

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053124\
 Data File : VU059109.D
 Acq On : 31 May 2024 13:02
 Operator : MD/SY
 Sample : P2647-02ME
 Misc : 5.96g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 01 01:18:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 01 01:17:21 2024
 Response via : Initial Calibration

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

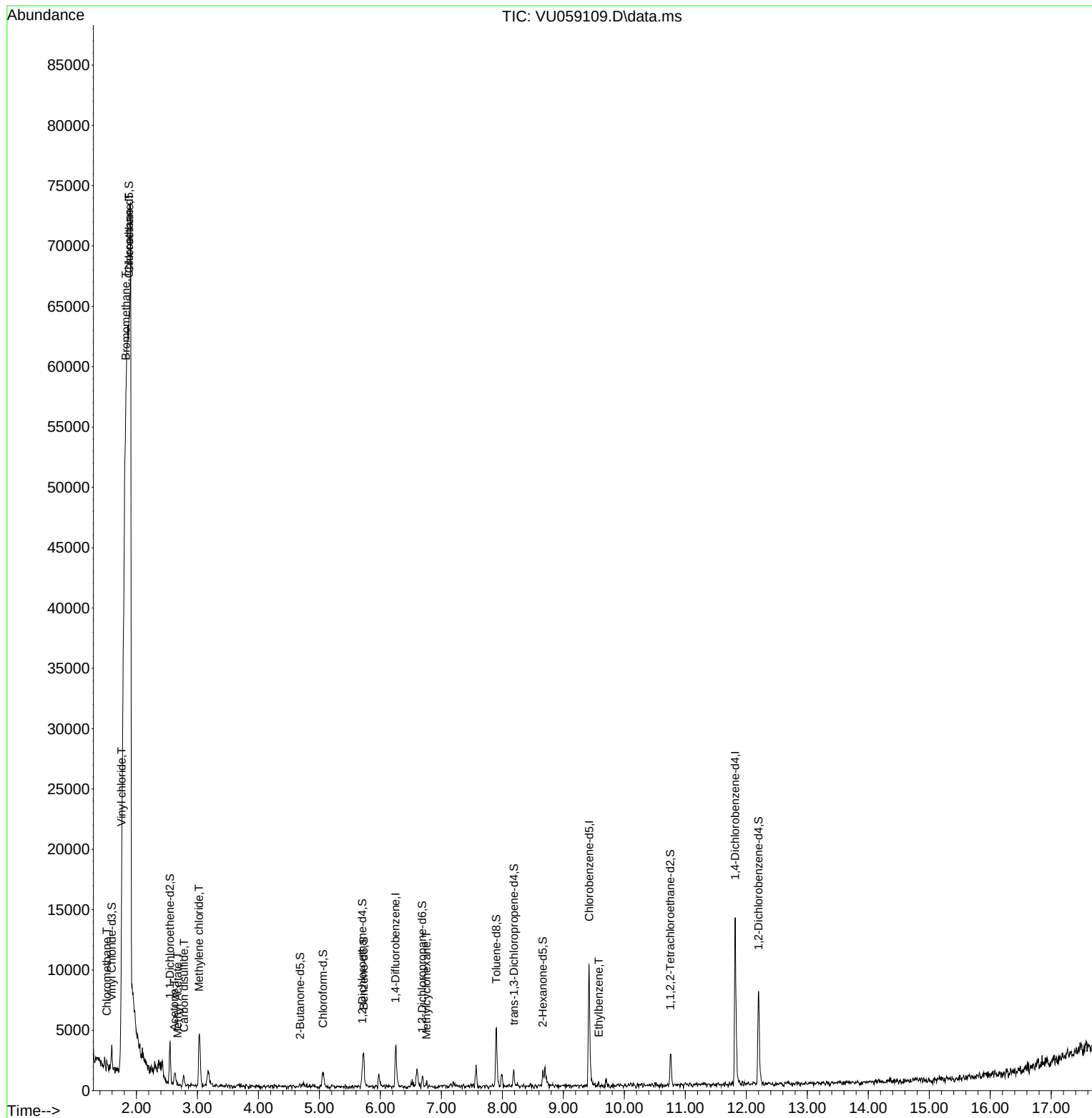
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	2002	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.422	117	6679	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	4573	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	1196	99.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 199.560%#	
7) Chloroethane-d5	1.875	69	1096	106.738	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	= 213.480%#	
11) 1,1-Dichloroethene-d2	2.547	63	2293	96.913	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	= 193.820%#	
21) 2-Butanone-d5	4.682	46	196	17.348	ug/L	0.07
Spiked Amount	100.000	Range	40 - 130	Recovery	= 17.350%#	
24) Chloroform-d	5.059	84	1260	52.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.600%	
26) 1,2-Dichloroethane-d4	5.702	65	647	44.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 88.480%	
32) Benzene-d6	5.727	84	2960	19.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 38.620%#	
36) 1,2-Dichloropropane-d6	6.682	67	358	6.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 13.540%#	
41) Toluene-d8	7.901	98	4019	30.884	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 61.760%#	
43) trans-1,3-Dichloroprop...	8.187	79	921	43.108	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	= 86.220%	
47) 2-Hexanone-d5	8.660	63	319	13.051	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	= 13.050%#	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	2077	23.219	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 46.440%#	
66) 1,2-Dichlorobenzene-d4	12.196	152	2871	42.069	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 84.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.512	50	391	16.678	ug/L	91
5) Vinyl chloride	1.756	62	46	1.997	ug/L	# 1
6) Bromomethane	1.824	94	646	35.052	ug/L	90
8) Chloroethane	1.882	64	87	6.056	ug/L	91
13) Acetone	2.618	43	496	37.349	ug/L	# 34
14) Carbon disulfide	2.779	76	878	18.429	ug/L	# 75
15) Methyl Acetate	2.673	43	45	2.139	ug/L	# 49
16) Methylene chloride	3.026	84	1055	55.119	ug/L	99
35) Methylcyclohexane	6.753	83	164	1.889	ug/L	# 49
52) Ethylbenzene	9.579	91	343	1.374	ug/L	# 45

