

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052424\
 Data File : VU058970.D
 Acq On : 24 May 2024 14:54
 Operator : MD/SY
 Sample : P2548-07ME
 Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 22:28:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 22:25:41 2024
 Response via : Initial Calibration

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

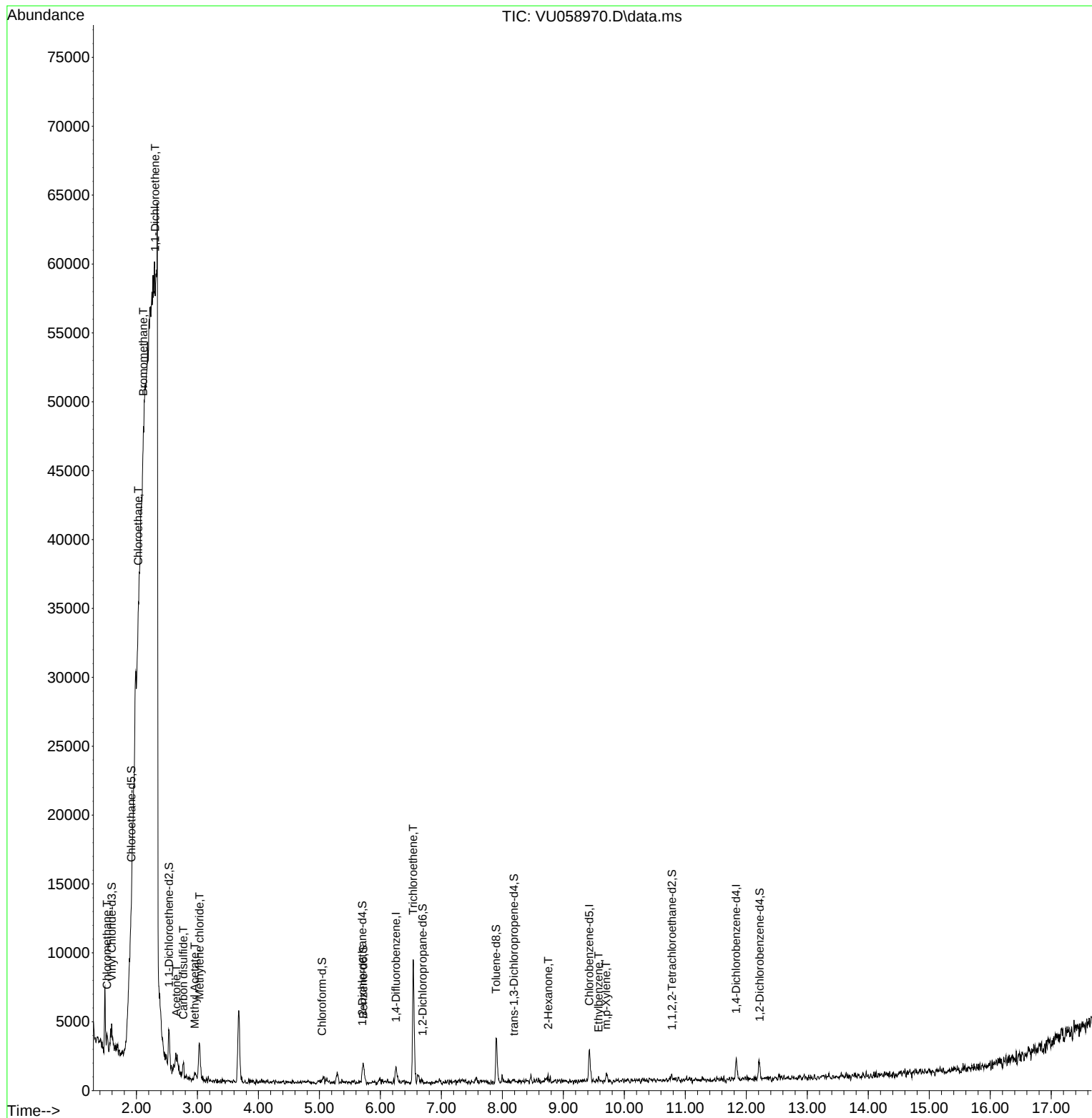
Internal Standards						
1) 1,4-Difluorobenzene	6.255	114	1877	50.000	ug/L	# 0.01
28) Chlorobenzene-d5	9.425	117	934	50.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	11.833	152	647	50.000	ug/L	0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	827	41.658	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.320%		
7) Chloroethane-d5	1.914	69	382	23.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	46.300%#		
11) 1,1-Dichloroethene-d2	2.535	63	1468	48.401	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.800%		
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount 100.000	Range 40 - 130		Recovery =	0.000%#		
24) Chloroform-d	5.043	84	72	2.114	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	4.220%#		
26) 1,2-Dichloroethane-d4	5.702	65	477	22.905	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	45.820%#		
32) Benzene-d6	5.718	84	535	16.802	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	33.600%#		
36) 1,2-Dichloropropane-d6	6.692	67	92	8.748	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	17.500%#		
41) Toluene-d8	7.898	98	2829	99.119	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	198.240%#		
43) trans-1,3-Dichloroprop...	8.187	79	49	10.376	ug/L	0.01
Spiked Amount 50.000	Range 60 - 125		Recovery =	20.760%#		
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 100.000	Range 45 - 130		Recovery =	0.000%#		
56) 1,1,2,2-Tetrachloroeth...	10.779	84	325	20.541	ug/L	0.03
Spiked Amount 50.000	Range 65 - 120		Recovery =	41.080%#		
66) 1,2-Dichlorobenzene-d4	12.219	152	502	37.603	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.200%#		
Target Compounds						Qvalue
3) Chloromethane	1.515	50	941	69.928	ug/L	94
6) Bromomethane	2.110	94	110	11.810	ug/L	82
8) Chloroethane	2.030	64	128	11.878	ug/L	93
12) 1,1-Dichloroethene	2.306	96	148	12.728	ug/L #	1
13) Acetone	2.654	43	676	56.226	ug/L	47
14) Carbon disulfide	2.766	76	1109	50.693	ug/L #	83
15) Methyl Acetate	2.956	43	467	24.103	ug/L #	50
16) Methylene chloride	3.033	84	1643	88.578	ug/L	80
34) Trichloroethene	6.538	95	3343	448.570	ug/L	92
48) 2-Hexanone	8.750	43	114	10.643	ug/L #	35
52) Ethylbenzene	9.576	91	206	6.324	ug/L #	45
53) m,p-Xylene	9.702	106	59	5.043	ug/L	78

