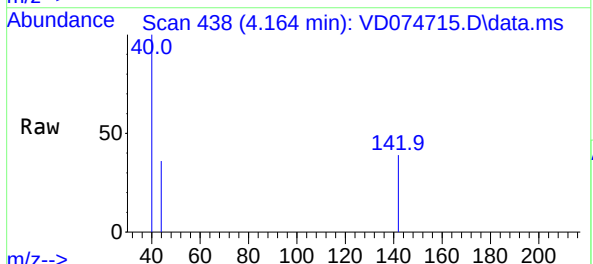
Instrument :
MSVOA_D
ClientSampleId :
TP-B

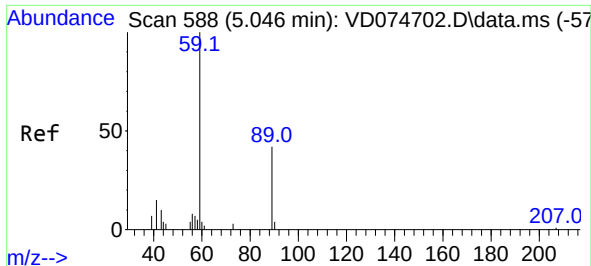
Tgt Ion:168 Resp: 168921
Ion Ratio Lower Upper
168 100
99 49.0 40.9 61.3



#10
Methyl Iodide
Concen: 5.883 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

Tgt Ion:142 Resp: 852
Ion Ratio Lower Upper
142 100
127 8.2 31.9 47.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.016 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD074715.D

Acq: 03 Nov 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

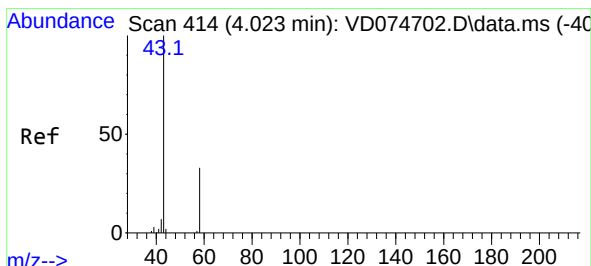
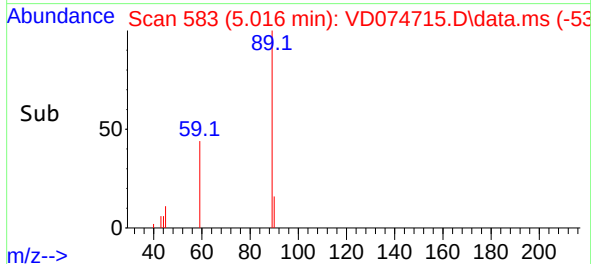
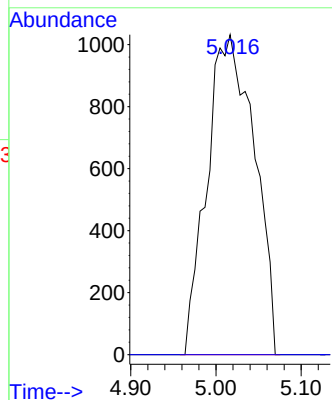
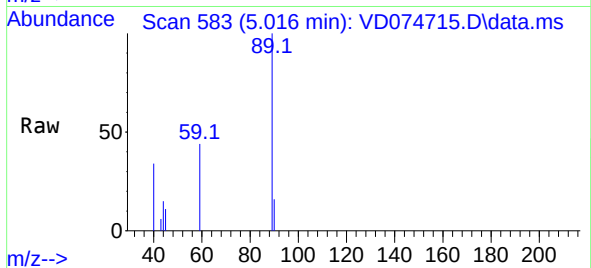
TP-B

