

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058722.D
 Acq On : 16 Apr 2024 17:37
 Operator : MD/SY
 Sample : P2101-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:14:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 01:09:43 2024
 Response via : Initial Calibration

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

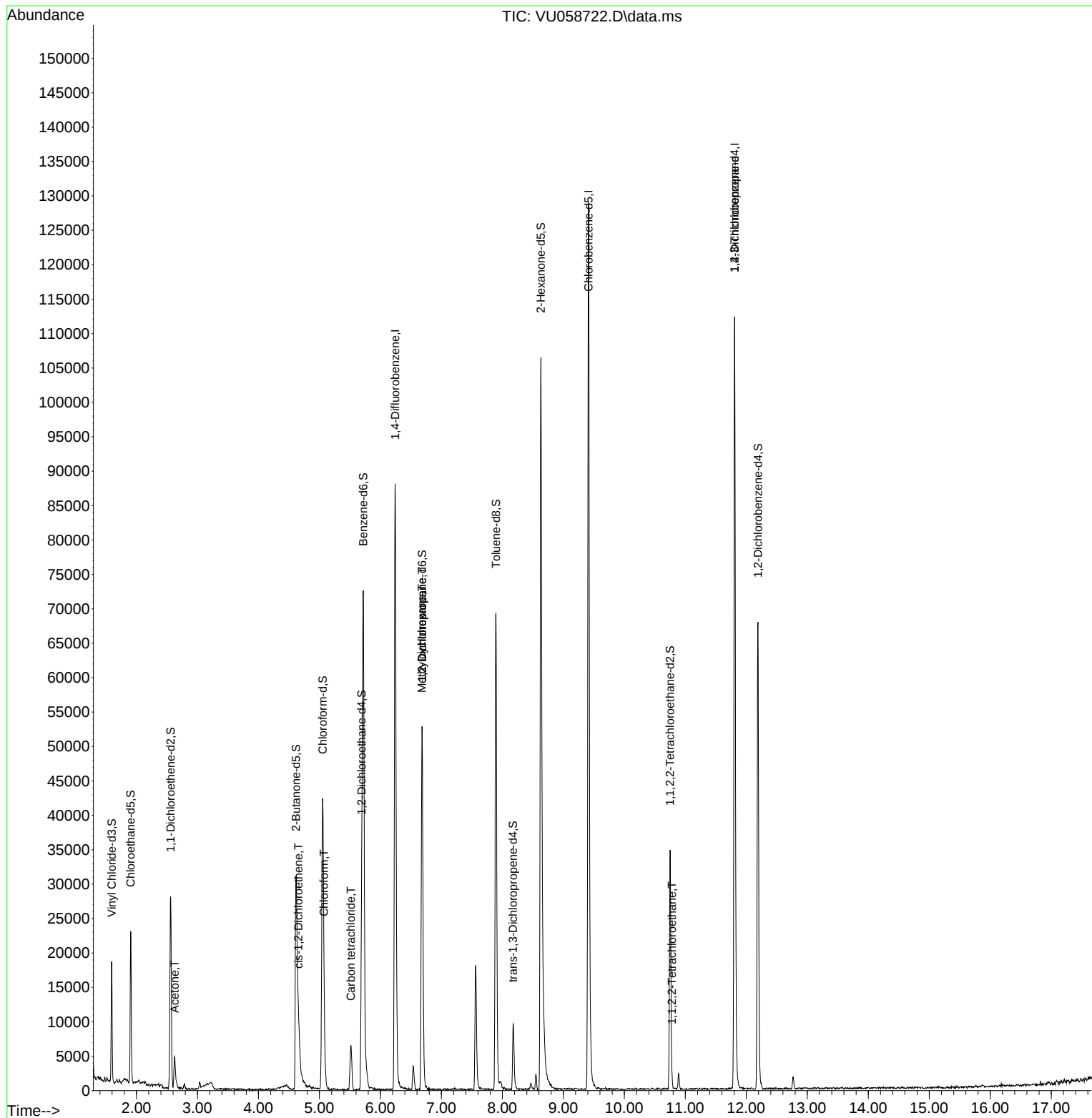
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	68235	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	68759	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	11809	2.614	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.200%
7) Chloroethane-d5	1.904	69	14838	3.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.560	65	5585	2.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.600%#
20) 2-Butanone-d5	4.615	46	57786	60.697	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.400%
24) Chloroform-d	5.052	84	38316	4.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.692	65	20492	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	64269	3.472	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
36) 1,2-Dichloropropane-d6	6.682	67	24936	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.894	98	45863	2.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.800%#
43) trans-1,3-Dichloroprop...	8.174	79	6406	3.555	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.631	63	36689	49.362	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18356	4.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	17697	3.573	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.400%#
Target Compounds						Qvalue
13) Acetone	2.624	43	6380	7.852	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	1445	0.254	ug/L	97
25) Chloroform	5.075	83	3934	0.367	ug/L	98
31) Carbon tetrachloride	5.515	117	4412	0.565	ug/L	98
35) Methylcyclohexane	6.679	83	5034	0.532	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2630	0.401	ug/L #	90
57) 1,1,2,2-Tetrachloroethane	10.778	83	798	0.169	ug/L #	96
61) 1,2,3-Trichloropropane	11.807	75	4217	1.405	ug/L #	70

