

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076363.D
 Acq On : 07 Jun 2023 19:49
 Operator : KP/SY
 Sample : 03047-01RE
 Misc : 5.01/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB32ARE

Quant Time: Jun 08 01:19:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

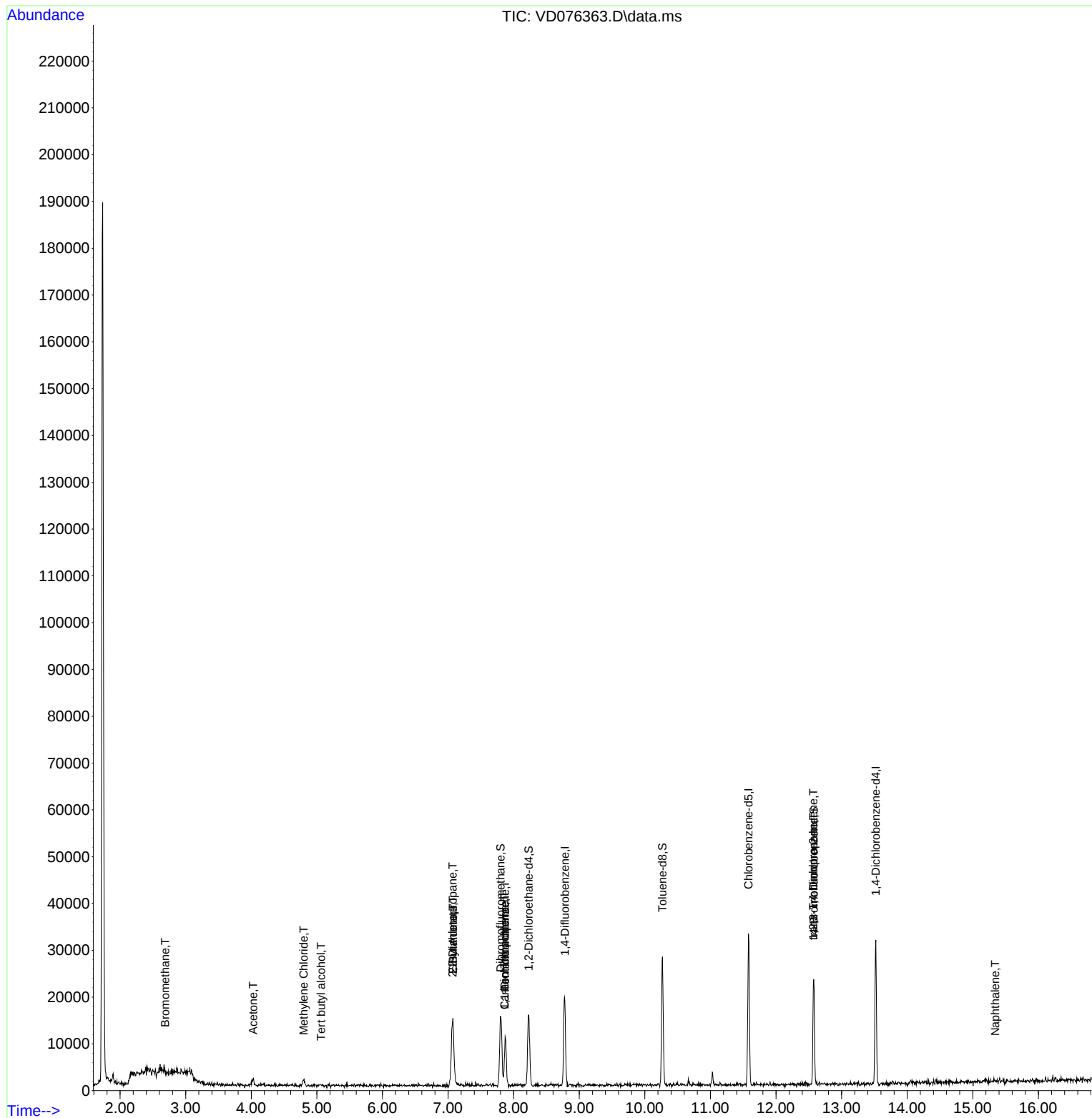
Internal Standards						
1) Pentafluorobenzene	7.869	168	9036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	20110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	21130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	10428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	12779	157.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	315.680%#
35) Dibromofluoromethane	7.799	113	12032	94.231	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	188.460%#
50) Toluene-d8	10.269	98	20946	41.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.400%
62) 4-Bromofluorobenzene	12.575	95	7683	57.107	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.220%
Target Compounds						
						Qvalue
5) Bromomethane	2.687	94	156	1.090	ug/l	84
11) Tert butyl alcohol	5.063	59	79	17.459	ug/l #	73
16) Acetone	4.028	43	2236	150.783	ug/l #	86
20) Methylene Chloride	4.799	84	908	3.315	ug/l #	81
25) 2-Butanone	7.075	43	274	13.344	ug/l #	37
26) 2,2-Dichloropropane	7.069	77	653	4.441	ug/l #	49
36) 1,1-Dichloropropene	7.863	75	443	2.415	ug/l #	39
37) Ethyl Acetate	7.075	43	274	4.527	ug/l #	1
38) Carbon Tetrachloride	7.863	117	620	3.855	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	3640	37.394	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	3640	89.561	ug/l #	17
95) Naphthalene	15.339	128	168	3.714	ug/l #	69

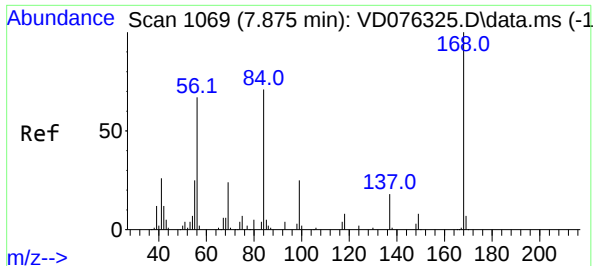
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration

