

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055475.D
 Acq On : 22 Sep 2023 21:29
 Operator : MD/SY
 Sample : 04579-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:14:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

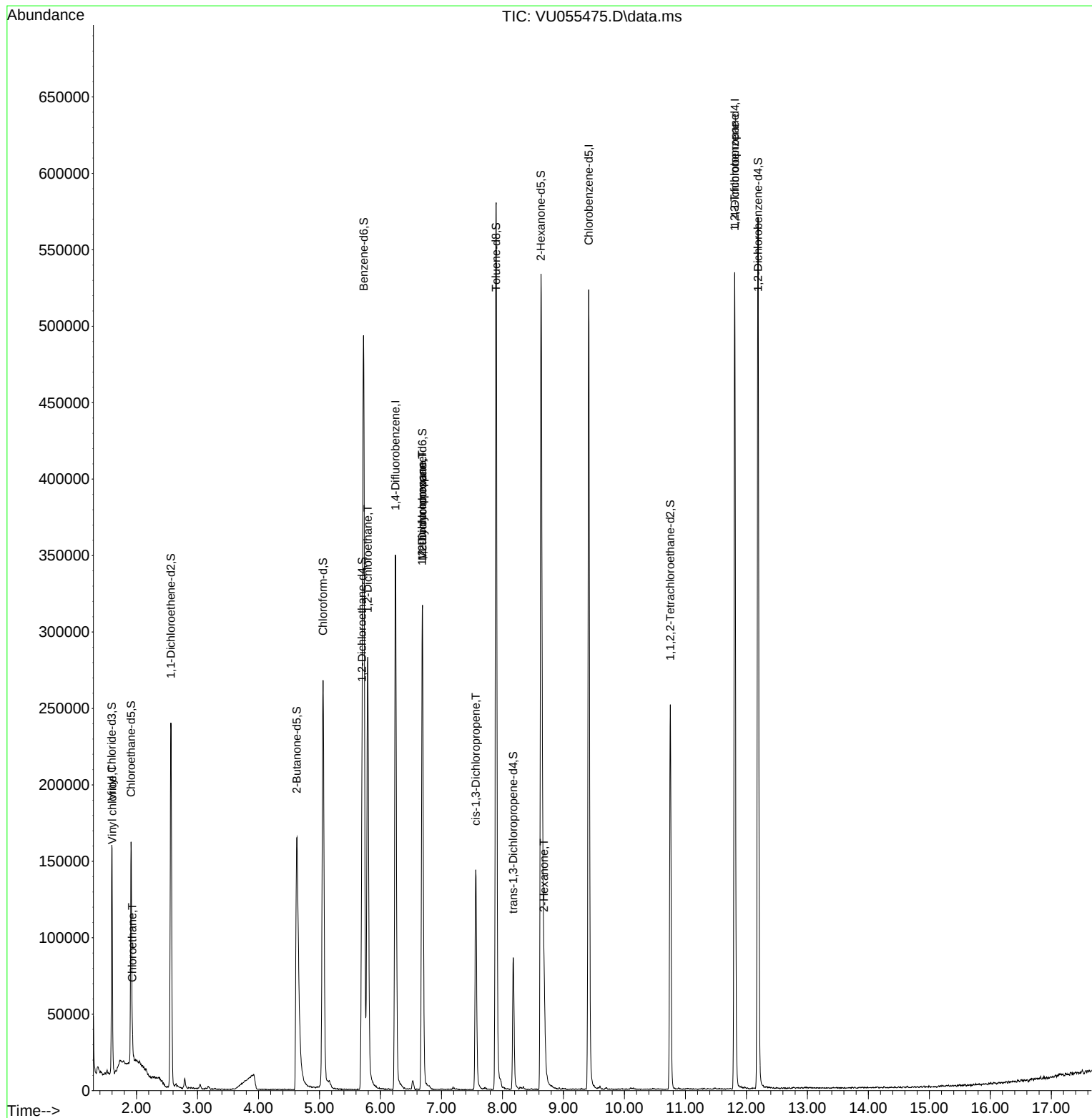
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289863	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	302027	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	146316	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	102649	3.504	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.000%	
7) Chloroethane-d5	1.911	69	102617	3.975	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.563	65	45895	3.806	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	4.628	46	300618	56.811	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.620%	
24) Chloroform-d	5.058	84	254795	4.808	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
26) 1,2-Dichloroethane-d4	5.698	65	132044	5.180	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.724	84	480667	4.550	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
36) 1,2-Dichloropropane-d6	6.689	67	153773	4.872	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.897	98	403579	4.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	8.177	79	52896	4.775	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.600%	
46) 2-Hexanone-d5	8.631	63	166902	49.536	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.080%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	124459	5.261	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	151415	5.127	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.600%	
Target Compounds						
5) Vinyl chloride	1.602	62	8124	0.303	ug/L #	72
8) Chloroethane	1.933	64	12637	0.723	ug/L #	79
27) 1,2-Dichloroethane	5.791	62	249171	10.157	ug/L	99
35) Methylcyclohexane	6.689	83	37707	1.065	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	17106	0.752	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3883	0.128	ug/L #	60
48) 2-Hexanone	8.682	43	39250	4.911	ug/L #	85
61) 1,2,3-Trichloropropane	11.807	75	17431	1.526	ug/L #	65

