

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078390.D
 Acq On : 09 Feb 2024 17:27
 Operator : RP/MD
 Sample : P1394-05RE
 Misc : 5.88G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-020624RE

Quant Time: Feb 09 23:02:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

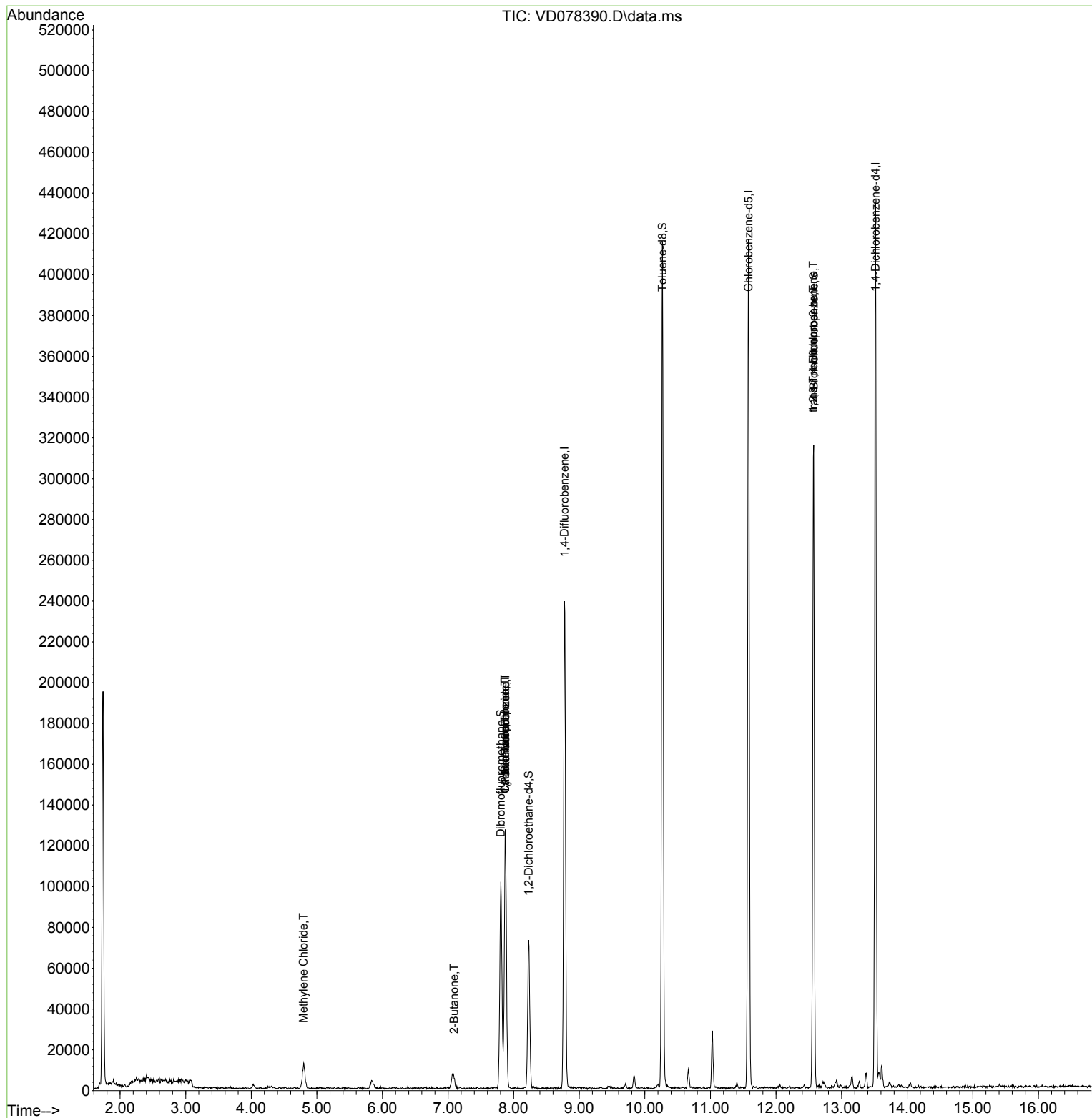
Internal Standards						
1) Pentafluorobenzene	7.875	168	93268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	209542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	233864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55477	48.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.100%
35) Dibromofluoromethane	7.804	113	71194	47.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.269	98	285587	50.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.575	95	95263	56.322	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.640%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	2706	Below Cal		98
20) Methylene Chloride	4.793	84	8998	3.811	ug/l	93
25) 2-Butanone	7.093	43	1676	4.356	ug/l #	37
31) Cyclohexane	7.869	56	2482	1.148	ug/l #	65
36) 1,1-Dichloropropene	7.869	75	7989	3.229	ug/l #	48
38) Carbon Tetrachloride	7.869	117	9750	4.008	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	50402	43.406	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	50402	86.327	ug/l #	17

