

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055485.D
 Acq On : 25 Sep 2023 11:06
 Operator : MD/SY
 Sample : 04579-13DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:21:30 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)

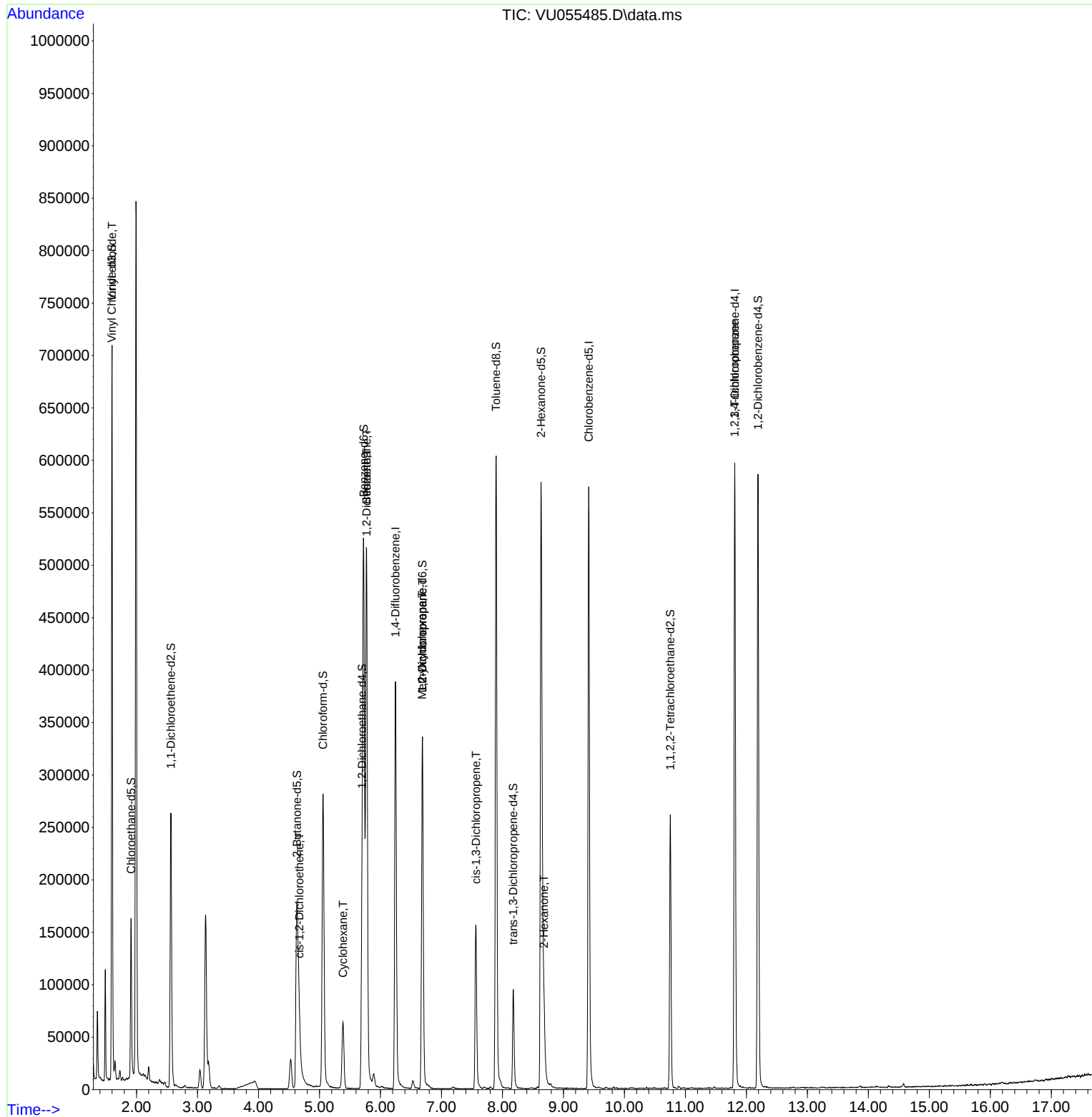
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	322299	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	329541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	161803	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	114446	3.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.910	69	108073	3.765	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.200%
11) 1,1-Dichloroethene-d2	2.563	65	49601	3.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.631	46	325484	55.320	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.640%
24) Chloroform-d	5.058	84	265880	4.513	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.698	65	136928	4.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.724	84	511138	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.688	67	166883	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.897	98	423659	4.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.177	79	58121	4.809	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.634	63	184566	50.205	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.420%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	130554	5.058	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	157863	4.834	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	6981	0.234	ug/L #	64
22) cis-1,2-Dichloroethene	4.669	96	12281	0.466	ug/L	95
27) 1,2-Dichloroethane	5.775	62	5138	0.188	ug/L #	76
30) Cyclohexane	5.386	56	30676	0.892	ug/L	98
33) Benzene	5.772	78	510789	5.385	ug/L	100
35) Methylcyclohexane	6.685	83	39296	1.017	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	17468	0.704	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	3976	0.120	ug/L #	57
48) 2-Hexanone	8.682	43	37535	4.304	ug/L #	84
61) 1,2,3-Trichloropropane	11.807	75	19521	1.545	ug/L #	67