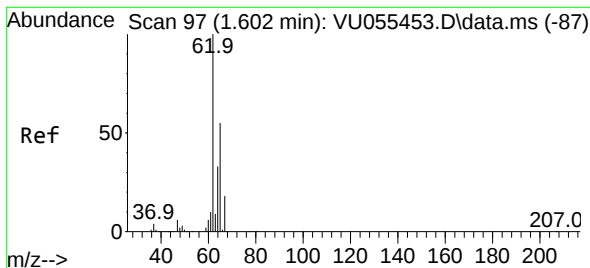
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.303 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

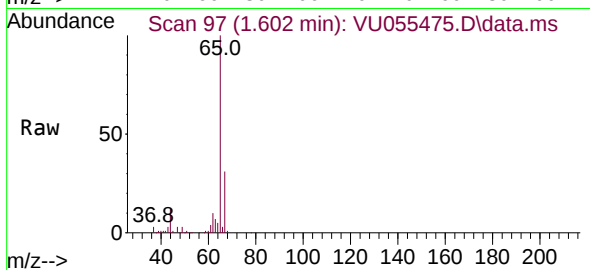
Lab File: VU055475.D

Acq: 22 Sep 2023 21:29

Instrument :

MSVOA_U

ClientSampleId :

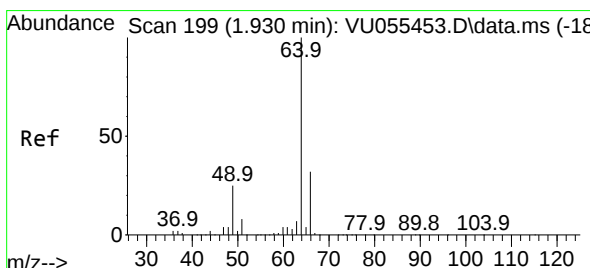
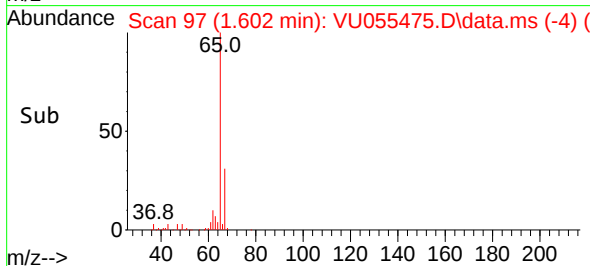
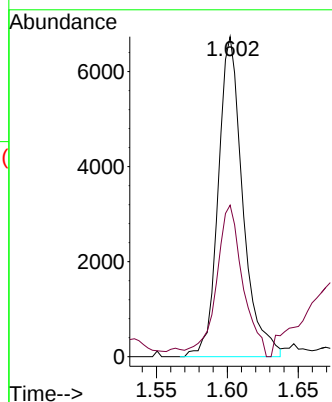