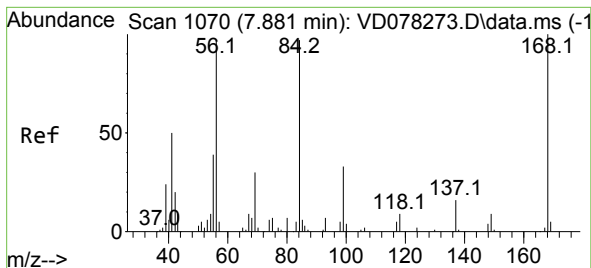
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD078390.D
Data File : VD078390.D
Acq On : 09 Feb 2024 17:27
Operator : RP/MD
Sample : P1394-05RE
Misc : 5.88G/5ml/MSVOA_D/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DUP-020624RE

Quant Time: Feb 09 23:02:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078390.D

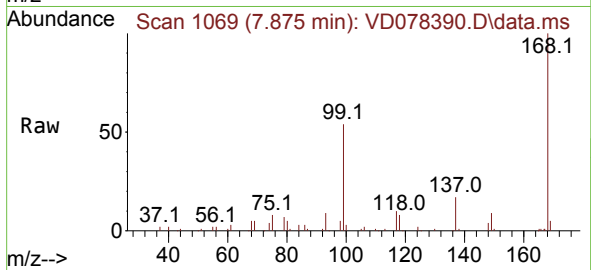
Acq: 09 Feb 2024 17:27

Instrument :

MSVOA_D

ClientSampleId :

DUP-020624RE

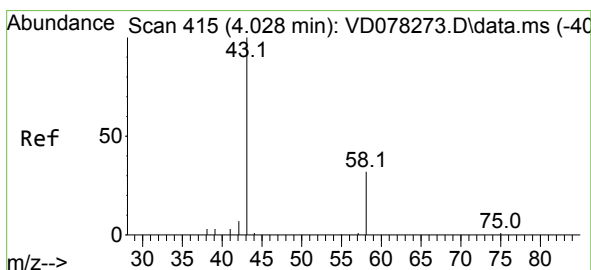
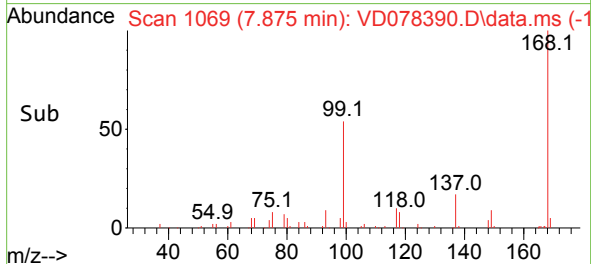
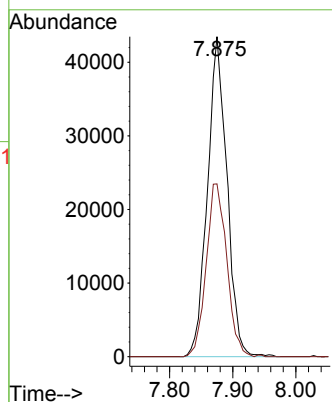


Tgt Ion:168 Resp: 93268

Ion Ratio Lower Upper

168 100

99 54.0 36.7 55.1



#16

Acetone

Concen: Below Cal

RT: 4.034 min Scan# 416

Delta R.T. 0.006 min

Lab File: VD078390.D

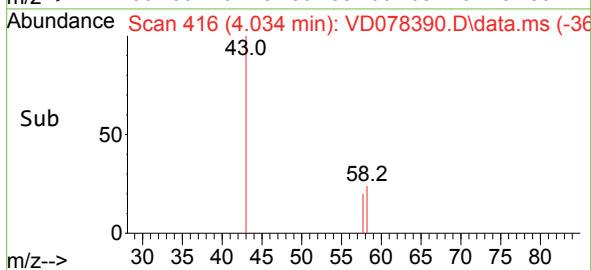
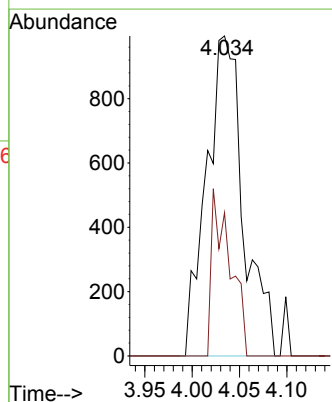
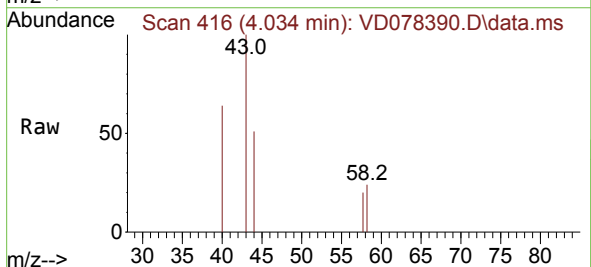
Acq: 09 Feb 2024 17:27

