

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055500.D
 Acq On : 25 Sep 2023 17:11
 Operator : MD/SY
 Sample : 04579-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:23:49 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)

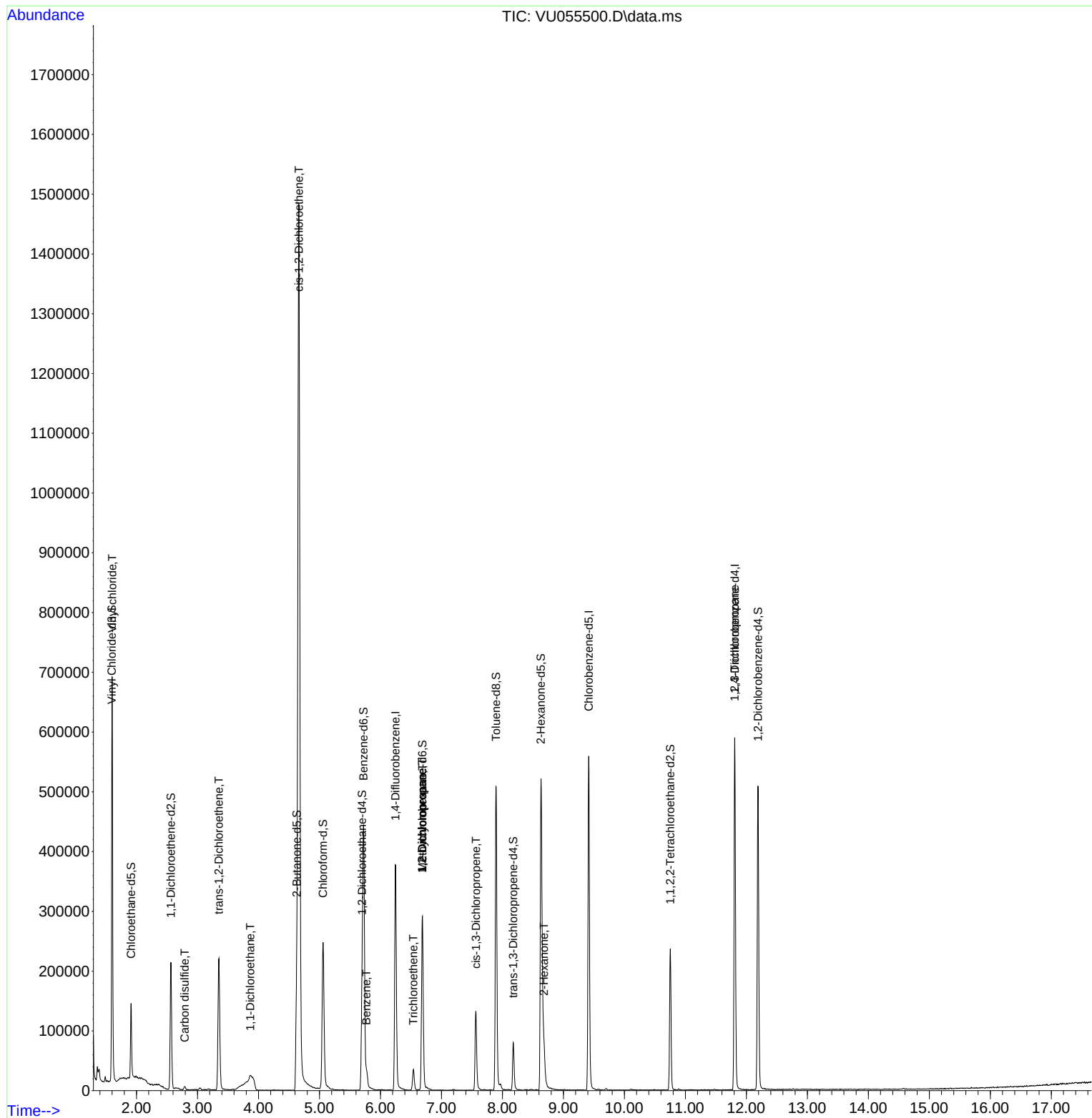
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	314219	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	323042	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	162633	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95118	2.995	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.911	69	89824	3.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.200%#
11) 1,1-Dichloroethene-d2	2.563	65	40708	3.114	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.628	46	298836	52.096	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	5.058	84	238937	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.698	65	120108	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.724	84	442225	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.689	67	147773	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.894	98	351146	3.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.200%#
43) trans-1,3-Dichloroprop...	8.177	79	48727	4.113	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.631	63	168469	46.749	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.500%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	123078	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	139822	4.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	408410	14.067	ug/L	100
14) Carbon disulfide	2.792	76	7958	0.121	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	98777	4.461	ug/L	97
19) 1,1-Dichloroethane	3.866	63	8928	0.218	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	773592	30.133	ug/L	99
33) Benzene	5.772	78	25044	0.269	ug/L	100
34) Trichloroethene	6.541	95	11796	0.449	ug/L	96
35) Methylcyclohexane	6.689	83	34945	0.922	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	15909	0.654	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	3612	0.111	ug/L #	71
48) 2-Hexanone	8.682	43	34217	4.003	ug/L	94
61) 1,2,3-Trichloropropane	11.807	75	18002	1.418	ug/L #	69