Tgt Ion: 62 Resp: 8124

Ion Ratio Lower Upper

62 100

64 47.3 22.3 41.5#



#8

Chloroethane

Concen: 0.723 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.003 min

Lab File: VU055475.D

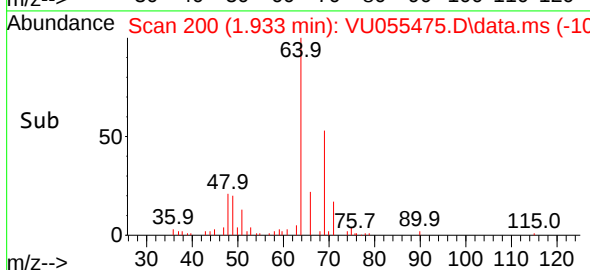
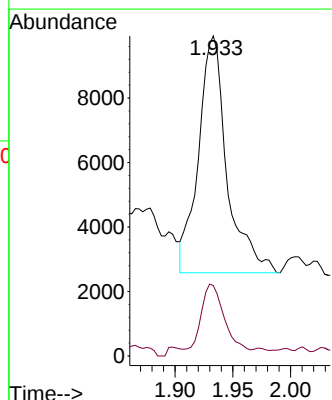
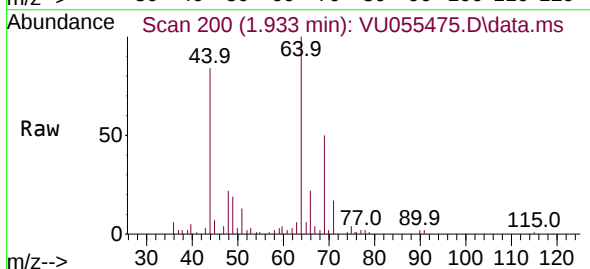
Acq: 22 Sep 2023 21:29

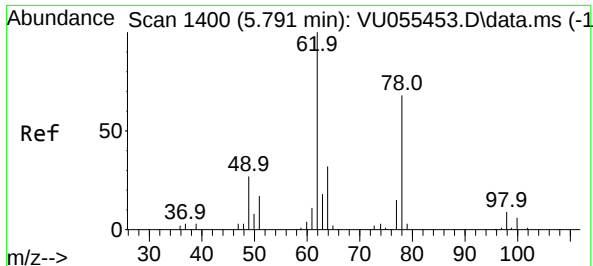
Tgt Ion: 64 Resp: 12637

Ion Ratio Lower Upper

64 100

66 22.0 23.7 44.1#

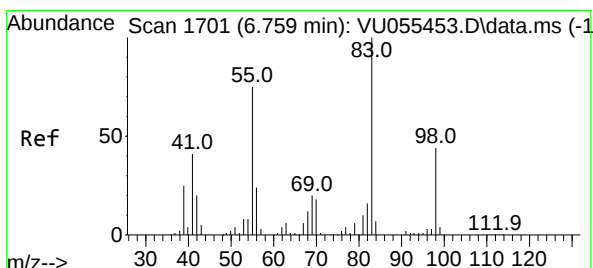
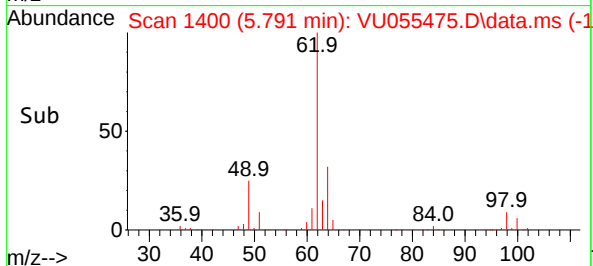
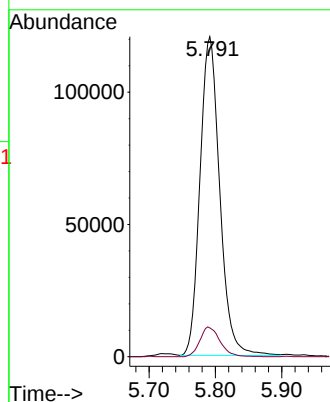
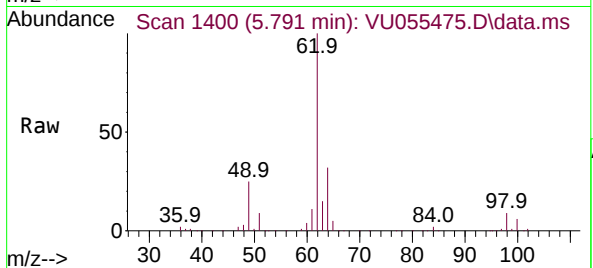




#27
1,2-Dichloroethane
Concen: 10.157 ug/L
RT: 5.791 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU055475.D
Acq: 22 Sep 2023 21:29