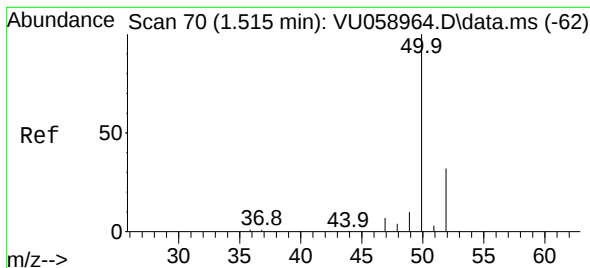
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 24 22:25:41 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 69.928 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU058970.D

Acq: 24 May 2024 14:54

Instrument :

MSVOA_U

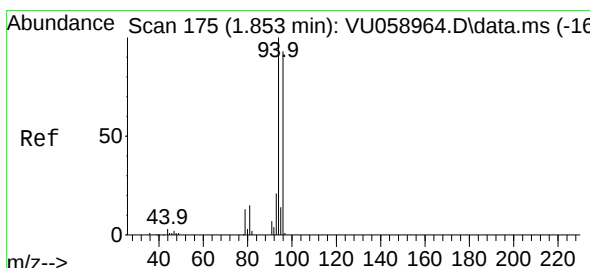
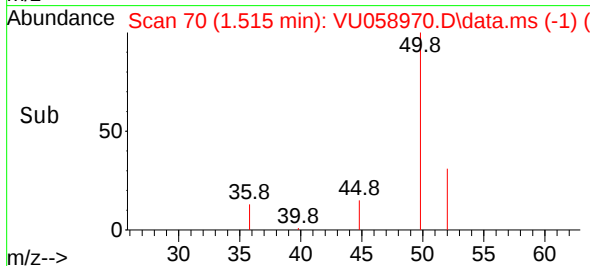
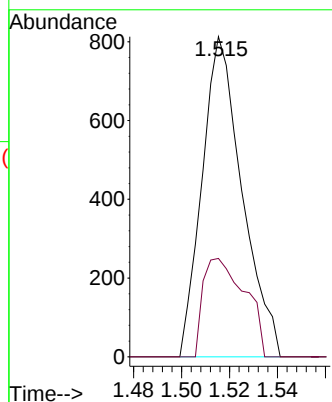
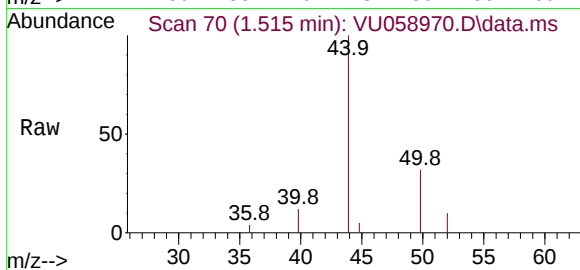
ClientSampleId :

