

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
 Data File : VU055379.D
 Acq On : 18 Sep 2023 18:27
 Operator : MD/SY
 Sample : 04398-04 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 19 01:17:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 19 01:12:51 2023
 Response via : Initial Calibration

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

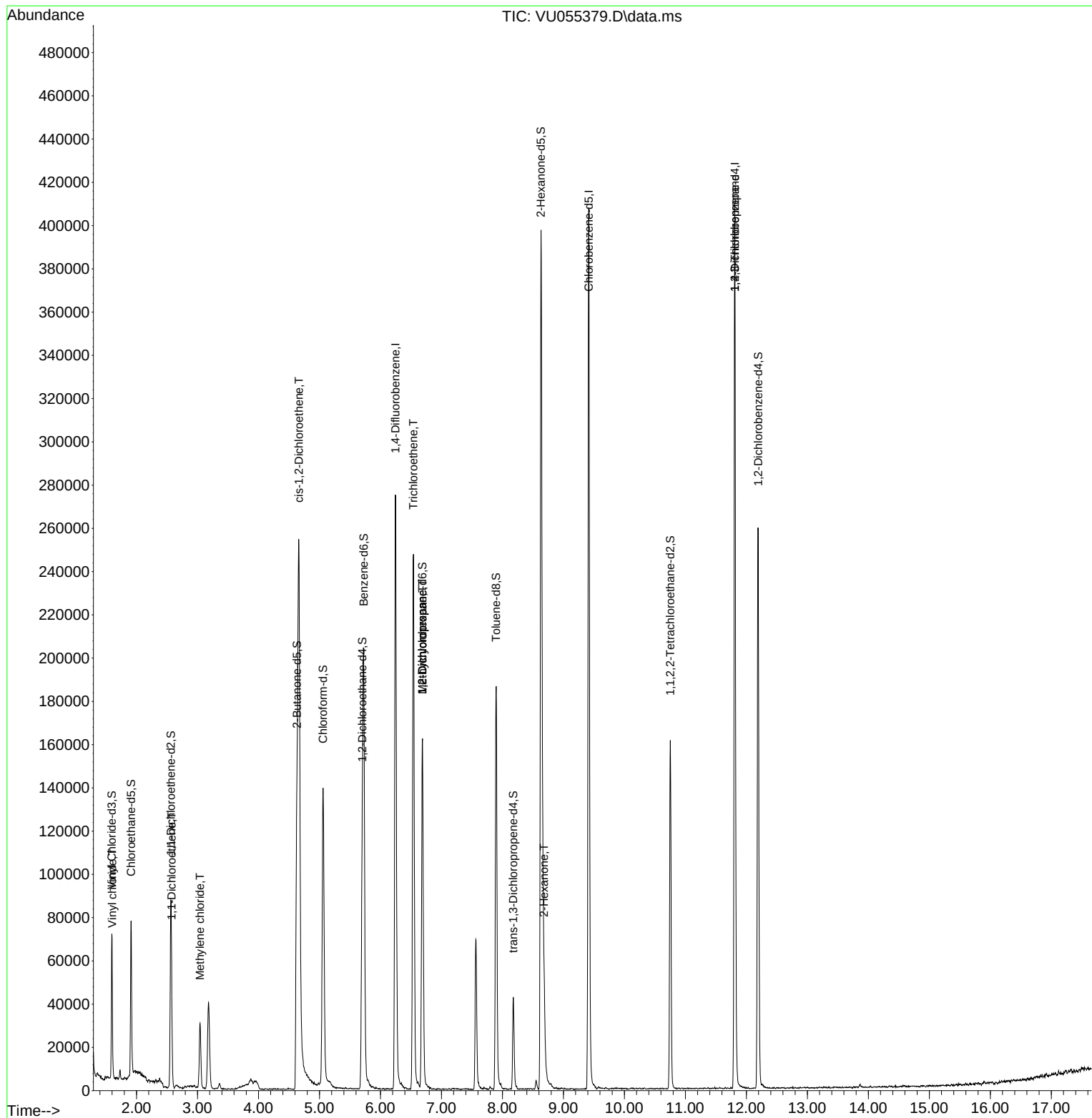
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	228756	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	230092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	112627	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	45023	3.424	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.400%	
7) Chloroethane-d5	1.911	69	50948	3.433	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	68.600%	
11) 1,1-Dichloroethene-d2	2.563	65	15627	3.286	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.800%	
20) 2-Butanone-d5	4.631	46	232242	63.876	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.760%	
24) Chloroform-d	5.058	84	130273	4.436	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	5.701	65	70050	4.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
32) Benzene-d6	5.724	84	194092	4.024	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	6.689	67	78693	4.788	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.897	98	132270	3.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	63.600%#	
43) trans-1,3-Dichloroprop...	8.177	79	24089	4.131	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.631	63	127319	60.009	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.020%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	82324	5.760	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.200%	
66) 1,2-Dichlorobenzene-d4	12.193	152	70807	4.882	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2984	0.132	ug/L #	79
12) 1,1-Dichloroethene	2.576	96	3687	0.229	ug/L #	1
16) Methylene chloride	3.039	84	15091	0.630	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	102886	4.968	ug/L	96
34) Trichloroethene	6.541	95	84606	3.903	ug/L	97
35) Methylcyclohexane	6.689	83	19244	0.611	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	8634	0.432	ug/L #	89
48) 2-Hexanone	8.682	43	25824	3.610	ug/L #	73
61) 1,2,3-Trichloropropane	11.810	75	13640	1.251	ug/L #	67

