

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055137.D
 Acq On : 06 Sep 2023 13:55
 Operator : MD/SY
 Sample : 04267-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:40:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

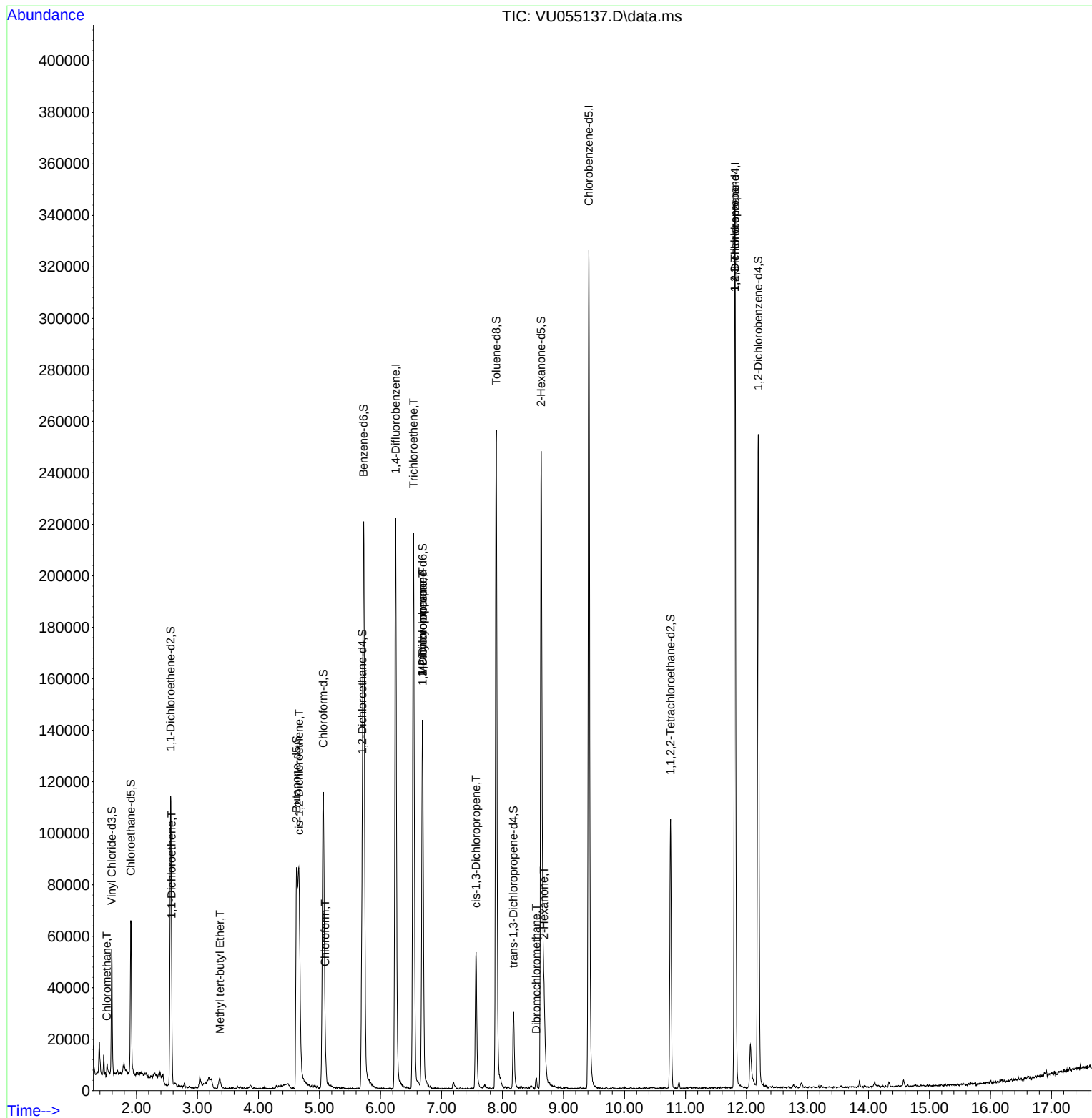
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173818	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	175853	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	89715	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	33640	4.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.600%	
7) Chloroethane-d5	1.907	69	41307	4.380	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.600%	
11) 1,1-Dichloroethene-d2	2.560	65	20310	4.375	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.600%	
20) 2-Butanone-d5	4.624	46	131311	55.545	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.080%	
24) Chloroform-d	5.062	84	103804	4.802	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.701	65	54211	5.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.724	84	203352	4.685	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.689	67	69778	5.054	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.897	98	175109	4.379	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	8.180	79	17244	4.535	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.634	63	78228	50.680	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.360%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	51159	5.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	65006	4.964	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	3070	0.299	ug/L	99
12) 1,1-Dichloroethene	2.576	96	3520	0.438	ug/L #	1
17) Methyl tert-butyl Ether	3.367	73	4043	0.192	ug/L #	88
22) cis-1,2-Dichloroethene	4.666	96	33426	3.349	ug/L	93
25) Chloroform	5.090	83	14083	0.767	ug/L	87
34) Trichloroethene	6.541	95	71772	6.900	ug/L	98
35) Methylcyclohexane	6.689	83	16236	1.112	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	7411	0.727	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	1686	0.122	ug/L #	82
48) 2-Hexanone	8.682	43	16146	3.546	ug/L #	89
49) Dibromochloromethane	8.553	129	842	0.112	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	11472	1.927	ug/L #	66

