

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059390.D
 Acq On : 20 Jun 2024 19:27
 Operator : MD/SY
 Sample : P2909-02ME
 Misc : 4.08g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 06:49:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 06:47:42 2024
 Response via : Initial Calibration

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

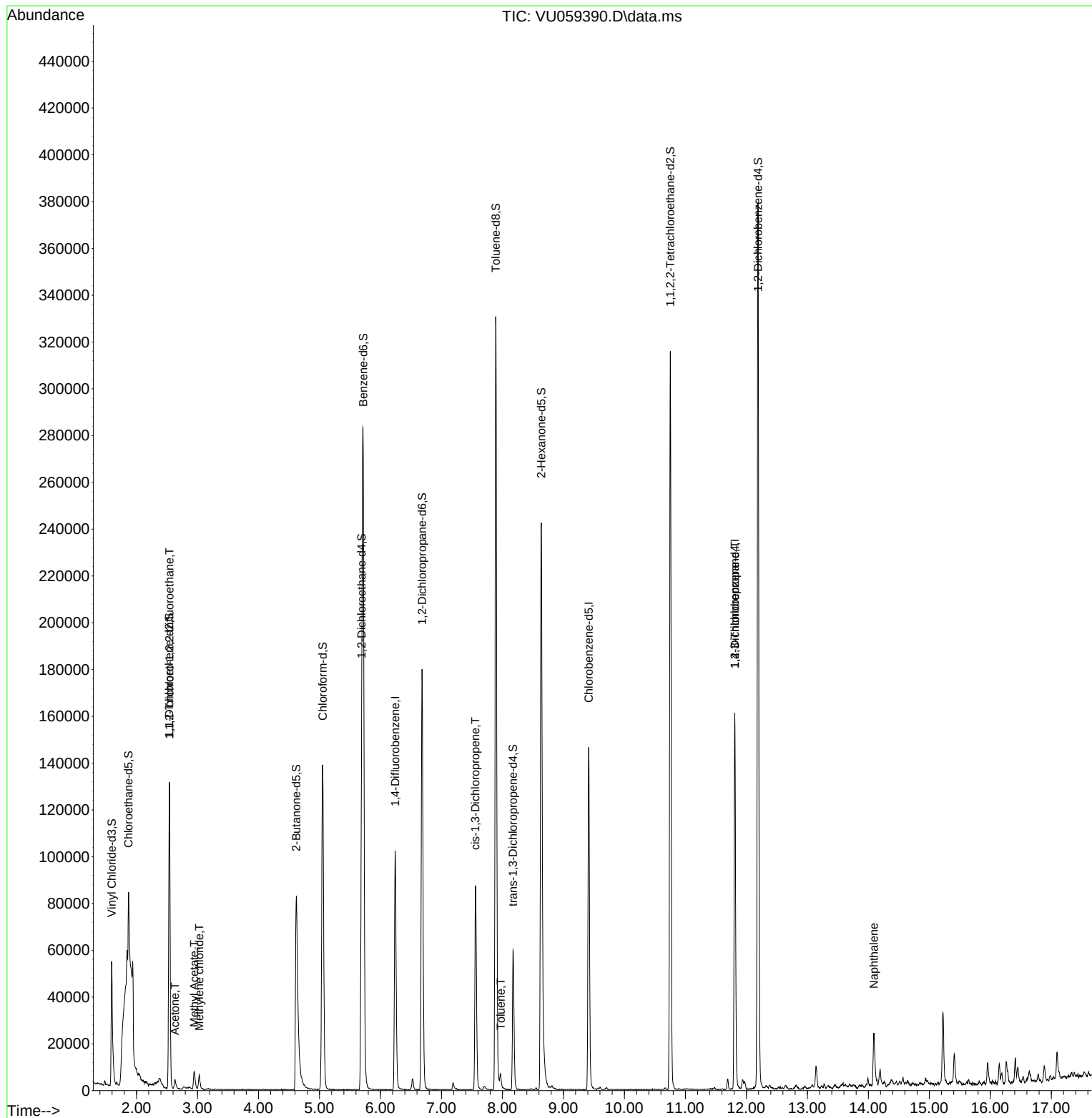
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	87239	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	87381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	45655	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	55161	105.604	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 211.200%#			
7) Chloroethane-d5	1.869	69	31839	71.158	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 142.320%#			
11) 1,1-Dichloroethene-d2	2.537	63	78199	75.846	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 151.700%#			
21) 2-Butanone-d5	4.621	46	140967	286.323	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 286.320%#			
24) Chloroform-d	5.052	84	133642	128.523	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 257.040%#			
26) 1,2-Dichloroethane-d4	5.692	65	88524	138.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 277.800%#			
32) Benzene-d6	5.717	84	268392	133.826	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 267.660%#			
36) 1,2-Dichloropropane-d6	6.682	67	89941	130.066	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 260.140%#			
41) Toluene-d8	7.891	98	230554	135.420	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 270.840%#			
43) trans-1,3-Dichloroprop...	8.174	79	36086	129.101	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 258.200%#			
47) 2-Hexanone-d5	8.637	63	101108	316.189	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 316.190%#			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	166144	141.965	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 283.940%#			
66) 1,2-Dichlorobenzene-d4	12.190	152	105102	154.261	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 308.520%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.541	101	786	1.157	ug/L #	23
13) Acetone	2.631	43	4832	8.350	ug/L	97
15) Methyl Acetate	2.946	43	9805	10.696	ug/L #	88
16) Methylene chloride	3.029	84	3086	3.700	ug/L	89
39) cis-1,3-Dichloropropene	7.557	75	2067	1.667	ug/L #	43
42) Toluene	7.971	91	4897	1.546	ug/L	91
60) 1,2,3-Trichloropropane	11.810	75	5745	4.525	ug/L #	68
71) Naphthalene	14.090	128	22332	8.910	ug/L	96

