

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055473.D
 Acq On : 22 Sep 2023 20:41
 Operator : MD/SY
 Sample : 04579-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:14:09 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

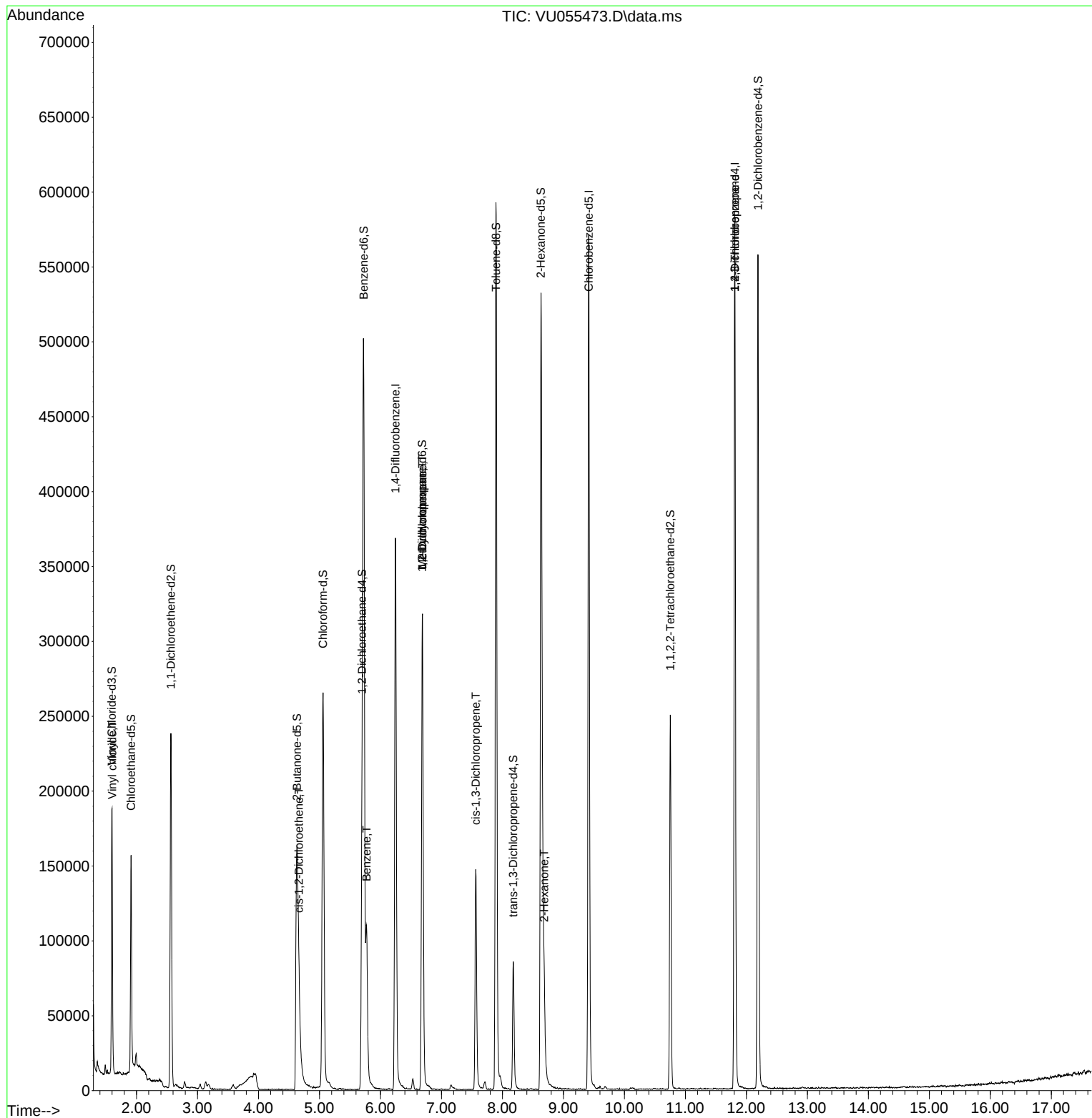
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	312371	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	323244	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	155423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	100019	3.168	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	63.400%	
7) Chloroethane-d5	1.911	69	102406	3.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.600%	
11) 1,1-Dichloroethene-d2	2.563	65	45770	3.522	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.400%	
20) 2-Butanone-d5	4.631	46	309216	54.225	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.440%	
24) Chloroform-d	5.058	84	255861	4.481	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.698	65	133843	4.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.724	84	486558	4.303	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.685	67	156042	4.619	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.894	98	408371	3.963	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	8.177	79	52384	4.419	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.400%	
46) 2-Hexanone-d5	8.631	63	163236	45.268	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.540%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	124540	4.919	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	150329	4.792	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
5) Vinyl chloride	1.602	62	25126	0.871	ug/L	93
22) cis-1,2-Dichloroethene	4.663	96	10217	0.400	ug/L	93
33) Benzene	5.772	78	104332	1.121	ug/L	100
35) Methylcyclohexane	6.689	83	37404	0.987	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	16891	0.694	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	4092	0.126	ug/L #	63
48) 2-Hexanone	8.685	43	40922	4.784	ug/L #	83
61) 1,2,3-Trichloropropane	11.811	75	19041	1.569	ug/L #	69