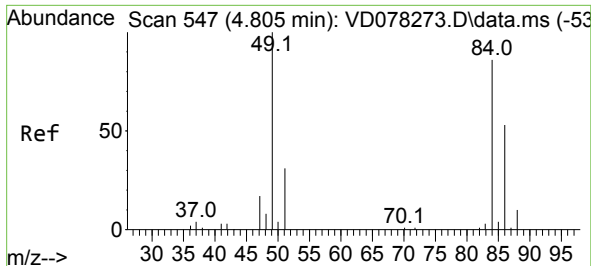
Tgt Ion: 43 Resp: 2706

Ion Ratio Lower Upper

43 100

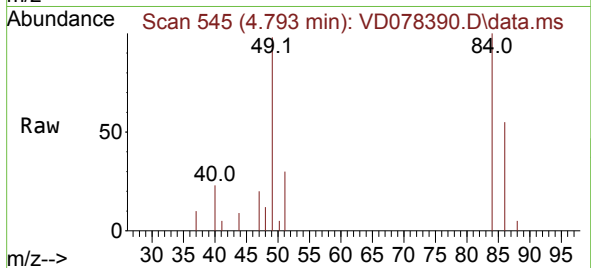
58 44.7 34.7 52.1



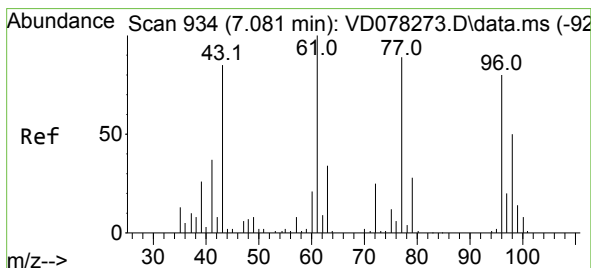
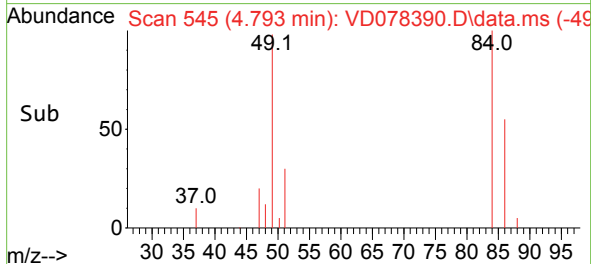
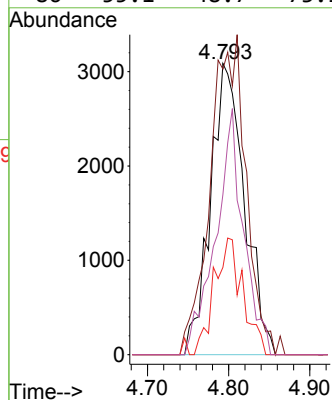


#20
Methylene Chloride
Concen: 3.811 ug/l
RT: 4.793 min Scan# 547
Delta R.T. -0.012 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

Instrument :
MSVOA_D
ClientSampleId :
DUP-020624RE

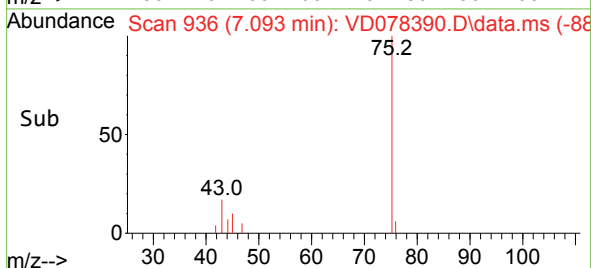
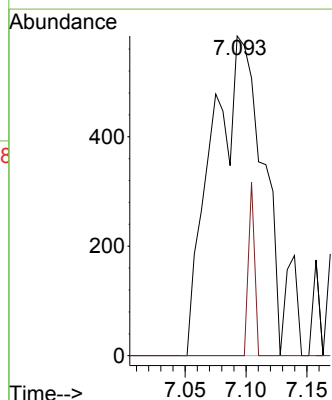
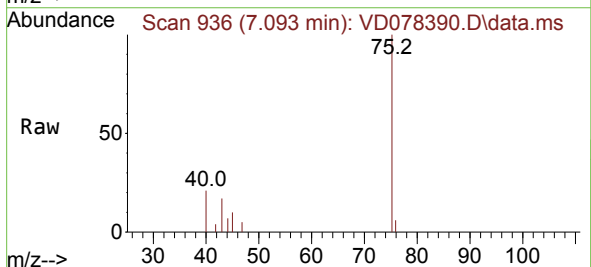


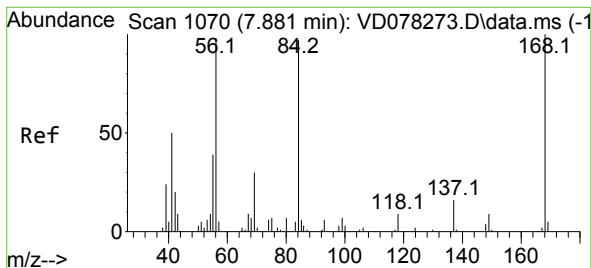
Tgt Ion: 84	Resp:	8998
Ion	Ratio	Lower Upper
84	100	
49	98.1	71.4 107.2
51	30.0	24.5 36.7
86	55.1	48.7 73.1



#25
2-Butanone
Concen: 4.356 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

Tgt Ion: 43	Resp:	1676
Ion	Ratio	Lower Upper
43	100	
72	0.0	30.7 46.1#





#31

Cyclohexane

Concen: 1.148 ug/l

RT: 7.869 min Scan# 1108

Delta R.T. -0.012 min

Lab File: VD078390.D

Acq: 09 Feb 2024 17:27

Instrument :

