

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
 Data File : VD075276.D
 Acq On : 08 Feb 2023 17:17
 Operator : KP/SY
 Sample : 01478-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-02072023

Quant Time: Feb 09 05:42:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	40342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	80801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	85531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	39295	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	27861	58.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.800%
35) Dibromofluoromethane	7.810	113	27830	49.120	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.240%
50) Toluene-d8	10.269	98	103458	48.150	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.575	95	35629	50.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.580%

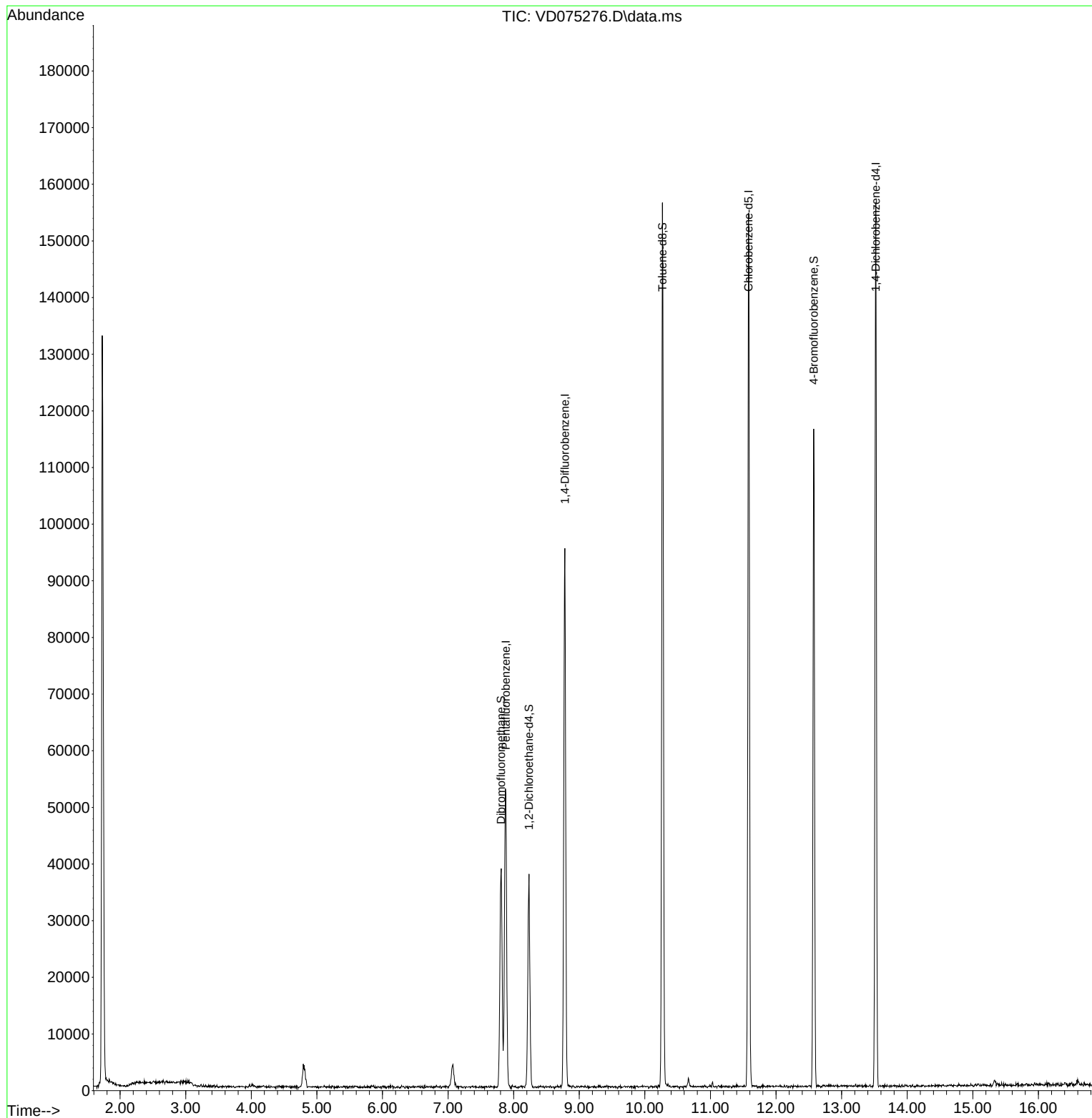
Target Compounds	Qvalue

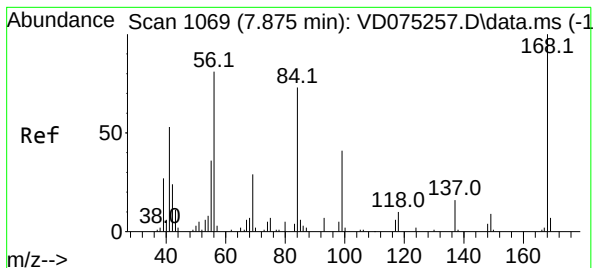
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD075276.D

Acq: 08 Feb 2023 17:17

Instrument :

MSVOA_D

ClientSampleId :

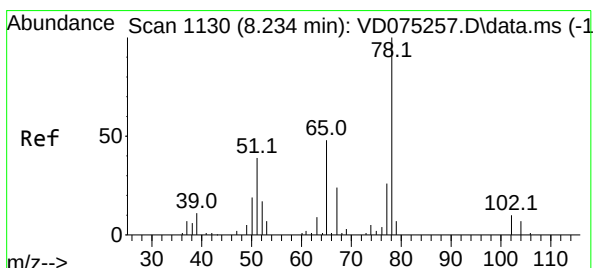
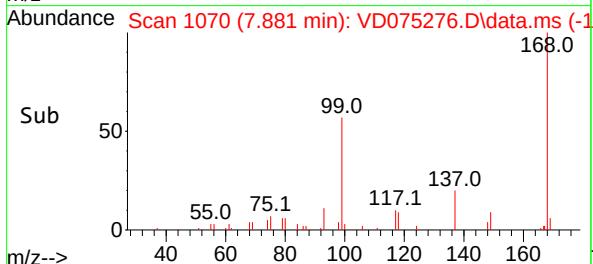
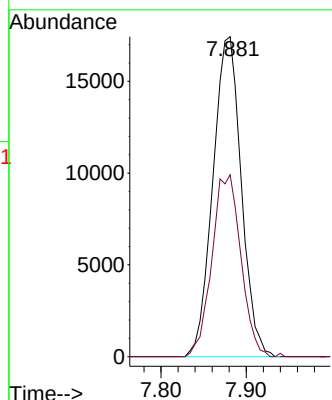
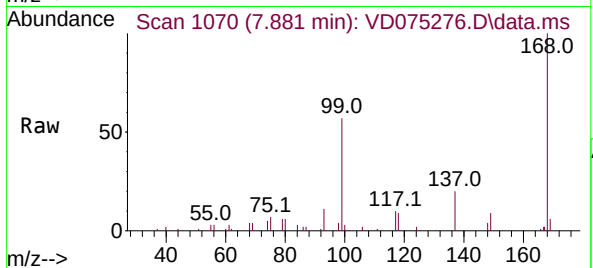
SU-04-02072023

Tgt Ion:168 Resp: 40342

Ion Ratio Lower Upper

168 100

99 56.9 45.2 67.8



#33

1,2-Dichloroethane-d4

Concen: 58.897 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075276.D

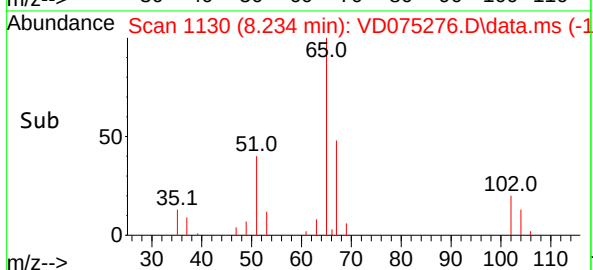
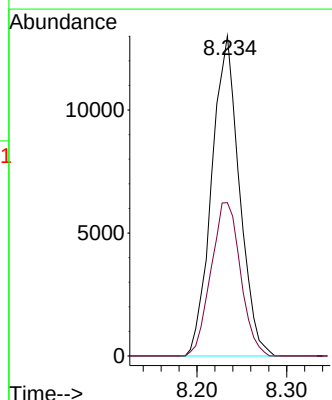
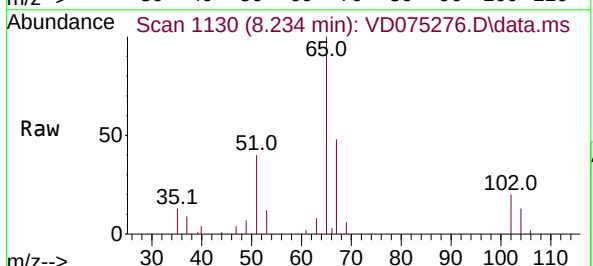
Acq: 08 Feb 2023 17:17