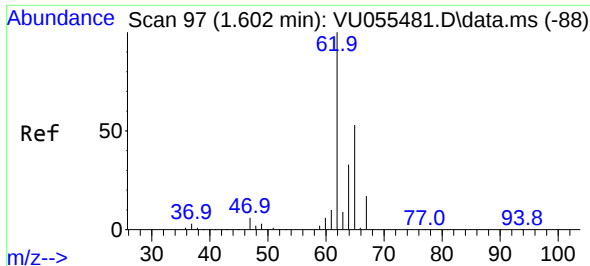
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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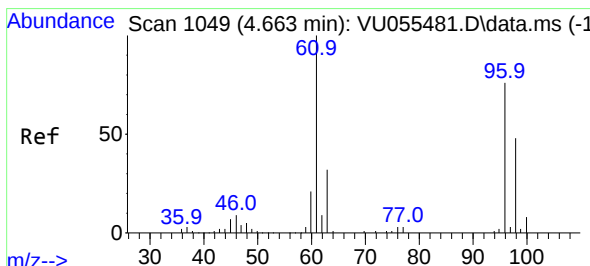
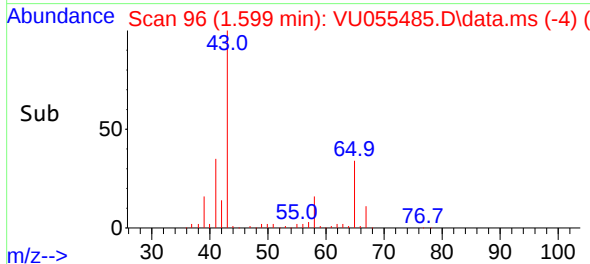
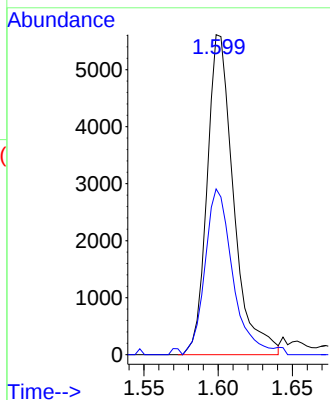
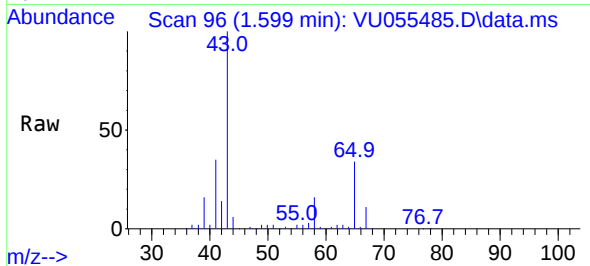