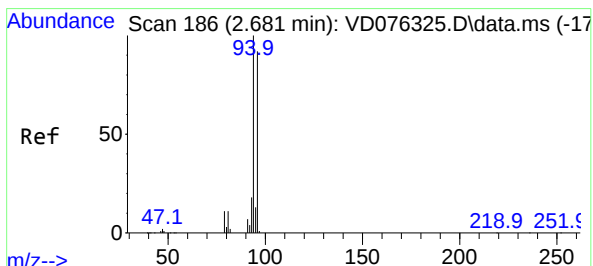
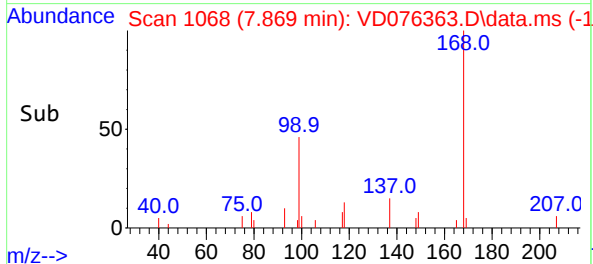
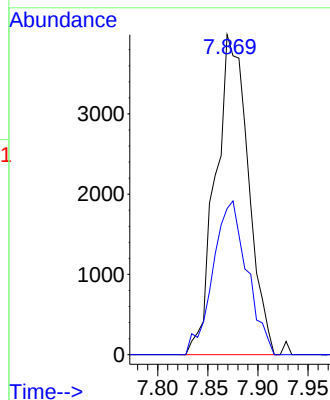
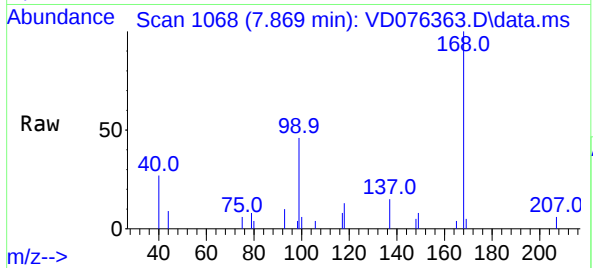




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

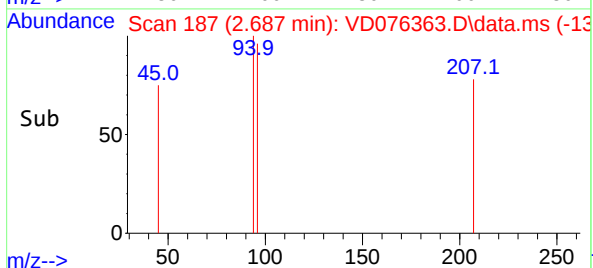
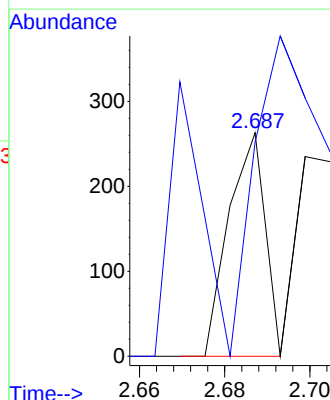
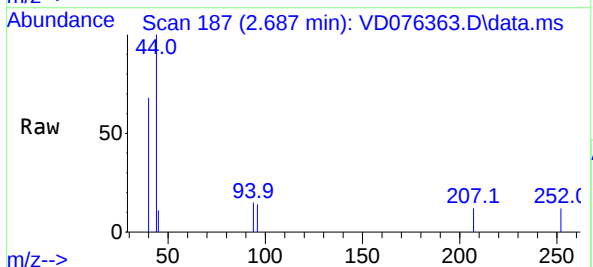
Instrument :
MSVOA_D
ClientSampleId :
SB32ARE

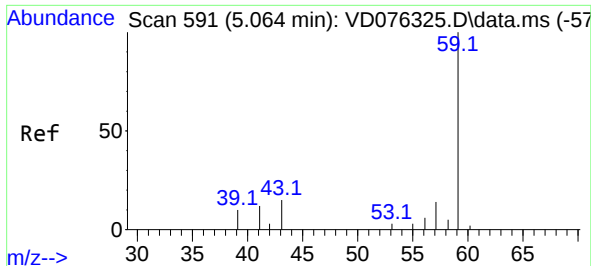
Tgt Ion:168 Resp: 9036
Ion Ratio Lower Upper
168 100
99 45.7 36.7 55.1



#5
Bromomethane
Concen: 1.090 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Tgt Ion: 94 Resp: 156
Ion Ratio Lower Upper
94 100
96 110.3 75.8 113.8

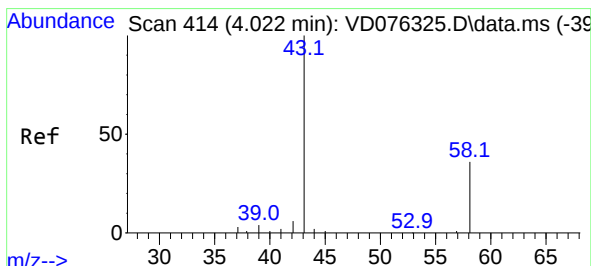
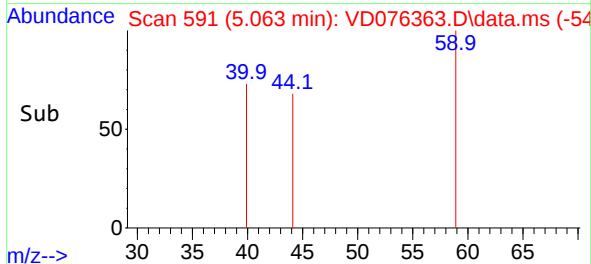
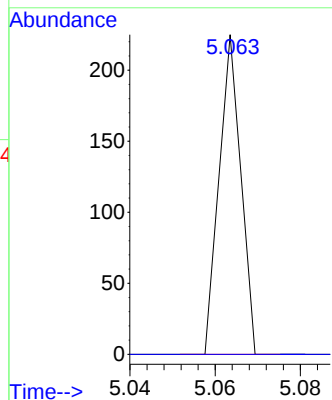
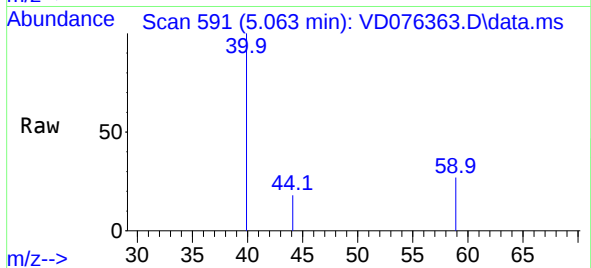




