

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055474.D
 Acq On : 22 Sep 2023 21:05
 Operator : MD/SY
 Sample : 04579-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:14:22 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)

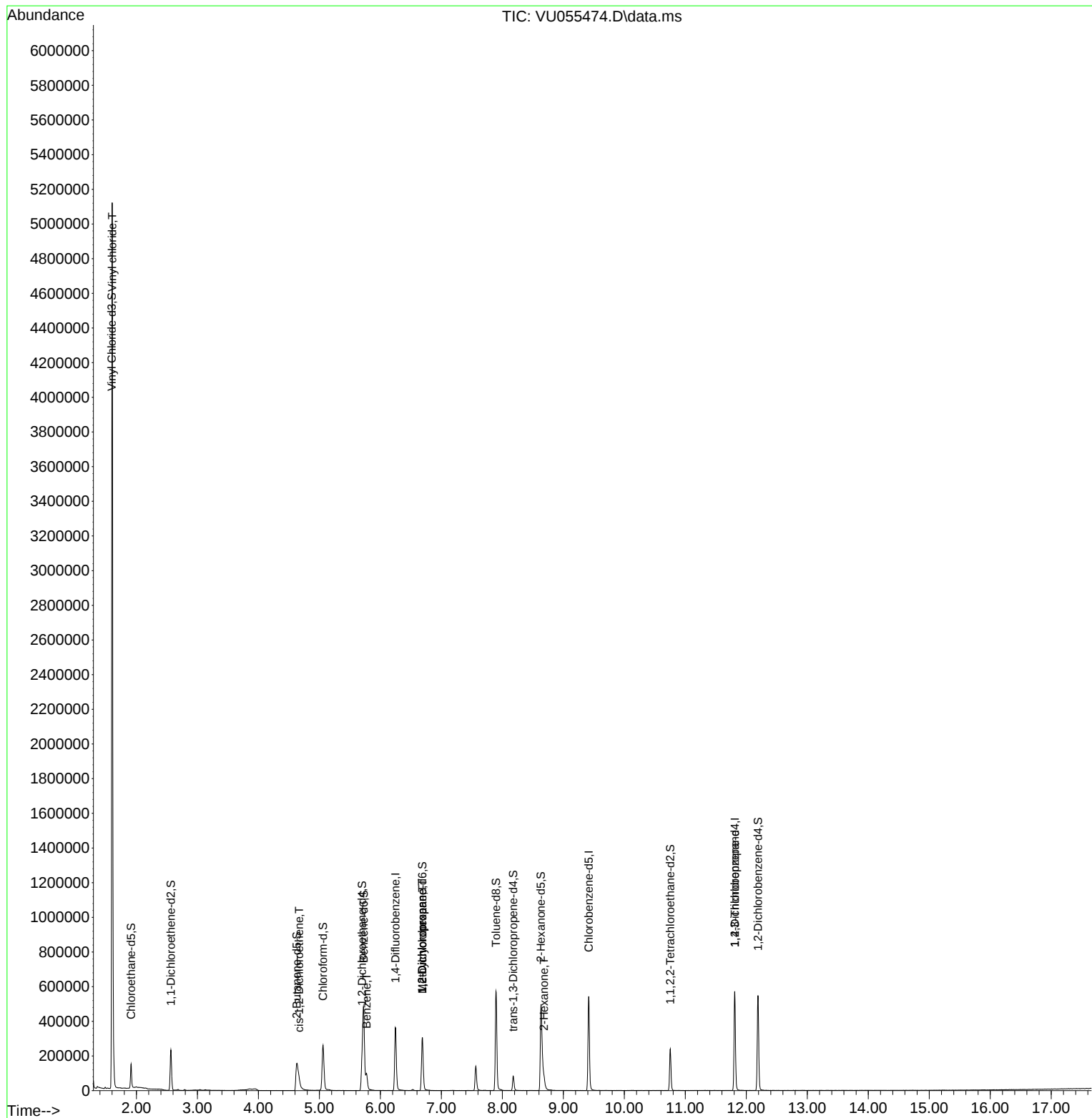
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	300430	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	308505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	153166	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	124738	4.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.911	69	99690	3.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.563	65	43406	3.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.628	46	289625	52.808	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.620%
24) Chloroform-d	5.058	84	248708	4.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.698	65	127170	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.724	84	463930	4.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.689	67	147264	4.568	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.894	98	394698	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.177	79	48368	4.275	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.631	63	155271	45.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.240%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	119420	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	147710	4.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3510306	126.452	ug/L	99
22) cis-1,2-Dichloroethene	4.666	96	11599	0.473	ug/L	91
33) Benzene	5.772	78	87268	0.983	ug/L	100
35) Methylcyclohexane	6.689	83	36357	1.005	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	16639	0.717	ug/L #	89
48) 2-Hexanone	8.682	43	39738	4.867	ug/L #	85
61) 1,2,3-Trichloropropane	11.811	75	18094	1.513	ug/L #	67