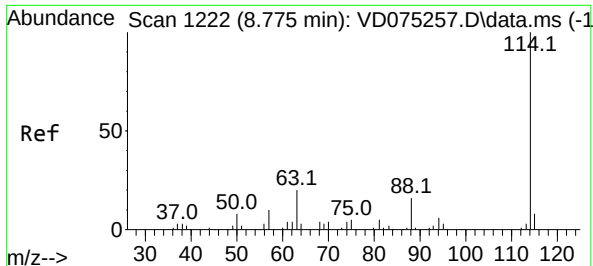
Tgt Ion: 65 Resp: 27861

Ion Ratio Lower Upper

65 100

67 51.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 114

Delta R.T. 0.006 min

Lab File: VD075276.D

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Instrument :

MSVOA_D

ClientSampleId :

SU-04-02072023

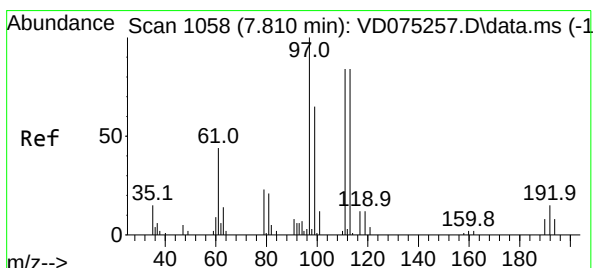
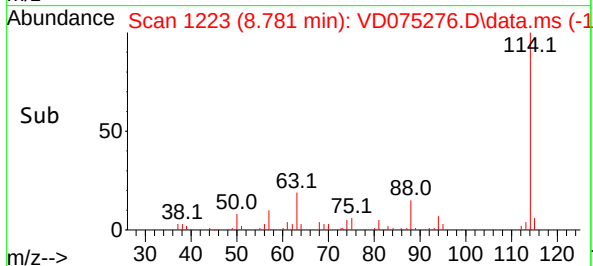
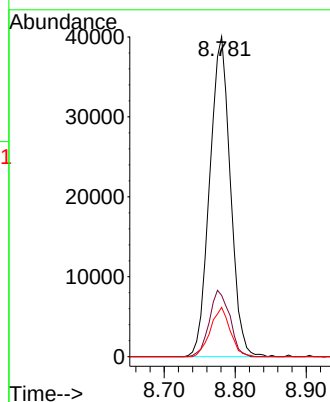
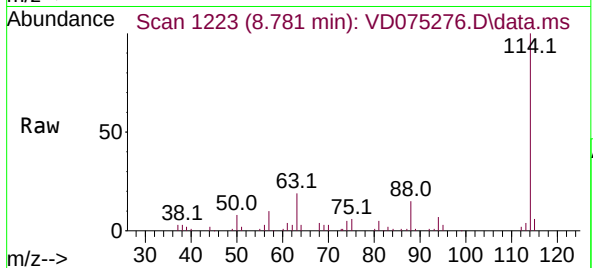
Tgt Ion:114 Resp: 80801

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.2

88 15.4 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.120 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075276.D