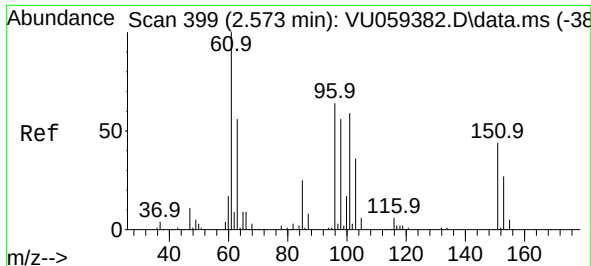
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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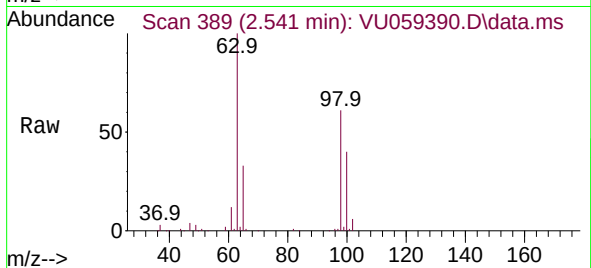
Quant Time: Jun 21 06:49:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 21 06:47:42 2024
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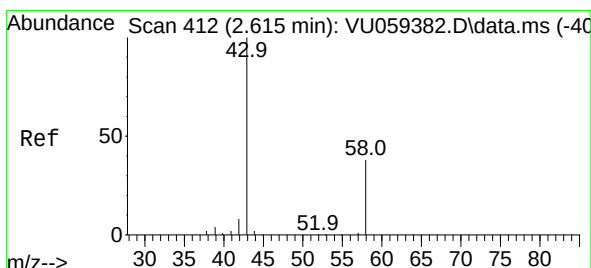
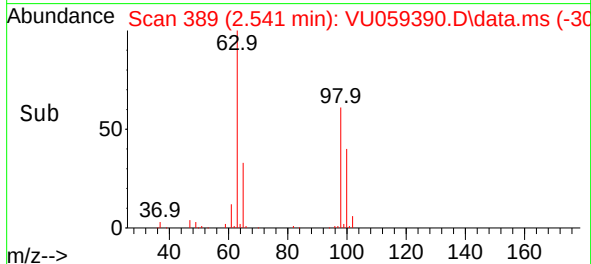
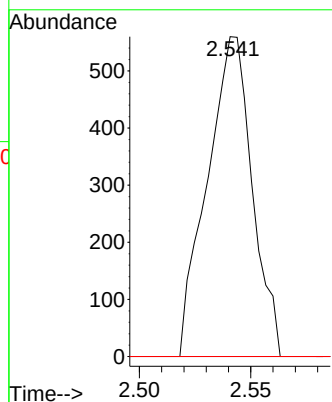