MSVOA_D

ClientSampleId :

DUP-020624RE

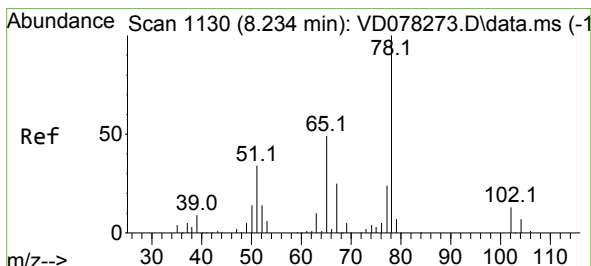
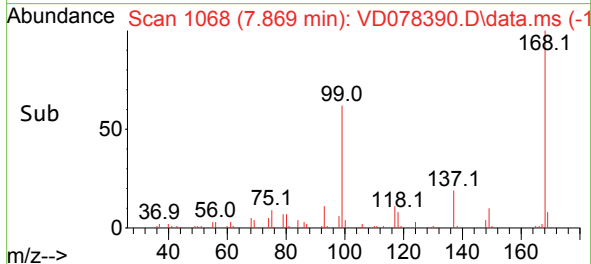
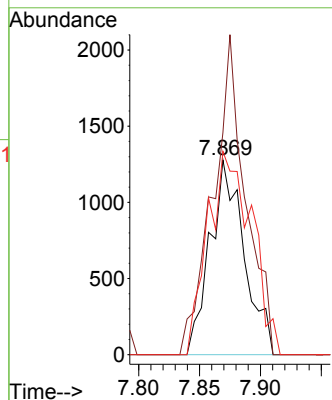
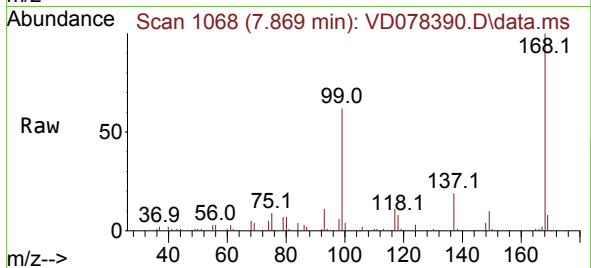
Tgt Ion: 56 Resp: 2482

Ion Ratio Lower Upper

56 100

69 114.0 28.6 43.0#

84 104.4 84.8 127.2



#33

1,2-Dichloroethane-d4

Concen: 48.049 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078390.D

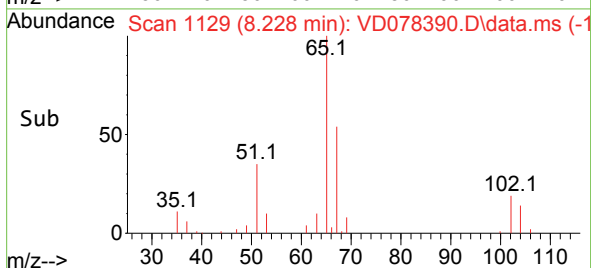
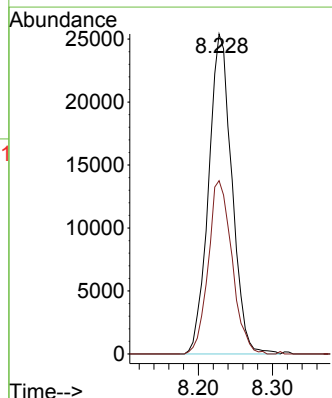
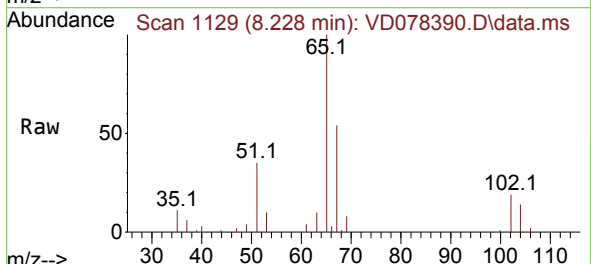
Acq: 09 Feb 2024 17:27

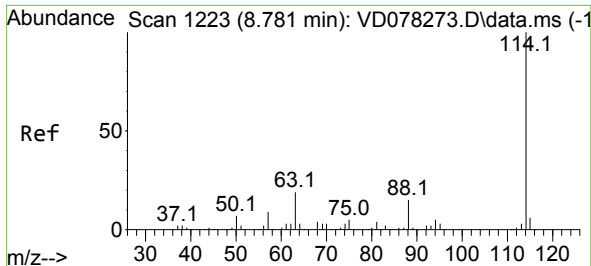
Tgt Ion: 65 Resp: 55477

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078390.D

Acq: 09 Feb 2024 17:27

Instrument :

MSVOA_D

ClientSampleId :