Tgt Ion: 50 Resp: 941

Ion Ratio Lower Upper

50 100

52 30.8 23.9 44.3



#6

Bromomethane

Concen: 11.810 ug/L

RT: 2.110 min Scan# 255

Delta R.T. 0.257 min

Lab File: VU058970.D

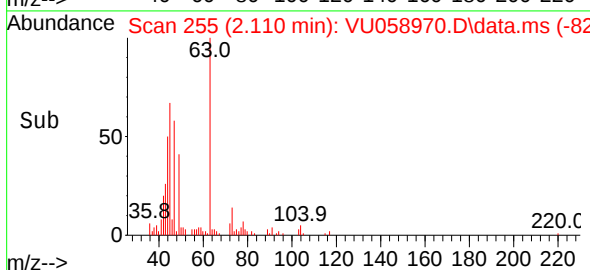
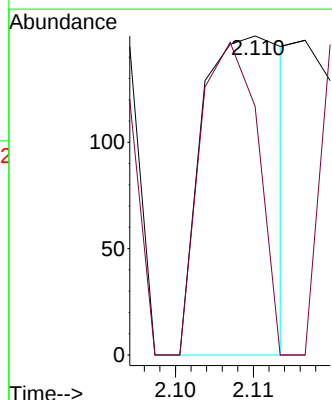
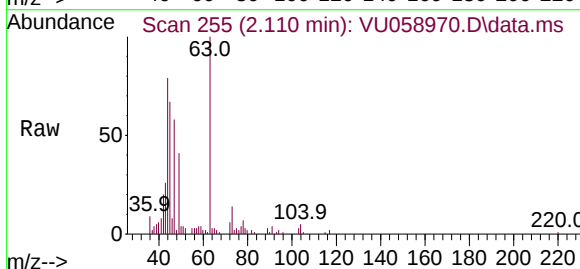
Acq: 24 May 2024 14:54