#5
 Vinyl chloride
 Concen: 0.234 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU055485.D
 Acq: 25 Sep 2023 11:06

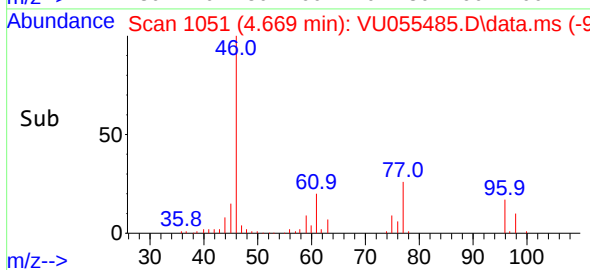
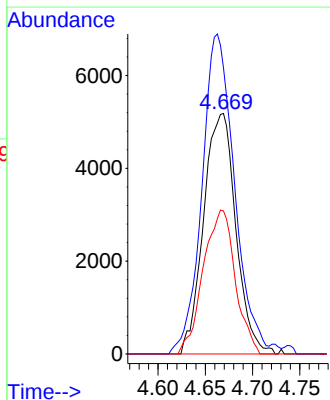
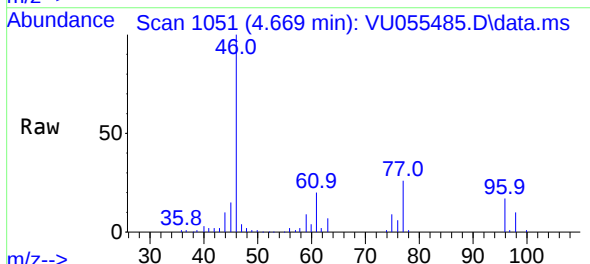
Instrument :
 MSVOA_U
 ClientSampleId :

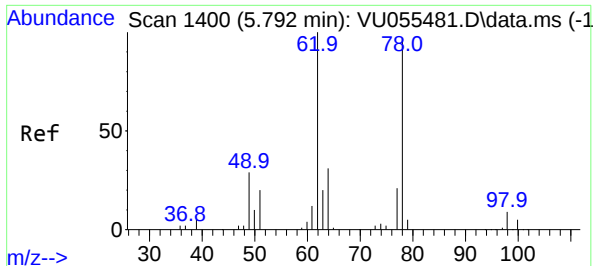
Tgt Ion: 62 Resp: 6981
 Ion Ratio Lower Upper
 62 100
 64 51.8 22.3 41.5#



#22
 cis-1,2-Dichloroethene
 Concen: 0.466 ug/L
 RT: 4.669 min Scan# 1051
 Delta R.T. 0.010 min
 Lab File: VU055485.D
 Acq: 25 Sep 2023 11:06

Tgt Ion: 96 Resp: 12281
 Ion Ratio Lower Upper
 96 100
 61 119.0 87.8 163.2
 98 59.5 44.4 82.4