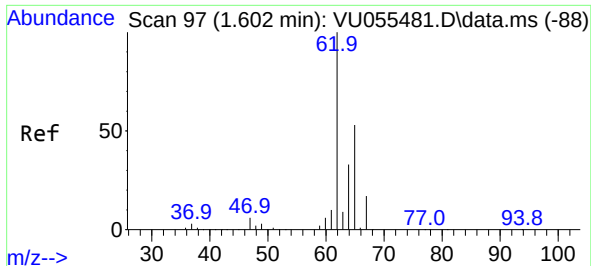
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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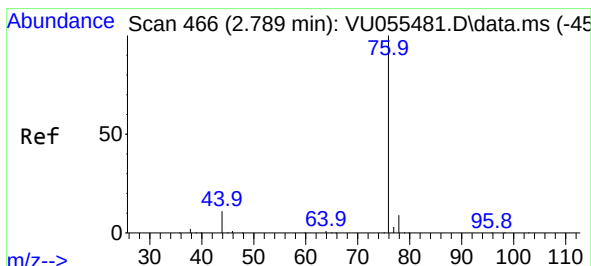
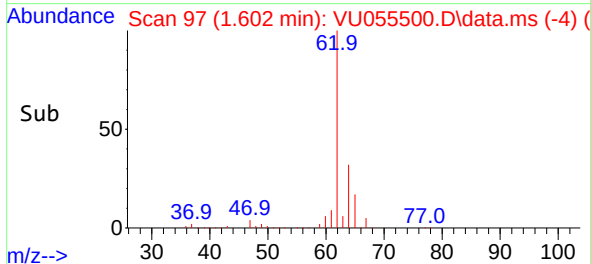
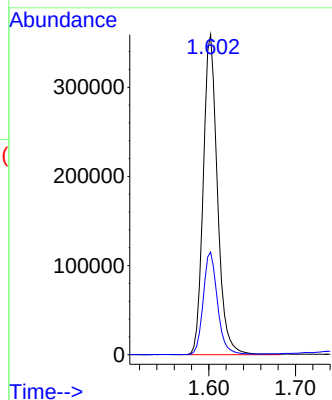
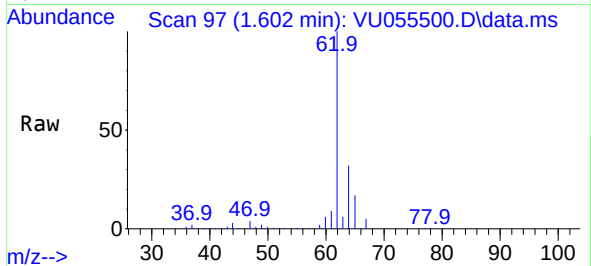




#5
 Vinyl chloride
 Concen: 14.067 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055500.D
 Acq: 25 Sep 2023 17:11