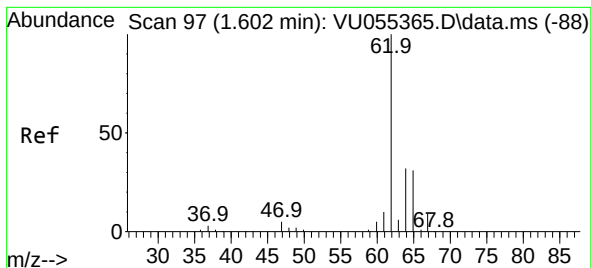
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 19 01:12:51 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.132 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU055379.D

Acq: 18 Sep 2023 18:27

Instrument :

MSVOA_U

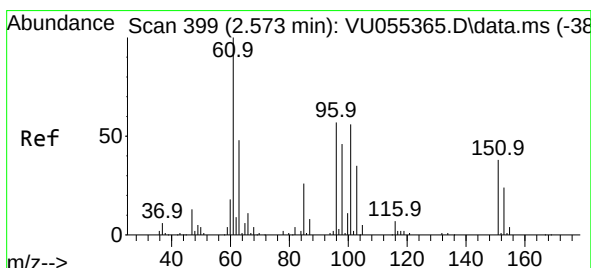
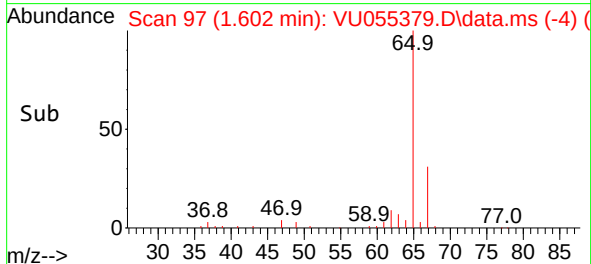
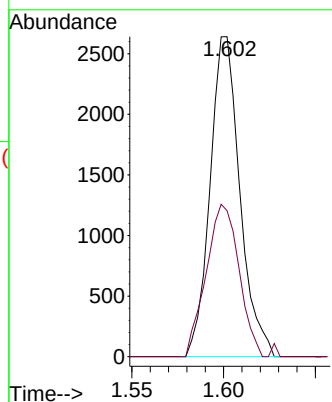
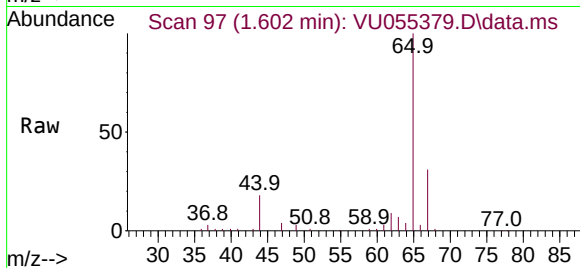
ClientSampleId :