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

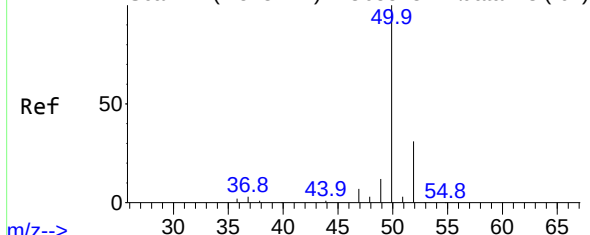
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Abundance Scan 71 (1.518 min): VU055132.D\data.ms (-62)



#3

Chloromethane

Concen: 0.299 ug/L

RT: 1.515 min Scan# 70

Delta R.T. 0.000 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

Instrument :

MSVOA_U

ClientSampleId :

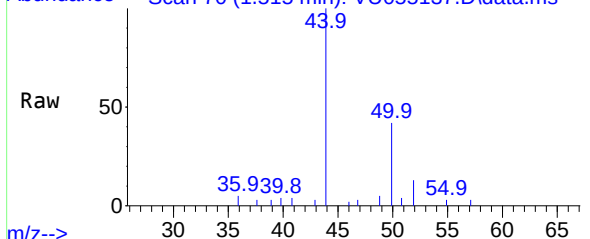
Tgt Ion: 50 Resp: 3070

Ion Ratio Lower Upper

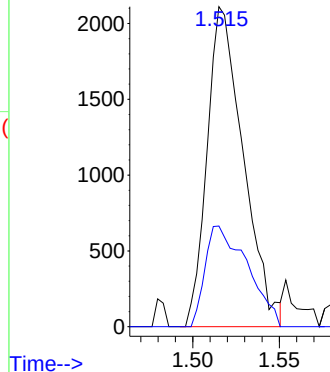
50 100

52 31.5 22.5 41.7

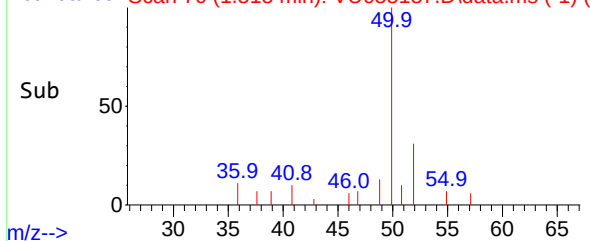
Abundance Scan 70 (1.515 min): VU055137.D\data.ms



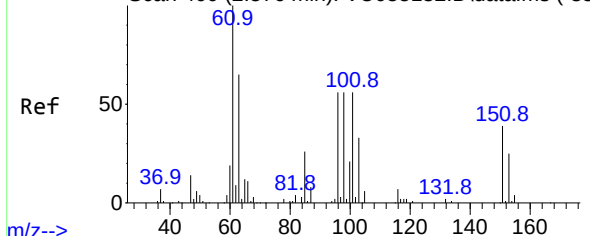
Abundance



Abundance Scan 70 (1.515 min): VU055137.D\data.ms (-1)