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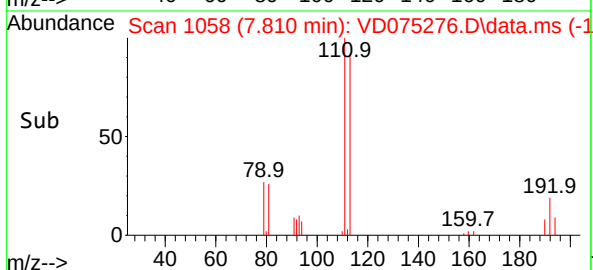
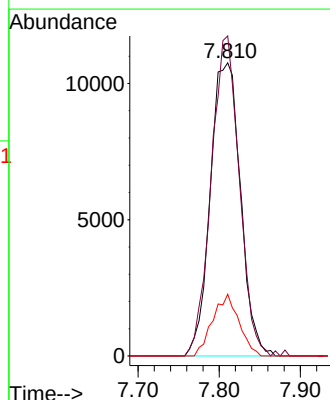
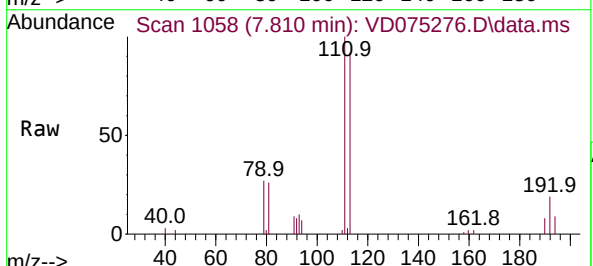
Tgt Ion:113 Resp: 27830

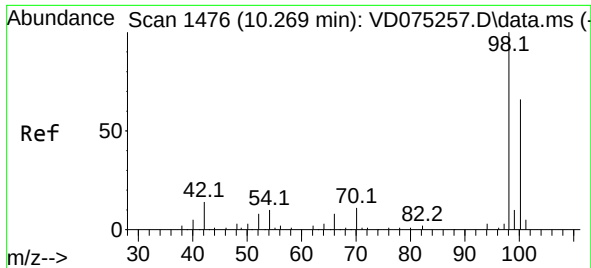
Ion Ratio Lower Upper

113 100

111 101.5 80.1 120.1

192 18.3 15.4 23.0

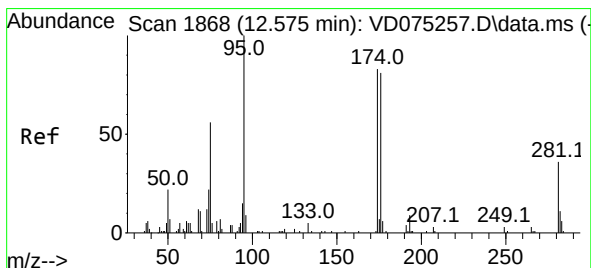
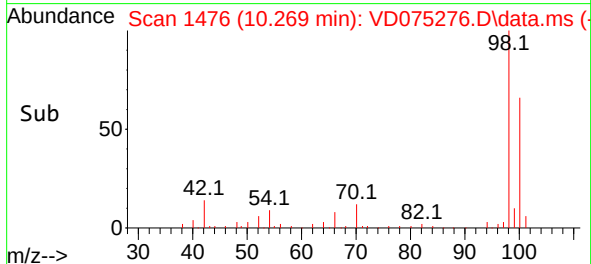
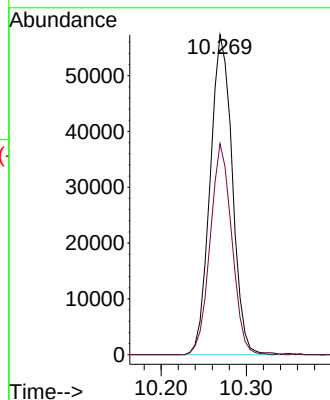
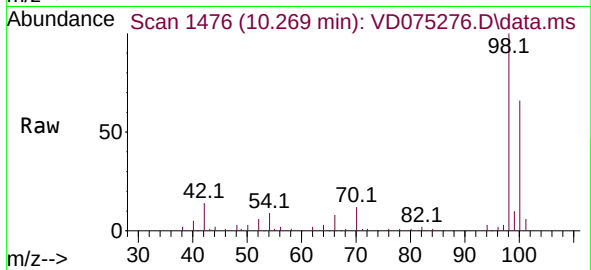




#50
Toluene-d8
Concen: 48.150 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