Tgt Ion: 59 Resp: 3975

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 4.205 ug/l

RT: 4.028 min Scan# 415

Delta R.T. 0.005 min

Lab File: VD074715.D

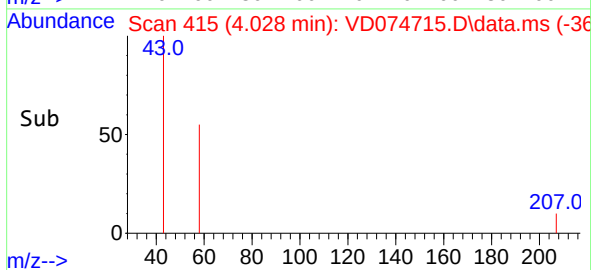
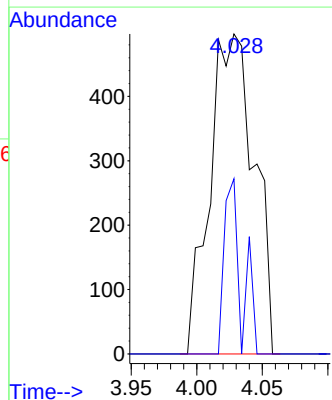
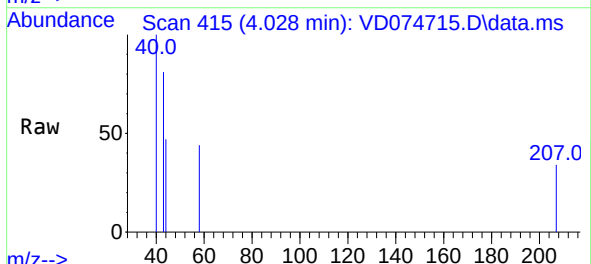
Acq: 03 Nov 2022 15:09

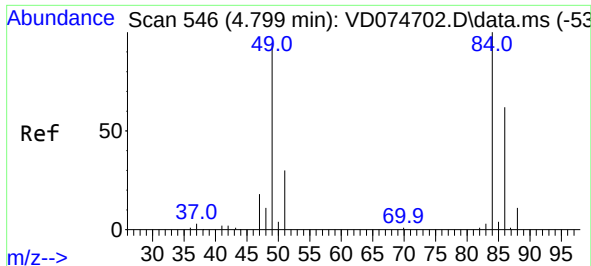
Tgt Ion: 43 Resp: 1174

Ion Ratio Lower Upper

43 100

58 54.7 30.2 45.2#



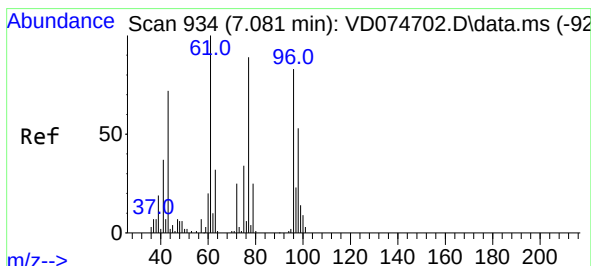
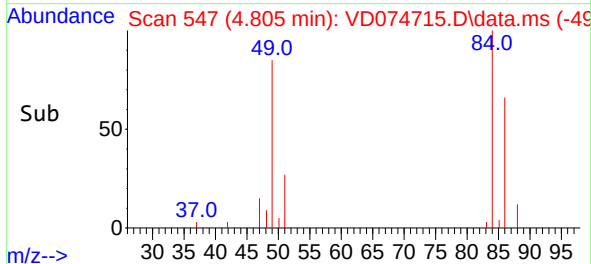
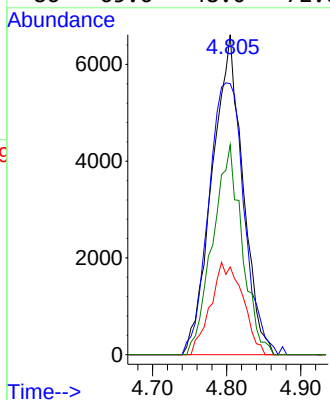
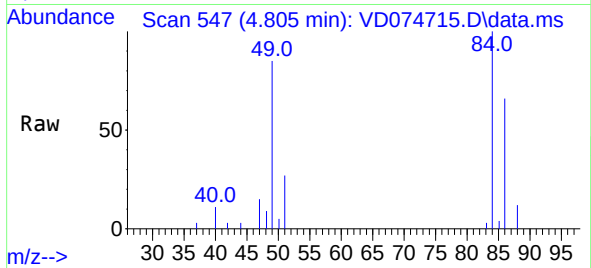