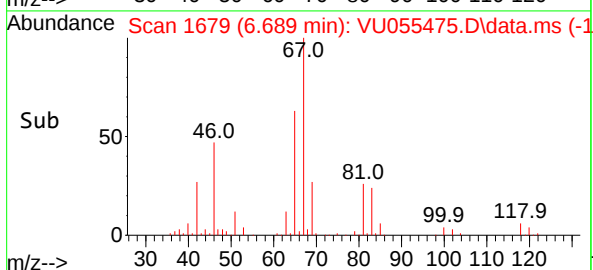
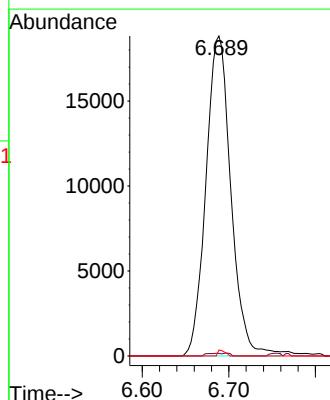
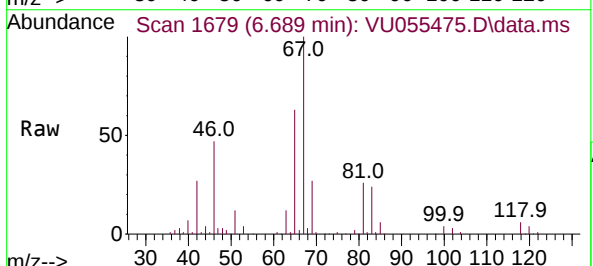
Instrument :
MSVOA_U
ClientSampleId :

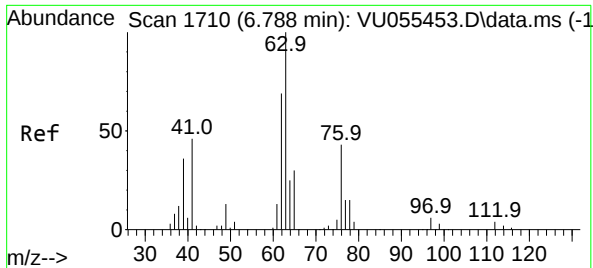
Tgt Ion: 62 Resp: 249171
Ion Ratio Lower Upper
62 100
98 9.0 7.0 10.4



#35
Methylcyclohexane
Concen: 1.065 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055475.D
Acq: 22 Sep 2023 21:29

Tgt Ion: 83 Resp: 37707
Ion Ratio Lower Upper
83 100
55 0.5 59.1 88.7#
98 0.5 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.752 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055475.D

Acq: 22 Sep 2023 21:29

Instrument :

MSVOA_U

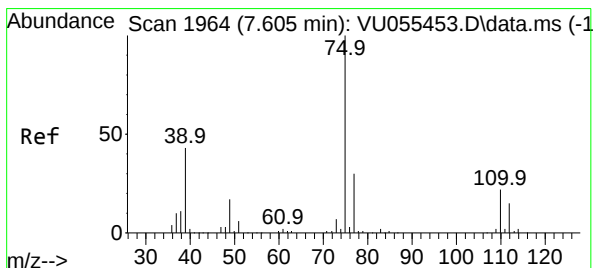
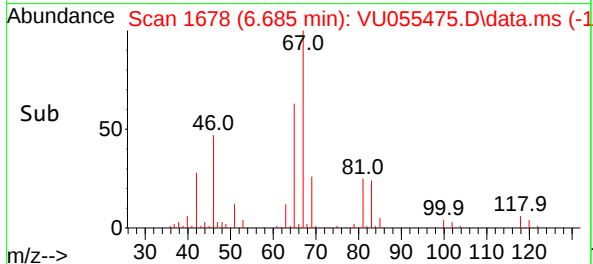
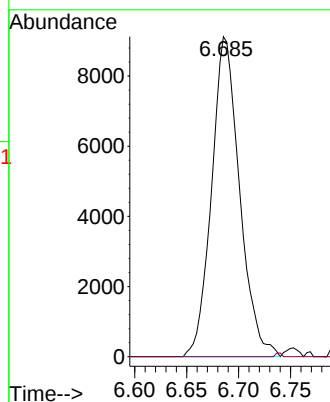
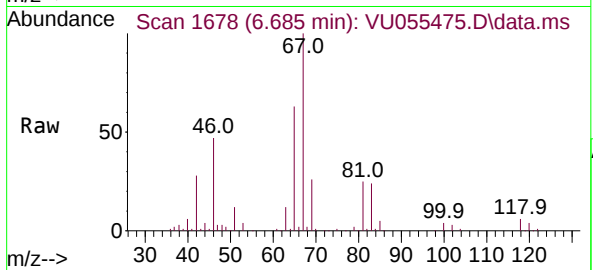
ClientSampleId :

Tgt Ion: 63 Resp: 17106

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.128 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU055475.D