Abundance Scan 400 (2.576 min): VU055132.D\data.ms (-38)



#12

1,1-Dichloroethene

Concen: 0.438 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

Tgt Ion: 96 Resp: 3520

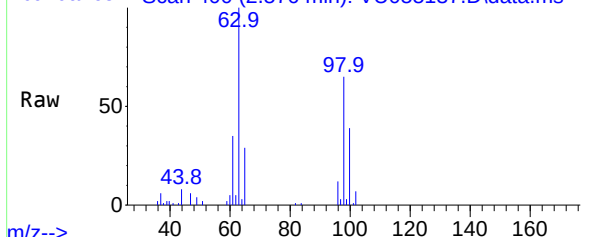
Ion Ratio Lower Upper

96 100

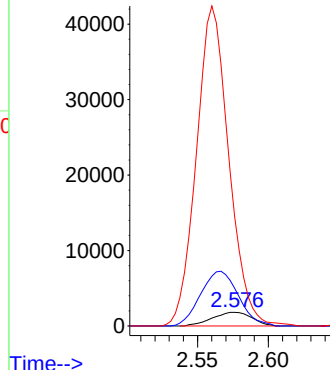
61 276.9 120.8 224.4#

63 802.5 94.5 175.5#

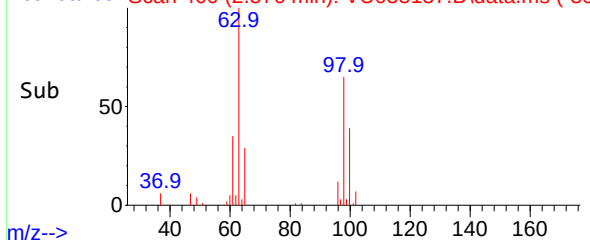
Abundance Scan 400 (2.576 min): VU055137.D\data.ms

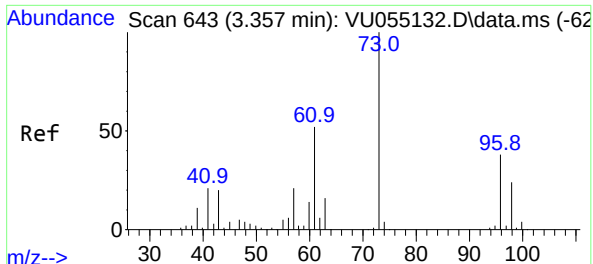


Abundance



Abundance Scan 400 (2.576 min): VU055137.D\data.ms (-30)





#17

Methyl tert-butyl Ether

Concen: 0.192 ug/L

RT: 3.367 min Scan# 64

Delta R.T. 0.003 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

Instrument :

MSVOA_U

ClientSampleId :

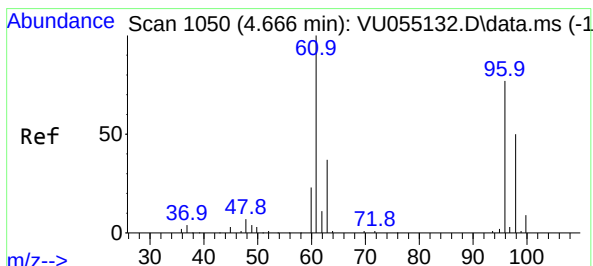
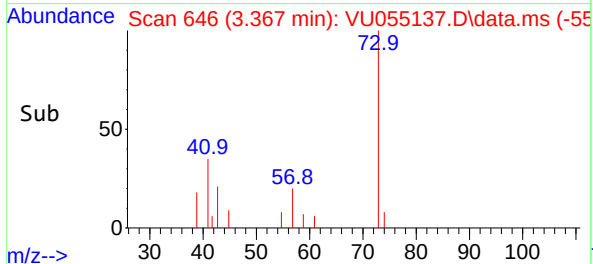
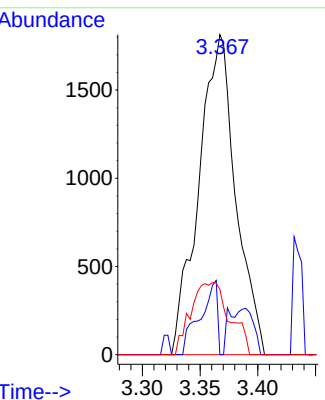
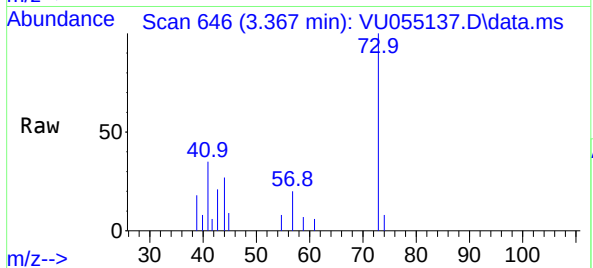
Tgt Ion: 73 Resp: 4043