#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :
TP-B

Tgt Ion: 84 Resp: 19004

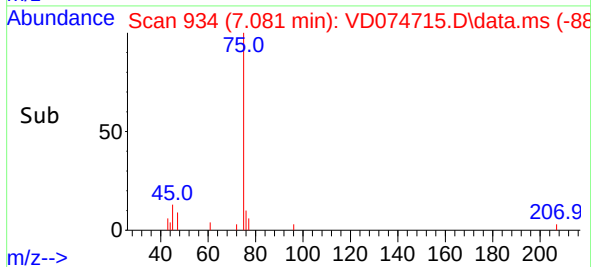
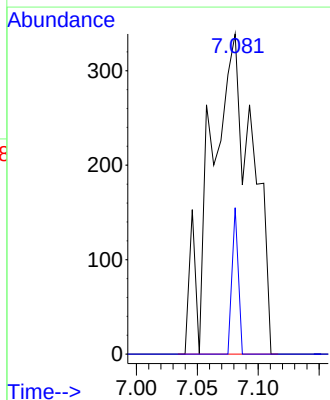
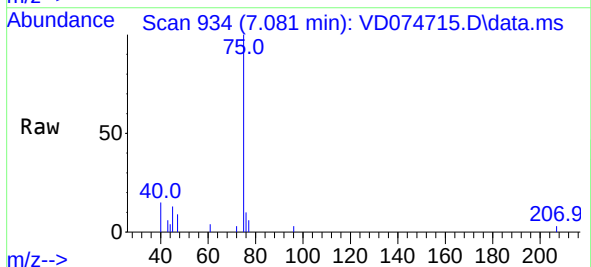
Ion	Ratio	Lower	Upper
84	100		
49	84.7	68.0	102.0
51	27.4	23.2	34.8
86	65.6	48.0	72.0

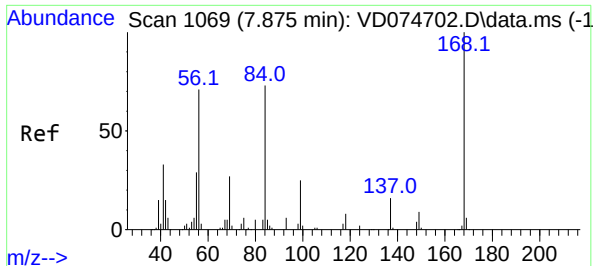


#25
2-Butanone
Concen: 2.097 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

Tgt Ion: 43 Resp: 805

Ion	Ratio	Lower	Upper
43	100		
72	45.7	25.8	38.8





#31

Cyclohexane

Concen: 1.070 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD074715.D

Acq: 03 Nov 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

TP-B

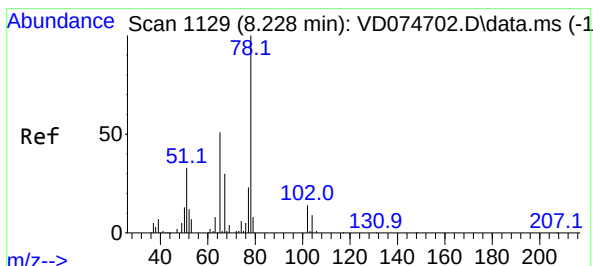
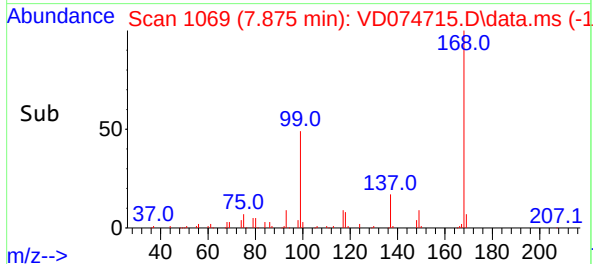
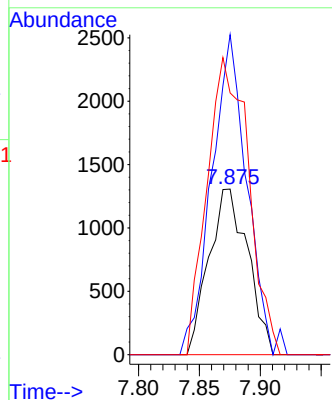
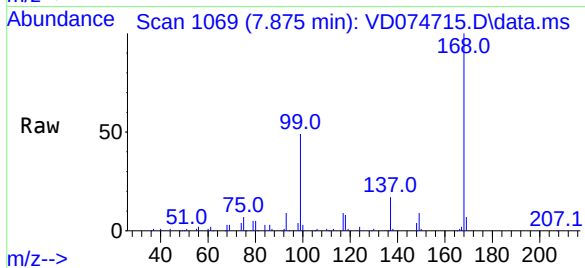
Tgt Ion: 56 Resp: 2899