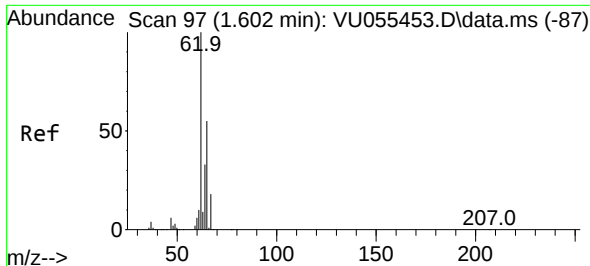
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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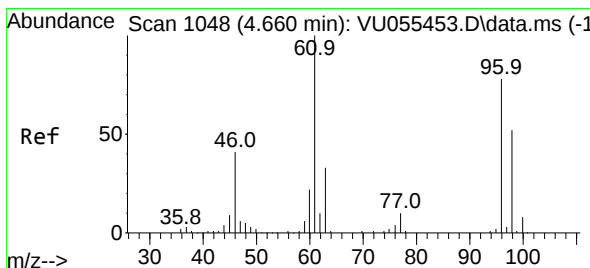
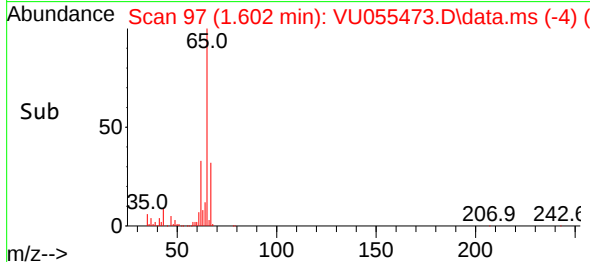
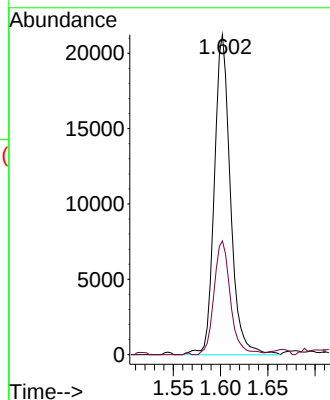
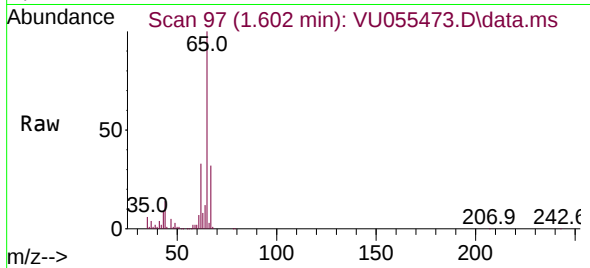