DUP-020624RE

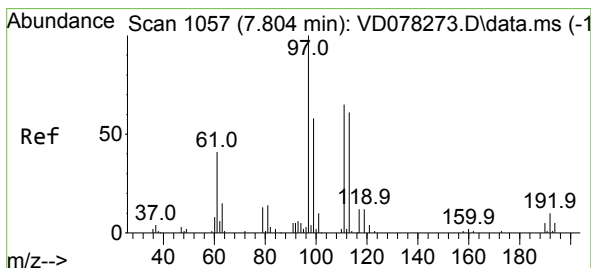
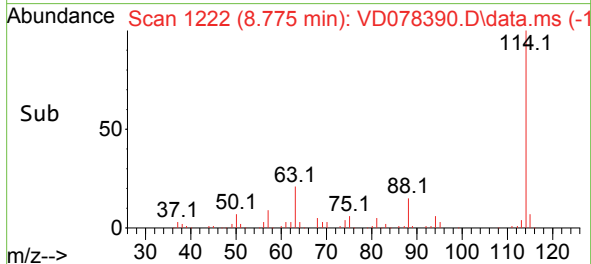
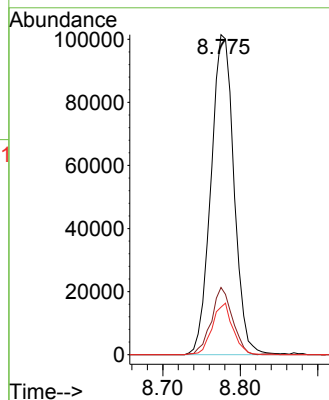
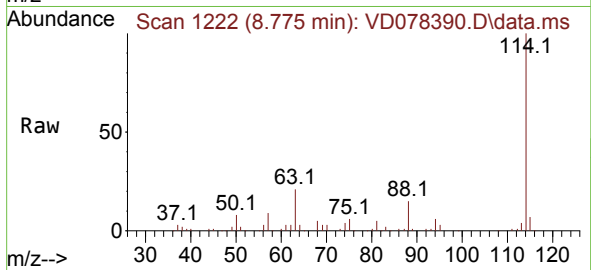
Tgt Ion:114 Resp: 209542

Ion Ratio Lower Upper

114 100

63 21.0 0.0 33.4

88 14.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.724 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078390.D

Acq: 09 Feb 2024 17:27

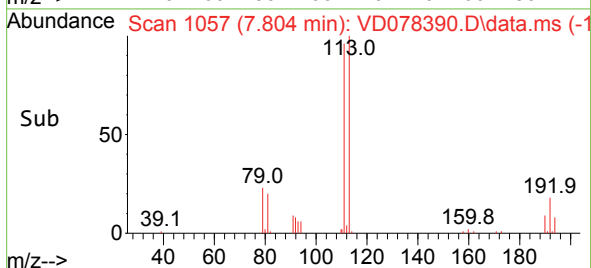
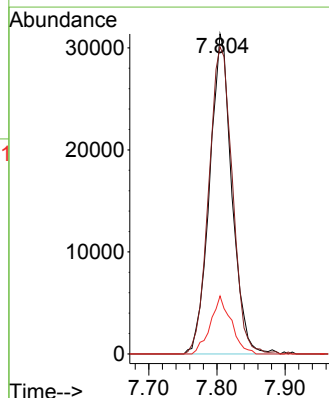
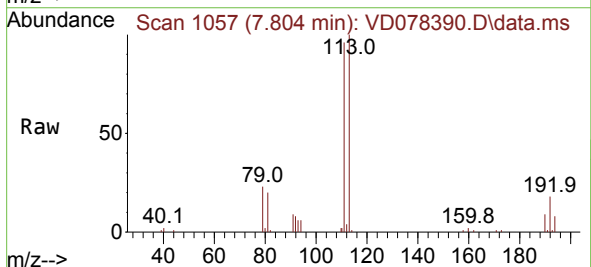
Tgt Ion:113 Resp: 71194

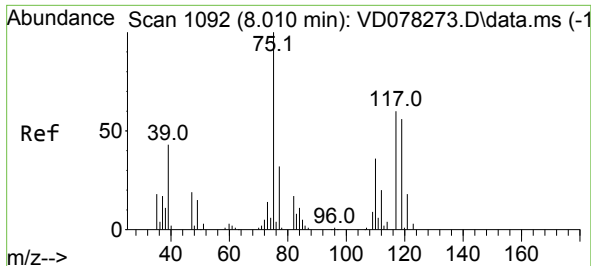
Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 17.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.229 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD078390.D

Acq: 09 Feb 2024 17:27

Instrument :

MSVOA_D

ClientSampleId :