Ion Ratio Lower Upper

56 100

69 193.3 29.2 43.8#

84 158.2 83.4 125.2#



#33

1,2-Dichloroethane-d4

Concen: 68.421 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074715.D

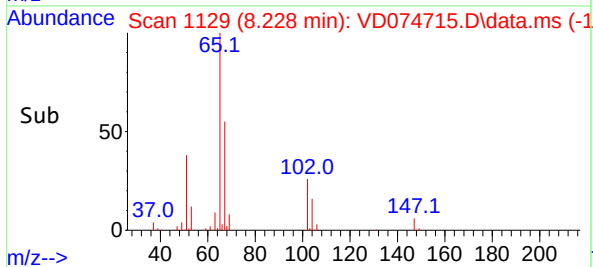
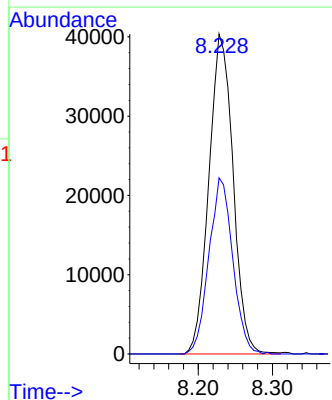
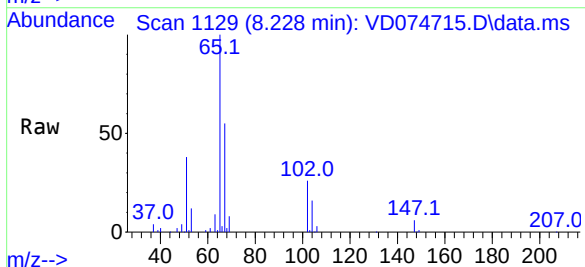
Acq: 03 Nov 2022 15:09

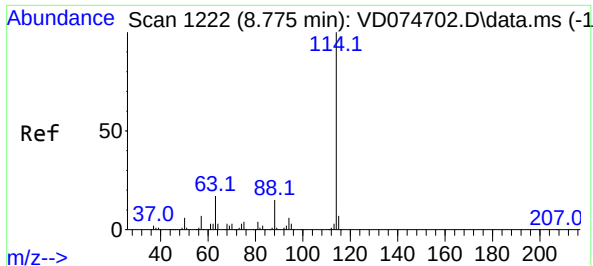
Tgt Ion: 65 Resp: 91539

Ion Ratio Lower Upper

65 100

67 54.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074715.D

Acq: 03 Nov 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

TP-B

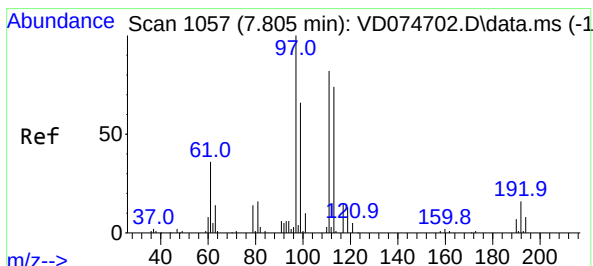
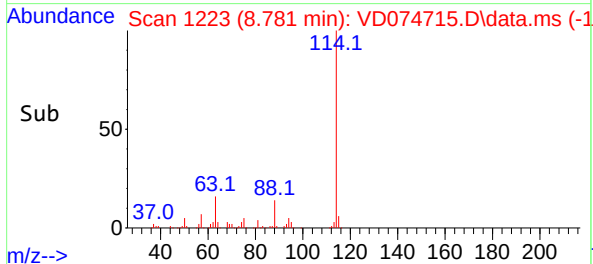
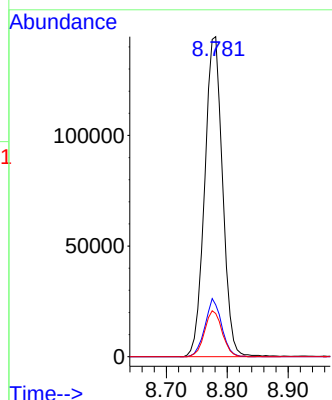
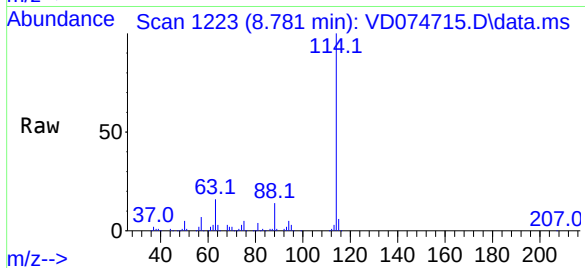
Tgt Ion:114 Resp: 295522

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 13.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 65.787 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074715.D