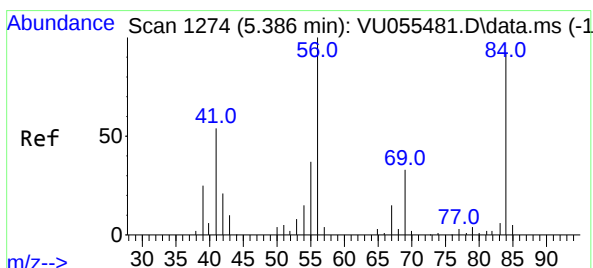
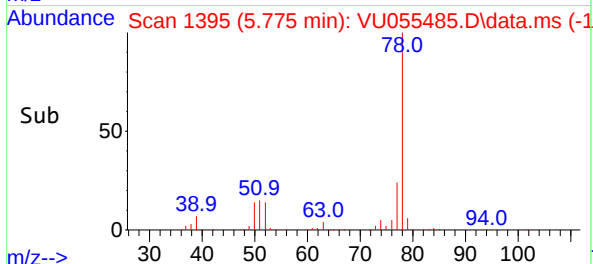
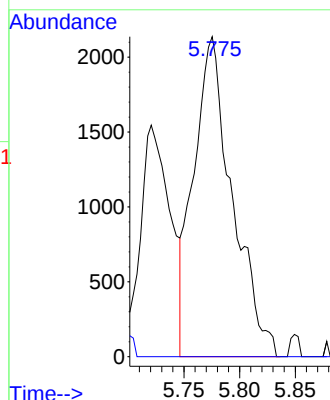
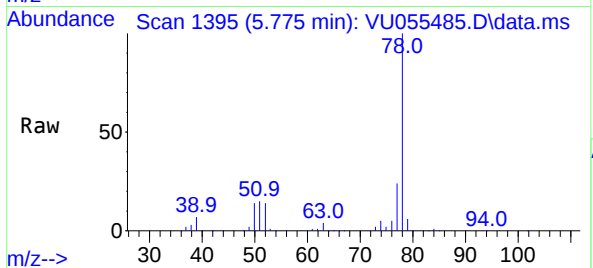




#27
1,2-Dichloroethane
Concen: 0.188 ug/L
RT: 5.775 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU055485.D
Acq: 25 Sep 2023 11:06

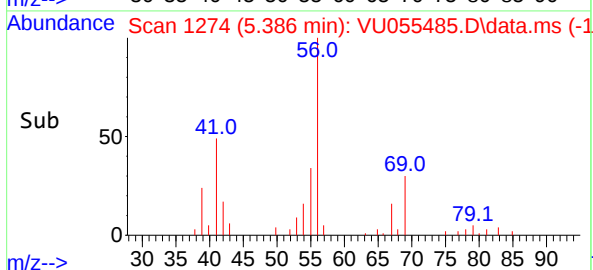
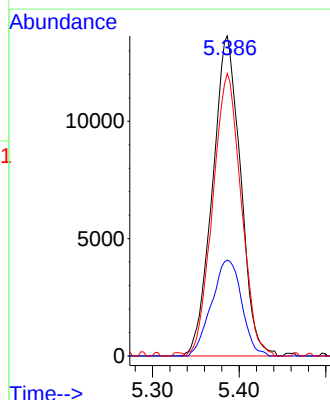
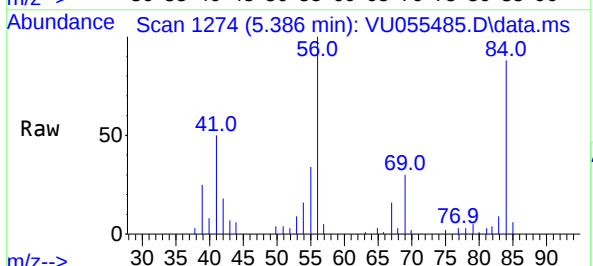
Instrument :
MSVOA_U
ClientSampleId :

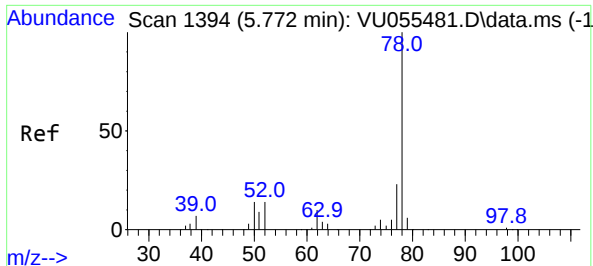
Tgt Ion: 62 Resp: 5138
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#



#30
Cyclohexane
Concen: 0.892 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055485.D
Acq: 25 Sep 2023 11:06

Tgt Ion: 56 Resp: 30676
Ion Ratio Lower Upper
56 100
69 32.1 26.5 39.7
84 89.1 72.6 108.8