#11
Tert butyl alcohol
Concen: 17.459 ug/l
RT: 5.063 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

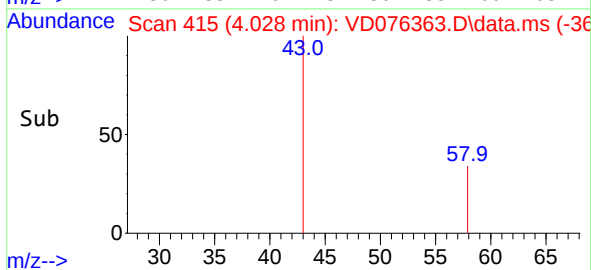
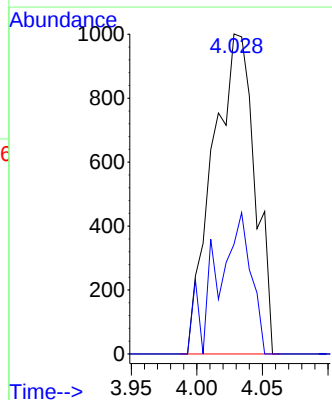
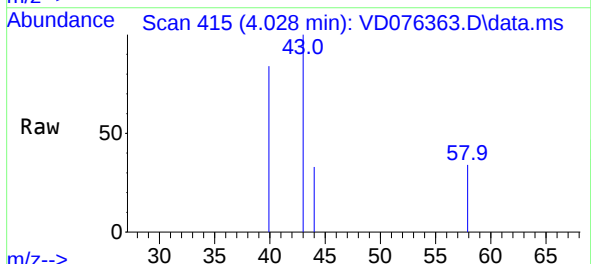
Instrument :
MSVOA_D
ClientSampleId :
SB32ARE

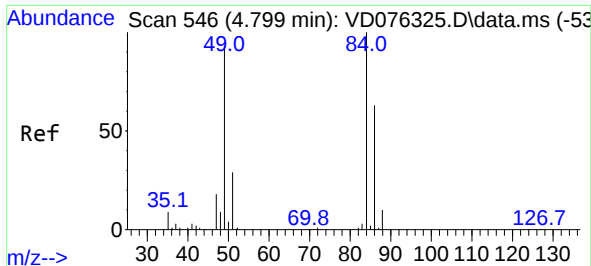
Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 150.783 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Tgt Ion: 43 Resp: 2236
Ion Ratio Lower Upper
43 100
58 34.3 34.7 52.1#

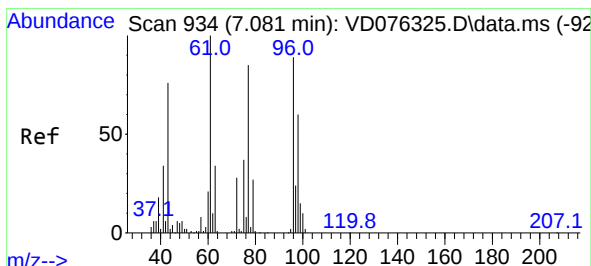
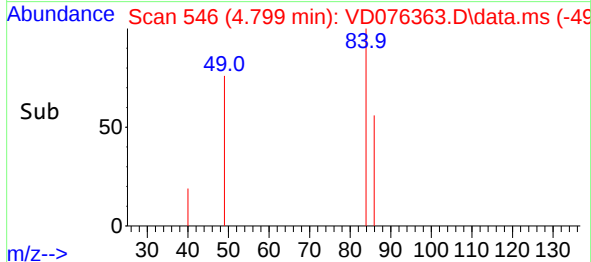
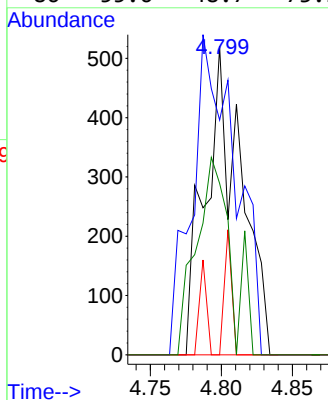
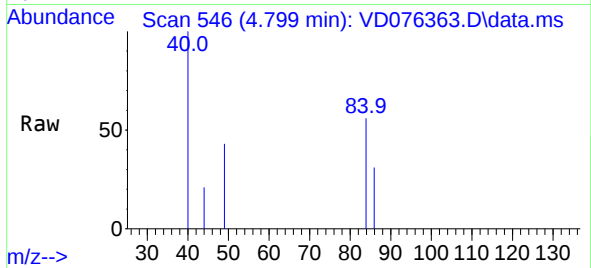




#20
Methylene Chloride
Concen: 3.315 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

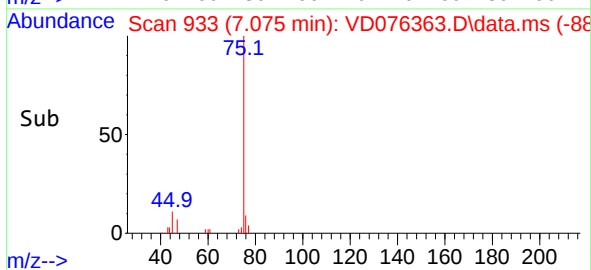
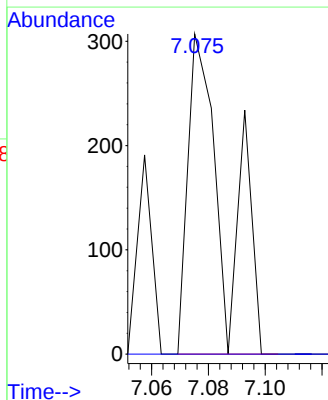
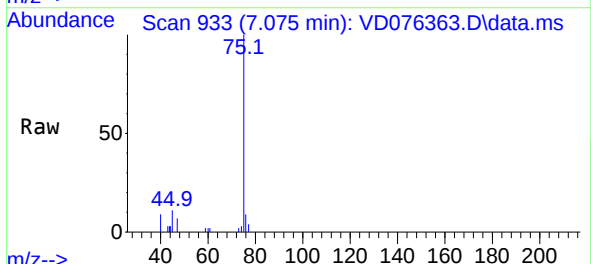
Instrument :
MSVOA_D
ClientSampleId :
SB32ARE

