

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055317.D
 Acq On : 14 Sep 2023 19:42
 Operator : MD/SY
 Sample : 04380-04 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 03:04:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

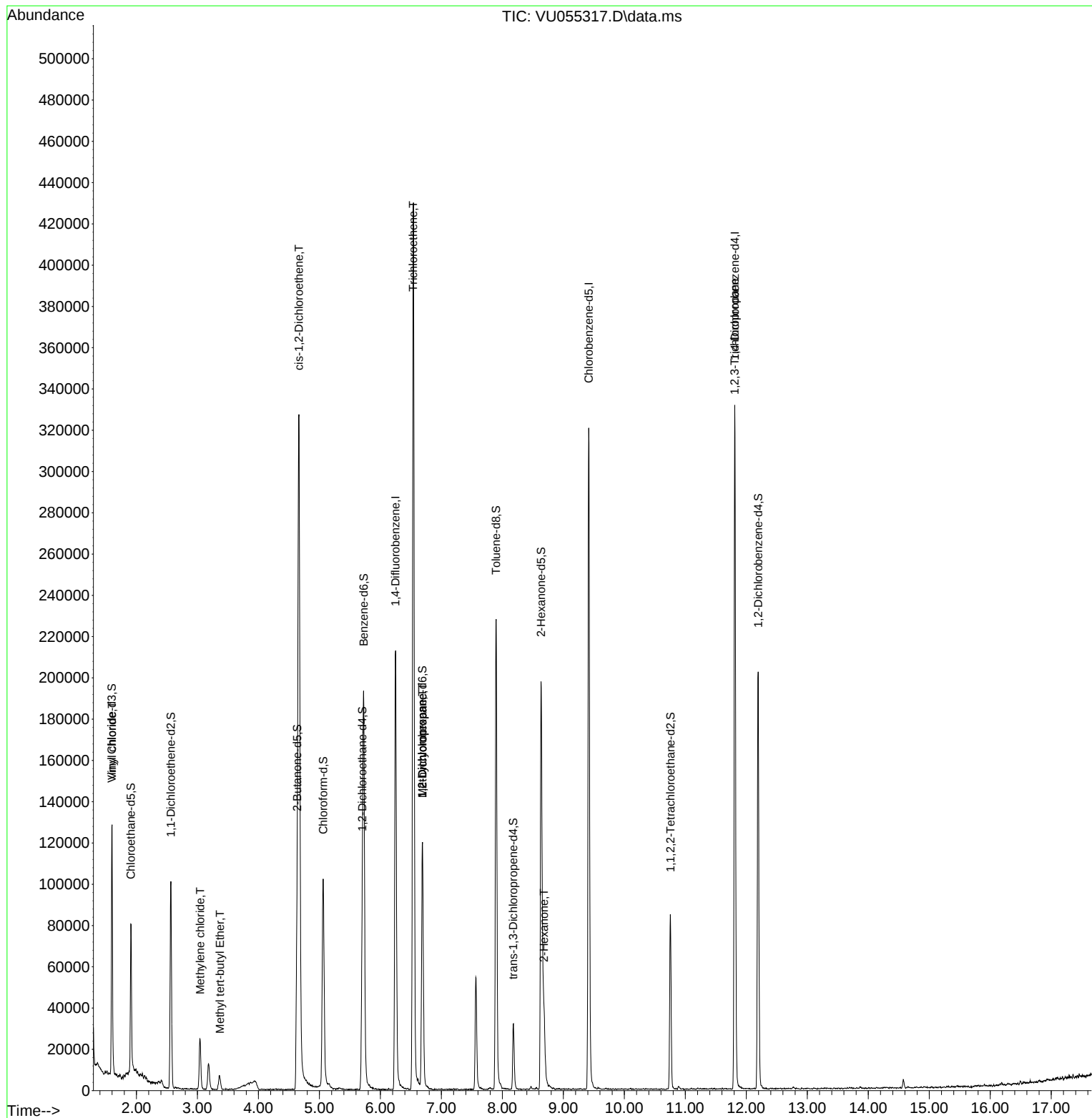
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	176093	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	180019	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	86113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50861	6.163	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	123.200%	
7) Chloroethane-d5	1.907	69	50659	5.303	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.000%	
11) 1,1-Dichloroethene-d2	2.563	65	18446	3.923	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.400%	
20) 2-Butanone-d5	4.634	46	111977	46.754	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.500%	
24) Chloroform-d	5.062	84	93647	4.276	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
26) 1,2-Dichloroethane-d4	5.702	65	48577	4.434	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.600%	
32) Benzene-d6	5.724	84	183246	4.124	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.689	67	58211	4.119	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.898	98	157295	3.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.800%	
43) trans-1,3-Dichloroprop...	8.177	79	18687	4.801	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.000%	
46) 2-Hexanone-d5	8.634	63	63415	40.133	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.260%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	41988	4.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	51603	4.105	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	41752	3.799	ug/L	94
16) Methylene chloride	3.042	84	11408	0.917	ug/L	97
17) Methyl tert-butyl Ether	3.367	73	6328	0.296	ug/L #	89
22) cis-1,2-Dichloroethene	4.663	96	160822	15.906	ug/L	93
34) Trichloroethene	6.538	95	149437	14.034	ug/L	95
35) Methylcyclohexane	6.689	83	14379	0.962	ug/L #	19
37) 1,2-Dichloropropane	6.689	63	6704	0.643	ug/L #	88
48) 2-Hexanone	8.682	43	20133	4.320	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	11673	2.043	ug/L #	69