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.157 ug/L
RT: 2.541 min Scan# 399
Delta R.T. -0.032 min
Lab File: VU059390.D
Acq: 20 Jun 2024 19:27

Instrument :
MSVOA_U
ClientSampleId :

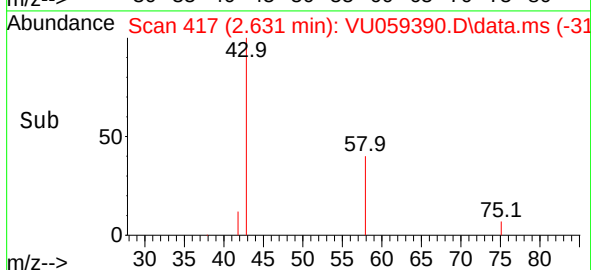
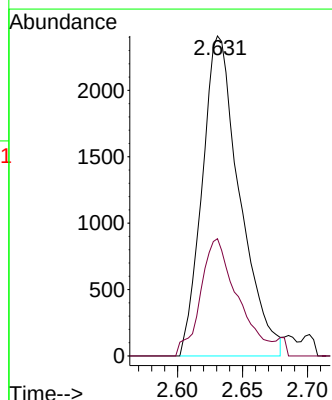
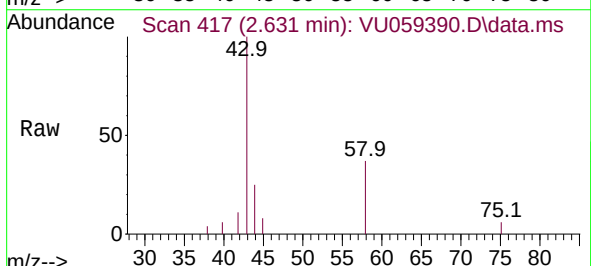


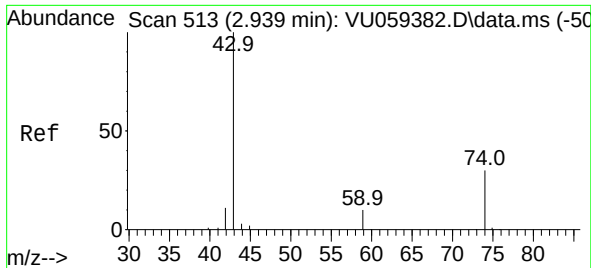
Tgt Ion:101 Resp: 786
Ion Ratio Lower Upper
101 100
85 0.0 36.7 55.1#
151 0.0 52.2 78.2#



#13
Acetone
Concen: 8.350 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.016 min
Lab File: VU059390.D
Acq: 20 Jun 2024 19:27

Tgt Ion: 43 Resp: 4832
Ion Ratio Lower Upper
43 100
58 36.3 0.0 68.8





#15

Methyl Acetate

Concen: 10.696 ug/L

RT: 2.946 min Scan# 51

Delta R.T. 0.006 min

Lab File: VU059390.D

Acq: 20 Jun 2024 19:27

Instrument :