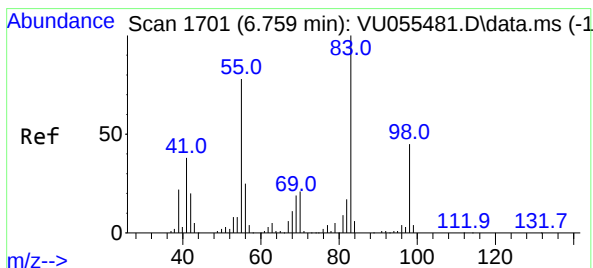
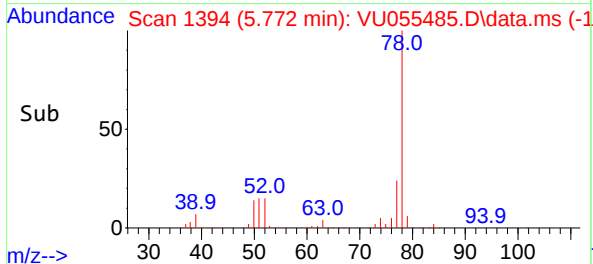
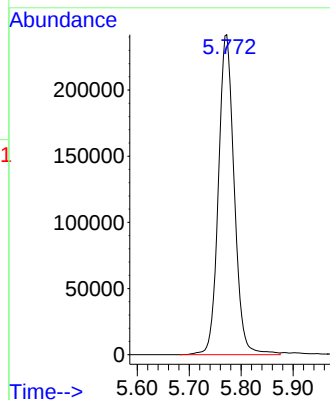
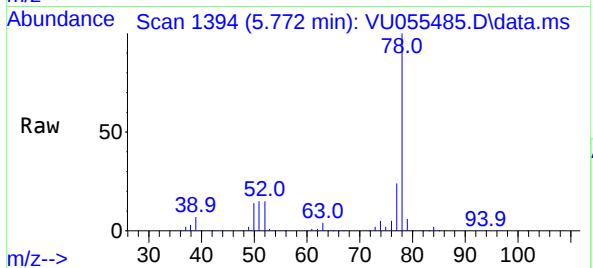




#33
Benzene
Concen: 5.385 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055485.D
Acq: 25 Sep 2023 11:06

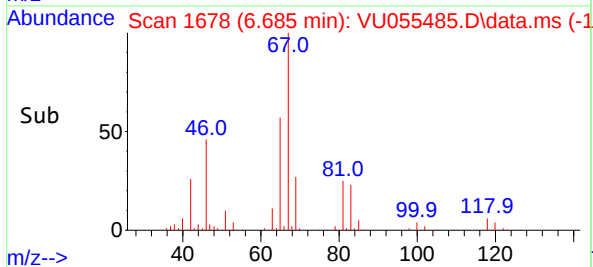
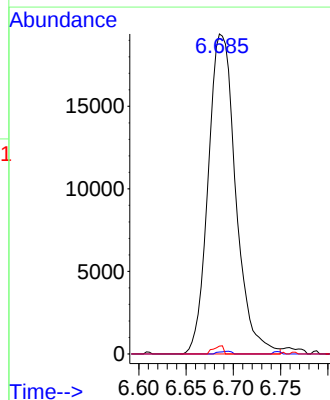
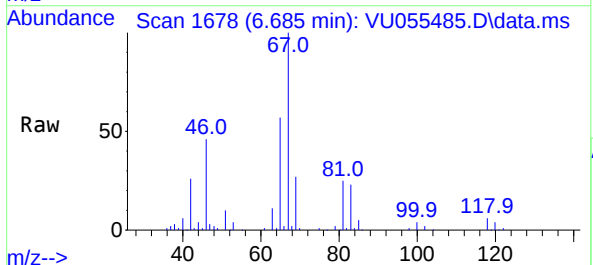
Instrument :
MSVOA_U
ClientSampleId :