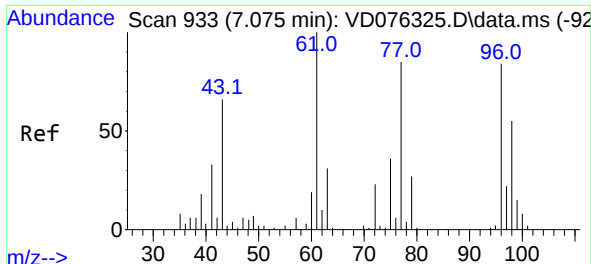
Tgt Ion:	84	Resp:	908
Ion	Ratio	Lower	Upper
84	100		
49	76.2	71.4	107.2
51	0.0	24.5	36.7#
86	55.6	48.7	73.1



#25
2-Butanone
Concen: 13.344 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Tgt Ion:	43	Resp:	274
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

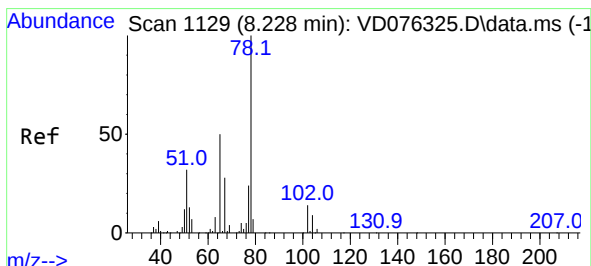
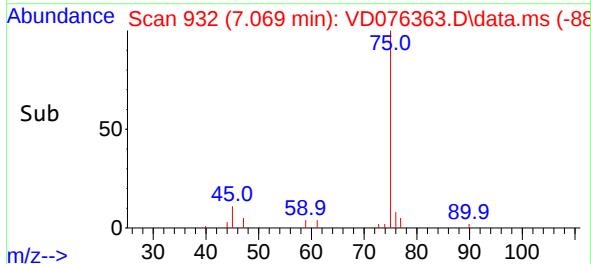
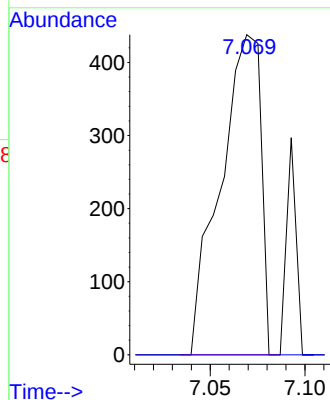
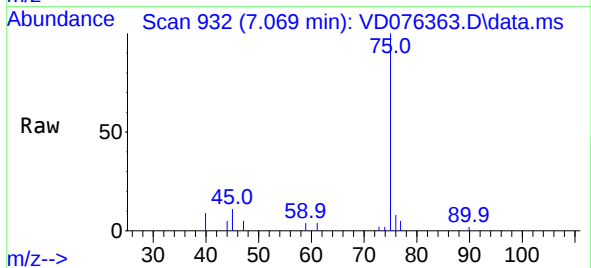




#26
2,2-Dichloropropane
Concen: 4.441 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

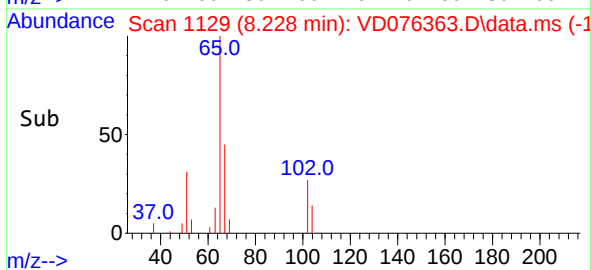
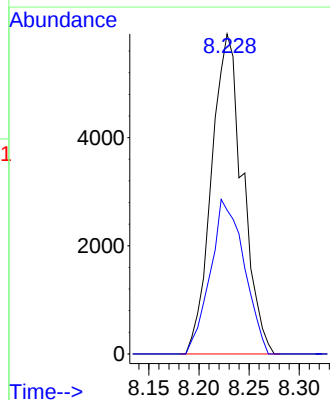
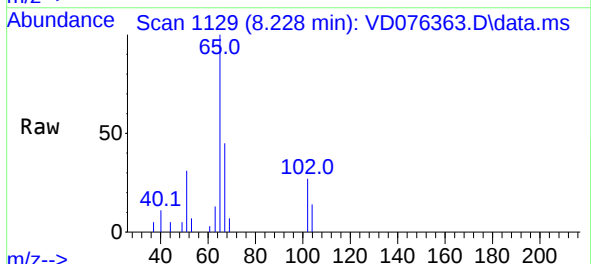
Instrument :
MSVOA_D
ClientSampleId :
SB32ARE

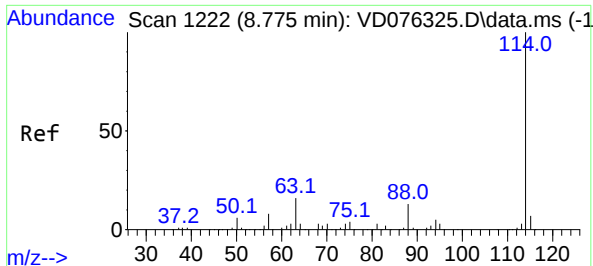
Tgt Ion: 77 Resp: 653
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#33
1,2-Dichloroethane-d4
Concen: 157.839 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Tgt Ion: 65 Resp: 12779
Ion Ratio Lower Upper
65 100
67 52.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076363.D

Acq: 07 Jun 2023 19:49

Instrument :

MSVOA_D

ClientSampleId :