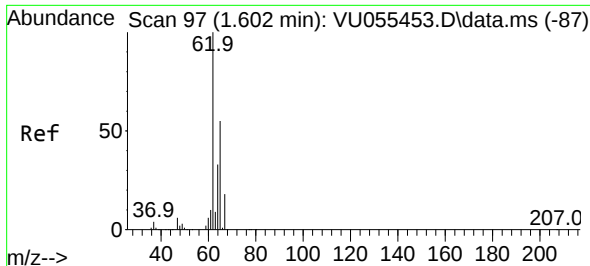
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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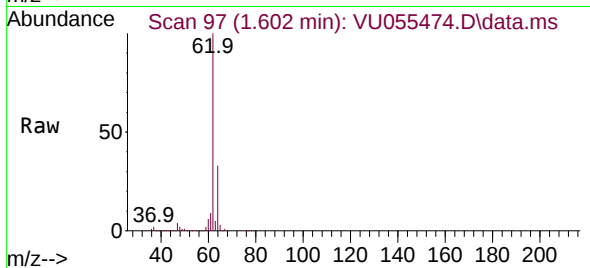
Quant Time: Sep 25 01:14:22 2023
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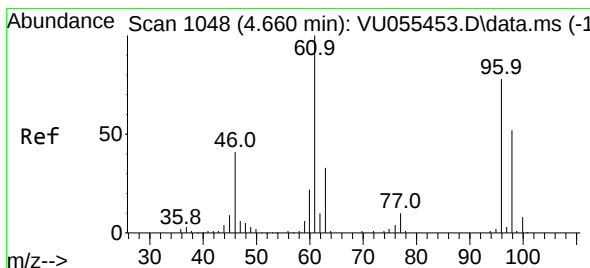
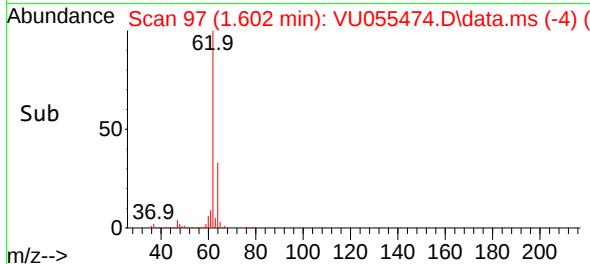
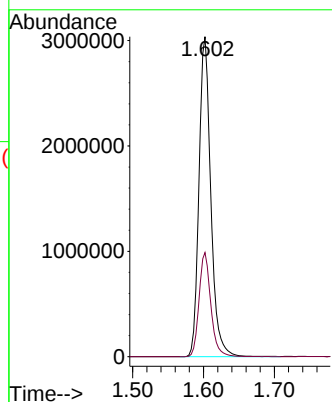


#5
 Vinyl chloride
 Concen: 126.452 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055474.D
 Acq: 22 Sep 2023 21:05

Instrument :
 MSVOA_U
 ClientSampleId :