Acq: 03 Nov 2022 15:09

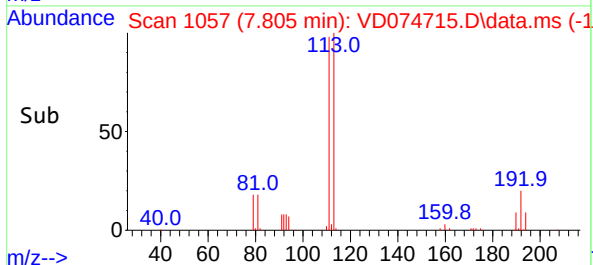
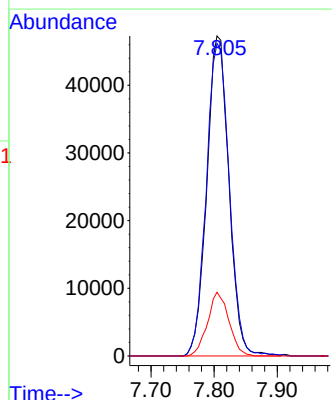
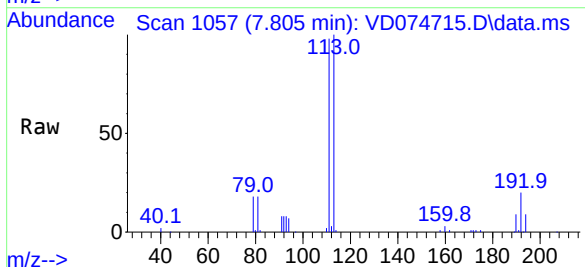
Tgt Ion:113 Resp: 115005

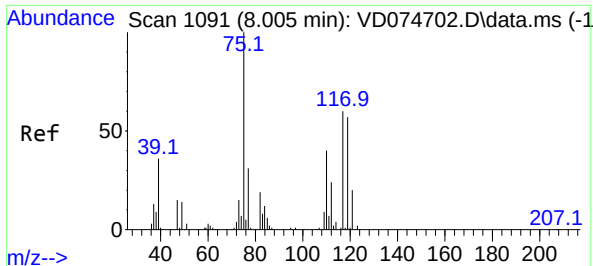
Ion Ratio Lower Upper

113 100

111 101.8 82.3 123.5

192 19.3 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.708 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD074715.D

Acq: 03 Nov 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

TP-B

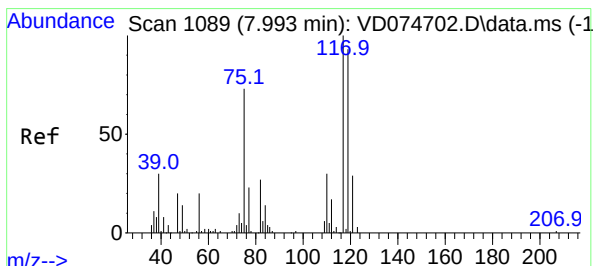
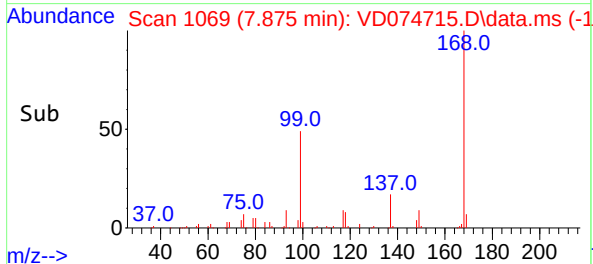
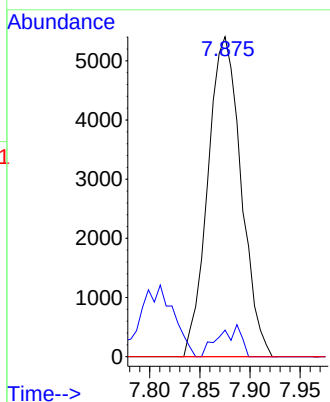
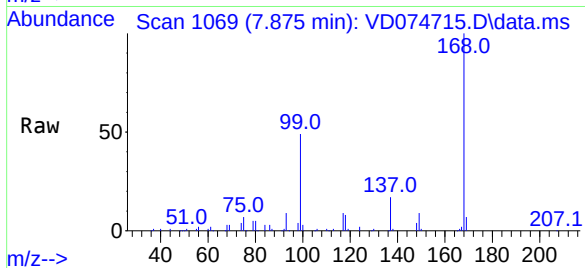
Tgt Ion: 75 Resp: 12492

Ion Ratio Lower Upper

75 100

110 6.7 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.237 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD074715.D