#5
 Vinyl chloride
 Concen: 0.871 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055473.D
 Acq: 22 Sep 2023 20:41

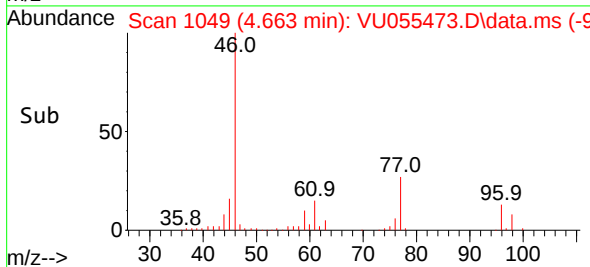
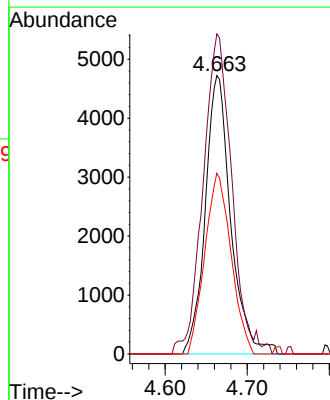
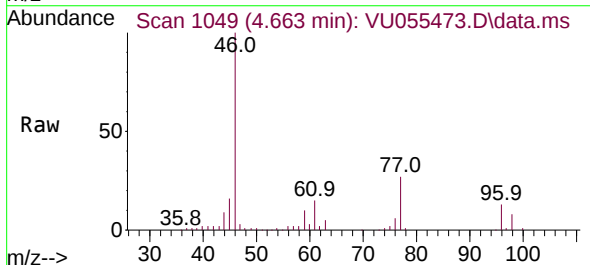
Instrument :
 MSVOA_U
 ClientSampleId :

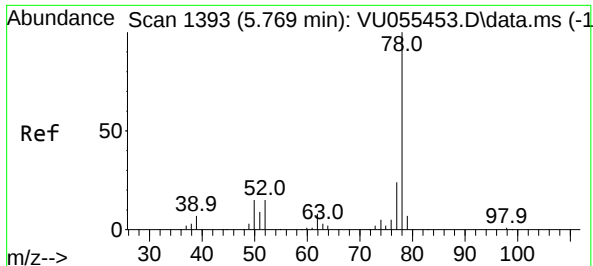
Tgt Ion: 62 Resp: 25126
 Ion Ratio Lower Upper
 62 100
 64 35.6 22.3 41.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.400 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055473.D
 Acq: 22 Sep 2023 20:41

Tgt Ion: 96 Resp: 10217
 Ion Ratio Lower Upper
 96 100
 61 114.9 87.8 163.2
 98 64.9 44.4 82.4

