

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055534.D
 Acq On : 26 Sep 2023 23:06
 Operator : MD/SY
 Sample : 04530-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

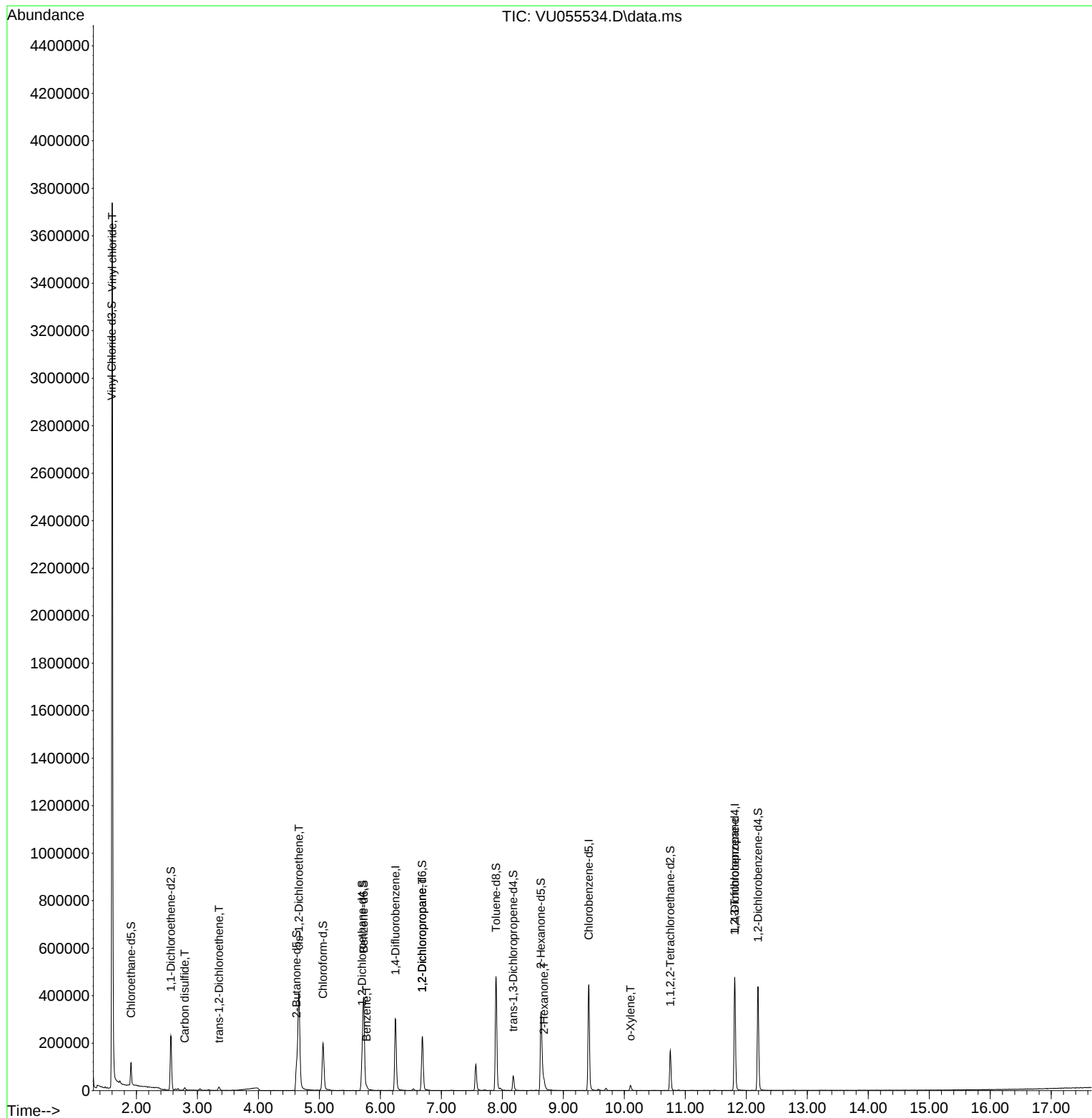
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	257841	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	267623	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	136682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	117864	4.523	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.400%	
7) Chloroethane-d5	1.911	69	67412	2.935	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	58.800%#	
11) 1,1-Dichloroethene-d2	2.563	65	42253	3.939	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.800%	
20) 2-Butanone-d5	4.624	46	178744	37.974	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	75.940%	
24) Chloroform-d	5.058	84	192040	4.074	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
26) 1,2-Dichloroethane-d4	5.698	65	88447	3.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
32) Benzene-d6	5.724	84	388206	4.147	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.000%	
36) 1,2-Dichloropropane-d6	6.685	67	116815	4.177	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.894	98	338904	3.972	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	8.177	79	39707	4.045	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.000%	
46) 2-Hexanone-d5	8.631	63	107990	36.172	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.340%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86996	4.150	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	121580	4.407	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	2541445	106.673	ug/L	98
14) Carbon disulfide	2.792	76	14712	0.271	ug/L	97
18) trans-1,2-Dichloroethene	3.354	96	5876	0.323	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	215044	10.208	ug/L	94
33) Benzene	5.775	78	11010	0.143	ug/L	100
37) 1,2-Dichloropropane	6.685	63	12358	0.613	ug/L #	89
48) 2-Hexanone	8.682	43	20660	2.917	ug/L #	83
54) o-Xylene	10.100	106	6324	0.197	ug/L	88
61) 1,2,3-Trichloropropane	11.807	75	14983	1.404	ug/L #	68