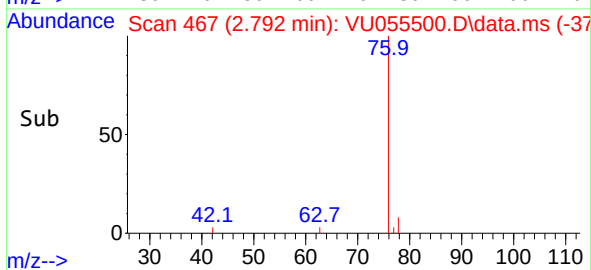
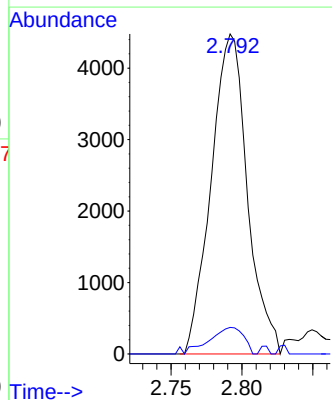
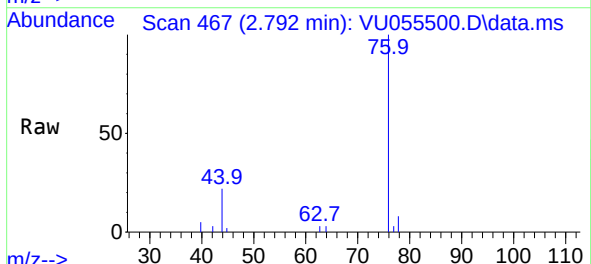
Instrument :
 MSVOA_U
 ClientSampleId :

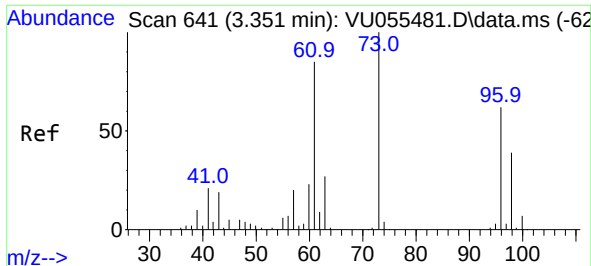
Tgt Ion: 62 Resp: 408410
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.3 41.5



#14
 Carbon disulfide
 Concen: 0.121 ug/L
 RT: 2.792 min Scan# 467
 Delta R.T. 0.003 min
 Lab File: VU055500.D
 Acq: 25 Sep 2023 17:11

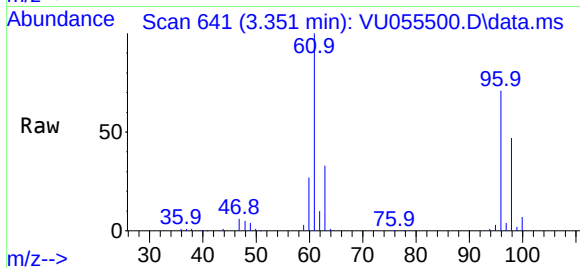
Tgt Ion: 76 Resp: 7958
 Ion Ratio Lower Upper
 76 100
 78 8.3 7.7 11.5





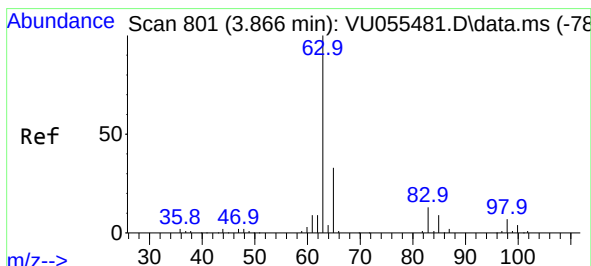
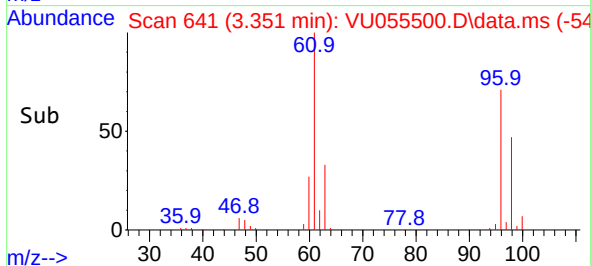
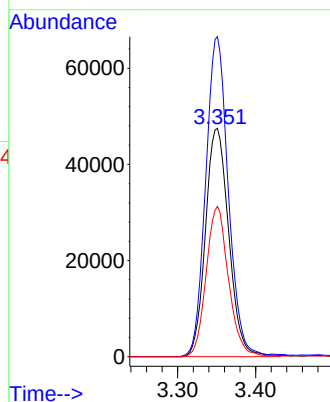
#18
trans-1,2-Dichloroethene
Concen: 4.461 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055500.D
Acq: 25 Sep 2023 17:11