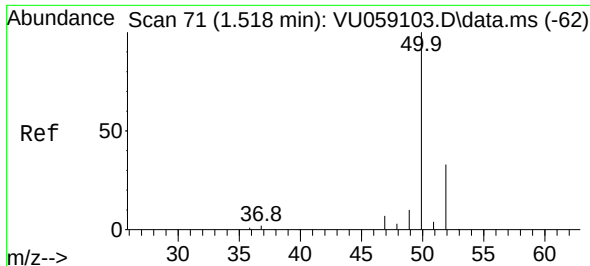
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 01 01:17:21 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 16.678 ug/L

RT: 1.512 min Scan# 60

Delta R.T. -0.006 min

Lab File: VU059109.D

Acq: 31 May 2024 13:02

Instrument :

MSVOA_U

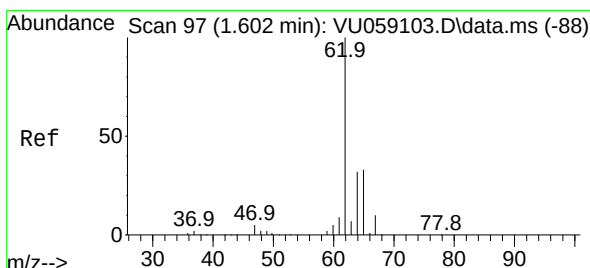
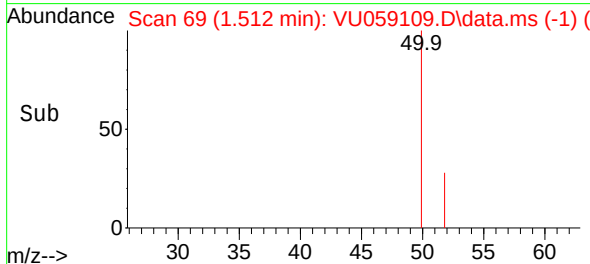
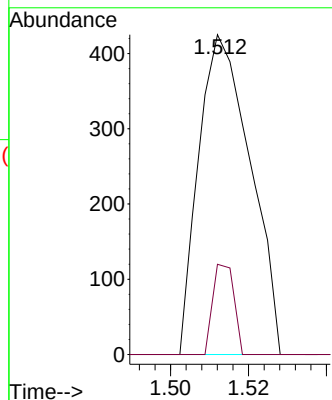
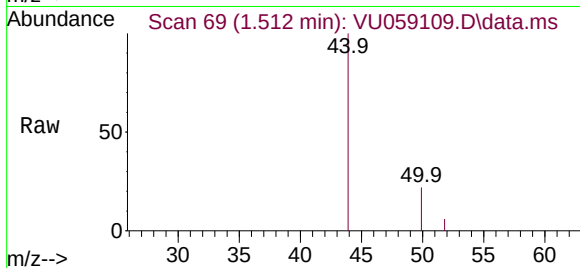
ClientSampleId :