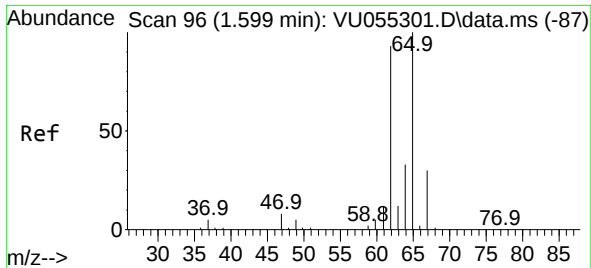
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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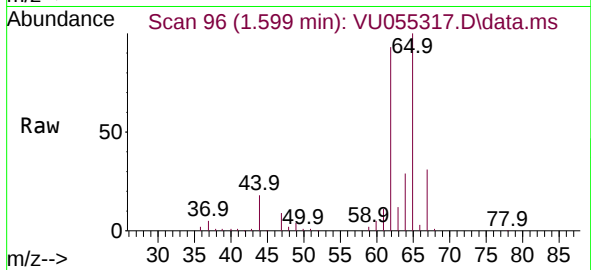
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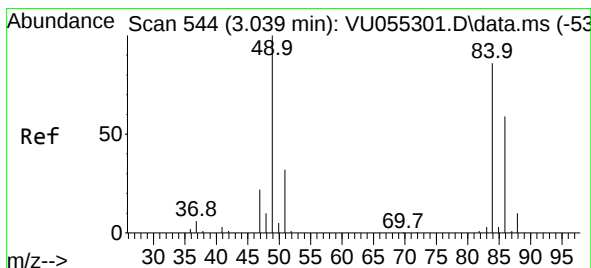
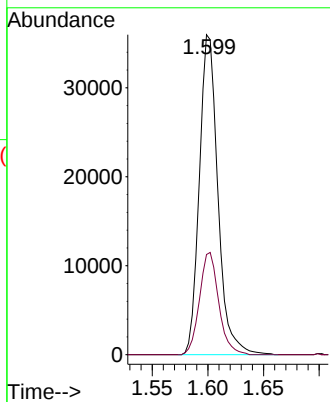
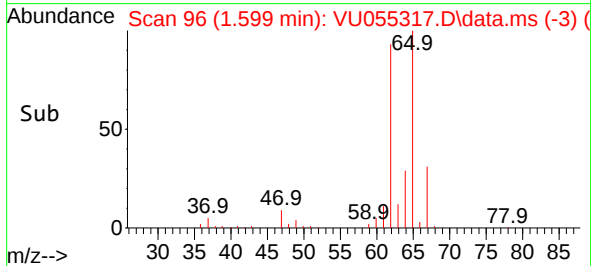


#5
 Vinyl chloride
 Concen: 3.799 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU055317.D
 Acq: 14 Sep 2023 19:42

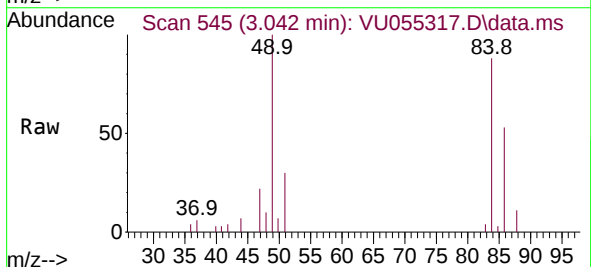
Instrument :
 MSVOA_U
 ClientSampleId :