Ion Ratio Lower Upper

73 100

43 10.8 16.2 24.2#

57 23.7 17.4 26.2



#22

cis-1,2-Dichloroethene

Concen: 3.349 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.003 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

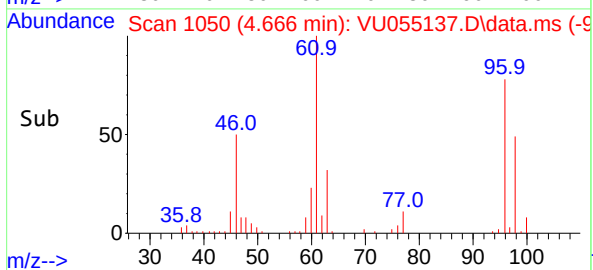
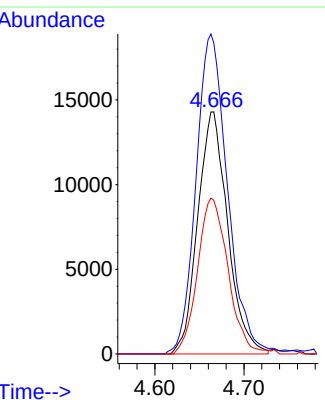
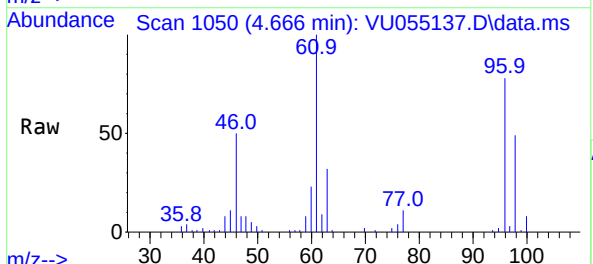
Tgt Ion: 96 Resp: 33426

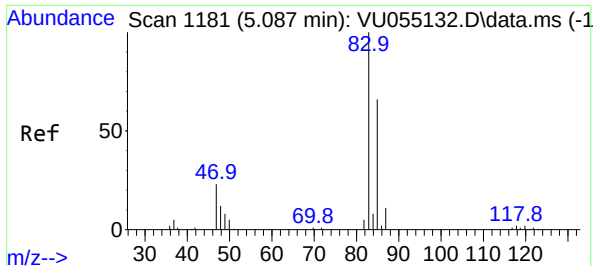
Ion Ratio Lower Upper

96 100

61 128.5 97.2 180.4

98 63.5 46.1 85.7





#25

Chloroform

Concen: 0.767 ug/L

RT: 5.090 min Scan# 1181

Delta R.T. 0.003 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

Instrument :