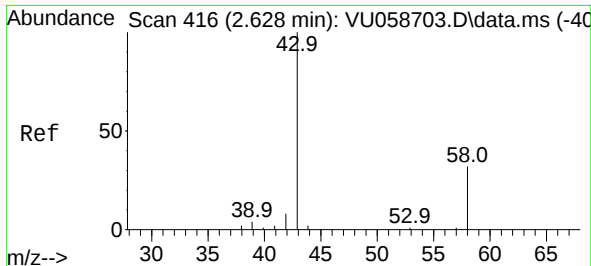
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.852 ug/L

RT: 2.624 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU058722.D

Acq: 16 Apr 2024 17:37

Instrument :

MSVOA_U

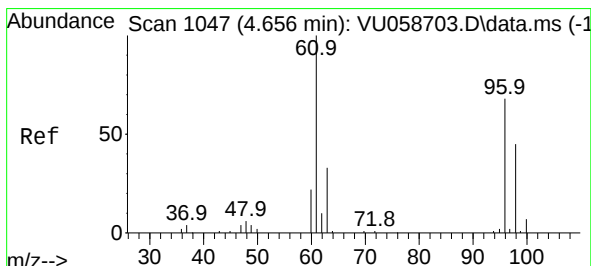
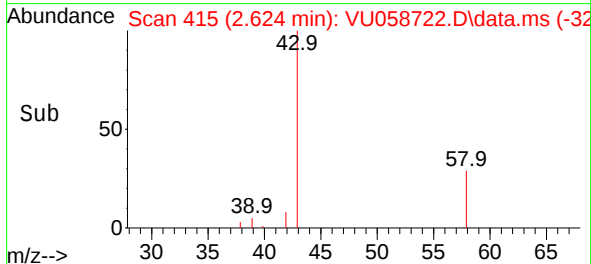
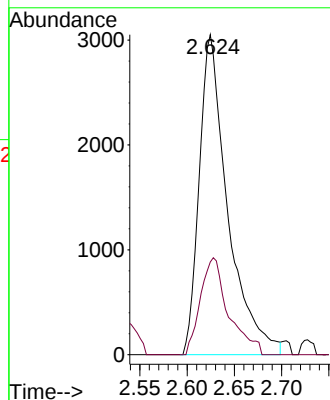
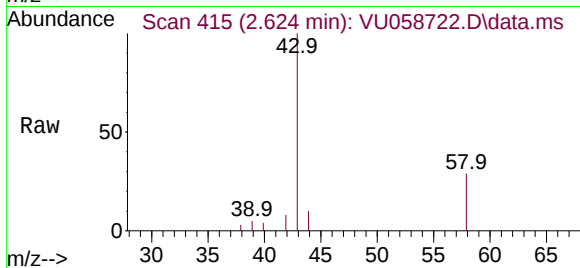
ClientSampleId :