Tgt Ion: 62 Resp: 2984

Ion Ratio Lower Upper

62 100

64 45.6 23.4 43.6#



#12

1,1-Dichloroethene

Concen: 0.229 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU055379.D

Acq: 18 Sep 2023 18:27

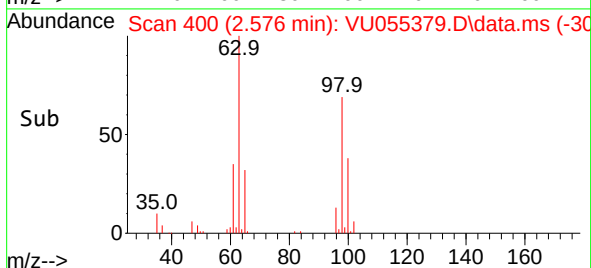
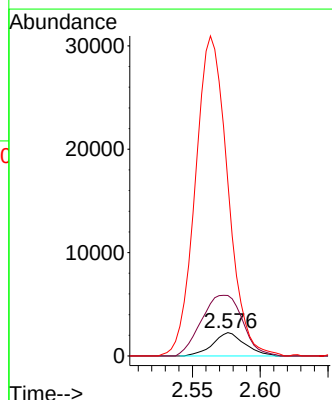
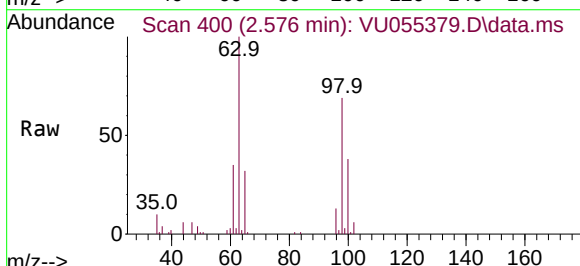
Tgt Ion: 96 Resp: 3687

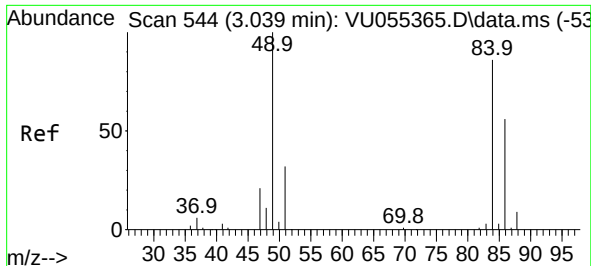
Ion Ratio Lower Upper

96 100

61 259.2 122.8 228.0#

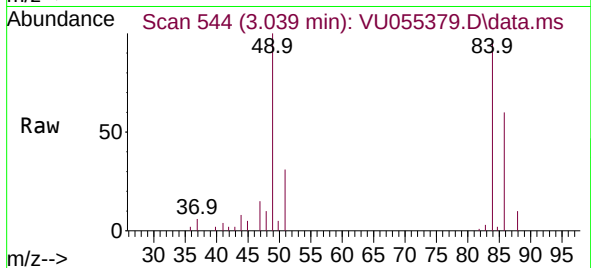
63 745.0 71.7 133.3#



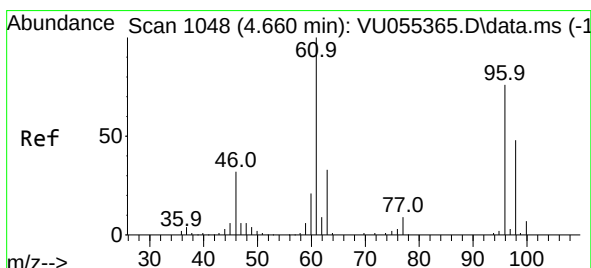
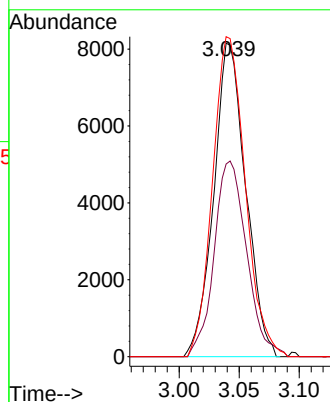
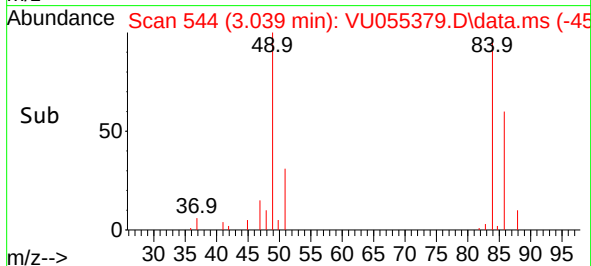


#16
Methylene chloride
Concen: 0.630 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU055379.D
Acq: 18 Sep 2023 18:27