MSVOA_U

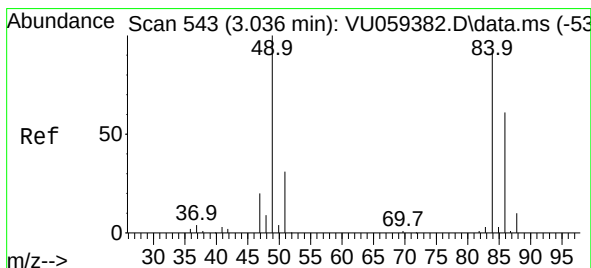
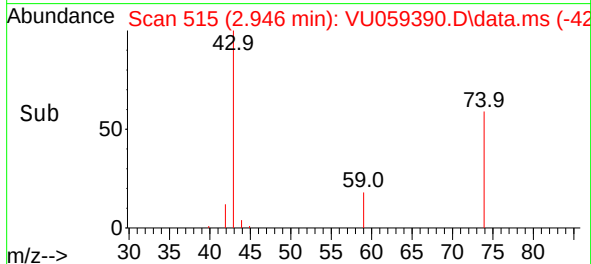
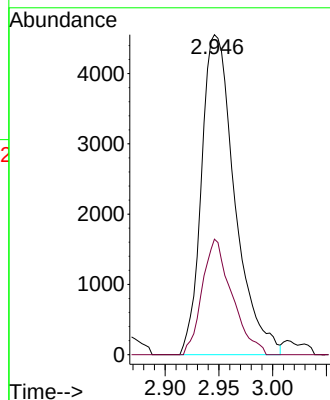
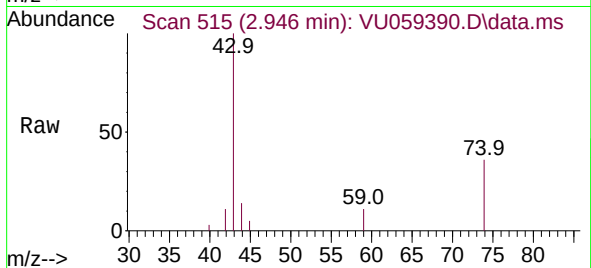
ClientSampleId :

Tgt Ion: 43 Resp: 9805

Ion Ratio Lower Upper

43 100

74 32.3 20.8 31.2#



#16

Methylene chloride

Concen: 3.700 ug/L

RT: 3.029 min Scan# 541

Delta R.T. -0.006 min

Lab File: VU059390.D

Acq: 20 Jun 2024 19:27

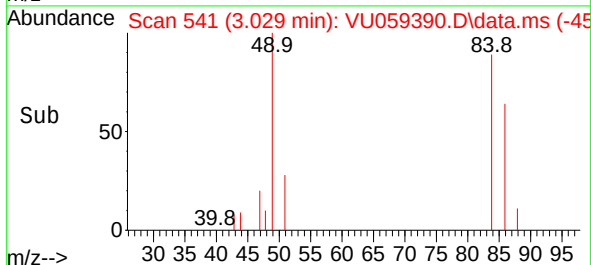
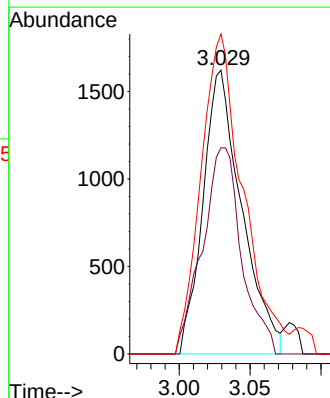
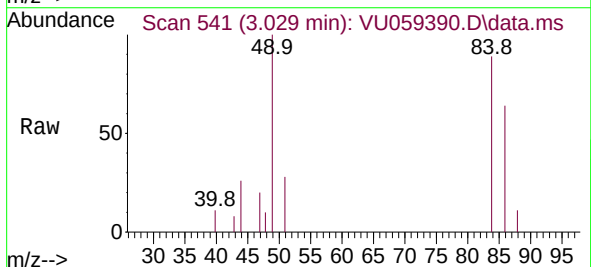
Tgt Ion: 84 Resp: 3086