Tgt Ion: 43 Resp: 6380

Ion Ratio Lower Upper

43 100

58 30.0 0.0 61.4



#22

cis-1,2-Dichloroethene

Concen: 0.254 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU058722.D

Acq: 16 Apr 2024 17:37

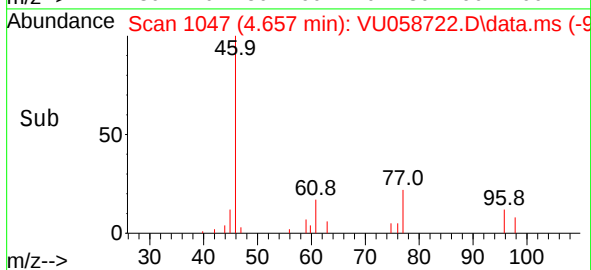
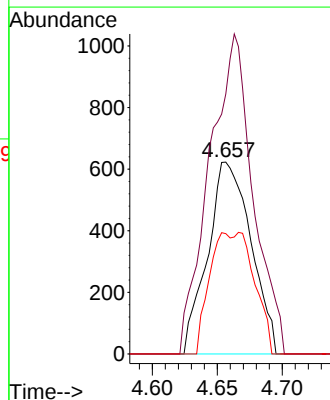
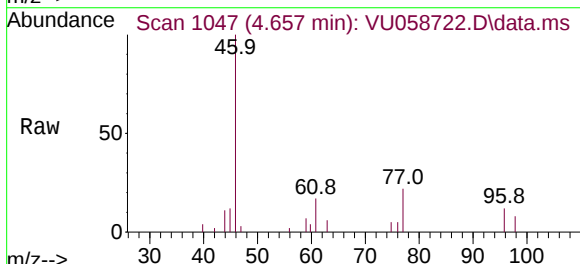
Tgt Ion: 96 Resp: 1445

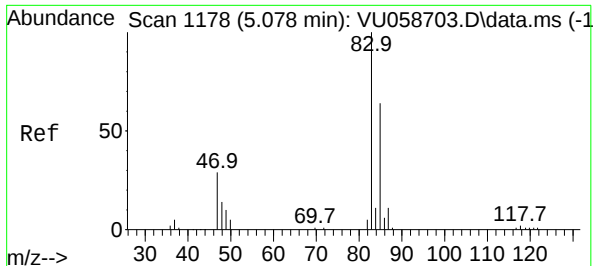
Ion Ratio Lower Upper

96 100

61 135.5 98.1 182.3

98 62.8 43.6 81.0





#25

Chloroform

Concen: 0.367 ug/L

RT: 5.075 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU058722.D

Acq: 16 Apr 2024 17:37

Instrument :

MSVOA_U

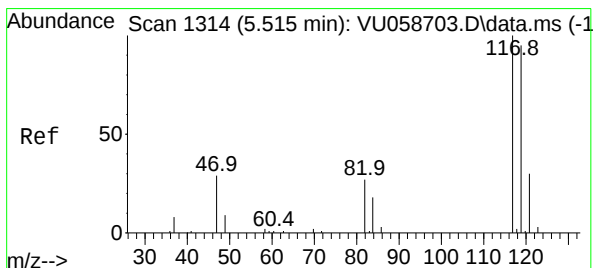
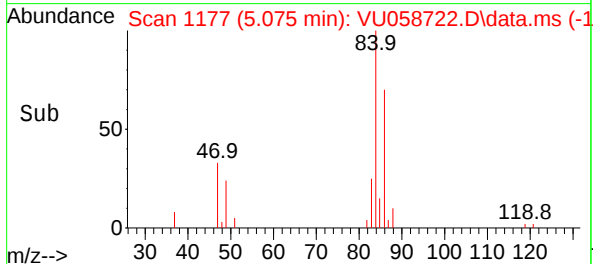
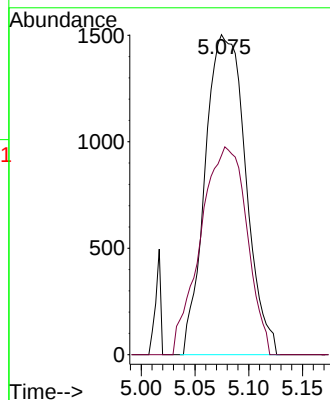
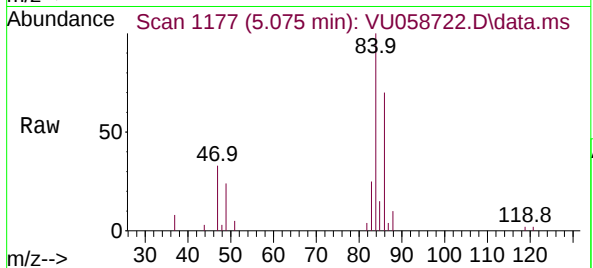
ClientSampleId :