DUP-020624RE

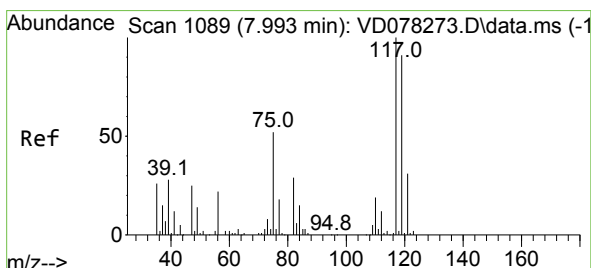
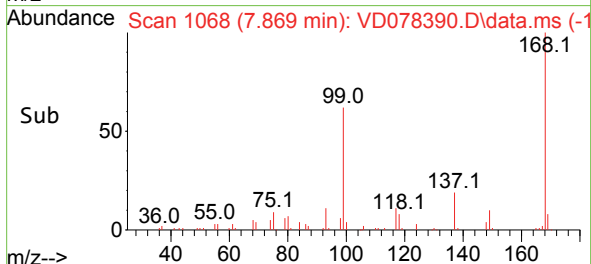
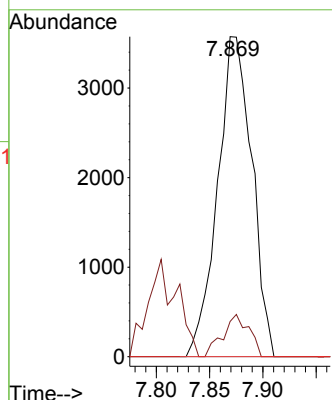
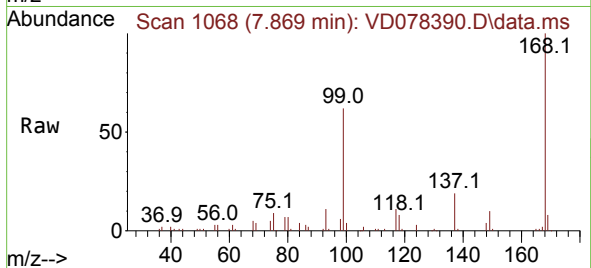
Tgt Ion: 75 Resp: 7989

Ion Ratio Lower Upper

75 100

110 10.1 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.008 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.123 min

Lab File: VD078390.D

Acq: 09 Feb 2024 17:27

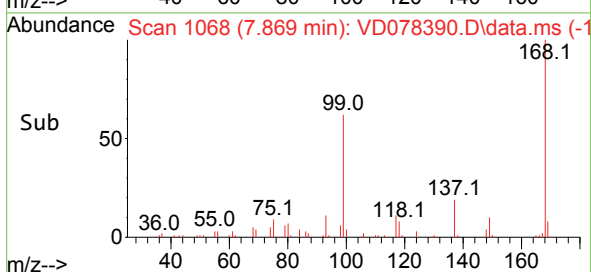
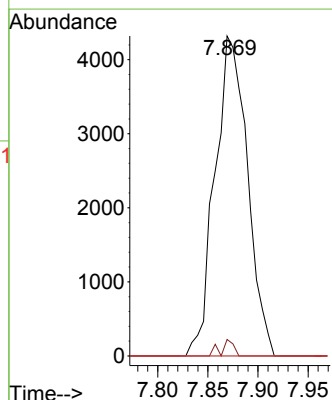
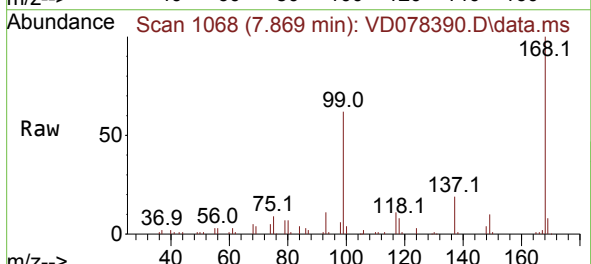
Tgt Ion: 117 Resp: 9750

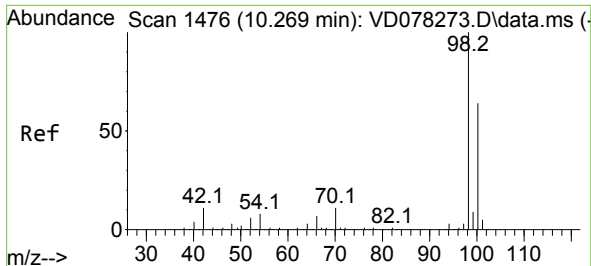
Ion Ratio Lower Upper

117 100

119 5.2 78.0 117.0#

121 0.0 24.2 36.2#

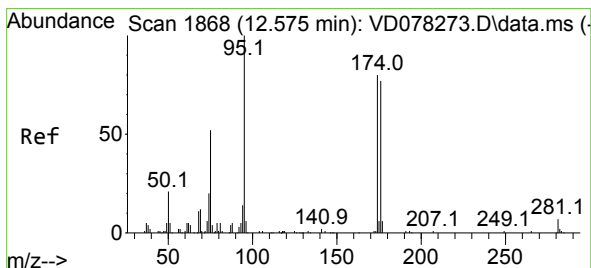
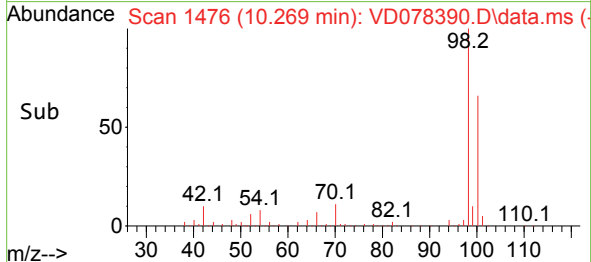
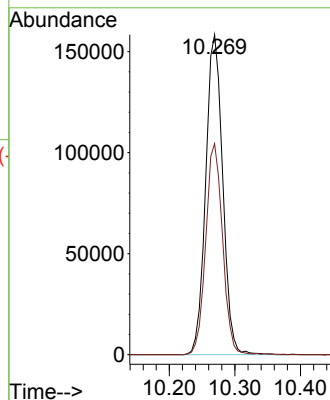
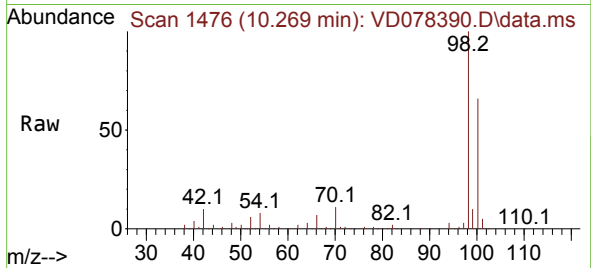