Tgt Ion: 50 Resp: 391

Ion Ratio Lower Upper

50 100

52 28.2 23.2 43.2



#5

Vinyl chloride

Concen: 1.997 ug/L

RT: 1.756 min Scan# 145

Delta R.T. 0.154 min

Lab File: VU059109.D

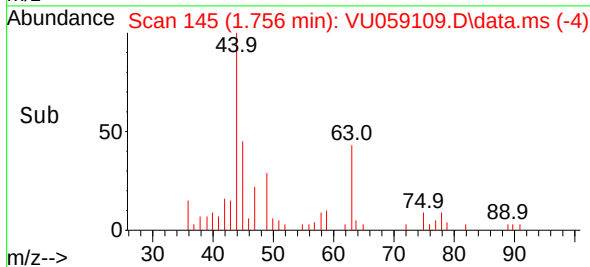
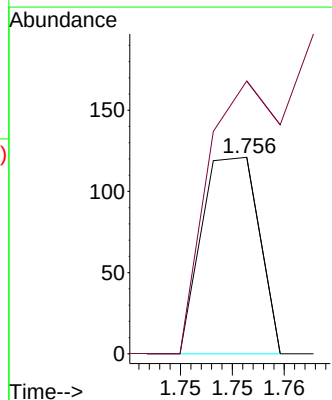
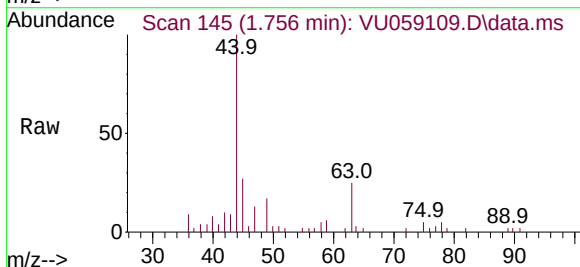
Acq: 31 May 2024 13:02