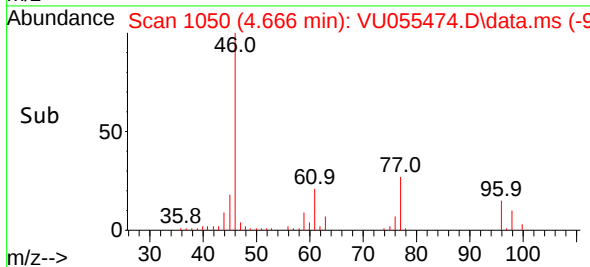
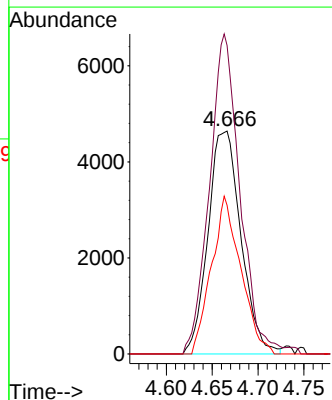
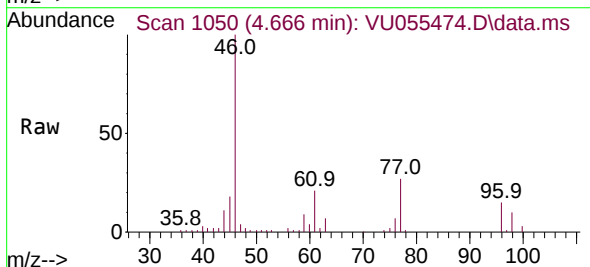


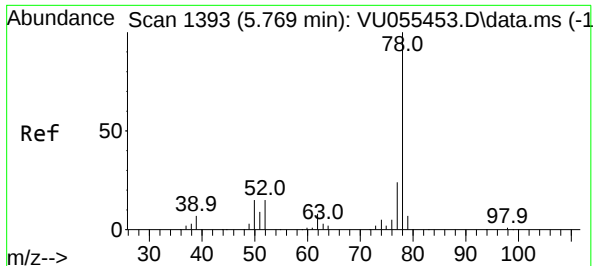
Tgt Ion: 62 Resp: 3510306
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.473 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.007 min
 Lab File: VU055474.D
 Acq: 22 Sep 2023 21:05

Tgt Ion: 96 Resp: 11599
 Ion Ratio Lower Upper
 96 100
 61 138.4 87.8 163.2
 98 66.7 44.4 82.4

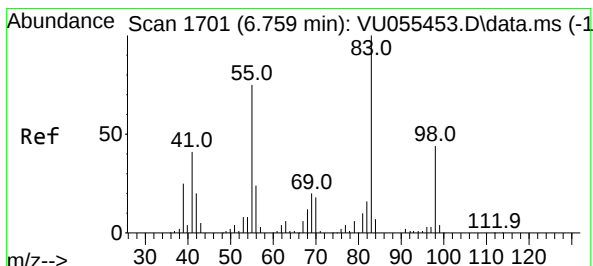
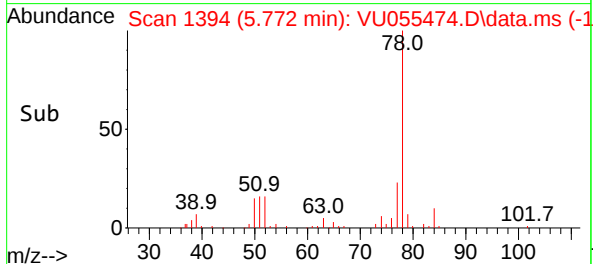
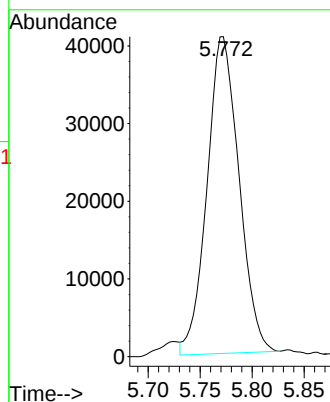
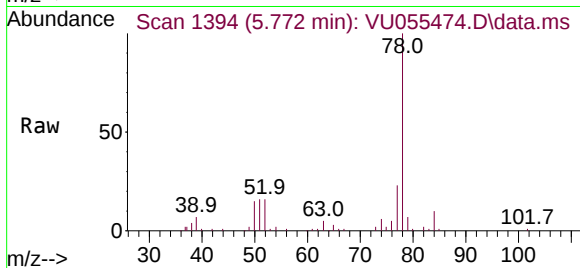