Tgt Ion: 83 Resp: 3934

Ion Ratio Lower Upper

83 100

85 62.3 44.7 83.1



#31

Carbon tetrachloride

Concen: 0.565 ug/L

RT: 5.515 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VU058722.D

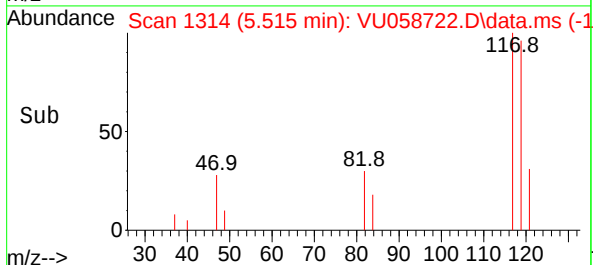
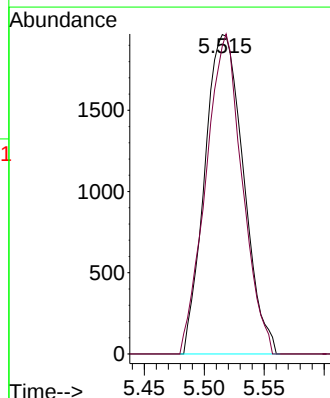
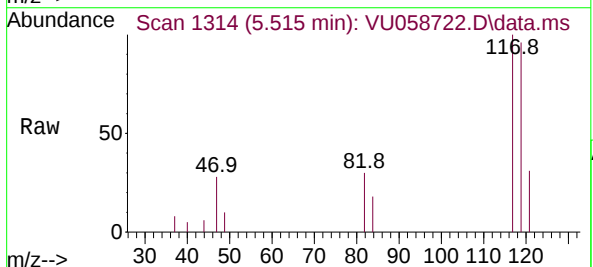
Acq: 16 Apr 2024 17:37

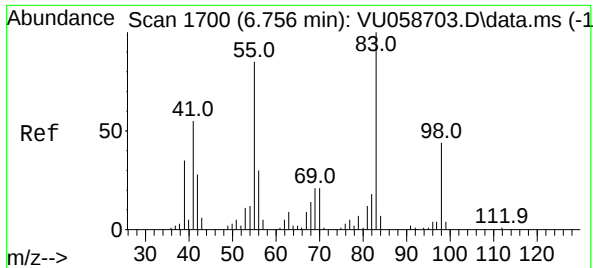
Tgt Ion: 117 Resp: 4412

Ion Ratio Lower Upper

117 100

119 94.1 76.7 115.1

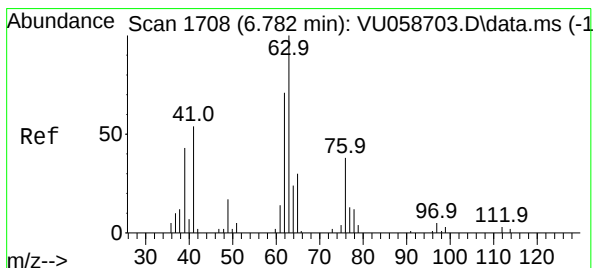
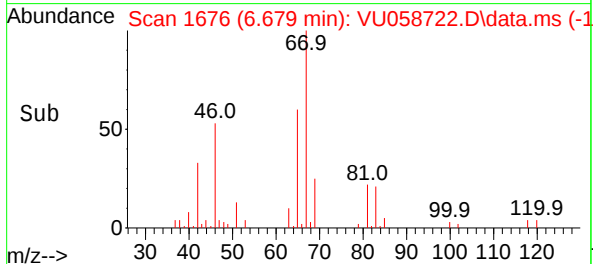
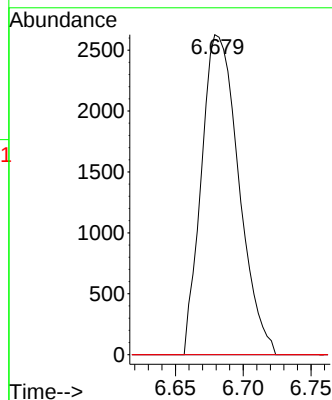
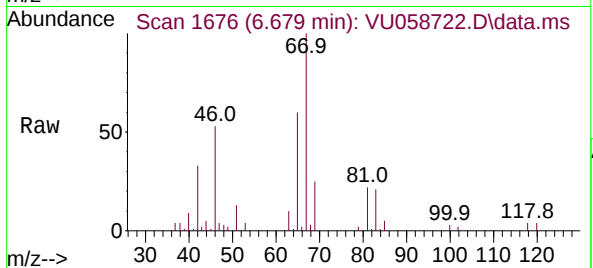




#35
Methylcyclohexane
Concen: 0.532 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU058722.D
Acq: 16 Apr 2024 17:37