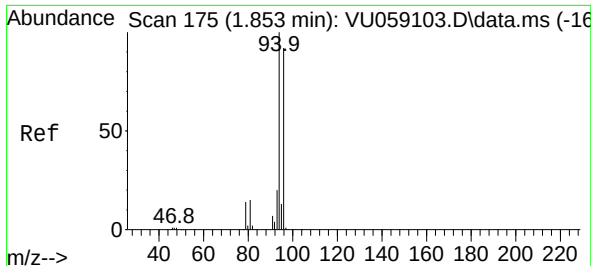
Tgt Ion: 62 Resp: 46

Ion Ratio Lower Upper

62 100

64 138.8 22.5 41.7#

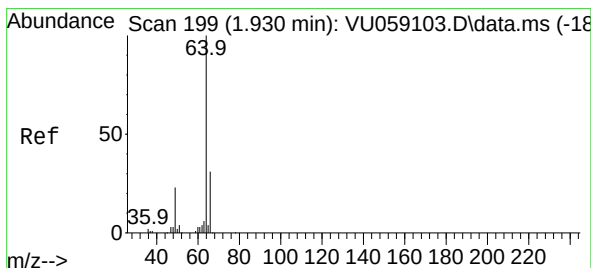
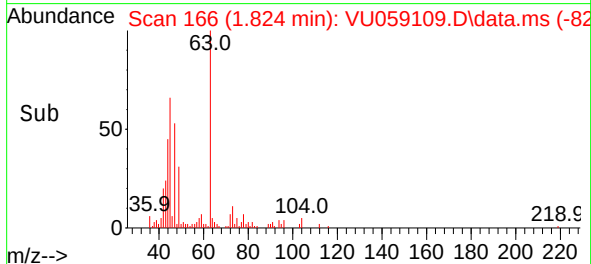
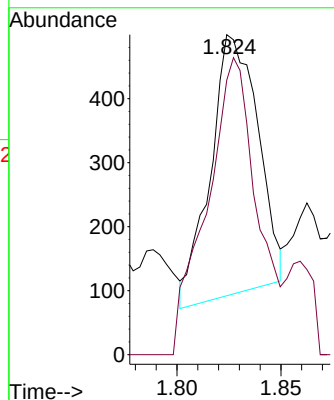
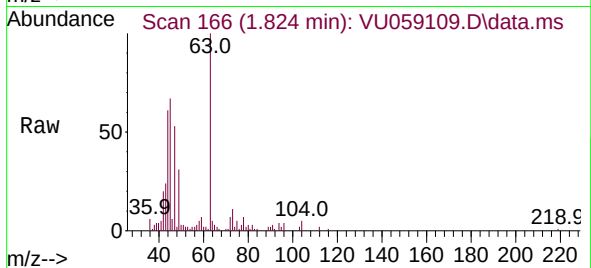




#6
Bromomethane
Concen: 35.052 ug/L
RT: 1.824 min Scan# 1
Delta R.T. -0.029 min
Lab File: VU059109.D
Acq: 31 May 2024 13:02

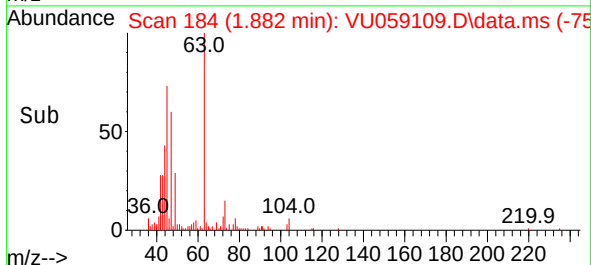
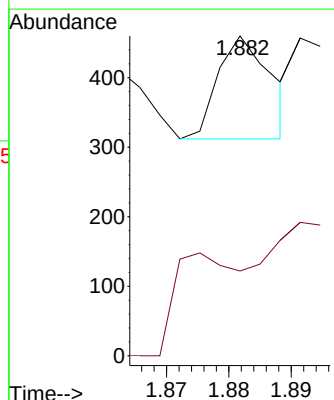
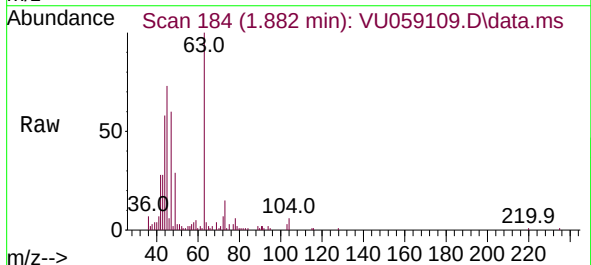
Instrument :
MSVOA_U
ClientSampleId :

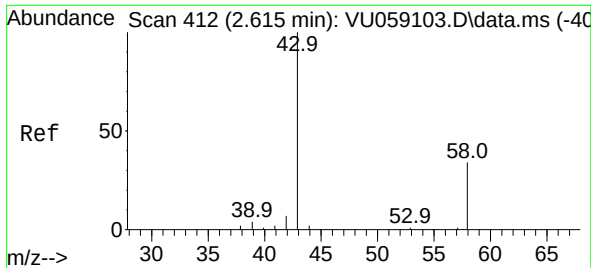
Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 85.8 67.1 124.7



#8
Chloroethane
Concen: 6.056 ug/L
RT: 1.882 min Scan# 184
Delta R.T. -0.048 min
Lab File: VU059109.D
Acq: 31 May 2024 13:02

Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 26.5 22.1 41.1





#13

Acetone

Concen: 37.349 ug/L

RT: 2.618 min Scan# 412

Delta R.T. 0.003 min

Lab File: VU059109.D

Acq: 31 May 2024 13:02

Instrument :

MSVOA_U

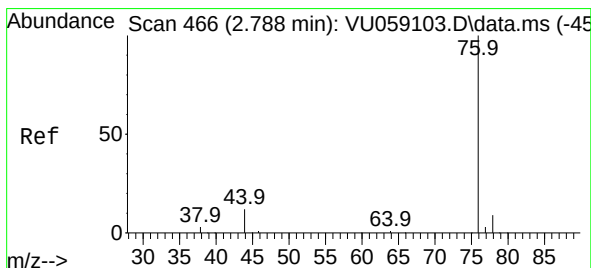
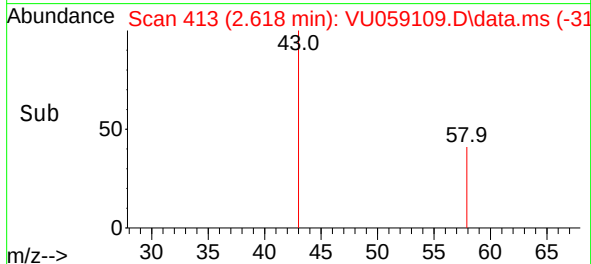
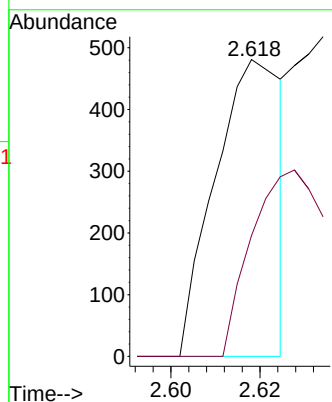
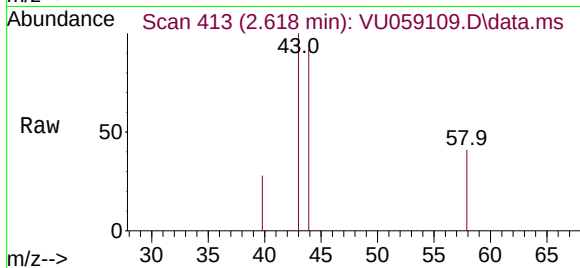
ClientSampleId :

Tgt Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

58 72.6 0.0 68.8#



#14

Carbon disulfide

Concen: 18.429 ug/L

RT: 2.779 min Scan# 463

Delta R.T. -0.009 min

Lab File: VU059109.D

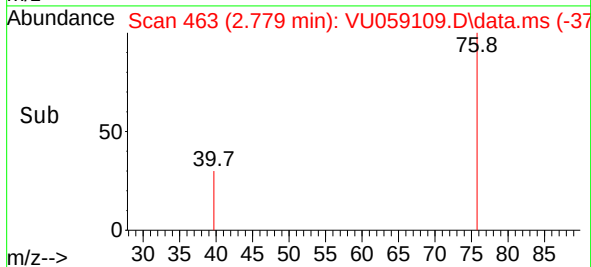
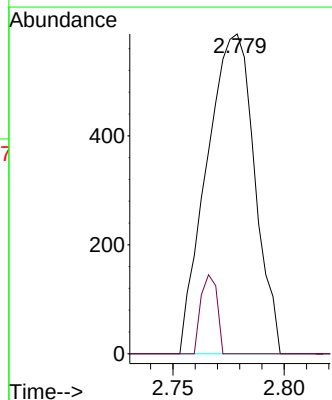
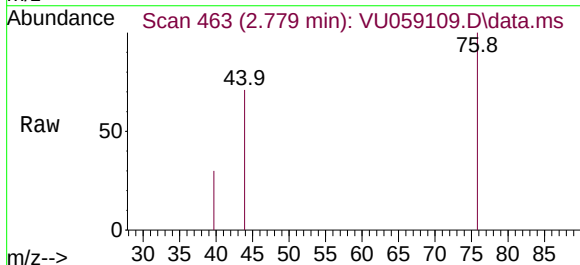
Acq: 31 May 2024 13:02