Instrument :
MSVOA_U
ClientSampleId :

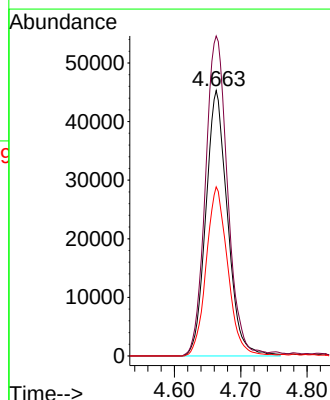
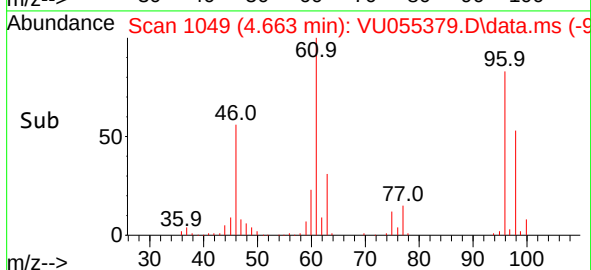
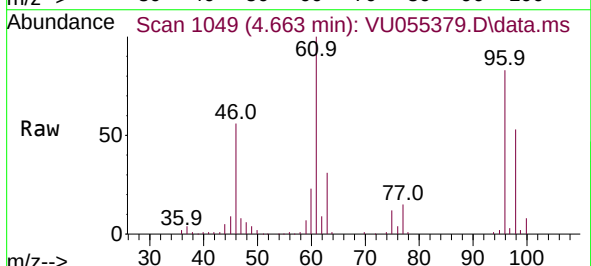


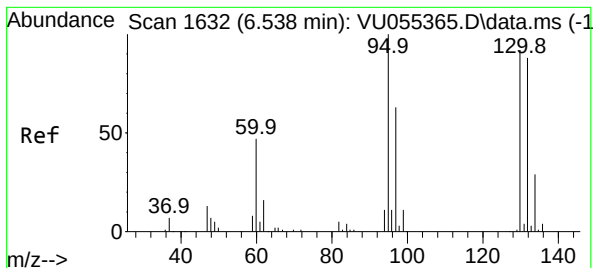
Tgt Ion: 84 Resp: 15091
Ion Ratio Lower Upper
84 100
86 61.4 42.4 78.8
49 107.5 79.9 148.3



#22
cis-1,2-Dichloroethene
Concen: 4.968 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055379.D
Acq: 18 Sep 2023 18:27

Tgt Ion: 96 Resp: 102886
Ion Ratio Lower Upper
96 100
61 120.6 88.1 163.7
98 63.7 43.5 80.7





#34

Trichloroethene

Concen: 3.903 ug/L

RT: 6.541 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU055379.D

Acq: 18 Sep 2023 18:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 84606

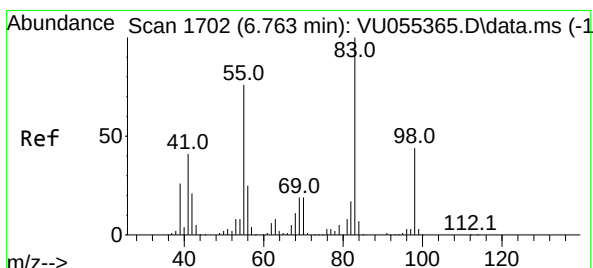
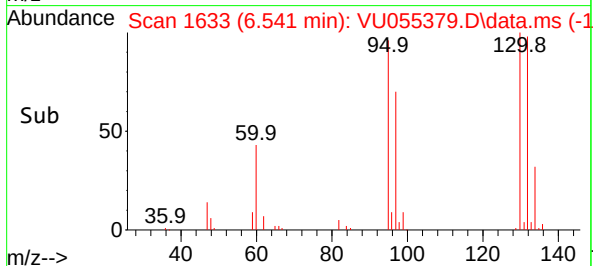
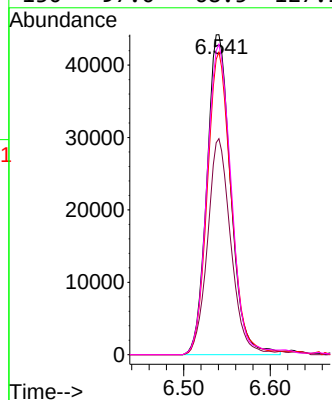
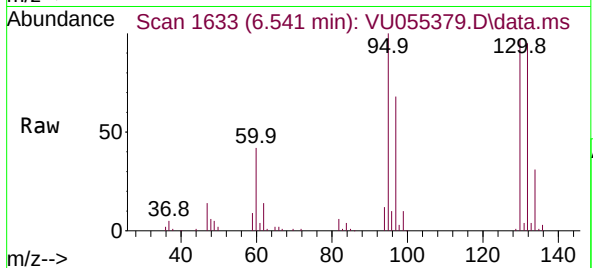
Ion Ratio Lower Upper