Acq: 03 Nov 2022 15:09

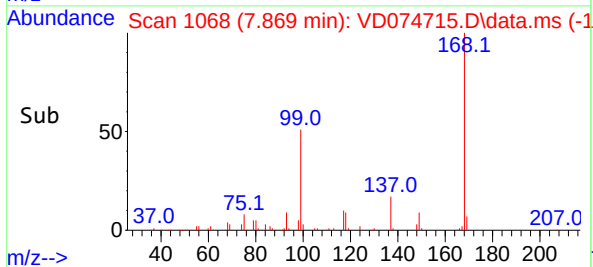
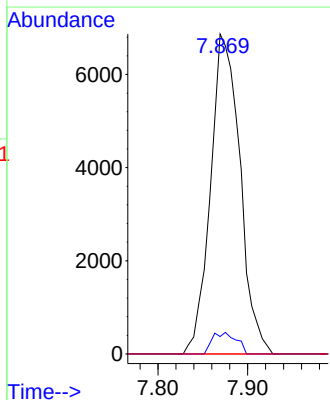
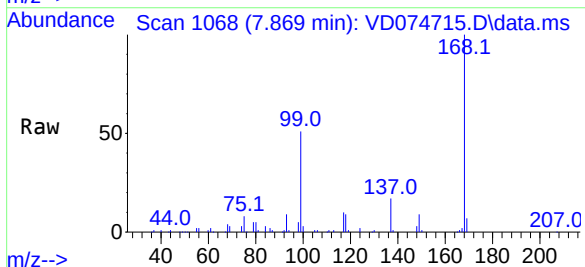
Tgt Ion: 117 Resp: 15680

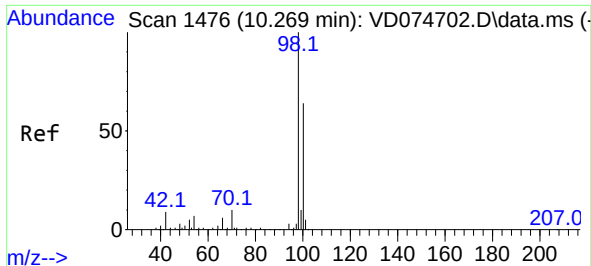
Ion Ratio Lower Upper

117 100

119 5.4 73.1 109.7#

121 0.0 25.0 37.6#

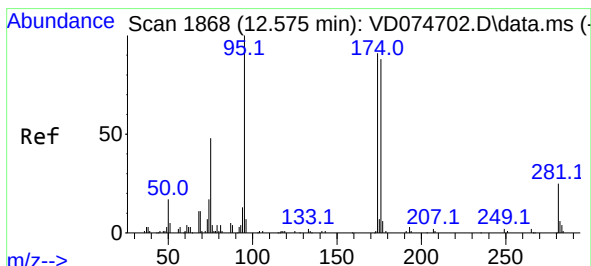
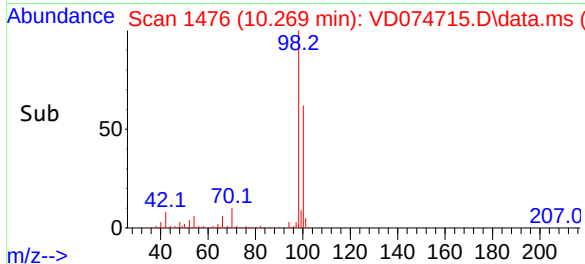
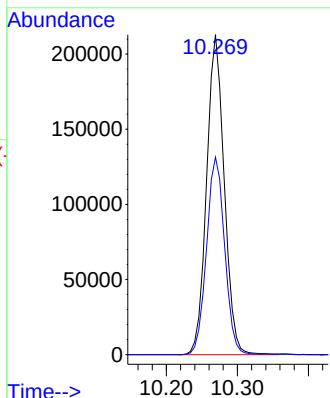
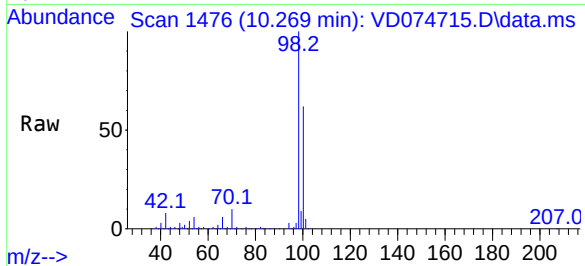




#50
Toluene-d8
Concen: 57.644 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