#33
Benzene
Concen: 0.983 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055474.D
Acq: 22 Sep 2023 21:05

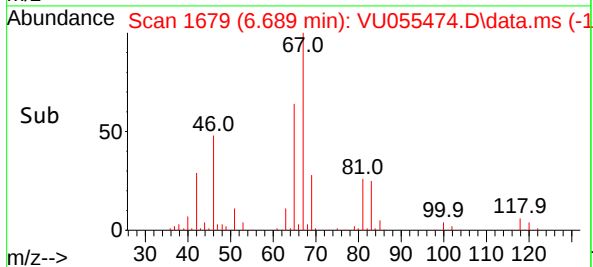
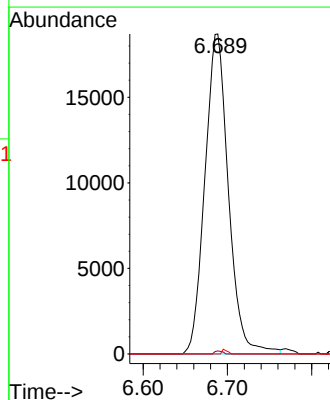
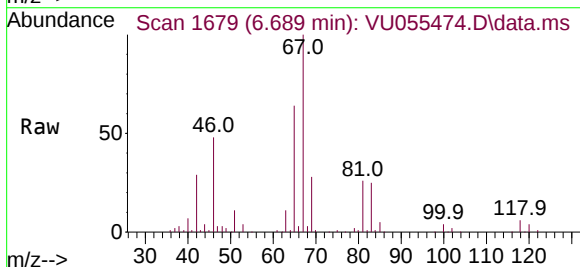
Instrument :
MSVOA_U
ClientSampleId :

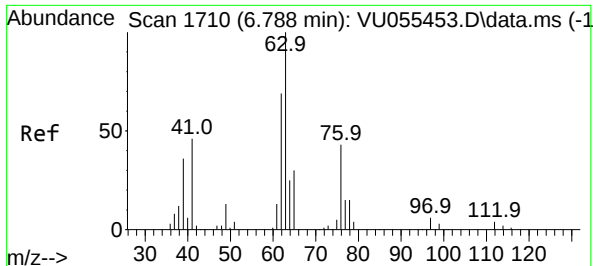
Tgt Ion: 78 Resp: 87268



#35
Methylcyclohexane
Concen: 1.005 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055474.D
Acq: 22 Sep 2023 21:05

Tgt Ion: 83 Resp: 36357
Ion Ratio Lower Upper
83 100
55 0.3 59.1 88.7#
98 0.3 36.3 54.5#

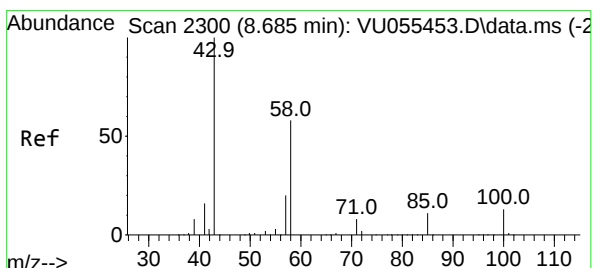
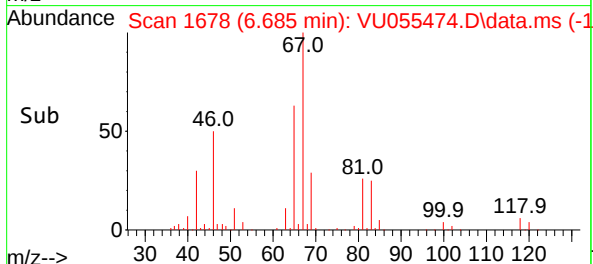
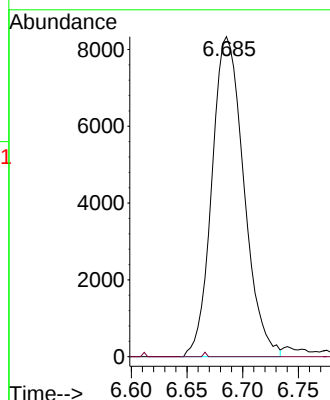
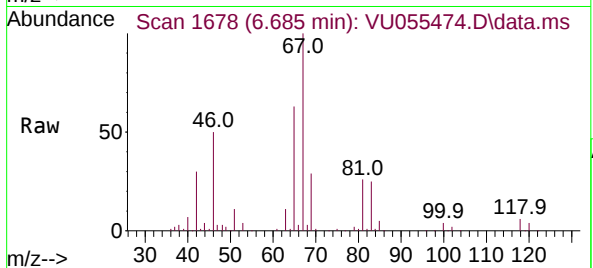