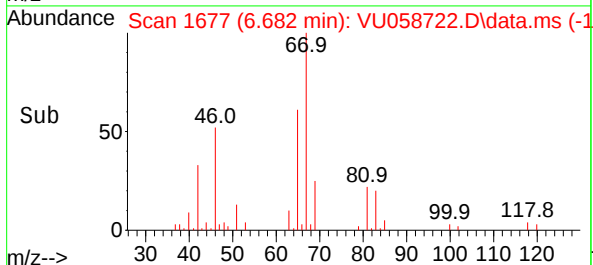
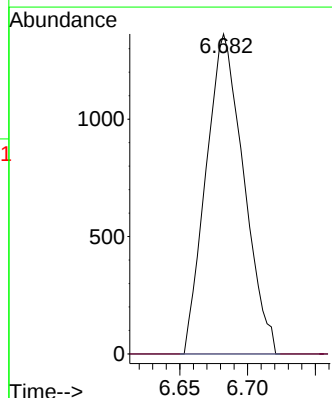
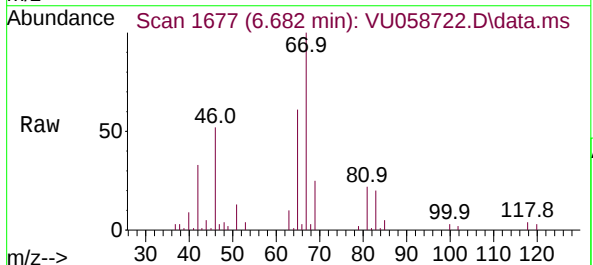
Instrument :
MSVOA_U
ClientSampleId :

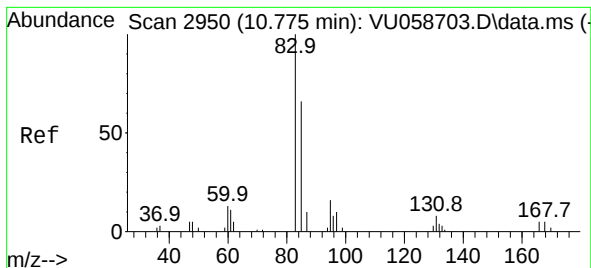
Tgt Ion: 83 Resp: 5034
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.401 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU058722.D
Acq: 16 Apr 2024 17:37

Tgt Ion: 63 Resp: 2630
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#





#57

1,1,2,2-Tetrachloroethane

Concen: 0.169 ug/L

RT: 10.778 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU058722.D

Acq: 16 Apr 2024 17:37

Instrument :

MSVOA_U

ClientSampleId :

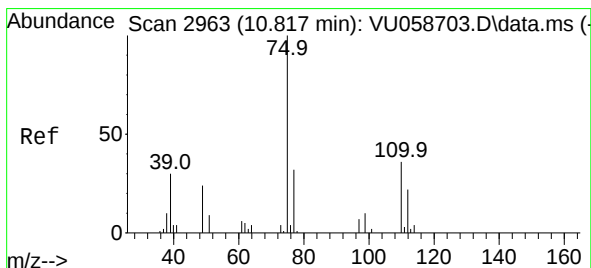
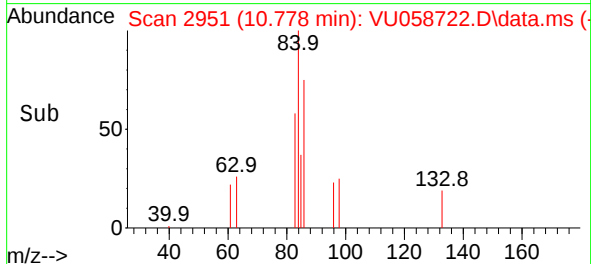
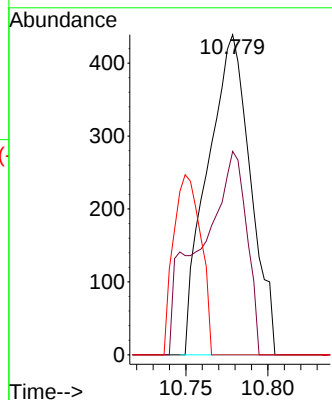
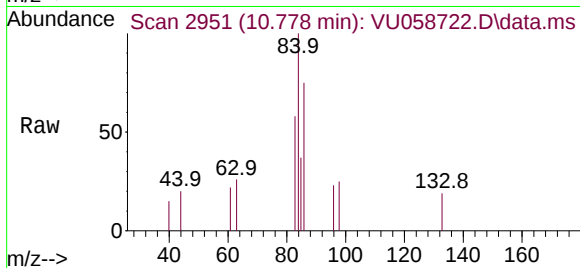
Tgt Ion: 83 Resp: 798

Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.7

131 0.0 6.9 10.3#



#61

1,2,3-Trichloropropane

Concen: 1.405 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU058722.D

Acq: 16 Apr 2024 17:37

Tgt Ion: 75 Resp: 4217

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 32.6 25.1 37.7