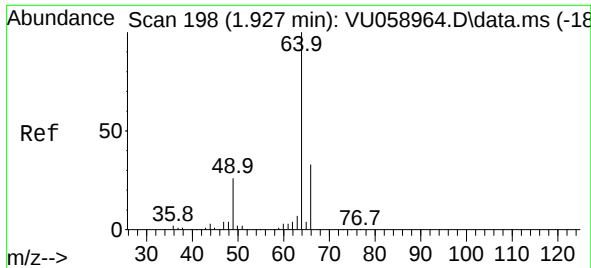
Tgt Ion: 94 Resp: 110

Ion Ratio Lower Upper

94 100

96 78.0 66.6 123.6

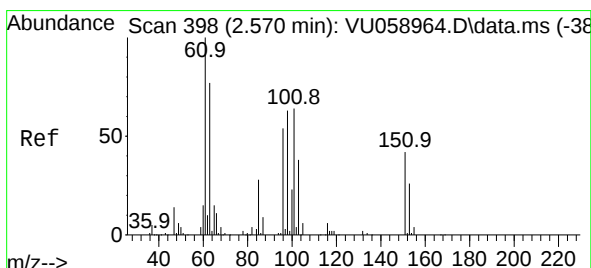
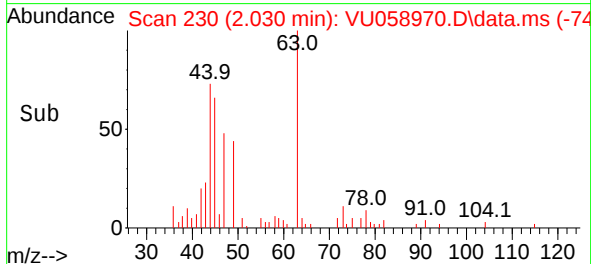
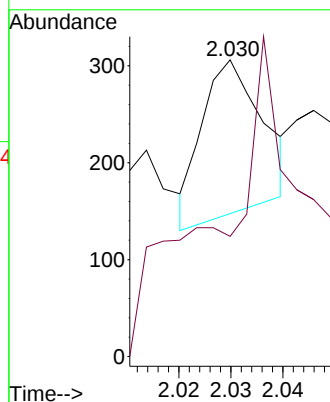
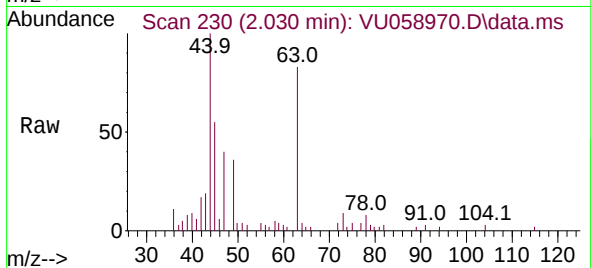




#8
Chloroethane
Concen: 11.878 ug/L
RT: 2.030 min Scan# 24
Delta R.T. 0.103 min
Lab File: VU058970.D
Acq: 24 May 2024 14:54

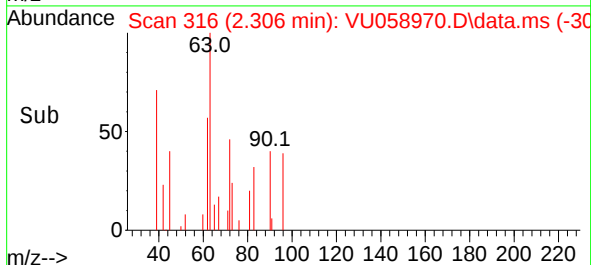
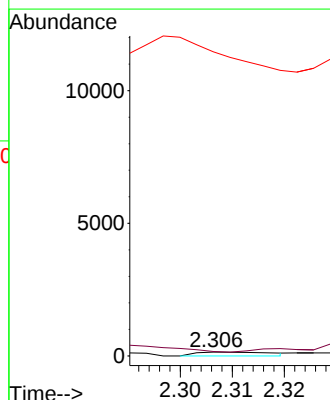
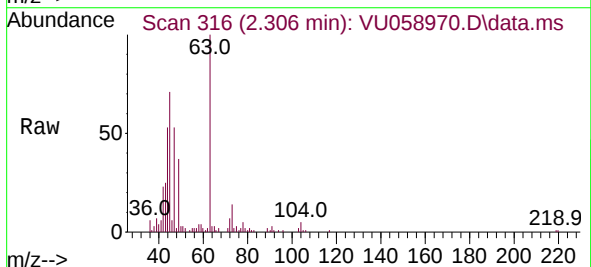
Instrument :
MSVOA_U
ClientSampleId :

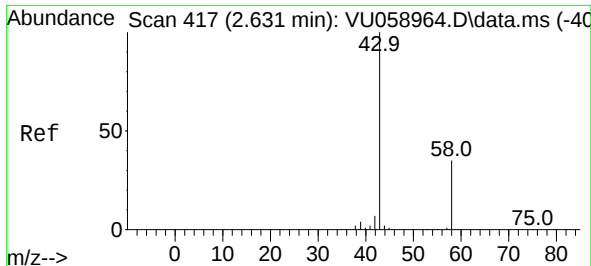
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 28.7 22.7 42.1



#12
1,1-Dichloroethene
Concen: 12.728 ug/L
RT: 2.306 min Scan# 316
Delta R.T. -0.264 min
Lab File: VU058970.D
Acq: 24 May 2024 14:54

Tgt Ion: 96 Resp: 148
Ion Ratio Lower Upper
96 100
61 118.7 122.2 227.0#
63 7960.4 102.8 190.8#