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 98777

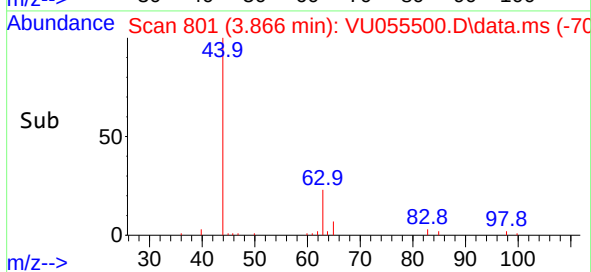
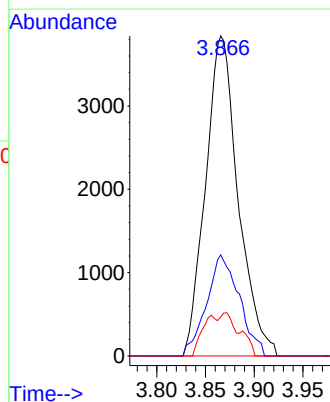
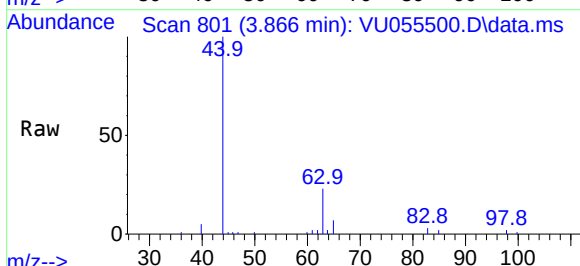
Ion	Ratio	Lower	Upper
96	100		
61	140.2	94.6	175.6
98	65.9	45.7	84.9

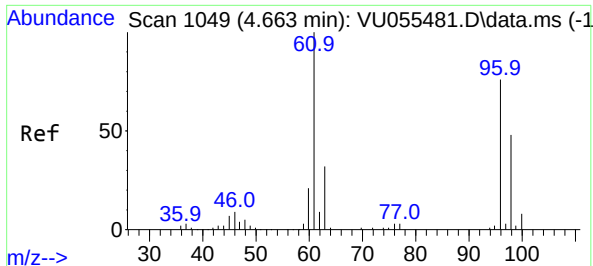


#19
1,1-Dichloroethane
Concen: 0.218 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU055500.D
Acq: 25 Sep 2023 17:11

Tgt Ion: 63 Resp: 8928

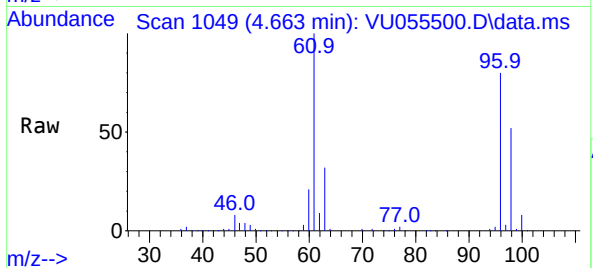
Ion	Ratio	Lower	Upper
63	100		
65	29.2	22.0	41.0
83	11.3	10.1	18.9