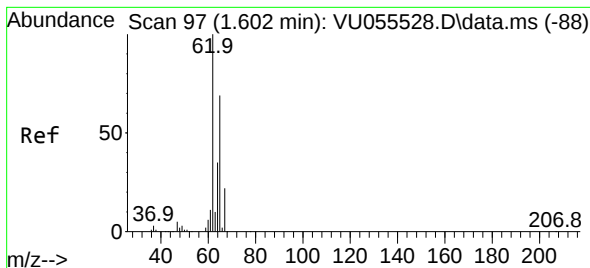
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 106.673 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

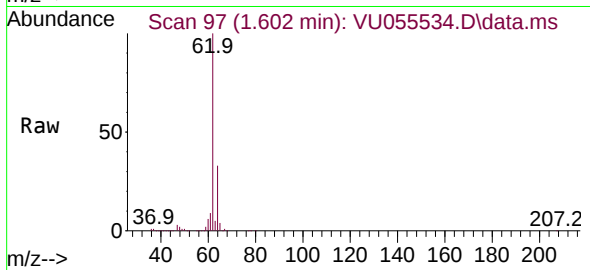
Lab File: VU055534.D

Acq: 26 Sep 2023 23:06

Instrument :

MSVOA_U

ClientSampleId :

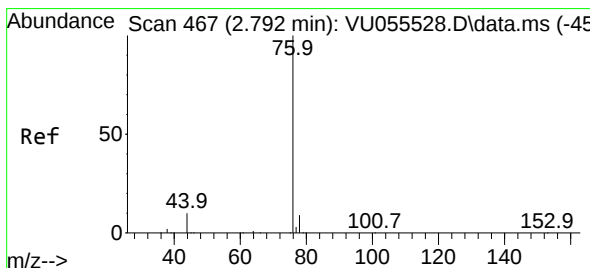
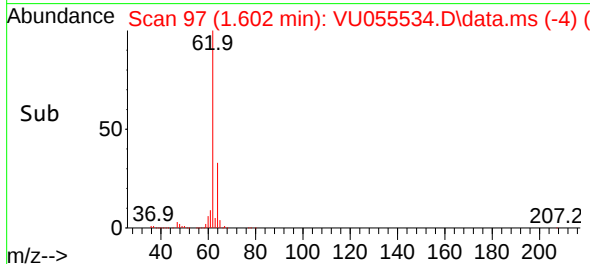
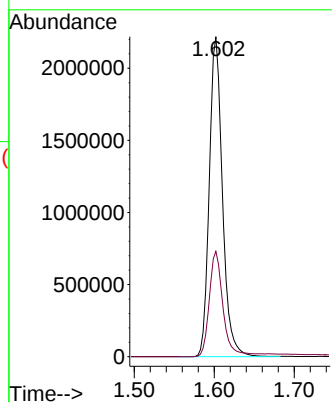


Tgt Ion: 62 Resp: 2541445

Ion Ratio Lower Upper

62 100

64 32.9 22.3 41.5



#14

Carbon disulfide

Concen: 0.271 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.000 min

Lab File: VU055534.D

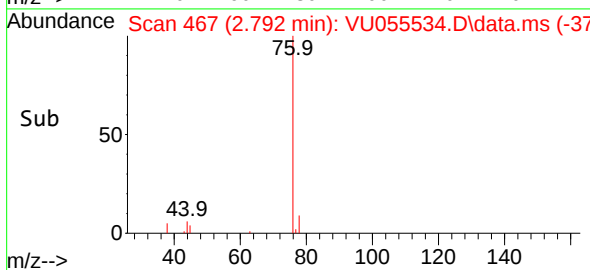
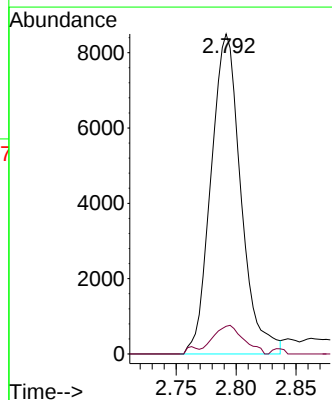
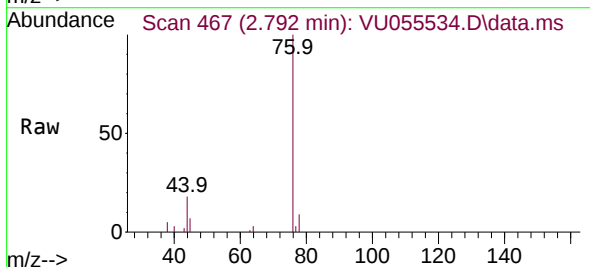
Acq: 26 Sep 2023 23:06