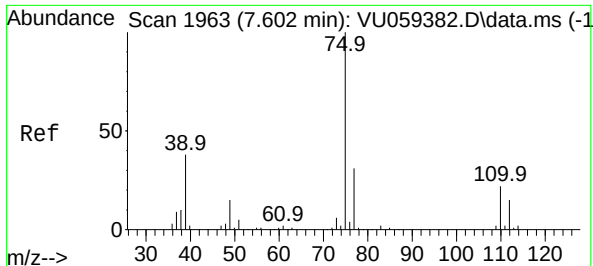
Ion Ratio Lower Upper

84 100

86 72.7 44.9 83.3

49 112.8 87.5 162.5

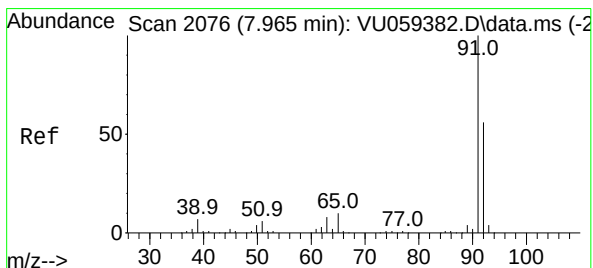
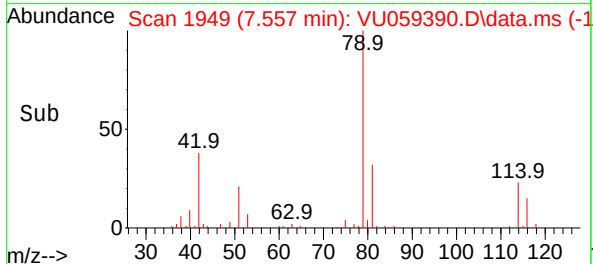
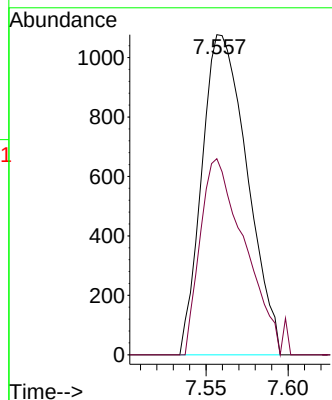
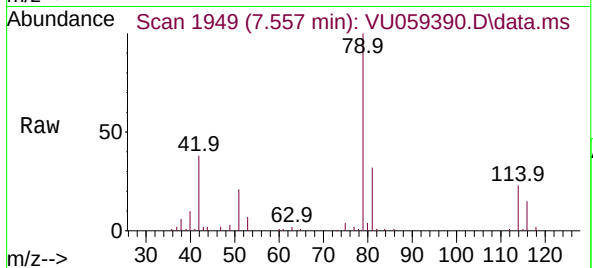




#39
cis-1,3-Dichloropropene
Concen: 1.667 ug/L
RT: 7.557 min Scan# 1963
Delta R.T. -0.045 min
Lab File: VU059390.D
Acq: 20 Jun 2024 19:27

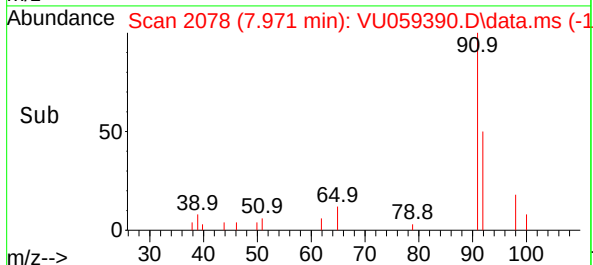
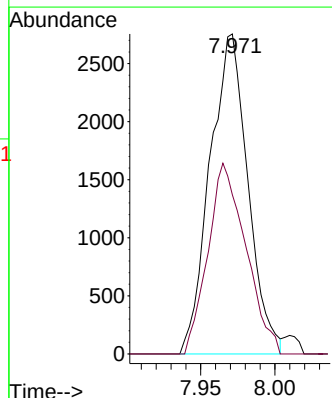
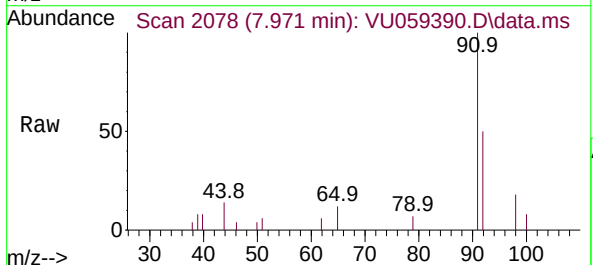
Instrument :
MSVOA_U
ClientSampleId :