MSVOA_U

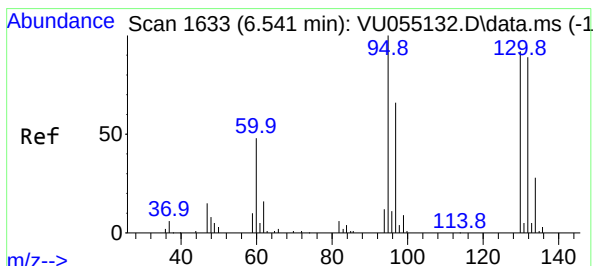
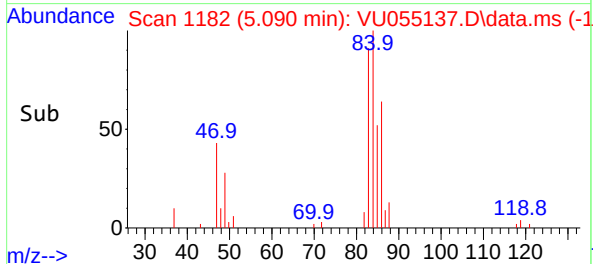
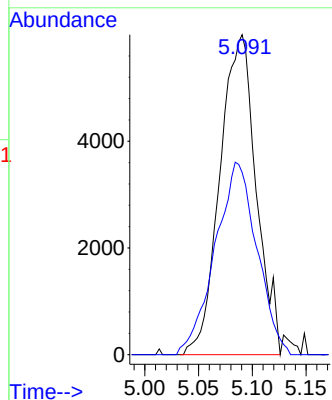
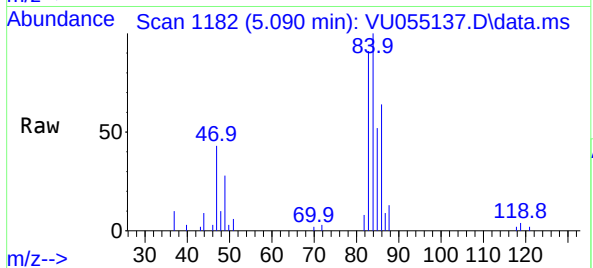
ClientSampleId :

Tgt Ion: 83 Resp: 14083

Ion Ratio Lower Upper

83 100

85 57.0 47.2 87.6



#34

Trichloroethene

Concen: 6.900 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

Tgt Ion: 95 Resp: 71772

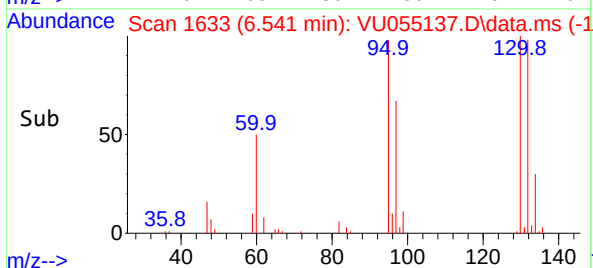
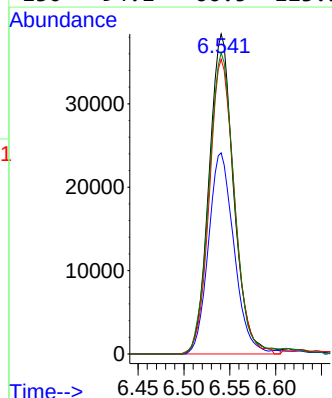
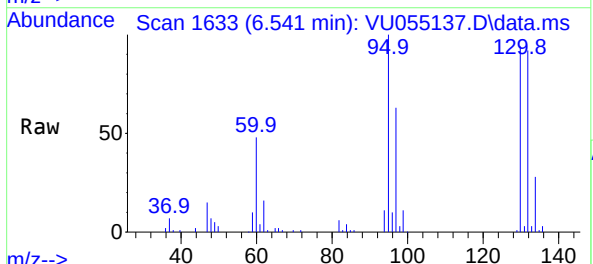
Ion Ratio Lower Upper