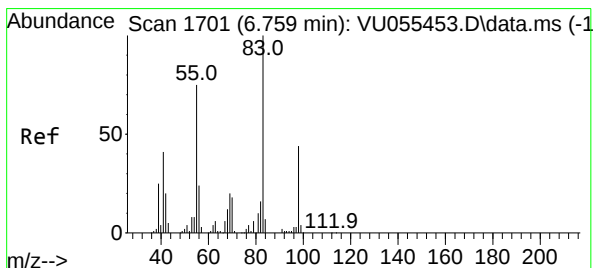
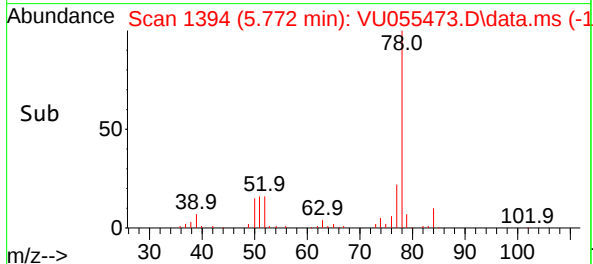
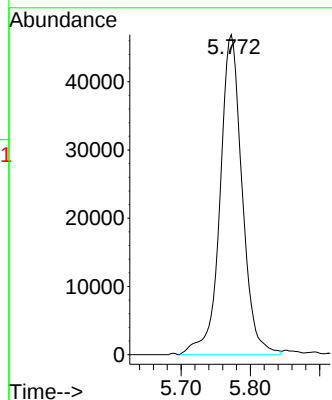
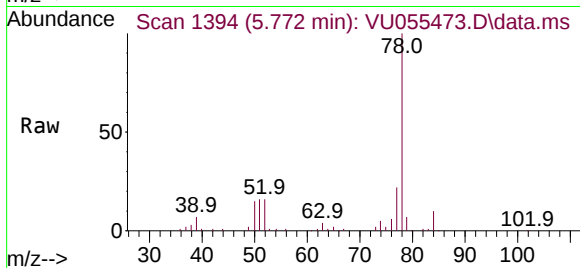




#33
Benzene
Concen: 1.121 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055473.D
Acq: 22 Sep 2023 20:41

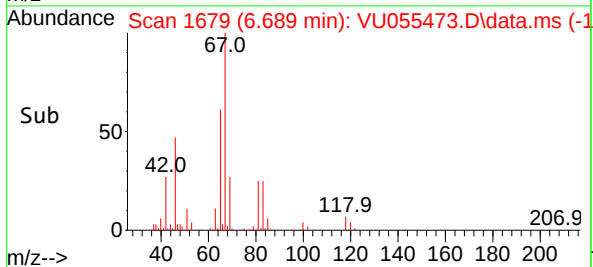
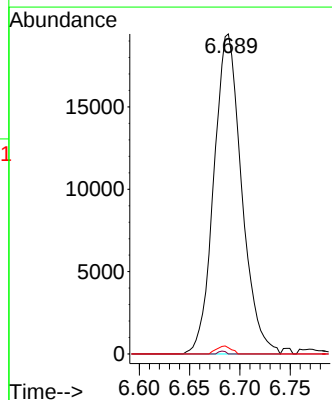
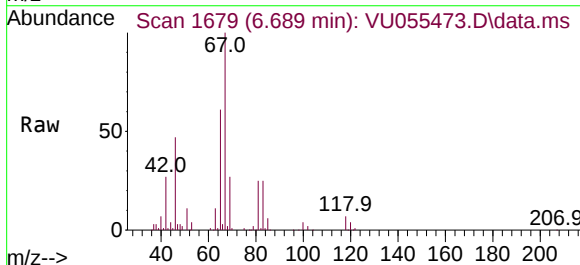
Instrument :
MSVOA_U
ClientSampleId :

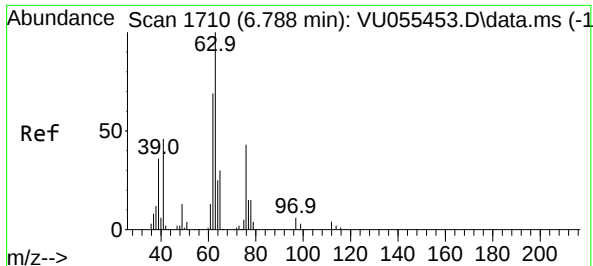
Tgt Ion: 78 Resp: 104332



#35
Methylcyclohexane
Concen: 0.987 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055473.D
Acq: 22 Sep 2023 20:41

Tgt Ion: 83 Resp: 37404
Ion Ratio Lower Upper
83 100
55 0.2 59.1 88.7#
98 1.3 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.694 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU055473.D

Acq: 22 Sep 2023 20:41

Instrument :