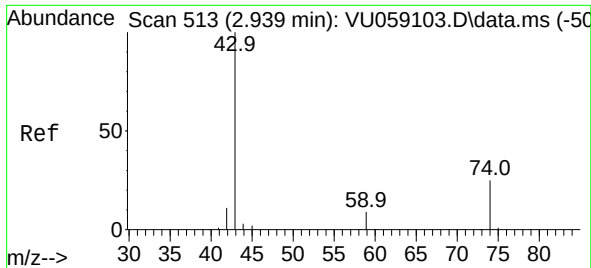
Tgt Ion: 76 Resp: 878

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

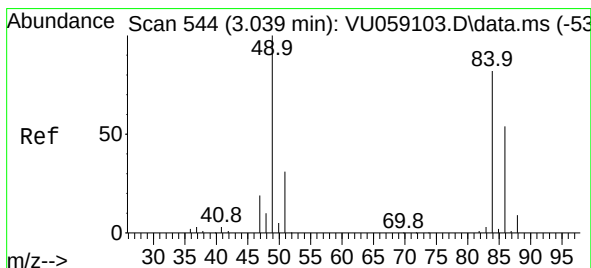
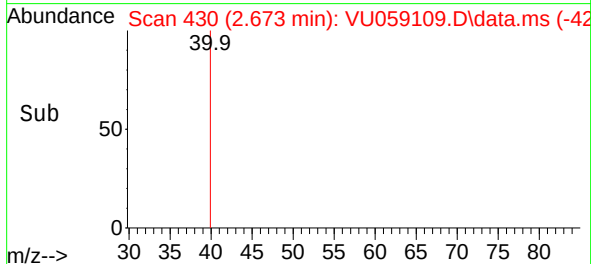
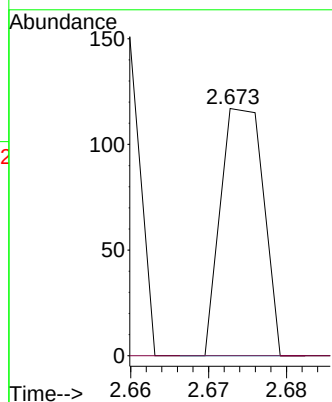
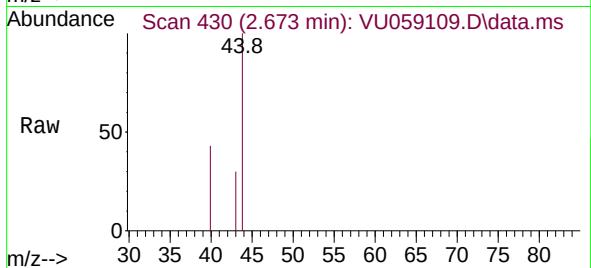




#15
Methyl Acetate
Concen: 2.139 ug/L
RT: 2.673 min Scan# 41
Delta R.T. -0.267 min
Lab File: VU059109.D
Acq: 31 May 2024 13:02

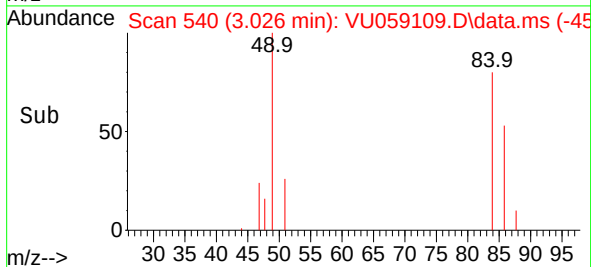
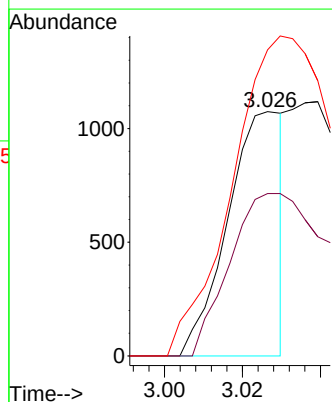
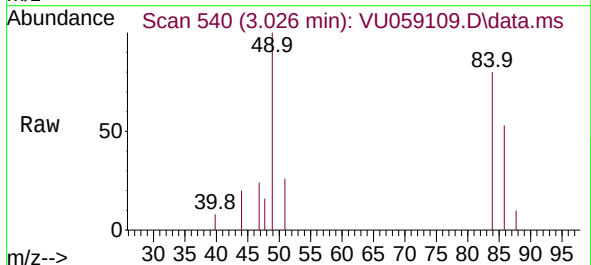
Instrument :
MSVOA_U
ClientSampleId :