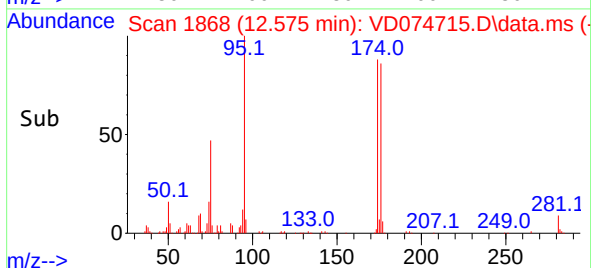
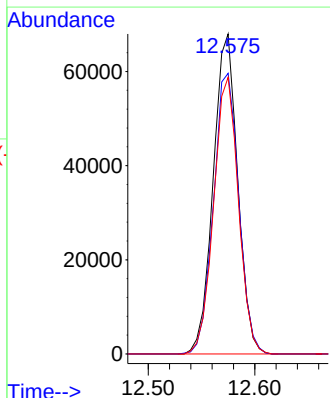
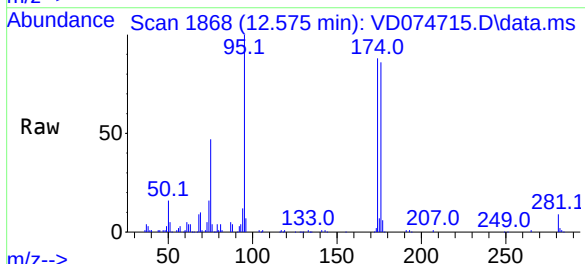
Instrument :
MSVOA_D
ClientSampleId :
TP-B

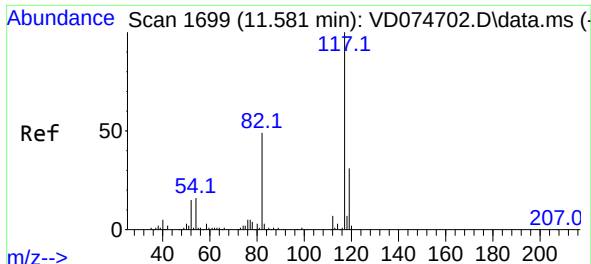
Tgt Ion: 98 Resp: 367575
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 58.850 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

Tgt Ion: 95 Resp: 108352
Ion Ratio Lower Upper
95 100
174 90.6 0.0 197.0
176 87.3 0.0 182.6

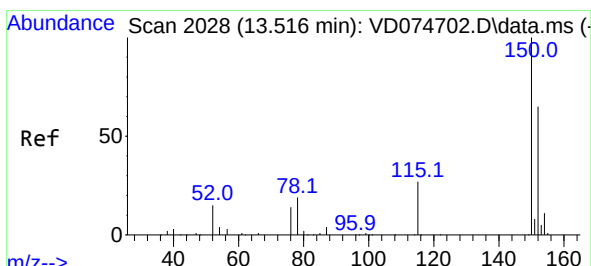
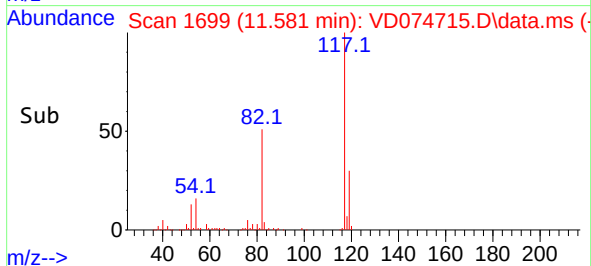
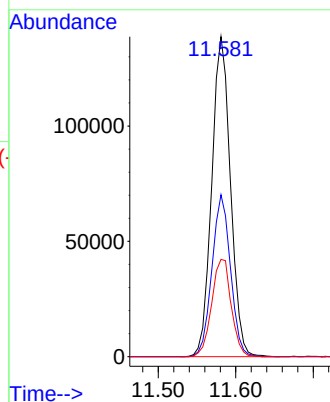
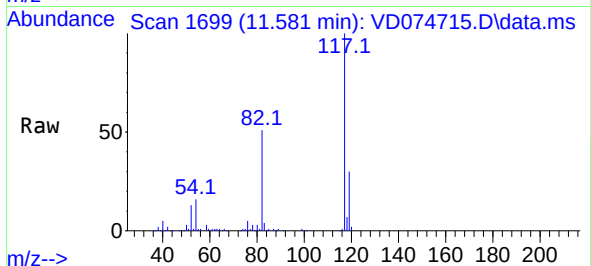