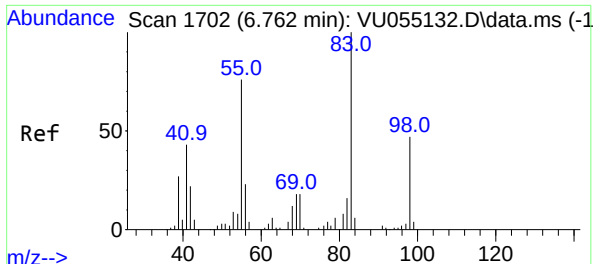
95 100

97 62.8 44.7 83.1

132 92.1 66.6 123.6

130 94.1 66.5 123.5





#35

Methylcyclohexane

Concen: 1.112 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055137.D

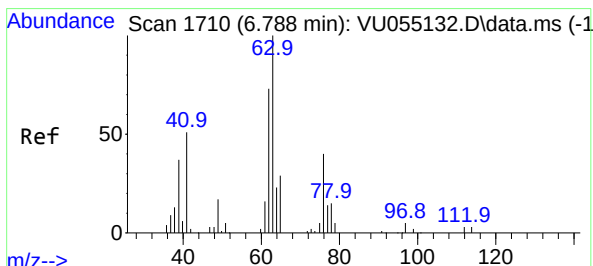
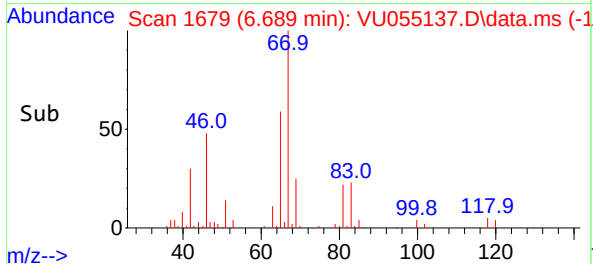
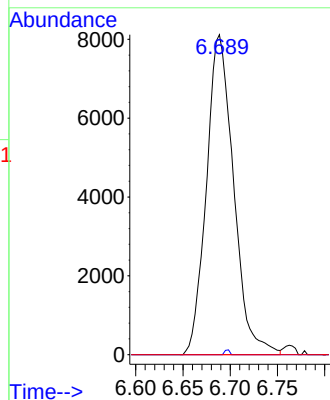
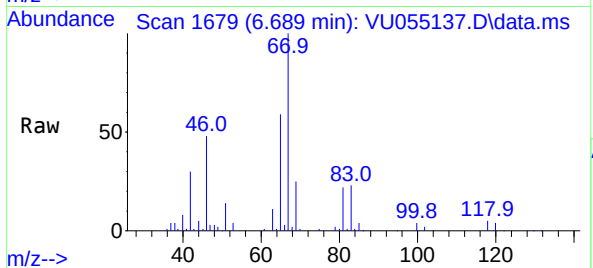
Acq: 06 Sep 2023 13:55

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	16236
Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.4	90.6#
98	0.0	35.3	52.9#



#37

1,2-Dichloropropane

Concen: 0.727 ug/L

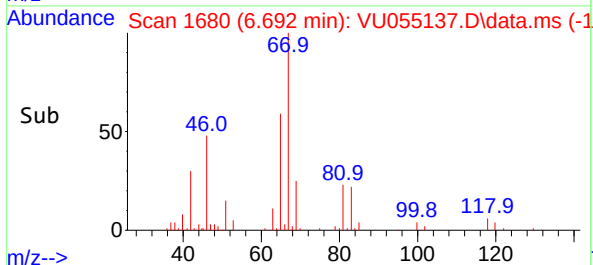
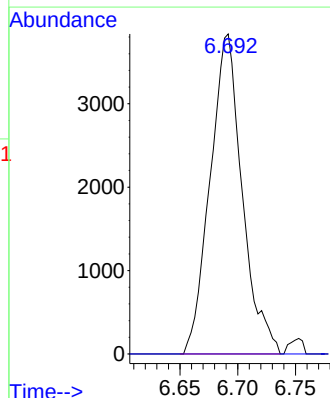
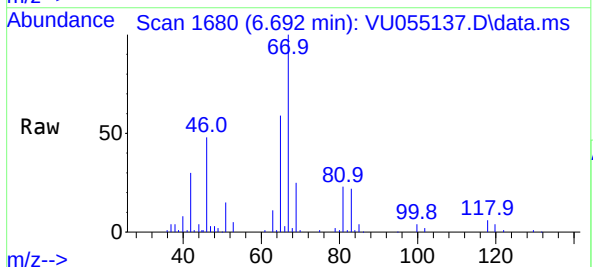
RT: 6.692 min Scan# 1680