#50
Toluene-d8
Concen: 50.564 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

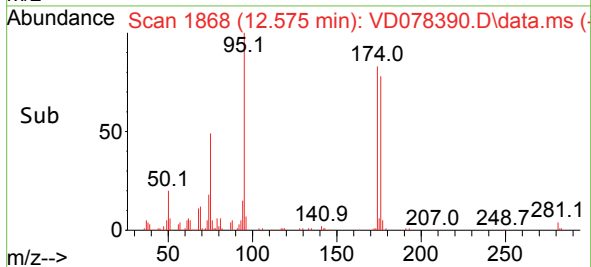
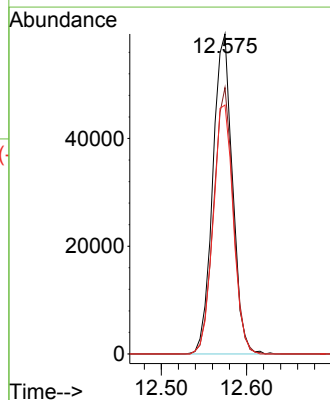
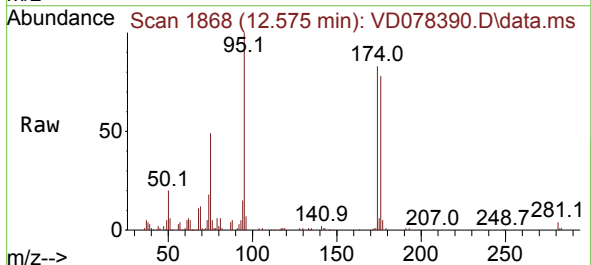
Instrument :
MSVOA_D
ClientSampleId :
DUP-020624RE

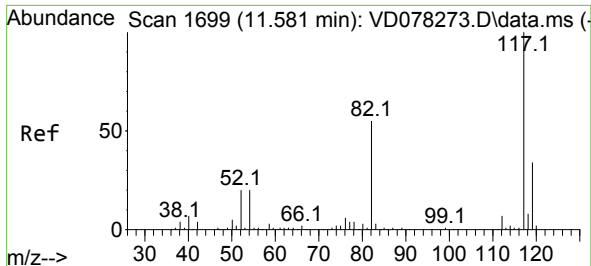
Tgt Ion: 98 Resp: 285587
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.322 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

Tgt Ion: 95 Resp: 95263
Ion Ratio Lower Upper
95 100
174 83.0 0.0 201.8
176 79.9 0.0 191.8

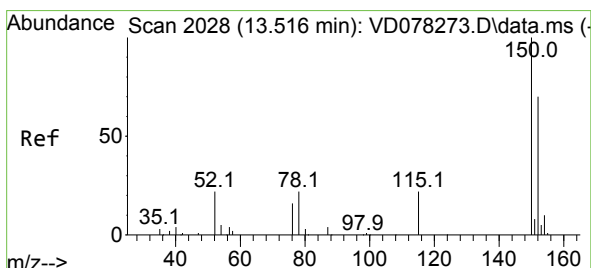
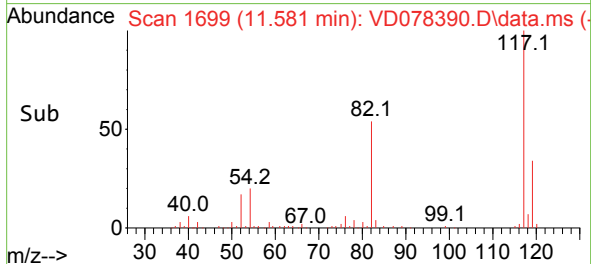
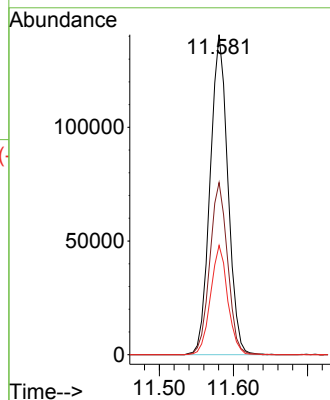
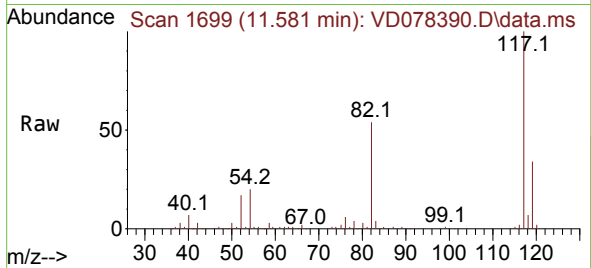