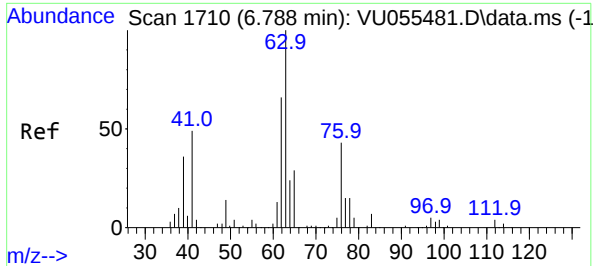
Tgt Ion: 78 Resp: 510789



#35
Methylcyclohexane
Concen: 1.017 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055485.D
Acq: 25 Sep 2023 11:06

Tgt Ion: 83 Resp: 39296
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 0.9 36.3 54.5#

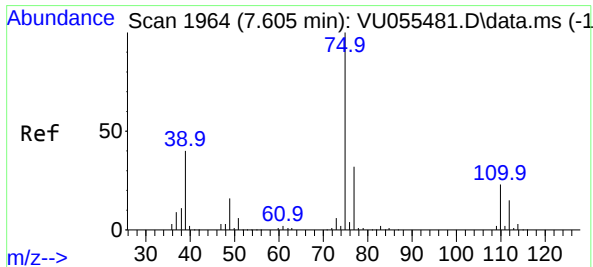
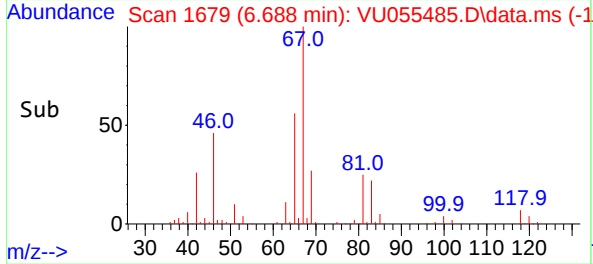
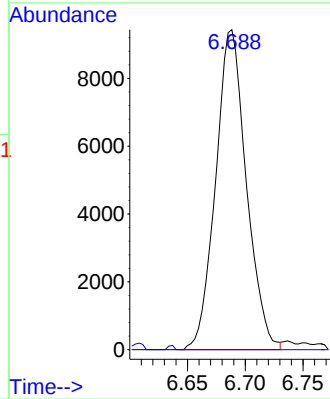
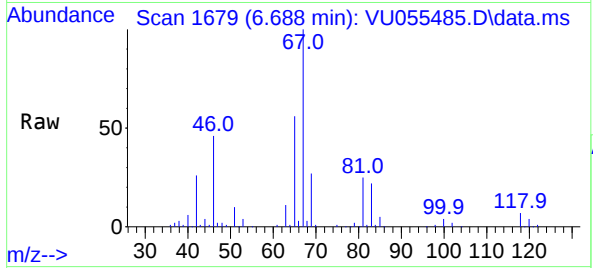




#37
1,2-Dichloropropane
Concen: 0.704 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055485.D
Acq: 25 Sep 2023 11:06

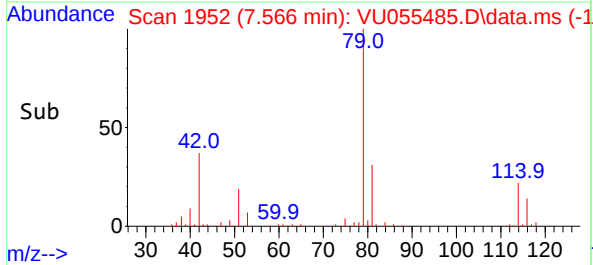
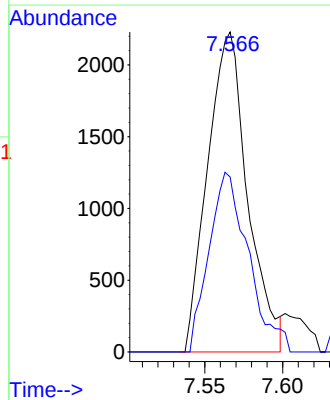
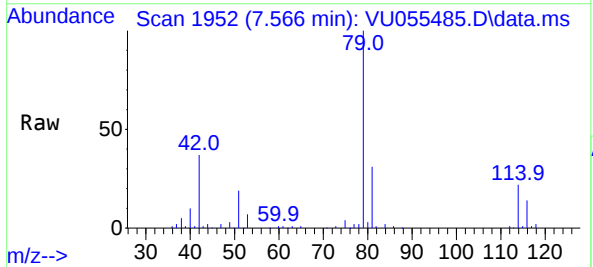
Instrument :
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ClientSampleId :