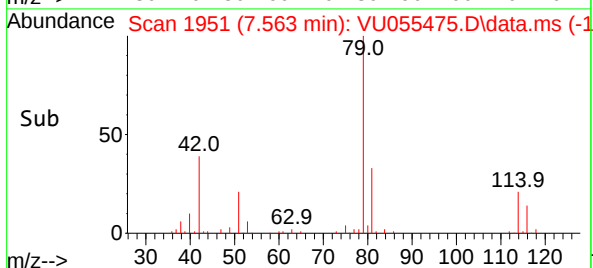
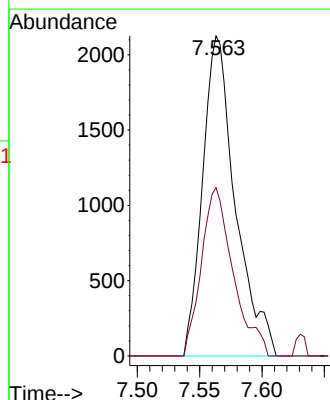
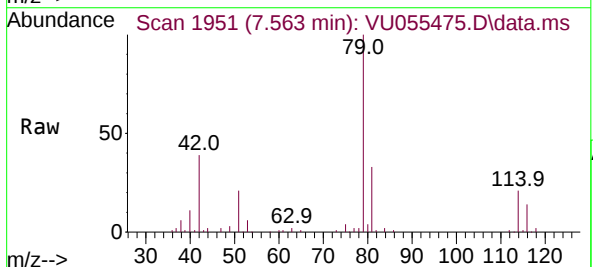
Acq: 22 Sep 2023 21:29

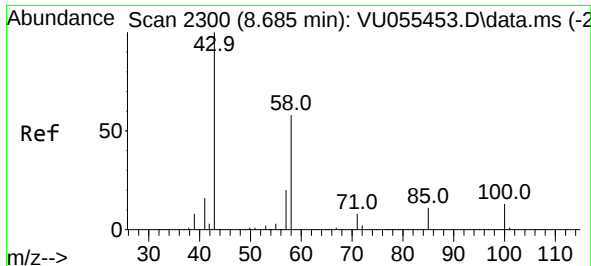
Tgt Ion: 75 Resp: 3883

Ion Ratio Lower Upper

75 100

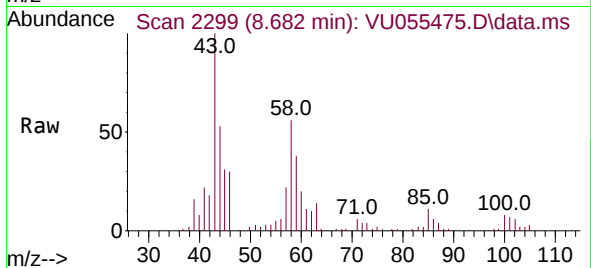
77 52.6 21.6 40.2#



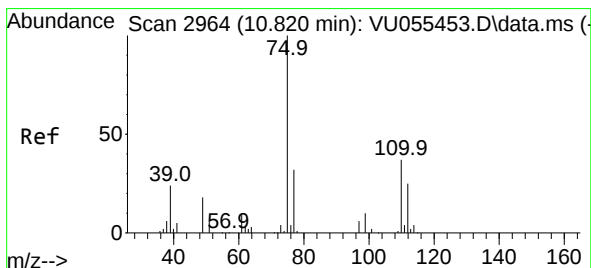
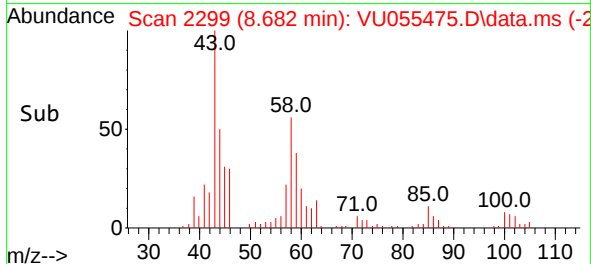
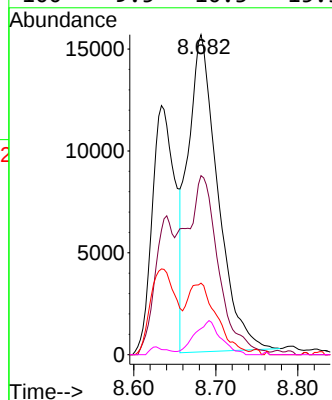


#48
2-Hexanone
Concen: 4.911 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055475.D
Acq: 22 Sep 2023 21:29

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 39250
Ion Ratio Lower Upper
43 100
58 44.8 48.5 72.7#
57 22.3 17.0 25.4
100 9.5 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.526 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055475.D
Acq: 22 Sep 2023 21:29

Tgt Ion: 75 Resp: 17431
Ion Ratio Lower Upper
75 100
110 1.5 30.6 45.8#
77 36.9 26.7 40.1