MSVOA_U

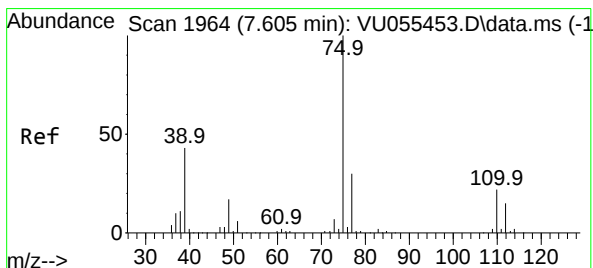
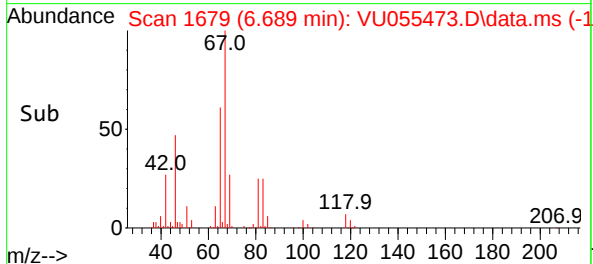
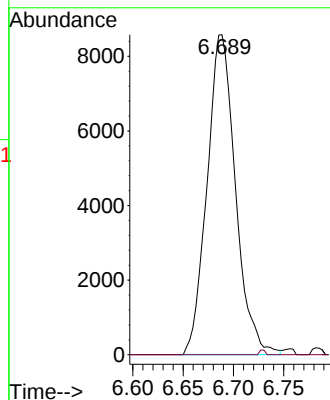
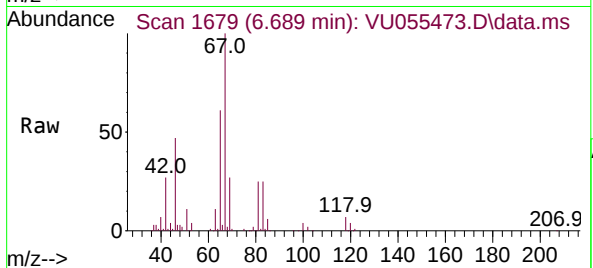
ClientSampleId :

Tgt Ion: 63 Resp: 16891

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU055473.D

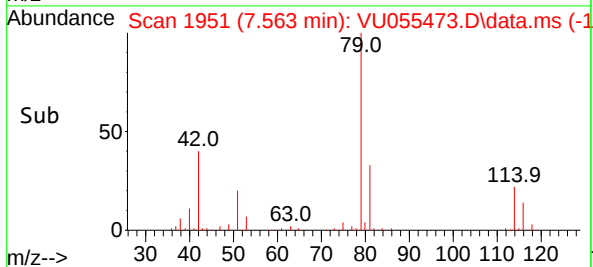
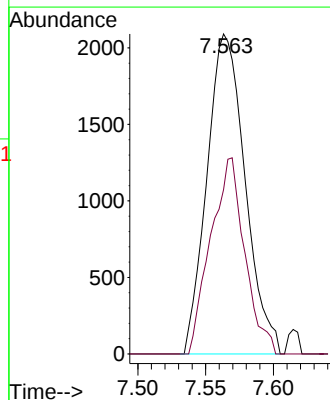
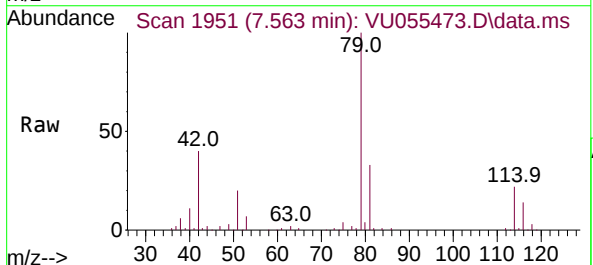
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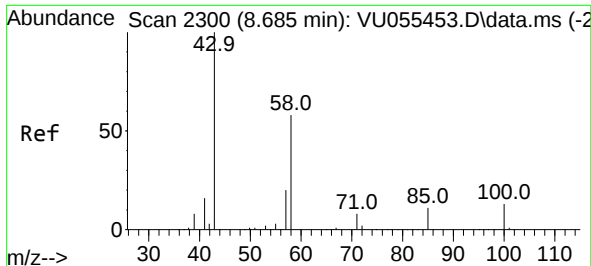
Tgt Ion: 75 Resp: 4092