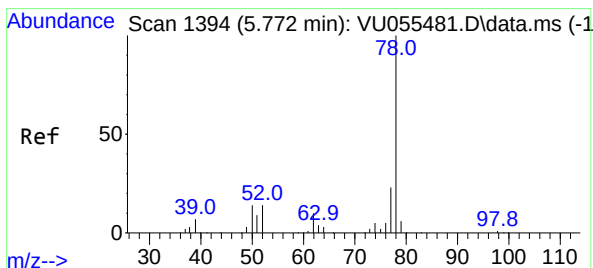
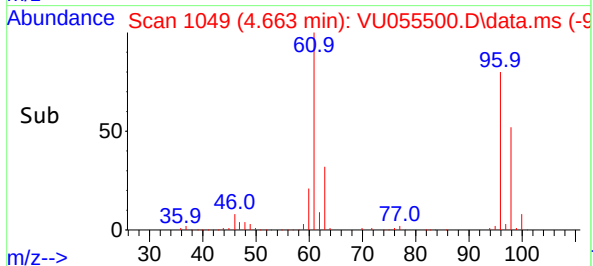
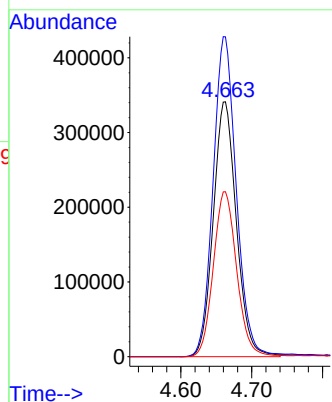
#22
 cis-1,2-Dichloroethene
 Concen: 30.133 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055500.D
 Acq: 25 Sep 2023 17:11

Instrument :
 MSVOA_U
 ClientSampleId :



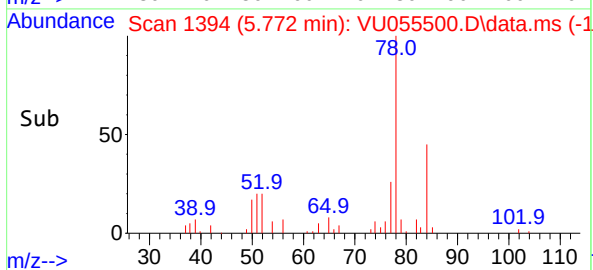
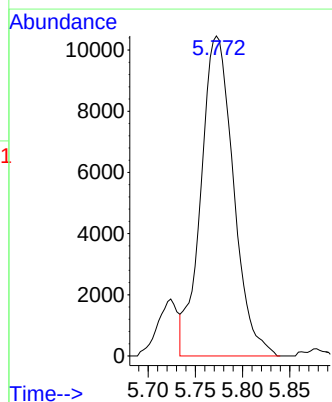
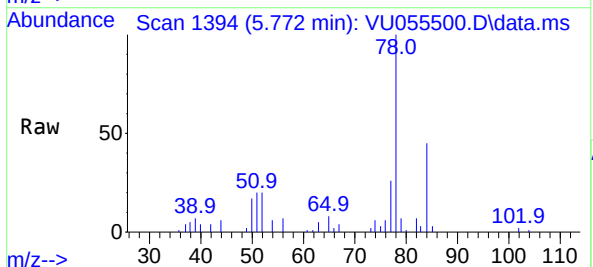
Tgt Ion: 96 Resp: 773592

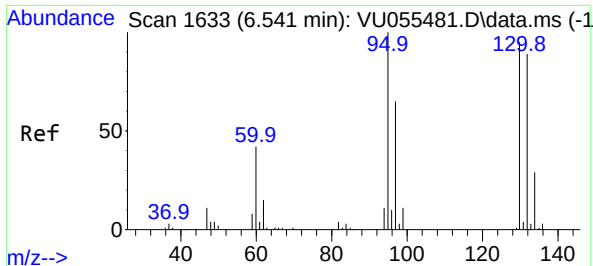
Ion	Ratio	Lower	Upper
96	100		
61	125.5	87.8	163.2
98	64.7	44.4	82.4



#33
 Benzene
 Concen: 0.269 ug/L
 RT: 5.772 min Scan# 1394
 Delta R.T. 0.003 min
 Lab File: VU055500.D
 Acq: 25 Sep 2023 17:11