#13

Acetone

Concen: 56.226 ug/L

RT: 2.654 min Scan# 41

Delta R.T. 0.022 min

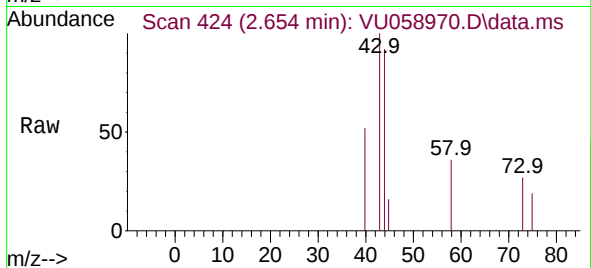
Lab File: VU058970.D

Acq: 24 May 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :

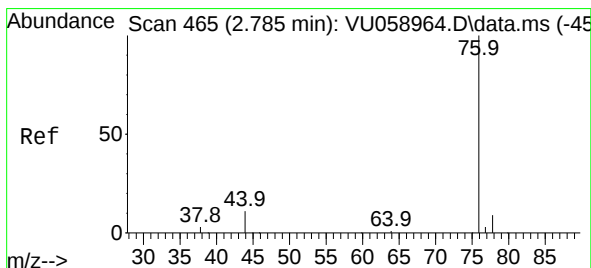
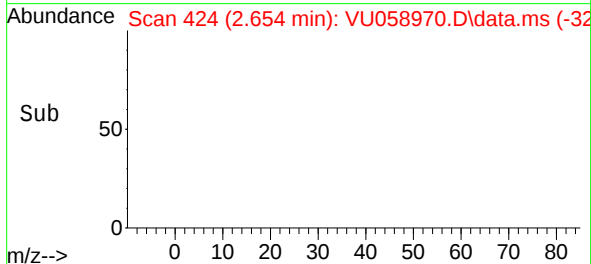
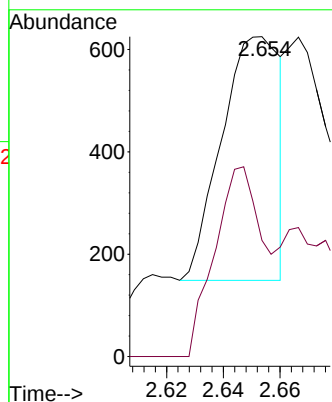


Tgt Ion: 43 Resp: 676

Ion Ratio Lower Upper

43 100

58 64.1 0.0 67.2



#14

Carbon disulfide

Concen: 50.693 ug/L

RT: 2.766 min Scan# 459

Delta R.T. -0.019 min

Lab File: VU058970.D

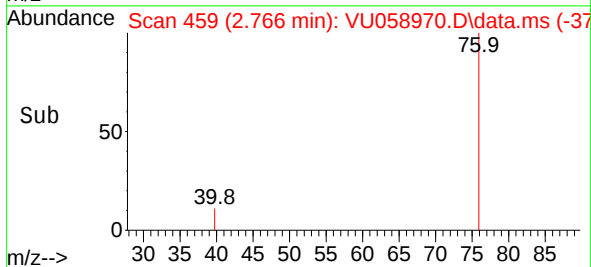
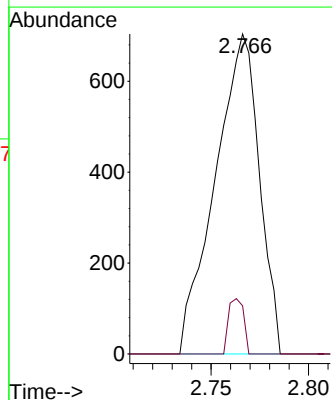
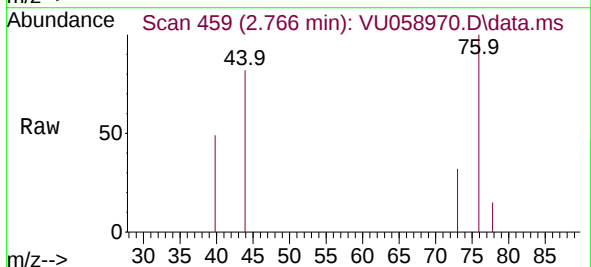
Acq: 24 May 2024 14:54