95 100

97 67.5 47.4 88.0

132 94.6 60.5 112.3

130 97.0 68.5 127.1



#35

Methylcyclohexane

Concen: 0.611 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU055379.D

Acq: 18 Sep 2023 18:27

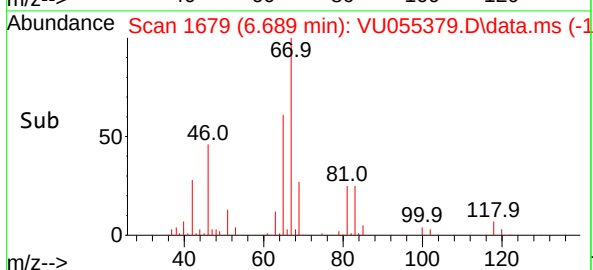
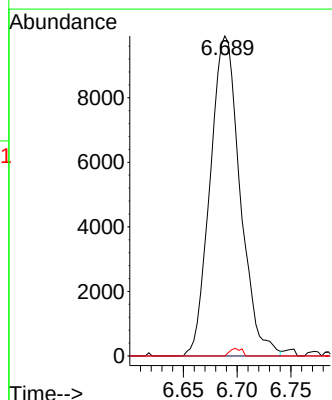
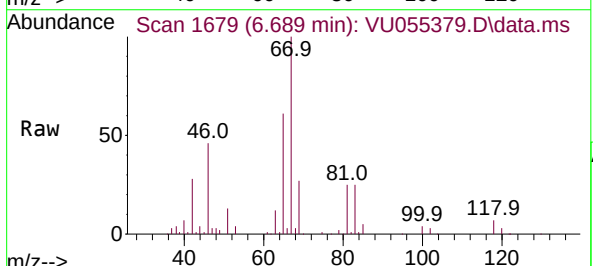
Tgt Ion: 83 Resp: 19244

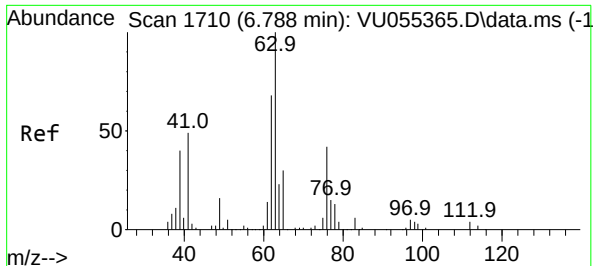
Ion Ratio Lower Upper

83 100

55 0.0 58.7 88.1#

98 0.9 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.432 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055379.D

Acq: 18 Sep 2023 18:27

Instrument :

MSVOA_U

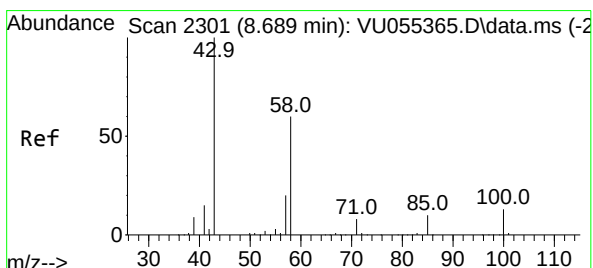
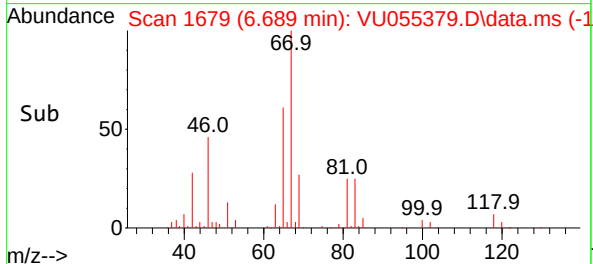
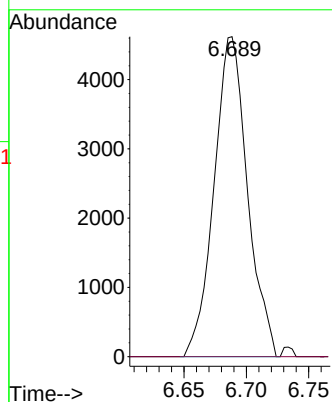
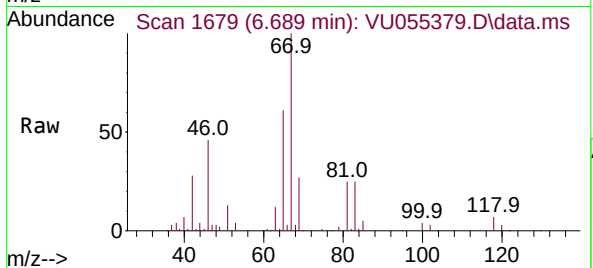
ClientSampleId :