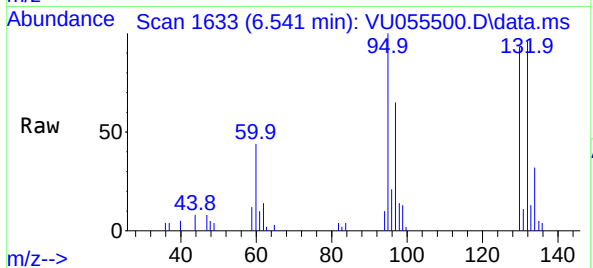
Tgt Ion: 78 Resp: 25044



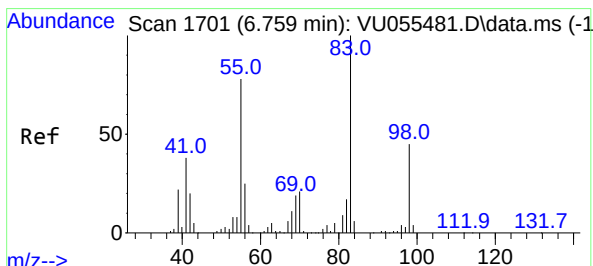
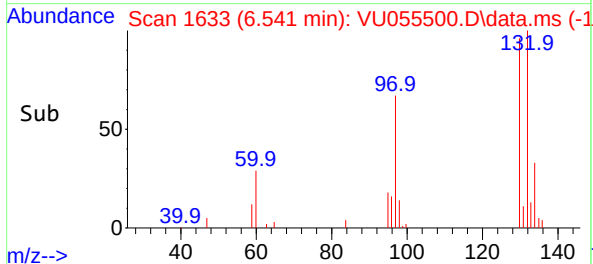
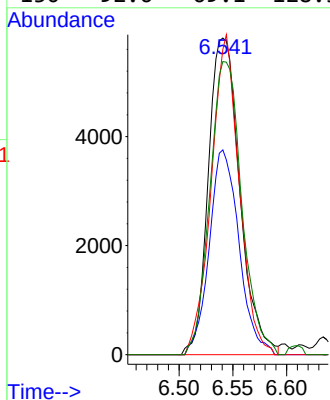


#34
Trichloroethene
Concen: 0.449 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055500.D
Acq: 25 Sep 2023 17:11

Instrument :
MSVOA_U
ClientSampleId :

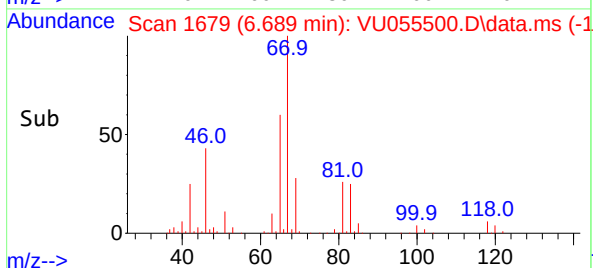
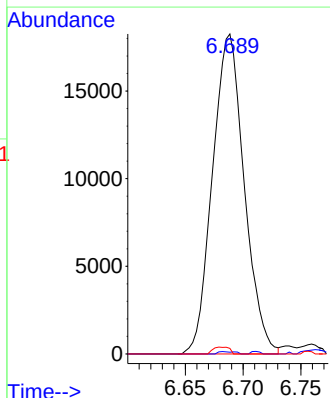
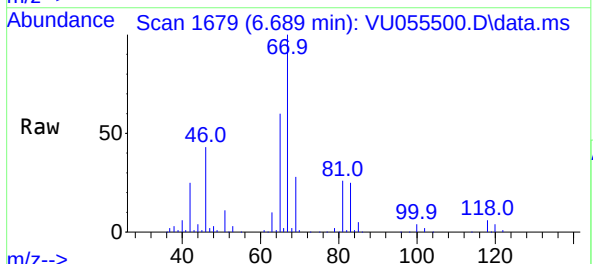