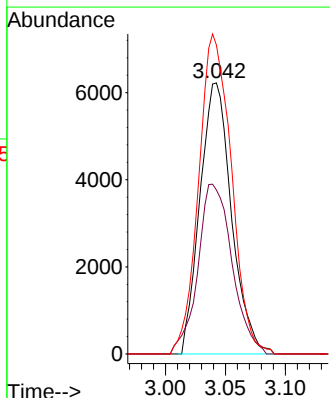
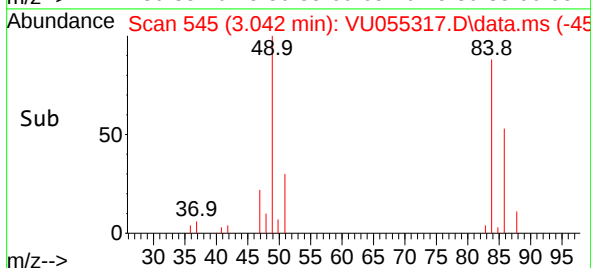
Tgt Ion: 62 Resp: 41752
 Ion Ratio Lower Upper
 62 100
 64 31.3 24.2 45.0

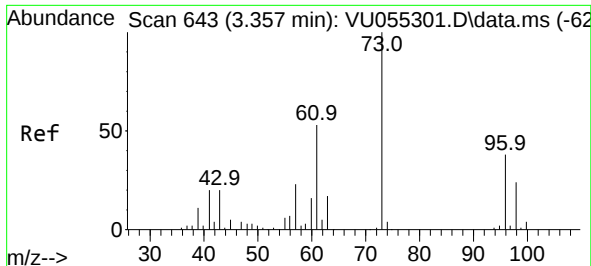


#16
 Methylene chloride
 Concen: 0.917 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. 0.003 min
 Lab File: VU055317.D
 Acq: 14 Sep 2023 19:42



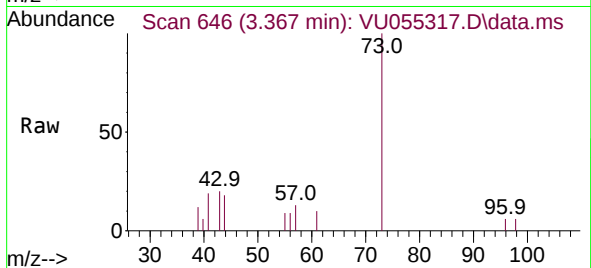
Tgt Ion: 84 Resp: 11408
 Ion Ratio Lower Upper
 84 100
 86 60.4 43.4 80.6
 49 122.0 87.7 162.9



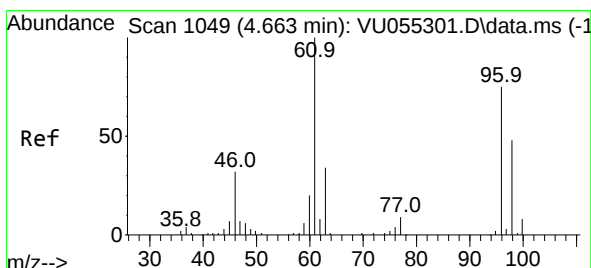
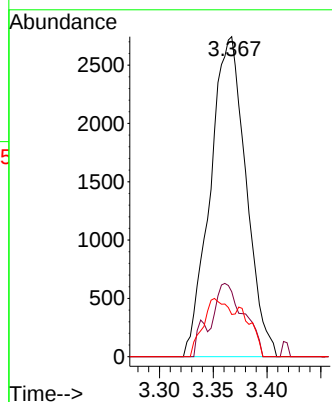
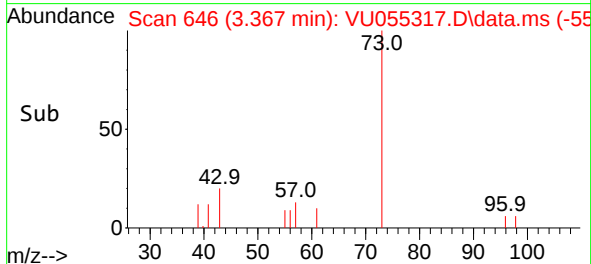