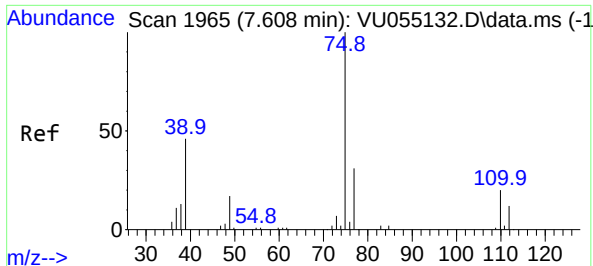
Delta R.T. -0.096 min

Lab File: VU055137.D

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Tgt Ion:	63	Resp:	7411
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

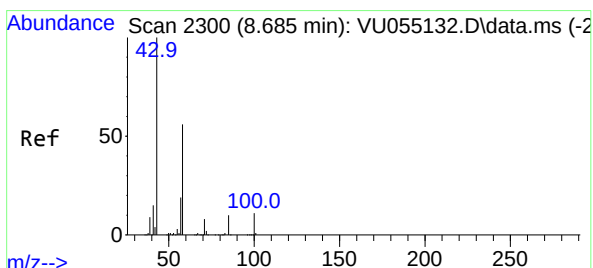
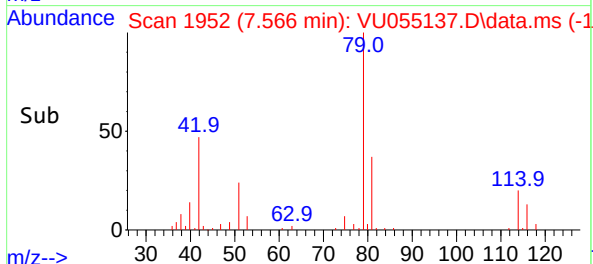
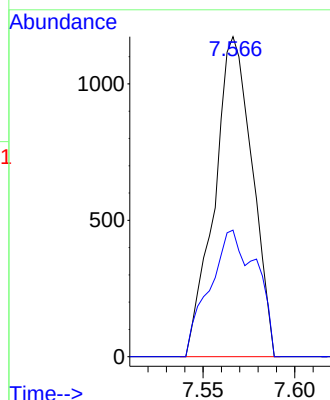
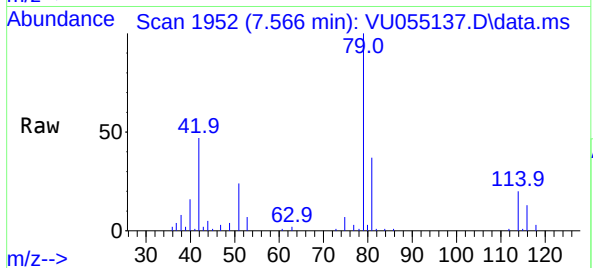




#39
cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.566 min Scan# 1965
Delta R.T. -0.042 min
Lab File: VU055137.D
Acq: 06 Sep 2023 13:55

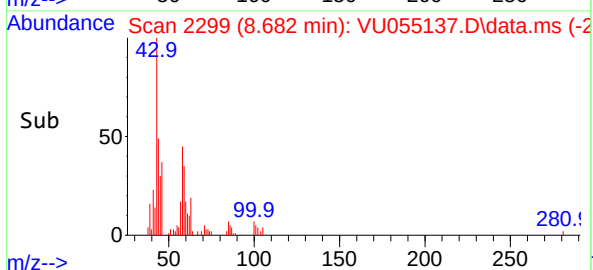
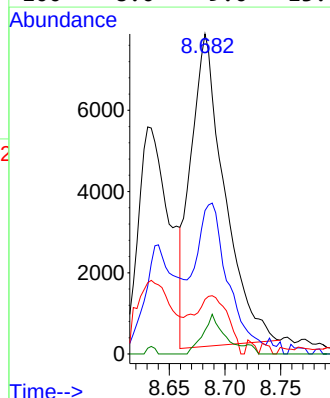
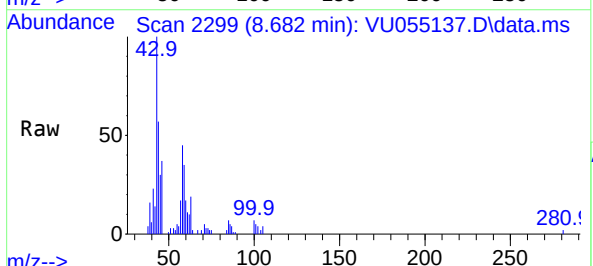
Instrument :
MSVOA_U
ClientSampleId :