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

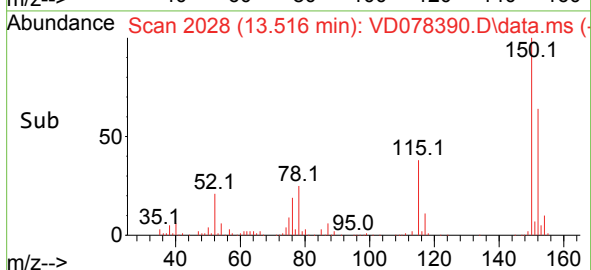
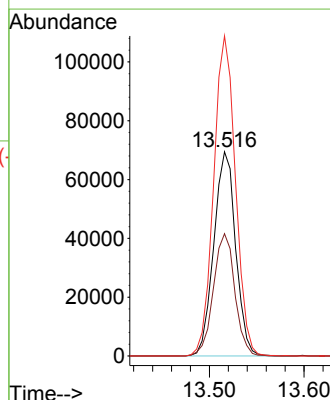
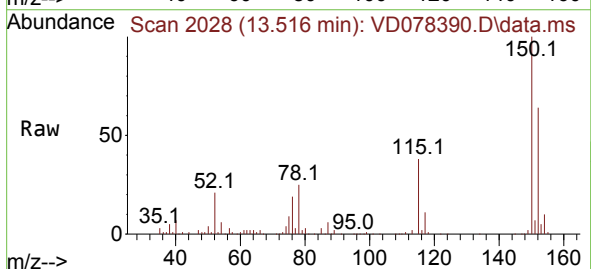
Instrument :
MSVOA_D
ClientSampleId :
DUP-020624RE

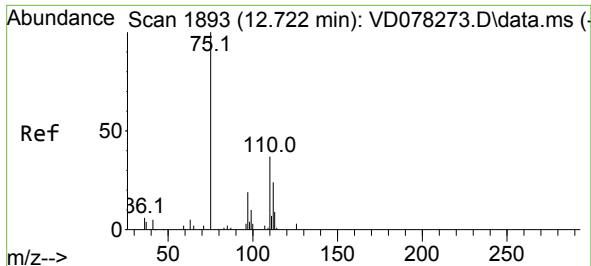
Tgt Ion:117 Resp: 233864
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 34.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

Tgt Ion:152 Resp: 111096
Ion Ratio Lower Upper
152 100
115 58.8 27.1 81.3
150 156.3 0.0 353.6

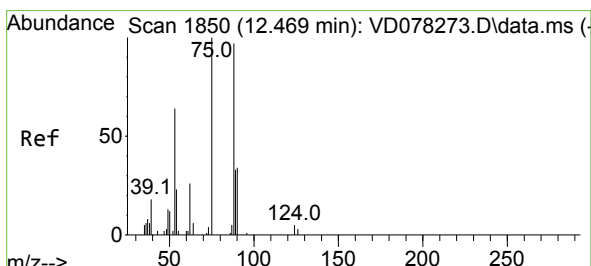
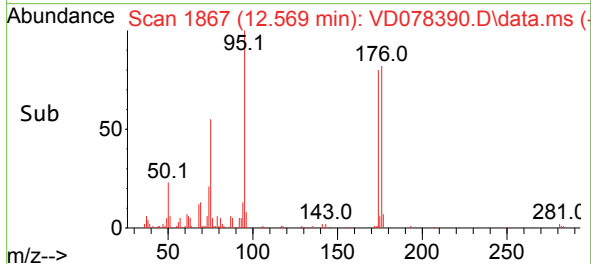
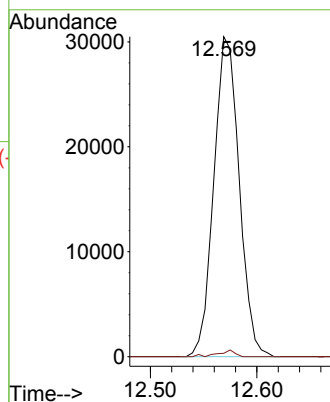
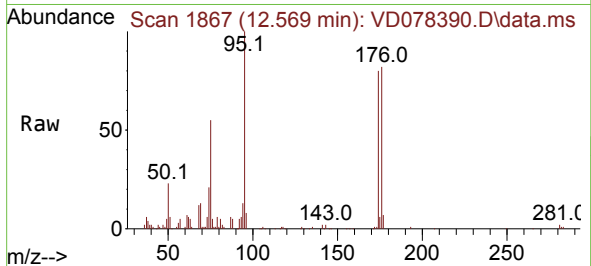




#76
1,2,3-Trichloropropane
Concen: 43.406 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

Instrument :
MSVOA_D
ClientSampleId :
DUP-020624RE

Tgt Ion: 75 Resp: 50402
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.327 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078390.D
Acq: 09 Feb 2024 17:27

Tgt Ion: 75 Resp: 50402
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