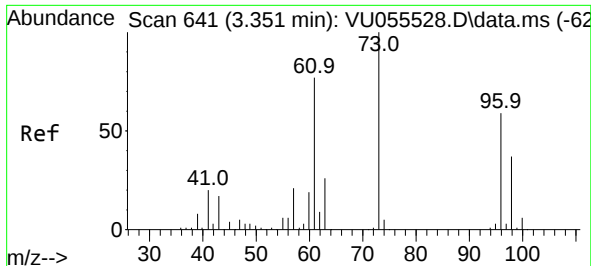
Tgt Ion: 76 Resp: 14712

Ion Ratio Lower Upper

76 100

78 8.6 7.7 11.5

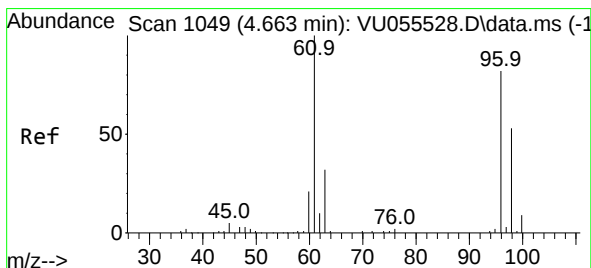
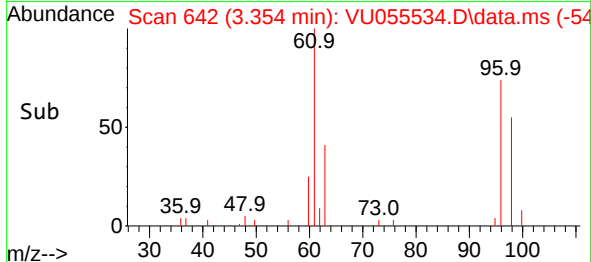
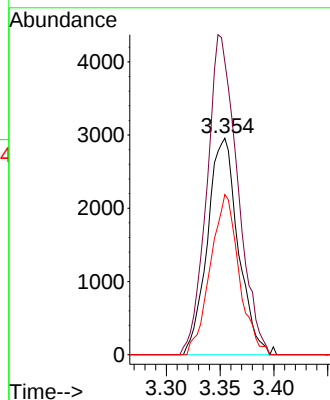
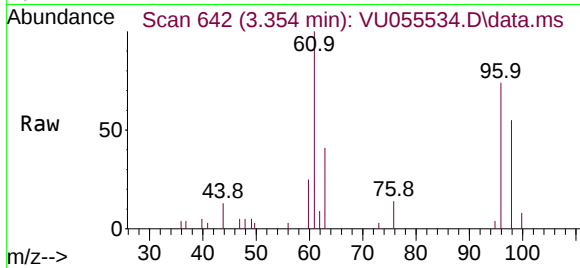




#18
trans-1,2-Dichloroethene
Concen: 0.323 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055534.D
Acq: 26 Sep 2023 23:06

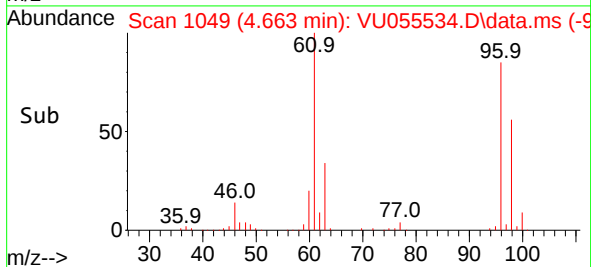
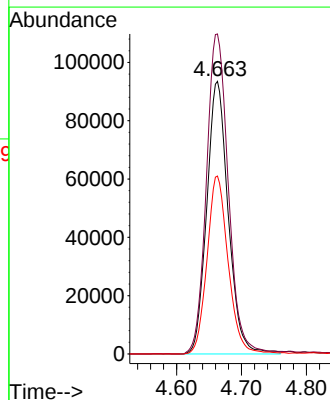
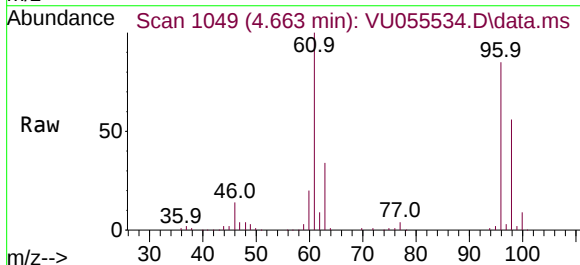
Instrument :
MSVOA_U
ClientSampleId :