#17
Methyl tert-butyl Ether
Concen: 0.296 ug/L
RT: 3.367 min Scan# 643
Delta R.T. 0.010 min
Lab File: VU055317.D
Acq: 14 Sep 2023 19:42

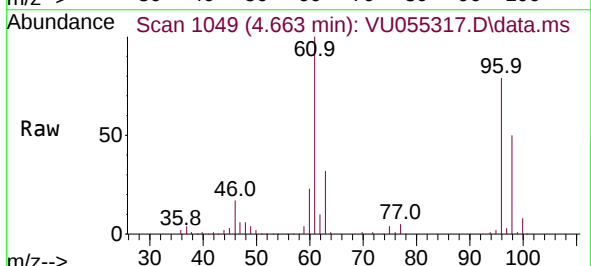
Instrument :
MSVOA_U
ClientSampleId :



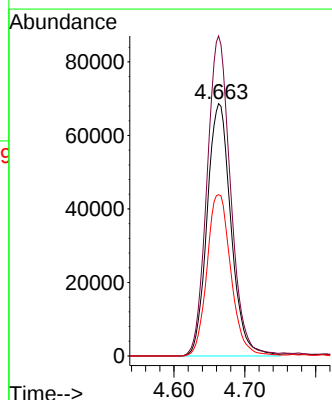
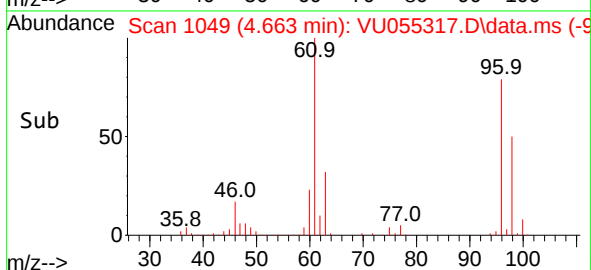
Tgt Ion: 73 Resp: 6328
Ion Ratio Lower Upper
73 100
43 18.6 16.2 24.2
57 13.2 17.4 26.2#

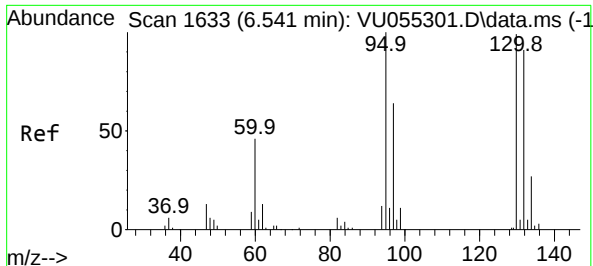


#22
cis-1,2-Dichloroethene
Concen: 15.906 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055317.D
Acq: 14 Sep 2023 19:42



Tgt Ion: 96 Resp: 160822
Ion Ratio Lower Upper
96 100
61 126.8 97.2 180.4
98 63.9 46.1 85.7





#34

Trichloroethene

Concen: 14.034 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055317.D

Acq: 14 Sep 2023 19:42

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 149437

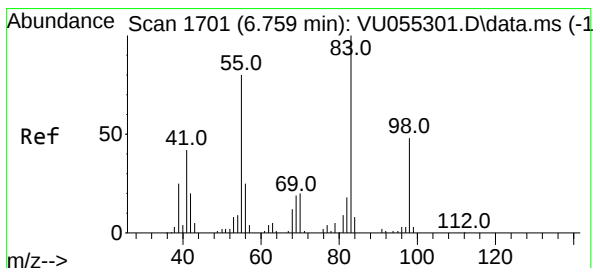
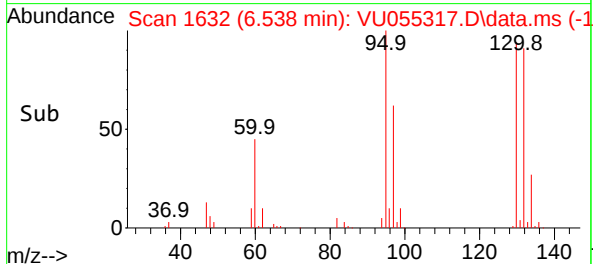
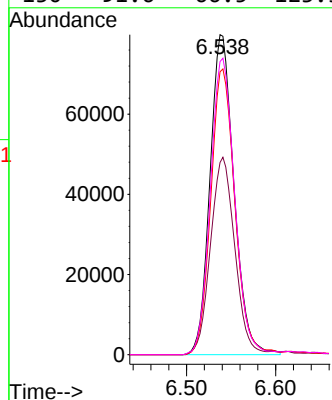
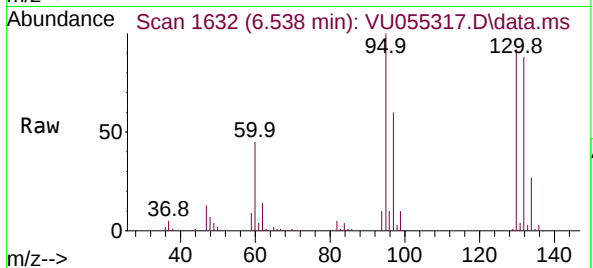
Ion Ratio Lower Upper