SB32ARE

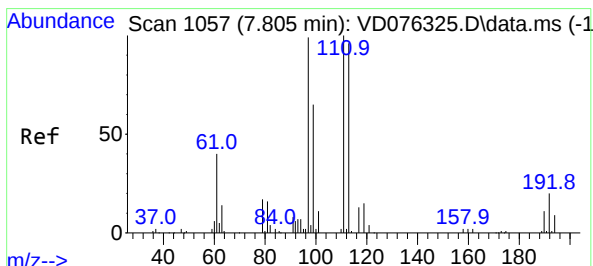
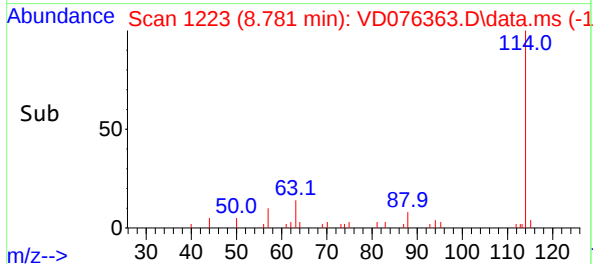
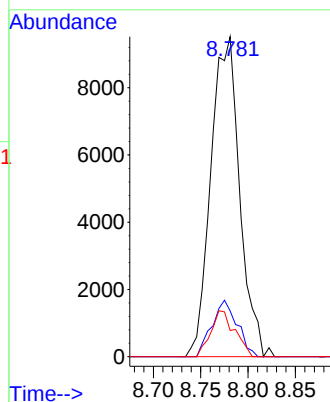
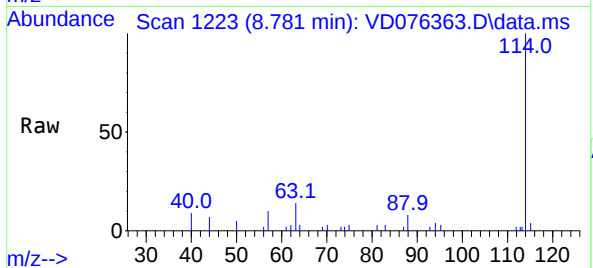
Tgt Ion:114 Resp: 20110

Ion Ratio Lower Upper

114 100

63 14.3 0.0 33.4

88 8.2 0.0 26.2



#35

Dibromofluoromethane

Concen: 94.231 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076363.D

Acq: 07 Jun 2023 19:49

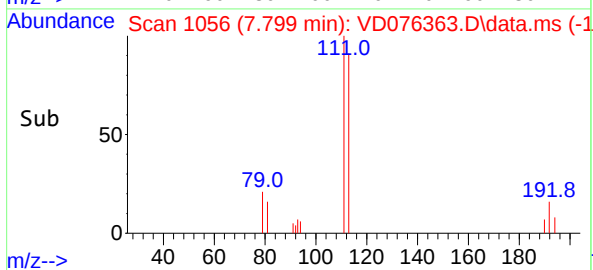
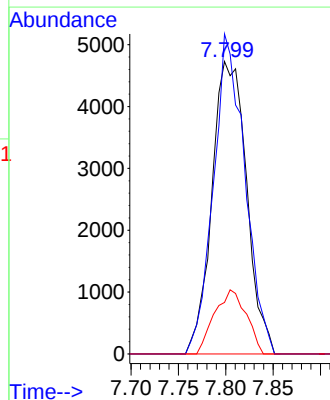
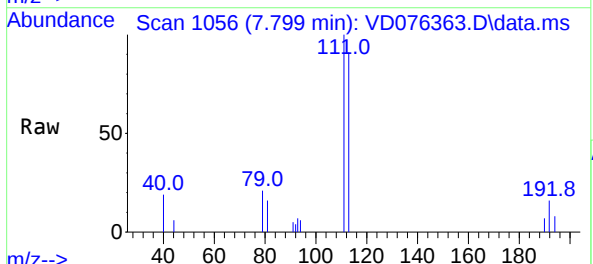
Tgt Ion:113 Resp: 12032

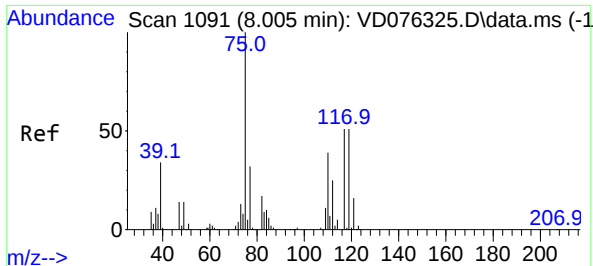
Ion Ratio Lower Upper

113 100

111 99.4 84.7 127.1

192 20.1 16.8 25.2



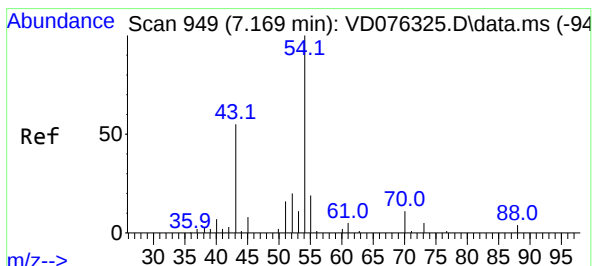
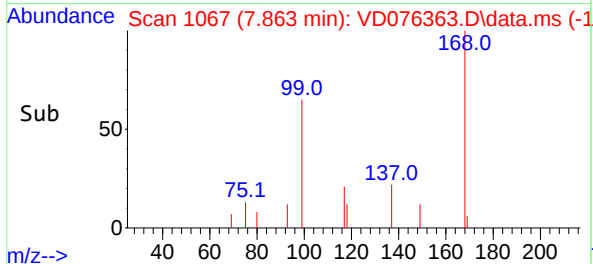
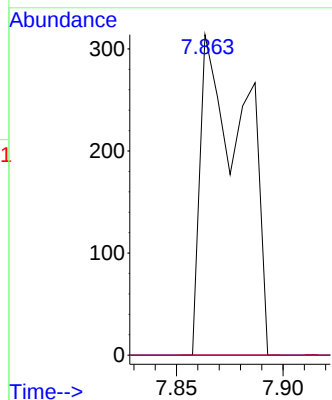
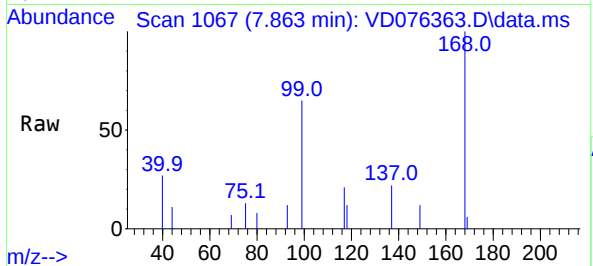