Ion Ratio Lower Upper

75 100

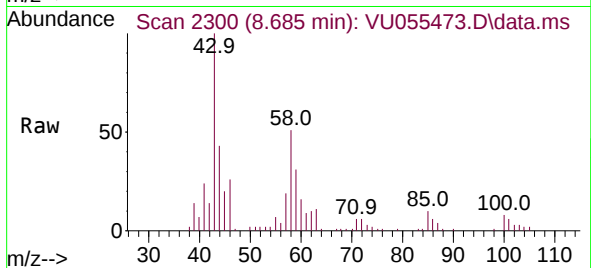
77 51.4 21.6 40.2#



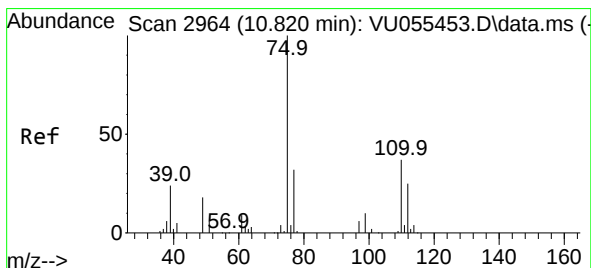
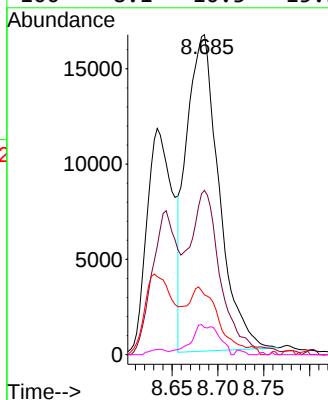
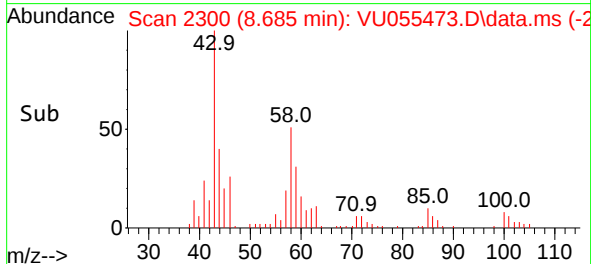


#48
2-Hexanone
Concen: 4.784 ug/L
RT: 8.685 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055473.D
Acq: 22 Sep 2023 20:41

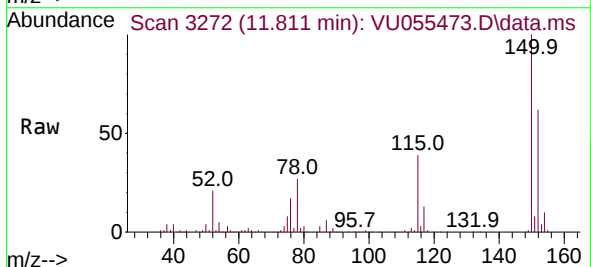
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 40922
Ion Ratio Lower Upper
43 100
58 43.9 48.5 72.7#
57 19.0 17.0 25.4
100 8.1 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.569 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055473.D
Acq: 22 Sep 2023 20:41



Tgt Ion: 75 Resp: 19041
Ion Ratio Lower Upper
75 100
110 2.8 30.6 45.8#
77 33.4 26.7 40.1