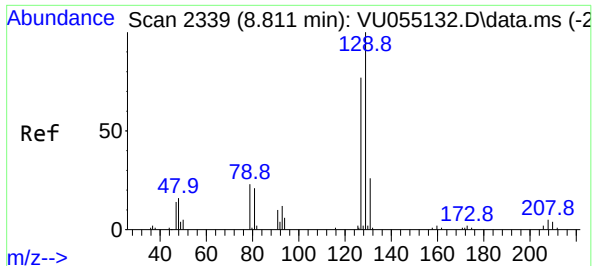
Tgt Ion: 75 Resp: 1686
Ion Ratio Lower Upper
75 100
77 39.6 20.9 38.9#



#48
2-Hexanone
Concen: 3.546 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055137.D
Acq: 06 Sep 2023 13:55

Tgt Ion: 43 Resp: 16146
Ion Ratio Lower Upper
43 100
58 46.4 44.0 66.0
57 15.6 16.2 24.2#
100 8.0 9.0 13.4#





#49

Dibromochloromethane

Concen: 0.112 ug/L

RT: 8.553 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

Instrument :

MSVOA_U

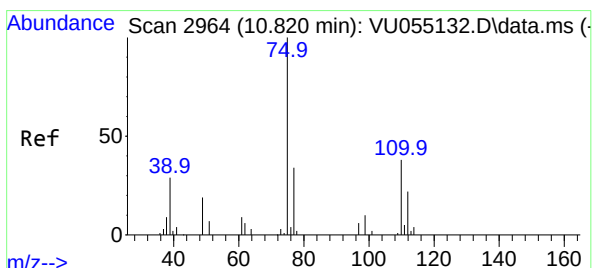
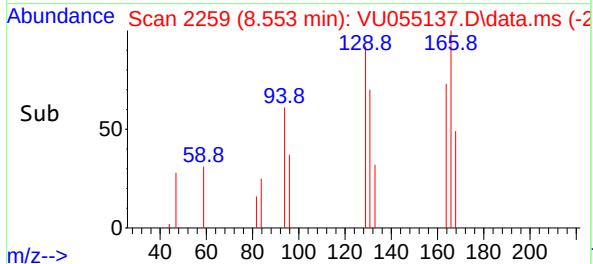
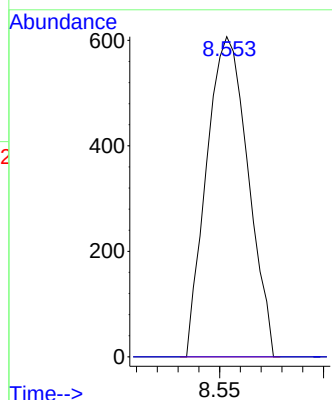
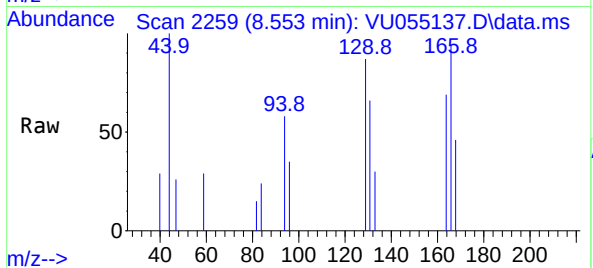
ClientSampleId :

Tgt Ion:129 Resp: 842

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 1.927 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055137.D

Acq: 06 Sep 2023 13:55

Tgt Ion: 75 Resp: 11472

Ion Ratio Lower Upper

75 100

110 1.1 28.2 42.2#

77 37.0 26.2 39.4