#36
1,1-Dichloropropene
Concen: 2.415 ug/l
RT: 7.863 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Instrument :
MSVOA_D
ClientSampleId :
SB32ARE

Tgt Ion: 75 Resp: 443

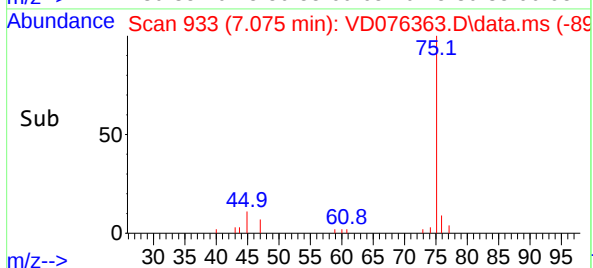
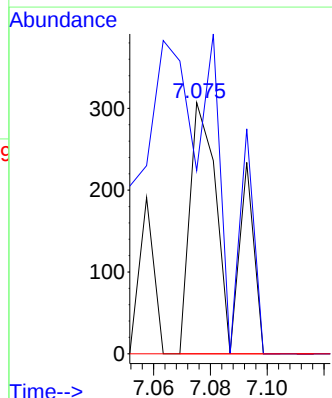
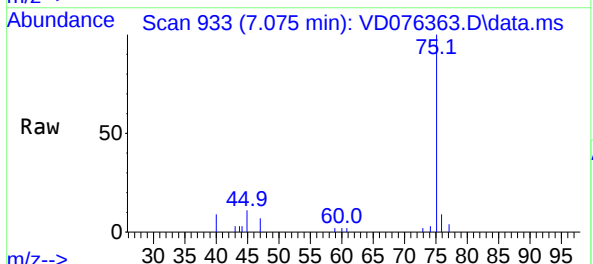
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.6#
77	0.0	24.7	37.1#

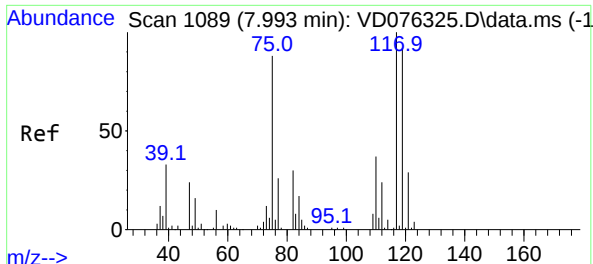


#37
Ethyl Acetate
Concen: 4.527 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.094 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Tgt Ion: 43 Resp: 274

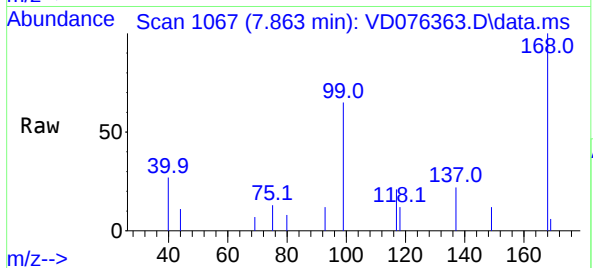
Ion	Ratio	Lower	Upper
43	100		
61	266.1	14.9	22.3#
70	0.0	10.0	15.0#



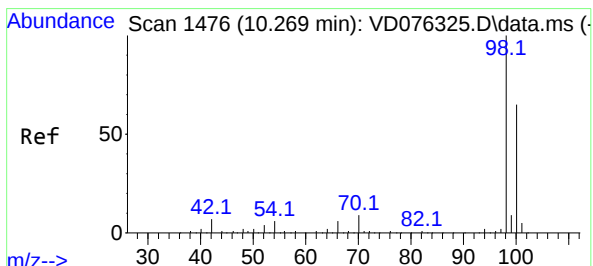
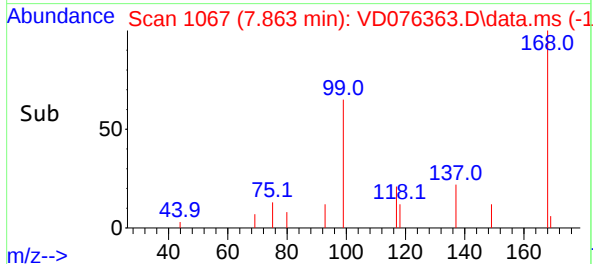
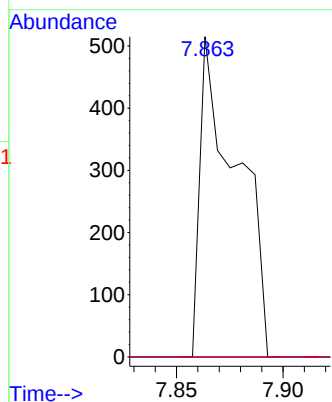


#38
Carbon Tetrachloride
Concen: 3.855 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Instrument :
MSVOA_D
ClientSampleId :
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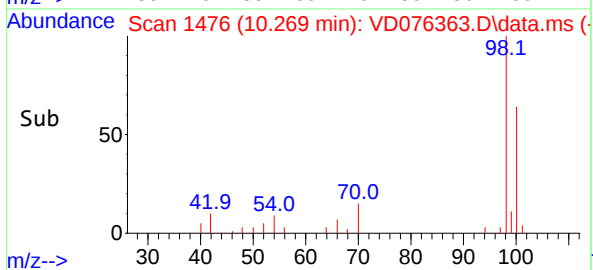
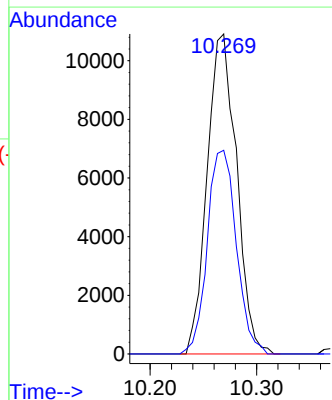
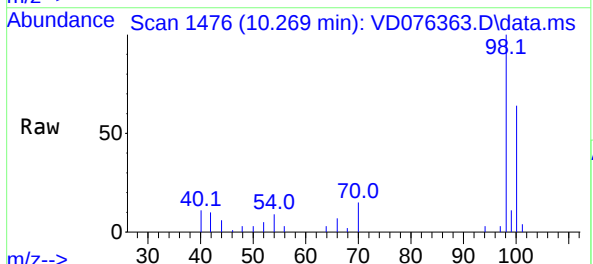