95 100

97 60.0 44.7 83.1

132 88.4 66.6 123.6

130 91.6 66.5 123.5



#35

Methylcyclohexane

Concen: 0.962 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055317.D

Acq: 14 Sep 2023 19:42

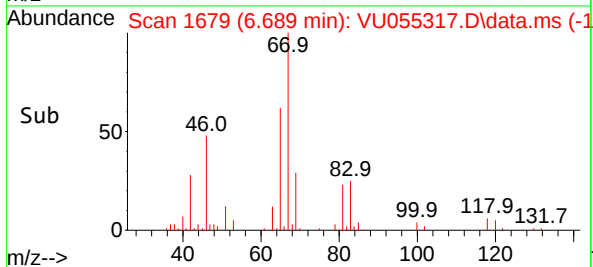
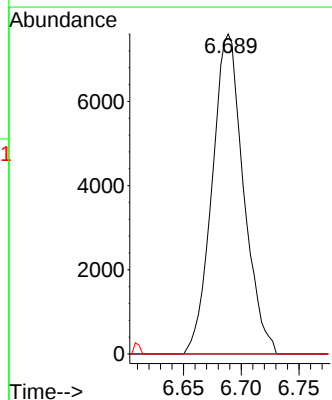
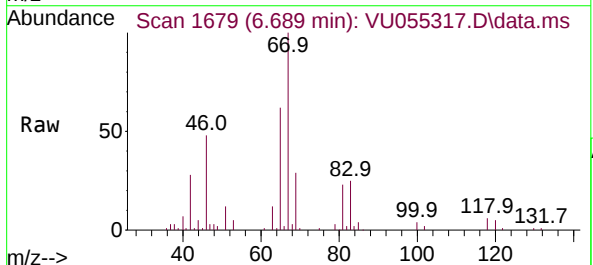
Tgt Ion: 83 Resp: 14379

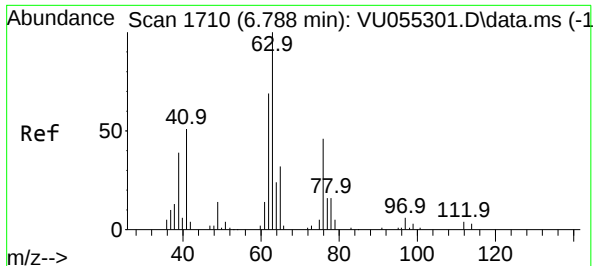
Ion Ratio Lower Upper

83 100

55 0.0 60.4 90.6#

98 0.0 35.3 52.9#

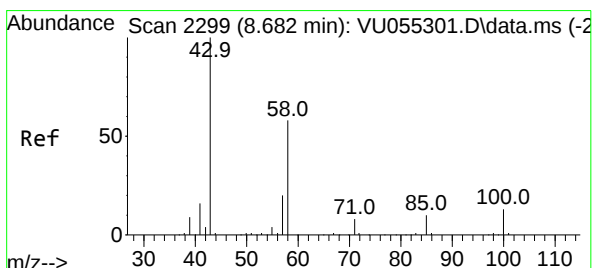
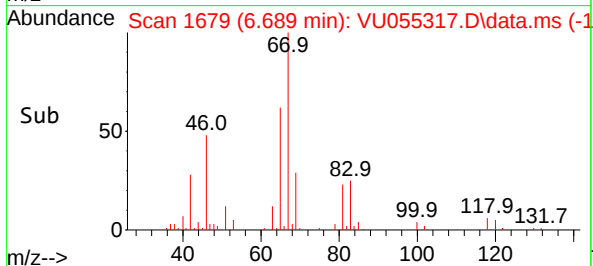
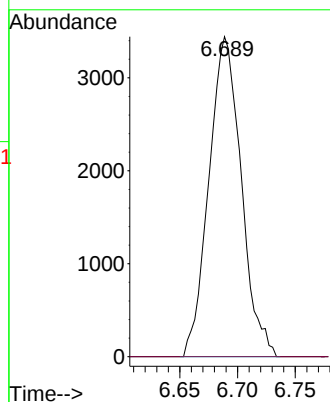
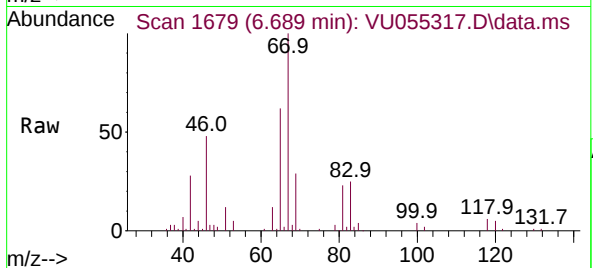