#37
1,2-Dichloropropane
Concen: 0.717 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU055474.D
Acq: 22 Sep 2023 21:05

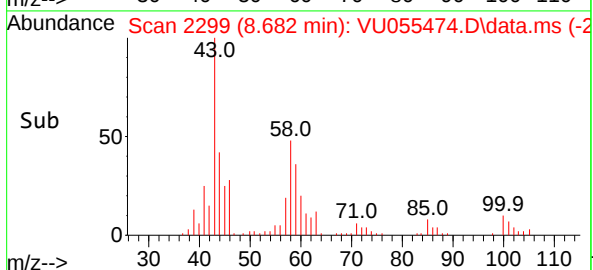
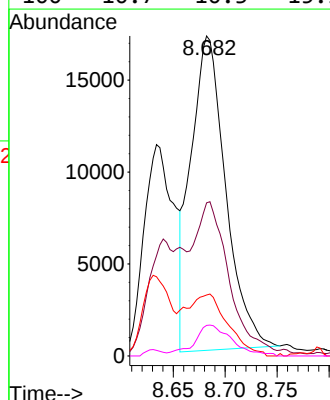
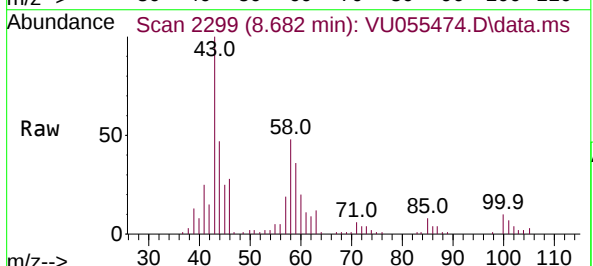
Instrument :
MSVOA_U
ClientSampleId :

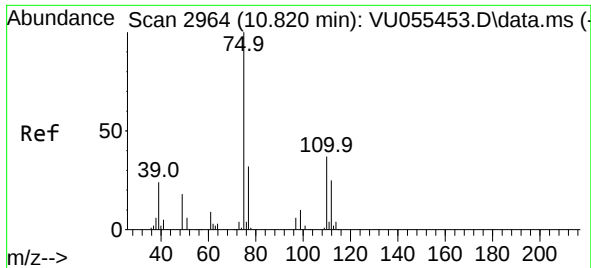
Tgt Ion: 63 Resp: 16639
Ion Ratio Lower Upper
63 100
112 0.1 3.0 4.6#



#48
2-Hexanone
Concen: 4.867 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU055474.D
Acq: 22 Sep 2023 21:05

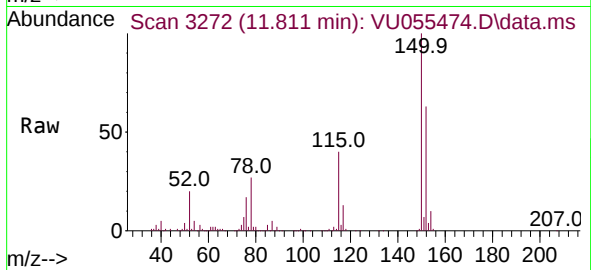
Tgt Ion: 43 Resp: 39738
Ion Ratio Lower Upper
43 100
58 44.6 48.5 72.7#
57 18.9 17.0 25.4
100 10.7 10.3 15.5





#61
 1,2,3-Trichloropropane
 Concen: 1.513 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055474.D
 Acq: 22 Sep 2023 21:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	18094
Ion	Ratio	Lower	Upper
75	100		
110	3.6	30.6	45.8#
77	36.3	26.7	40.1