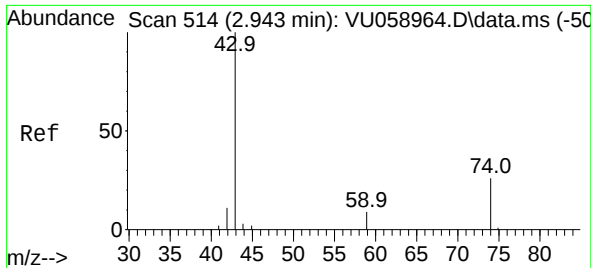
Tgt Ion: 76 Resp: 1109

Ion Ratio Lower Upper

76 100

78 15.1 7.1 10.7#





#15

Methyl Acetate

Concen: 24.103 ug/L

RT: 2.956 min Scan# 51

Delta R.T. 0.013 min

Lab File: VU058970.D

Acq: 24 May 2024 14:54

Instrument :

MSVOA_U

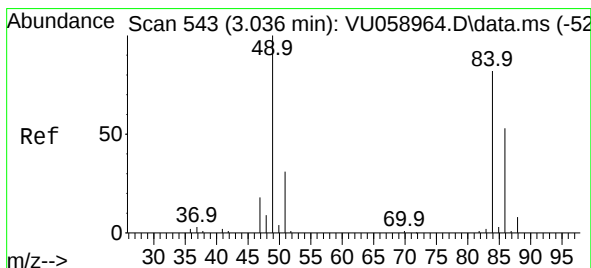
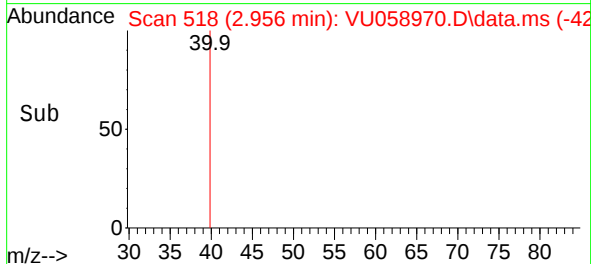
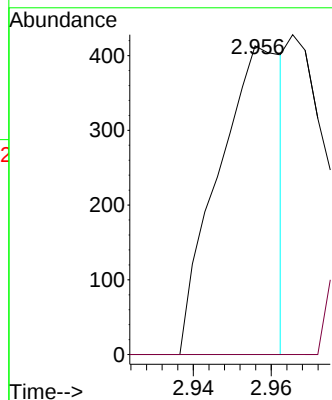
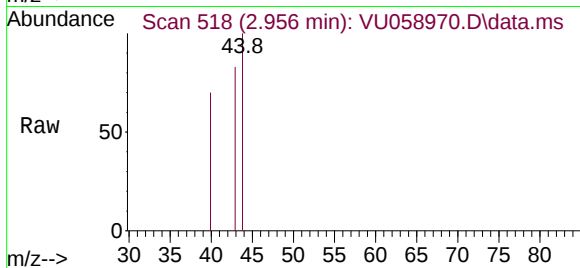
ClientSampleId :

Tgt Ion: 43 Resp: 467

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#



#16

Methylene chloride

Concen: 88.578 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU058970.D

Acq: 24 May 2024 14:54

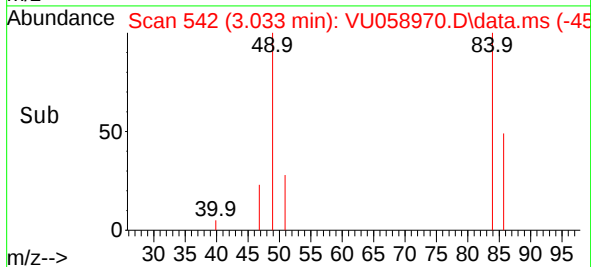
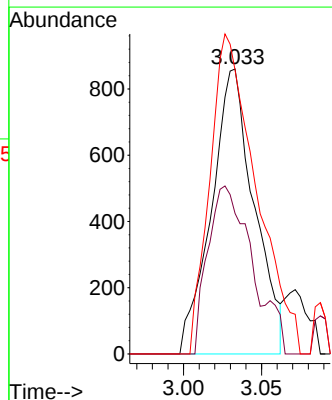
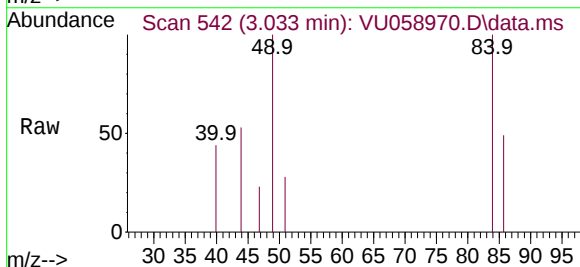
Tgt Ion: 84 Resp: 1643