#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.689 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055317.D
Acq: 14 Sep 2023 19:42

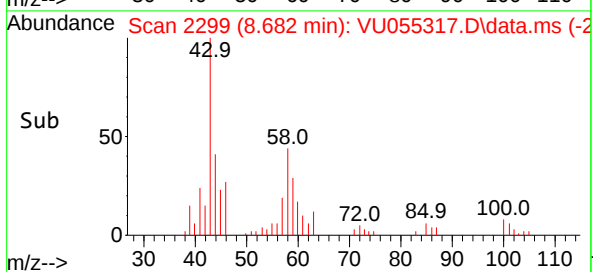
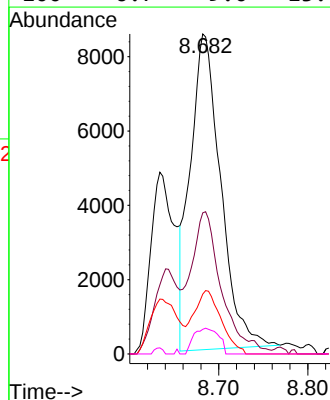
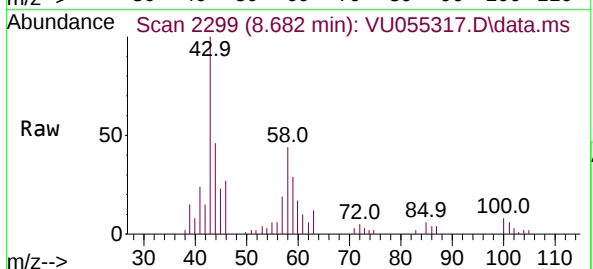
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ClientSampleId :

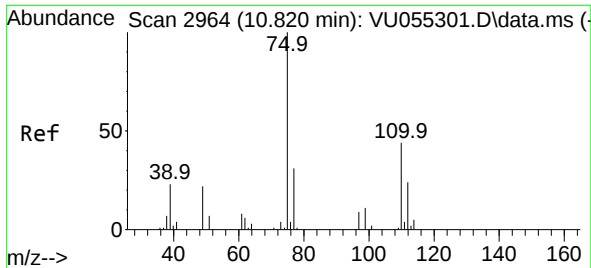
Tgt Ion: 63 Resp: 6704
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 4.320 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055317.D
Acq: 14 Sep 2023 19:42

Tgt Ion: 43 Resp: 20133
Ion Ratio Lower Upper
43 100
58 44.5 44.0 66.0
57 18.0 16.2 24.2
100 6.7 9.0 13.4#





#61

1,2,3-Trichloropropane

Concen: 2.043 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.987 min

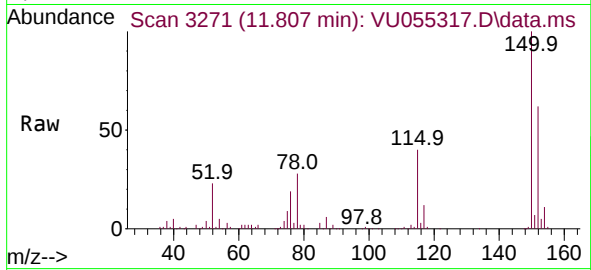
Lab File: VU055317.D

Acq: 14 Sep 2023 19:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 11673

Ion Ratio Lower Upper

75 100

110 1.8 28.2 42.2#

77 34.4 26.2 39.4