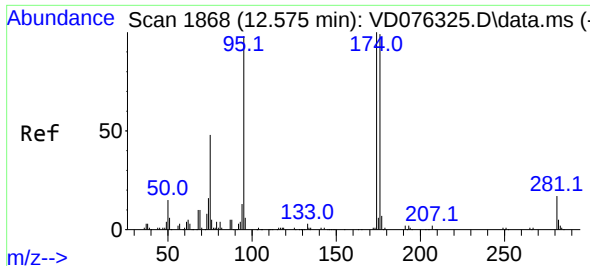
Tgt Ion:117 Resp: 620
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 41.202 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Tgt Ion: 98 Resp: 20946
Ion Ratio Lower Upper
98 100
100 62.8 50.3 75.5



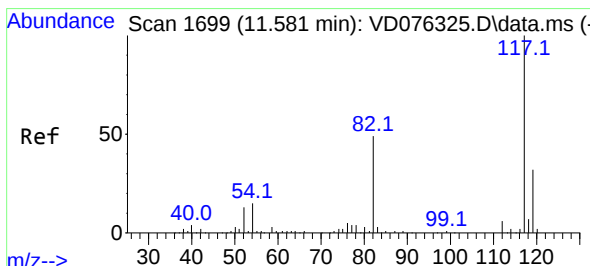
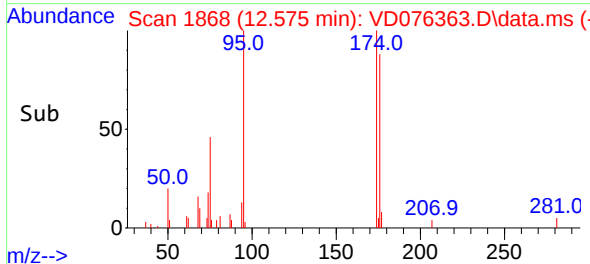
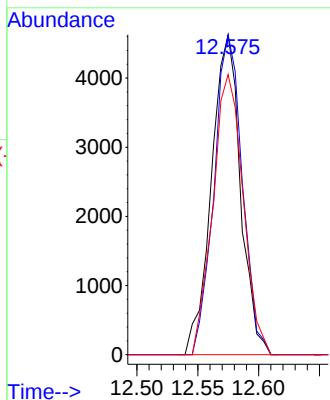
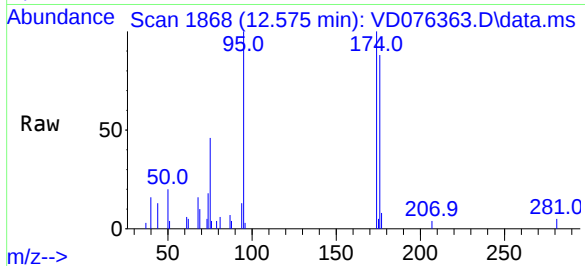


#62
4-Bromofluorobenzene
Concen: 57.107 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Instrument :
MSVOA_D
ClientSampleId :
SB32ARE

Tgt Ion: 95 Resp: 7683

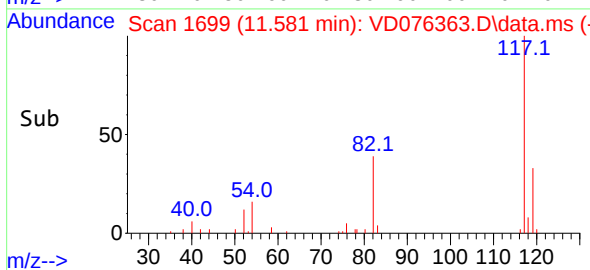
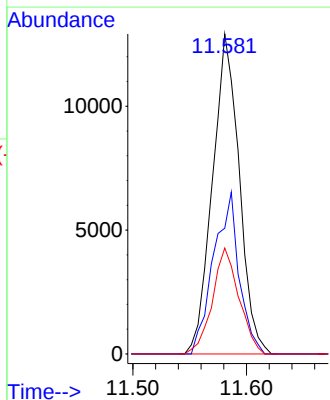
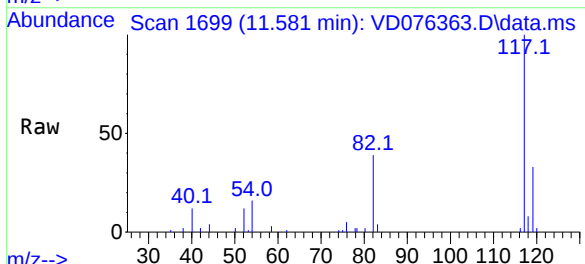
Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	201.8
176	91.1	0.0	191.8