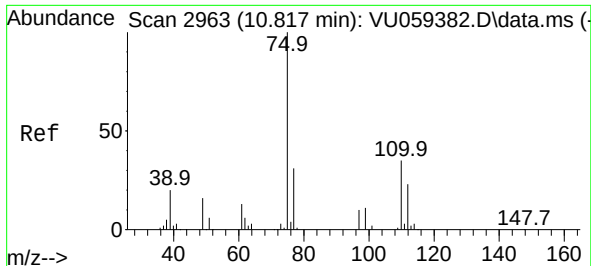
Tgt Ion: 75 Resp: 2067
Ion Ratio Lower Upper
75 100
77 61.3 21.2 39.4#



#42
Toluene
Concen: 1.546 ug/L
RT: 7.971 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VU059390.D
Acq: 20 Jun 2024 19:27

Tgt Ion: 91 Resp: 4897
Ion Ratio Lower Upper
91 100
92 49.7 39.4 73.2





#60

1,2,3-Trichloropropane

Concen: 4.525 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.993 min

Lab File: VU059390.D

Acq: 20 Jun 2024 19:27

Instrument :

MSVOA_U

ClientSampleId :

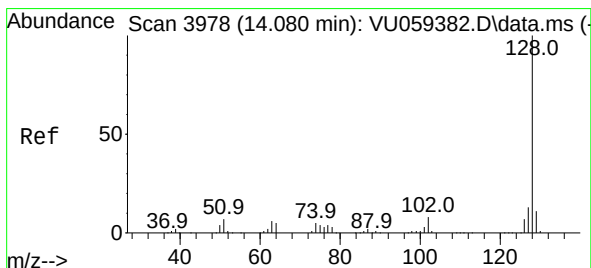
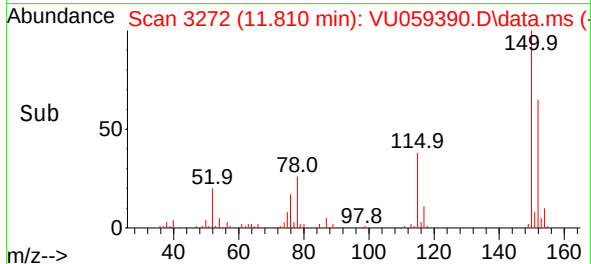
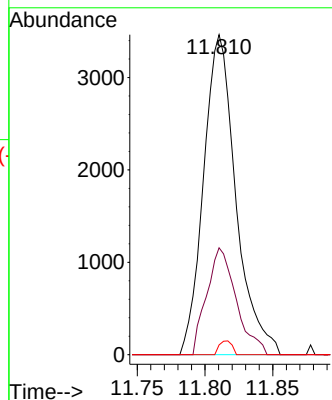
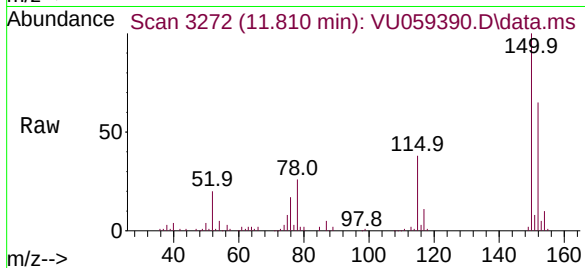
Tgt Ion: 75 Resp: 5745

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

110 1.7 28.4 42.6#



#71

Naphthalene

Concen: 8.910 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.010 min

Lab File: VU059390.D

Acq: 20 Jun 2024 19:27

Tgt Ion: 128 Resp: 22332

Ion Ratio Lower Upper

128 100

127 10.6 10.4 15.6

129 10.2 8.5 12.7