Tgt Ion: 63 Resp: 8634

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.4#



#48

2-Hexanone

Concen: 3.610 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.007 min

Lab File: VU055379.D

Acq: 18 Sep 2023 18:27

Tgt Ion: 43 Resp: 25824

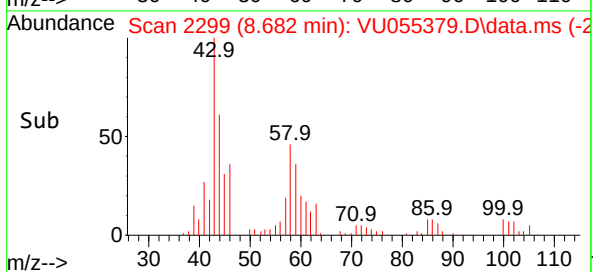
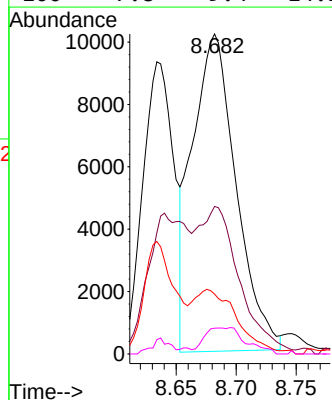
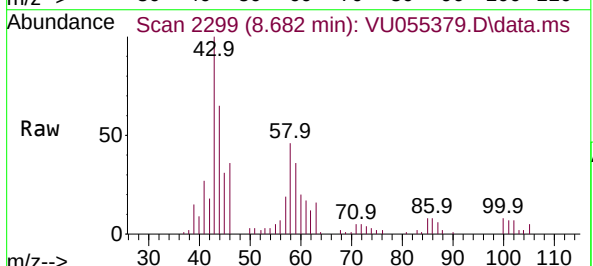
Ion Ratio Lower Upper

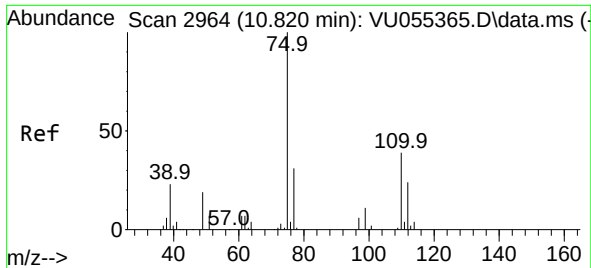
43 100

58 30.5 47.8 71.6#

57 18.9 15.4 23.2

100 7.8 9.4 14.2#





#61

1,2,3-Trichloropropane

Concen: 1.251 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.990 min

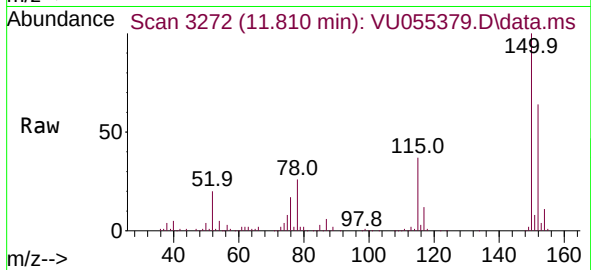
Lab File: VU055379.D

Acq: 18 Sep 2023 18:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	13640
Ion	Ratio	Lower	Upper
75	100		
110	2.1	31.4	47.2#
77	32.4	26.0	39.0