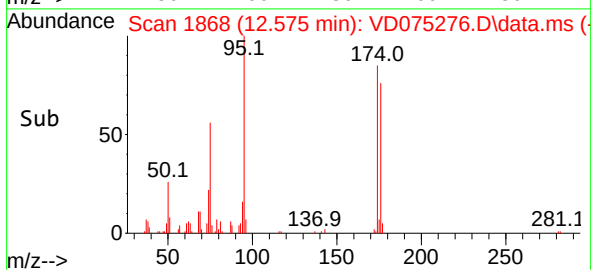
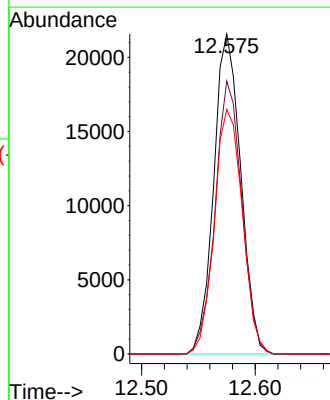
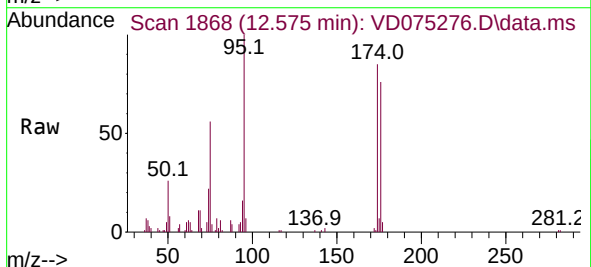
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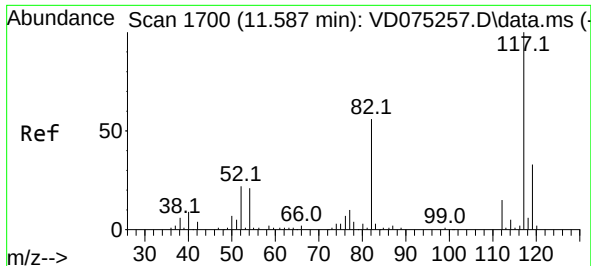
Tgt Ion: 98 Resp: 103458
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 50.289 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Tgt Ion: 95 Resp: 35629
Ion Ratio Lower Upper
95 100
174 84.3 0.0 161.2
176 79.3 0.0 160.2

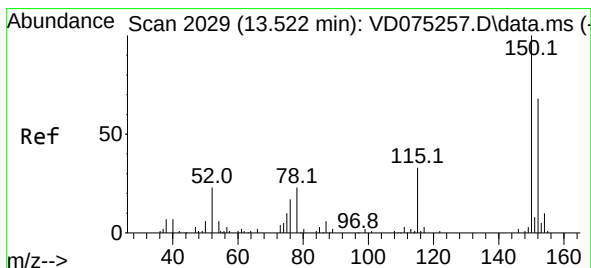
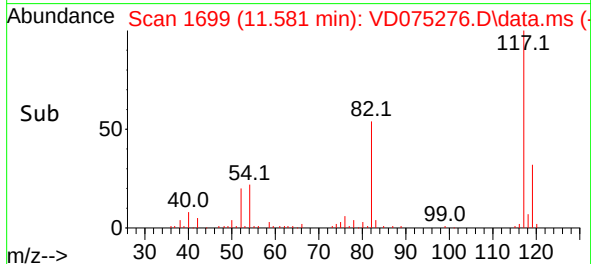
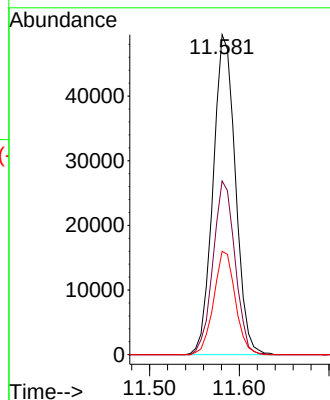
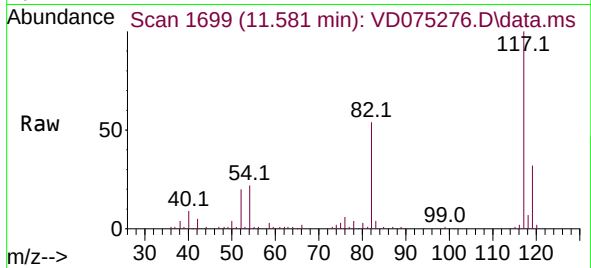




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Instrument :
MSVOA_D
ClientSampleId :
SU-04-02072023

Tgt Ion:117 Resp: 85531
Ion Ratio Lower Upper
117 100
82 54.3 39.6 59.4
119 32.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075276.D
Acq: 08 Feb 2023 17:17

Tgt Ion:152 Resp: 39295
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.4
150 155.7 0.0 348.6