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

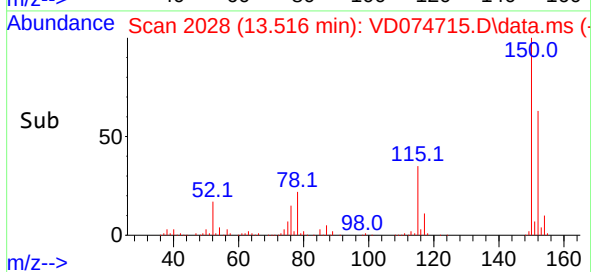
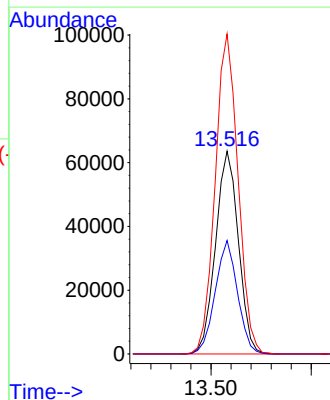
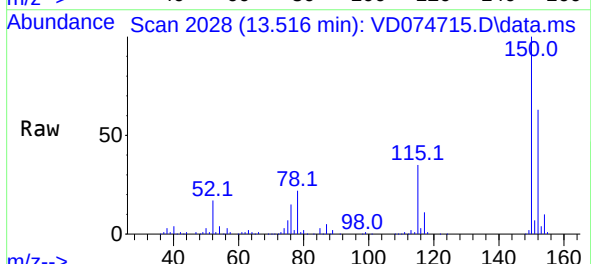
Instrument :
MSVOA_D
ClientSampleId :
TP-B

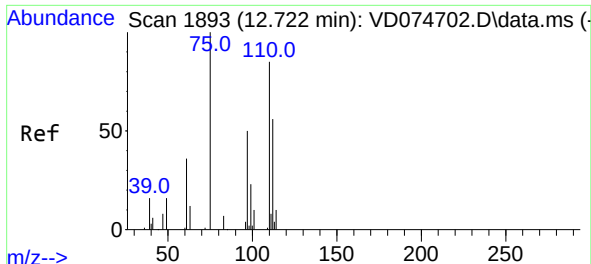
Tgt Ion:	117	Resp:	232905
Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.6	62.4
119	30.4	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

Tgt Ion:	152	Resp:	100582
Ion	Ratio	Lower	Upper
152	100		
115	54.6	26.8	80.4
150	157.7	0.0	348.2

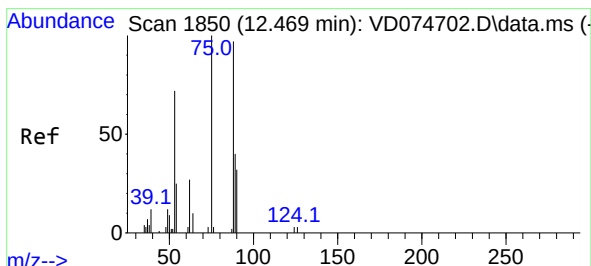
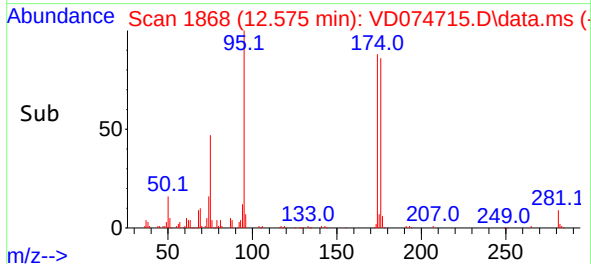
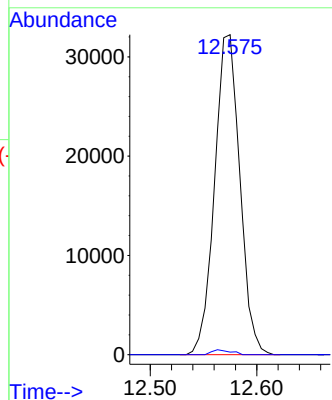
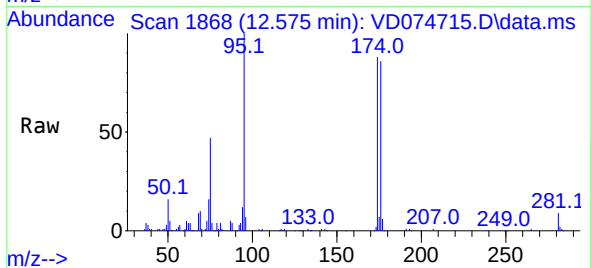




#76
1,2,3-Trichloropropane
Concen: 67.976 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :
TP-B

Tgt Ion: 75 Resp: 53002
Ion Ratio Lower Upper
75 100
77 1.2 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 161.358 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074715.D
Acq: 03 Nov 2022 15:09

Tgt Ion: 75 Resp: 53002
Ion Ratio Lower Upper
75 100
53 0.1 63.8 95.6#
89 0.0 38.2 57.4#