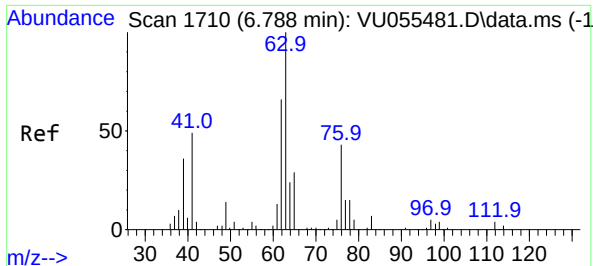
Tgt Ion: 95 Resp: 11796
Ion Ratio Lower Upper
95 100
97 64.7 45.4 84.2
132 96.4 65.2 121.2
130 92.6 69.1 128.3



#35
Methylcyclohexane
Concen: 0.922 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055500.D
Acq: 25 Sep 2023 17:11

Tgt Ion: 83 Resp: 34945
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 1.1 36.3 54.5#

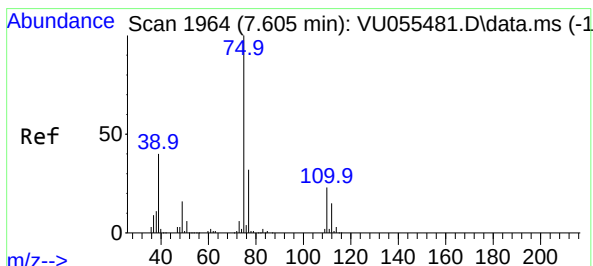
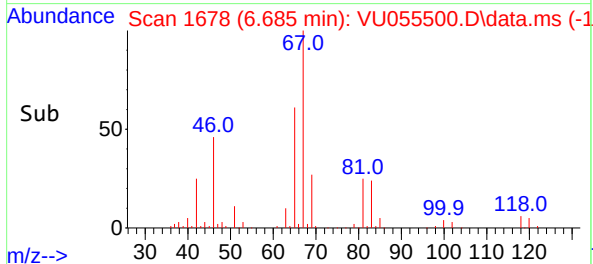
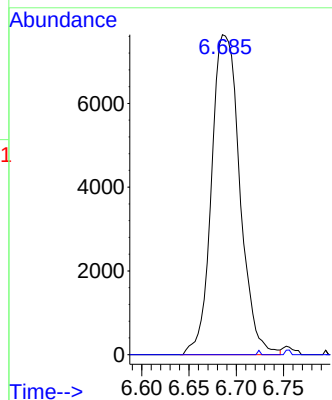
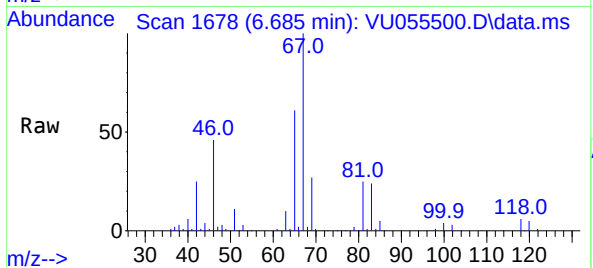




#37
1,2-Dichloropropane
Concen: 0.654 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU055500.D
Acq: 25 Sep 2023 17:11

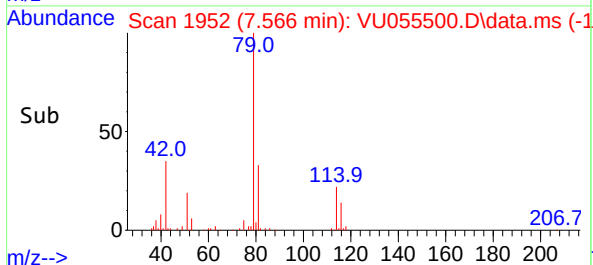
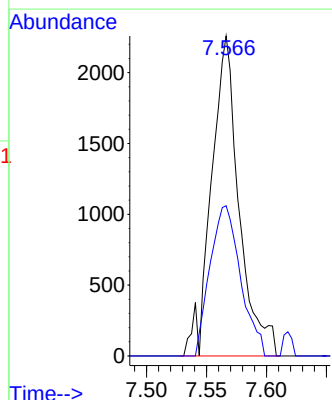
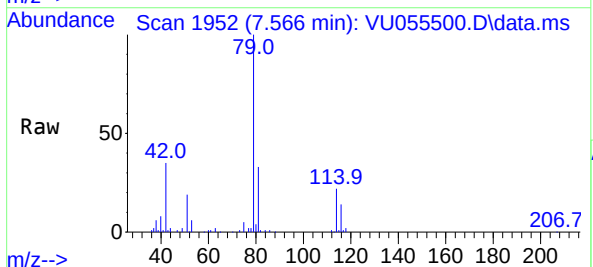
Instrument :
MSVOA_U
ClientSampleId :