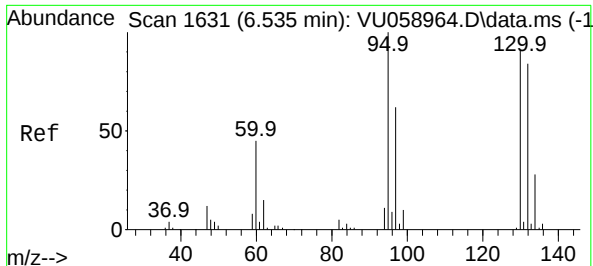
Ion Ratio Lower Upper

84 100

86 49.3 44.9 83.5

49 99.7 85.4 158.6





#34

Trichloroethene

Concen: 448.570 ug/L

RT: 6.538 min Scan# 1

Delta R.T. 0.003 min

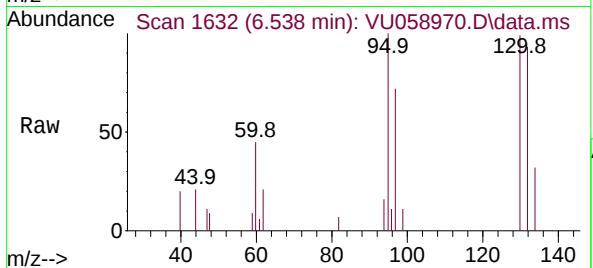
Lab File: VU058970.D

Acq: 24 May 2024 14:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 3343

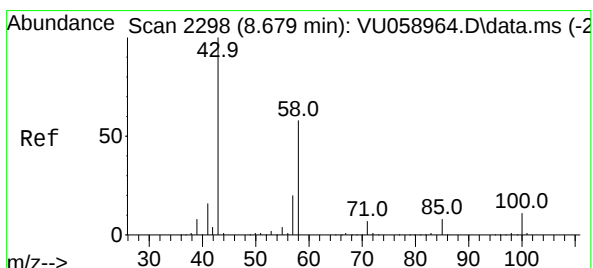
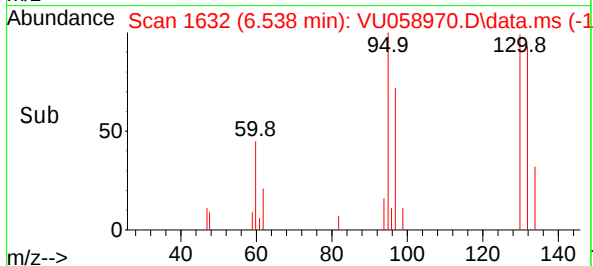
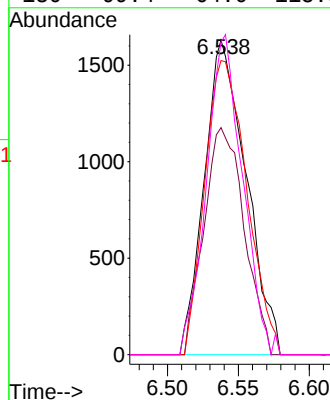
Ion Ratio Lower Upper

95 100

97 72.1 45.9 85.3

132 93.5 60.5 112.5

130 99.4 64.0 118.8



#48

2-Hexanone

Concen: 10.643 ug/L

RT: 8.750 min Scan# 2320

Delta R.T. 0.071 min

Lab File: VU058970.D

Acq: 24 May 2024 14:54

Tgt Ion: 43 Resp: 114

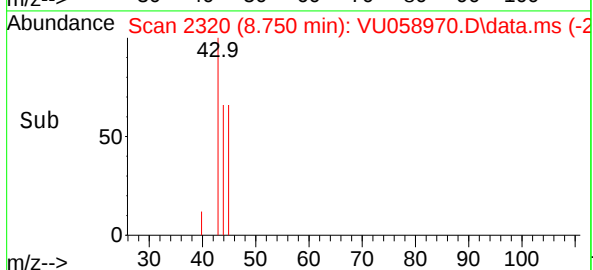
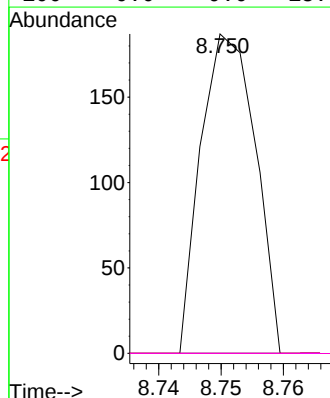
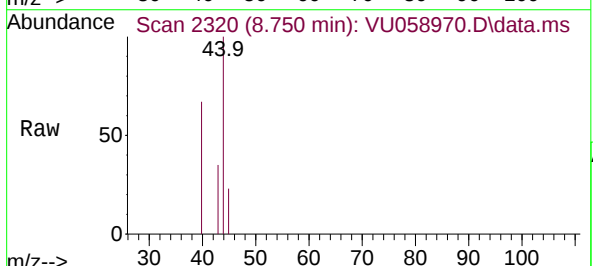
Ion Ratio Lower Upper