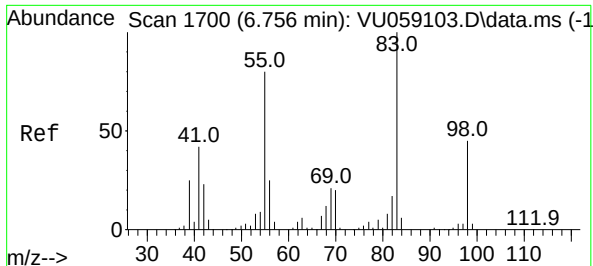
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 20.8 31.2#



#16
Methylene chloride
Concen: 55.119 ug/L
RT: 3.026 min Scan# 540
Delta R.T. -0.013 min
Lab File: VU059109.D
Acq: 31 May 2024 13:02

Tgt Ion: 84 Resp: 1055
Ion Ratio Lower Upper
84 100
86 66.5 44.9 83.3
49 125.3 87.5 162.5





#35

Methylcyclohexane

Concen: 1.889 ug/L

RT: 6.753 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU059109.D

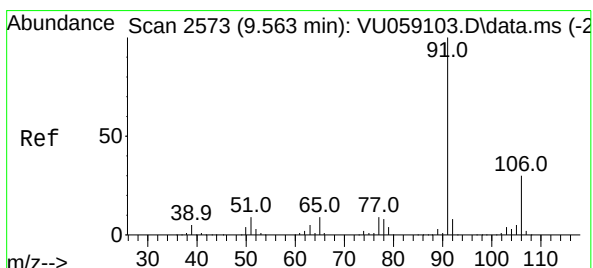
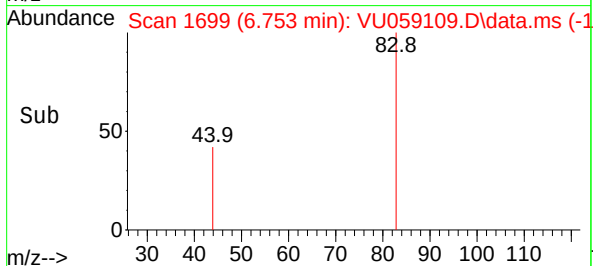
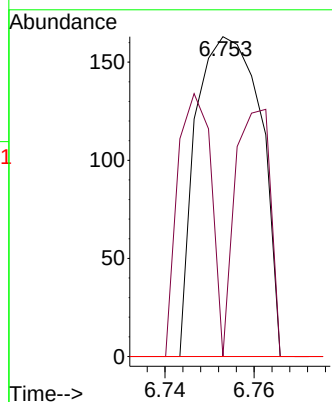
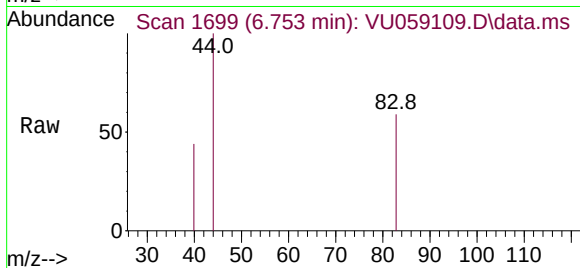
Acq: 31 May 2024 13:02

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	164
Ion Ratio	Lower	Upper
83	100	
55	42.7	63.9 95.9#
98	0.0	34.7 52.1#



#52

Ethylbenzene

Concen: 1.374 ug/L

RT: 9.579 min Scan# 2578

Delta R.T. 0.016 min

Lab File: VU059109.D

Acq: 31 May 2024 13:02

Tgt Ion: 91	Resp:	343
Ion Ratio	Lower	Upper
91	100	
106	0.0	21.0 39.0#