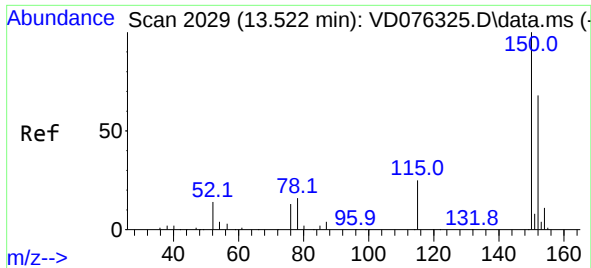


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Tgt Ion: 117 Resp: 21130

Ion	Ratio	Lower	Upper
117	100		
82	39.3	38.3	57.5
119	33.1	25.0	37.4

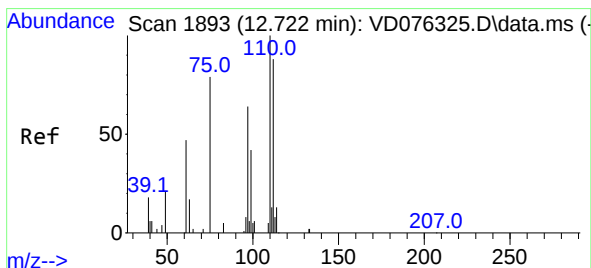
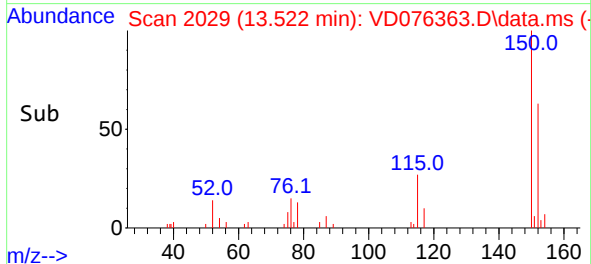
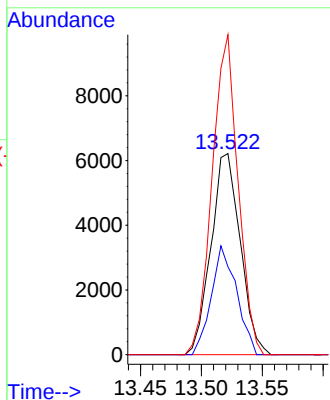
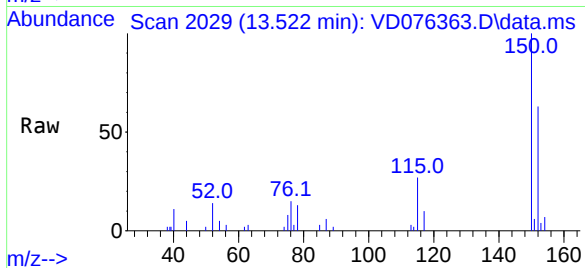




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD076363.D
 Acq: 07 Jun 2023 19:49

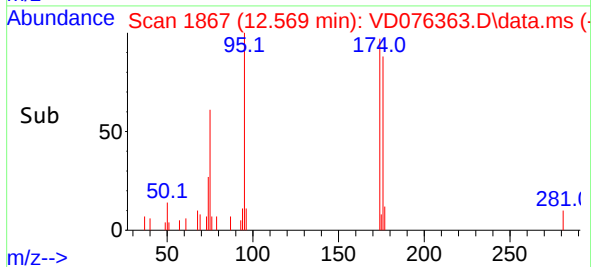
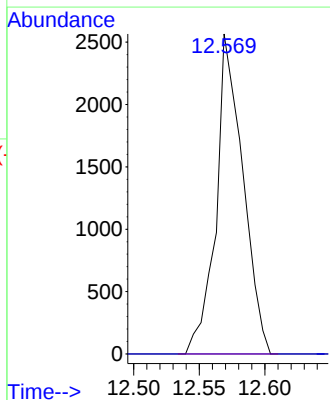
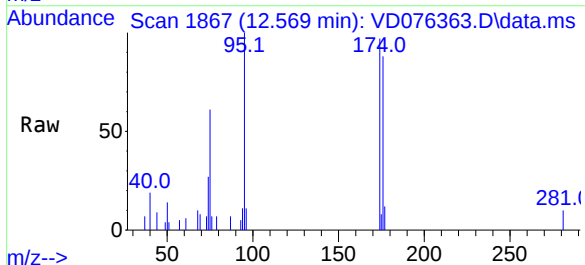
Instrument :
 MSVOA_D
 ClientSampleId :
 SB32ARE

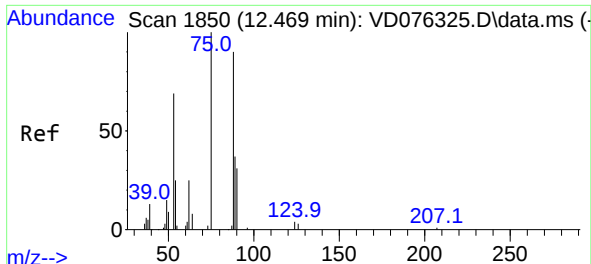
Tgt Ion:152 Resp: 10428
 Ion Ratio Lower Upper
 152 100
 115 46.7 27.1 81.3
 150 140.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 37.394 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD076363.D
 Acq: 07 Jun 2023 19:49

Tgt Ion: 75 Resp: 3640
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

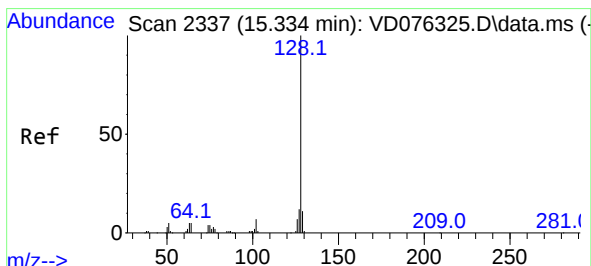
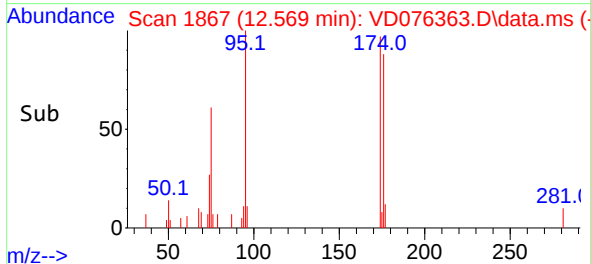
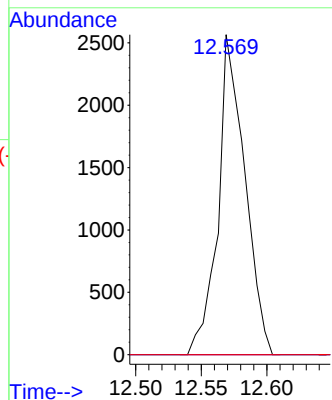
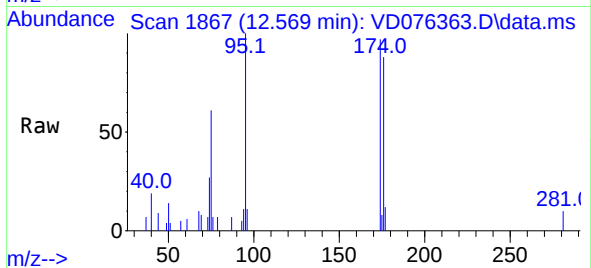




#81
trans-1,4-Dichloro-2-butene
Concen: 89.561 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Instrument :
MSVOA_D
ClientSampleId :
SB32ARE

Tgt Ion: 75 Resp: 3640
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.714 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.005 min
Lab File: VD076363.D
Acq: 07 Jun 2023 19:49

Tgt Ion:128 Resp: 168
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