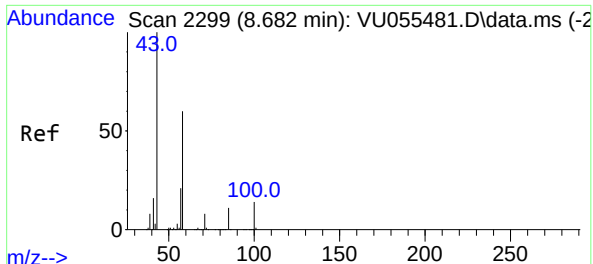
Tgt Ion: 63 Resp: 15909
Ion Ratio Lower Upper
63 100
112 0.1 3.0 4.6#



#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.566 min Scan# 1952
Delta R.T. -0.038 min
Lab File: VU055500.D
Acq: 25 Sep 2023 17:11

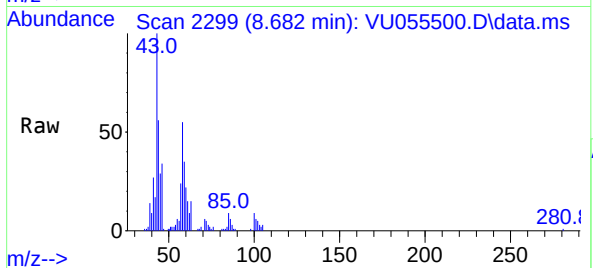
Tgt Ion: 75 Resp: 3612
Ion Ratio Lower Upper
75 100
77 46.9 21.6 40.2#





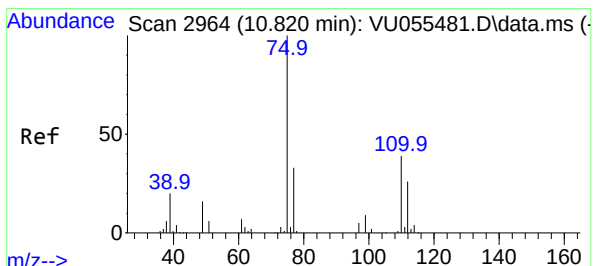
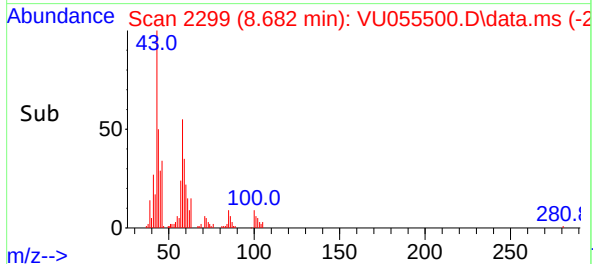
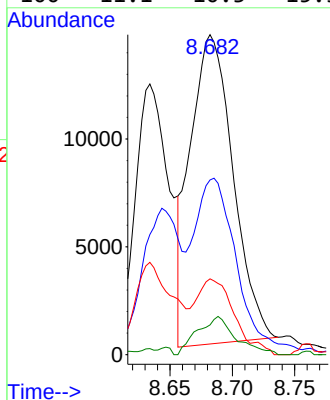
#48
2-Hexanone
Concen: 4.003 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055500.D
Acq: 25 Sep 2023 17:11

Instrument :
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Tgt Ion: 43 Resp: 34217

Ion	Ratio	Lower	Upper
43	100		
58	53.9	48.5	72.7
57	21.5	17.0	25.4
100	11.1	10.3	15.5



#61
1,2,3-Trichloropropane
Concen: 1.418 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055500.D
Acq: 25 Sep 2023 17:11

Tgt Ion: 75 Resp: 18002

Ion	Ratio	Lower	Upper
75	100		
110	3.0	30.6	45.8#
77	33.7	26.7	40.1