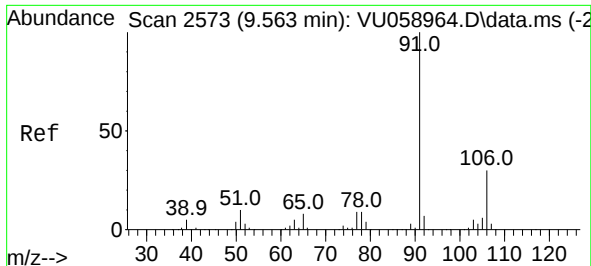
43 100

58 0.0 47.8 71.6#

57 0.0 15.7 23.5#

100 0.0 9.0 13.4#





#52

Ethylbenzene

Concen: 6.324 ug/L

RT: 9.576 min Scan# 2577

Delta R.T. 0.013 min

Lab File: VU058970.D

Acq: 24 May 2024 14:54

Instrument :

MSVOA_U

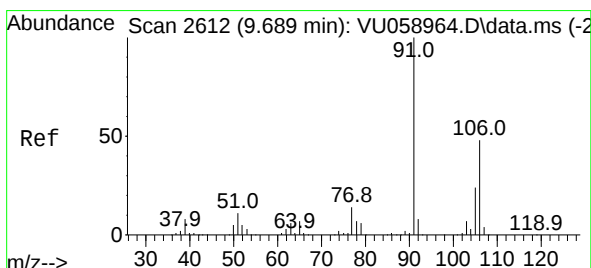
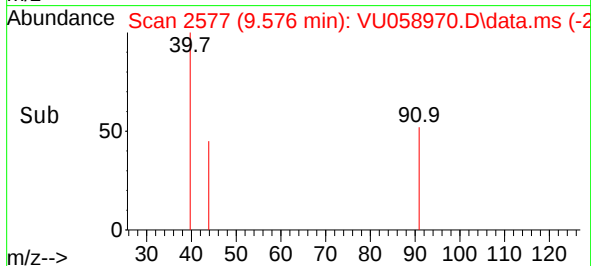
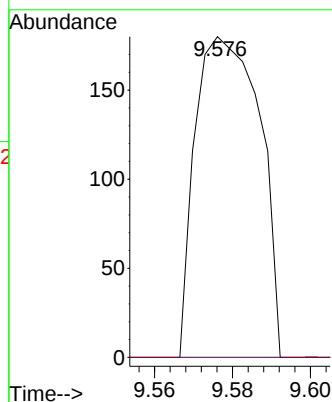
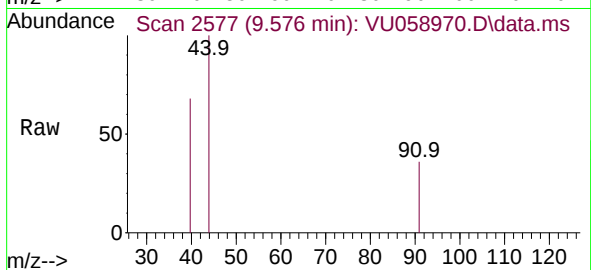
ClientSampleId :

Tgt Ion: 91 Resp: 206

Ion Ratio Lower Upper

91 100

106 0.0 20.8 38.6#



#53

m,p-Xylene

Concen: 5.043 ug/L

RT: 9.702 min Scan# 2616

Delta R.T. 0.013 min

Lab File: VU058970.D

Acq: 24 May 2024 14:54

Tgt Ion:106 Resp: 59

Ion Ratio Lower Upper

106 100

91 173.4 145.7 270.7