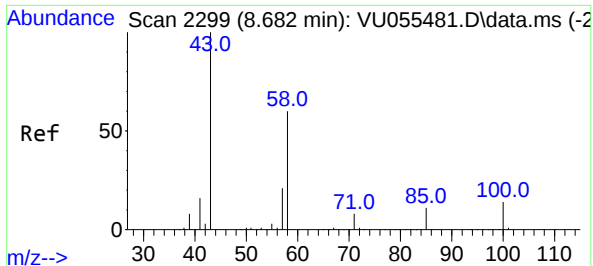
Tgt Ion: 63 Resp: 17468
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.039 min
Lab File: VU055485.D
Acq: 25 Sep 2023 11:06

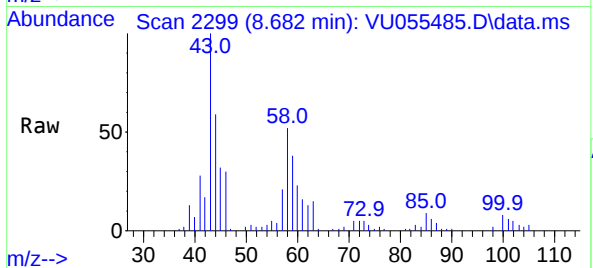
Tgt Ion: 75 Resp: 3976
Ion Ratio Lower Upper
75 100
77 54.7 21.6 40.2#



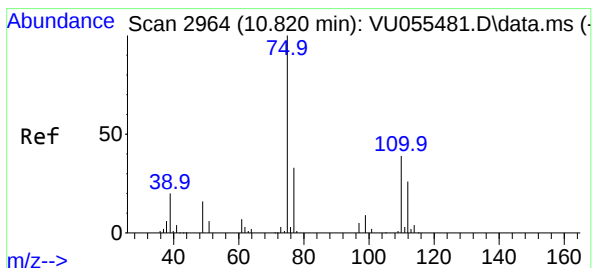
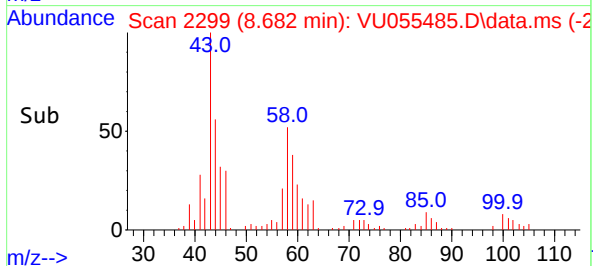
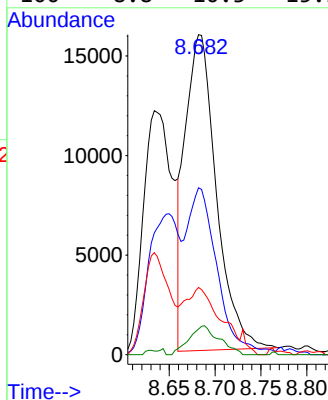


#48
2-Hexanone
Concen: 4.304 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055485.D
Acq: 25 Sep 2023 11:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 37535
Ion Ratio Lower Upper
43 100
58 45.7 48.5 72.7#
57 25.7 17.0 25.4#
100 8.8 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.545 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055485.D
Acq: 25 Sep 2023 11:06

Tgt Ion: 75 Resp: 19521
Ion Ratio Lower Upper
75 100
110 1.7 30.6 45.8#
77 34.1 26.7 40.1