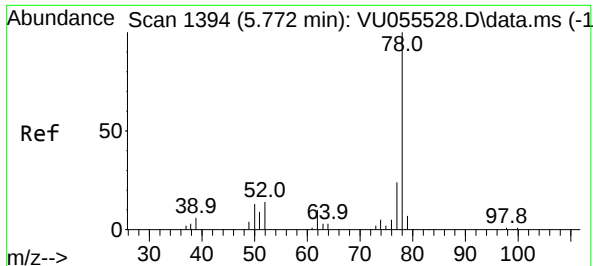
Tgt Ion: 96 Resp: 5876
Ion Ratio Lower Upper
96 100
61 135.2 94.6 175.6
98 73.9 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 10.208 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VU055534.D
Acq: 26 Sep 2023 23:06

Tgt Ion: 96 Resp: 215044
Ion Ratio Lower Upper
96 100
61 117.4 87.8 163.2
98 65.3 44.4 82.4

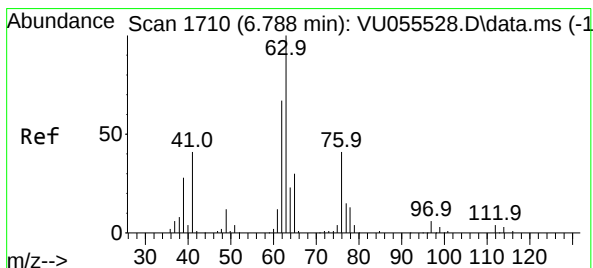
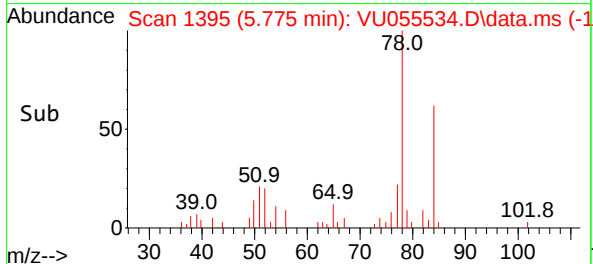
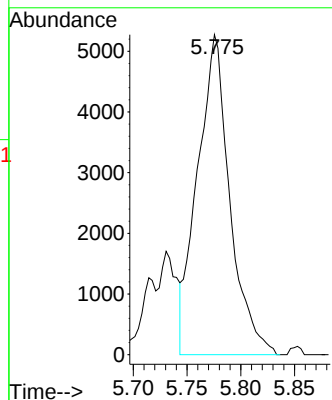
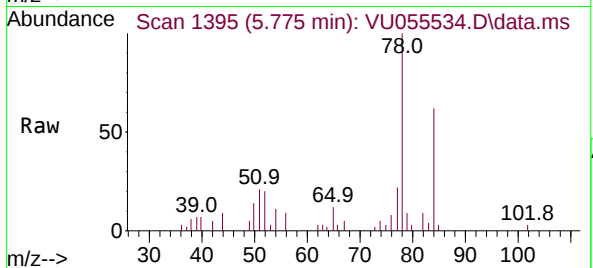




#33
Benzene
Concen: 0.143 ug/L
RT: 5.775 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055534.D
Acq: 26 Sep 2023 23:06

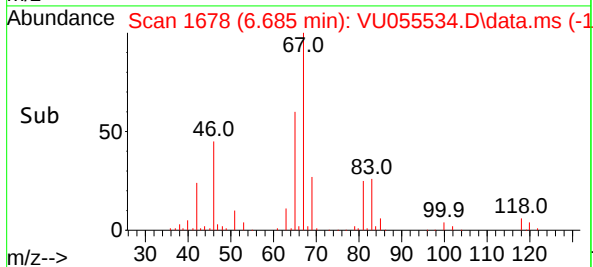
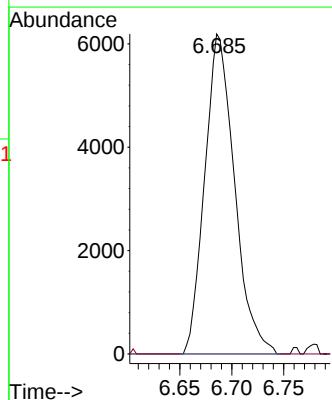
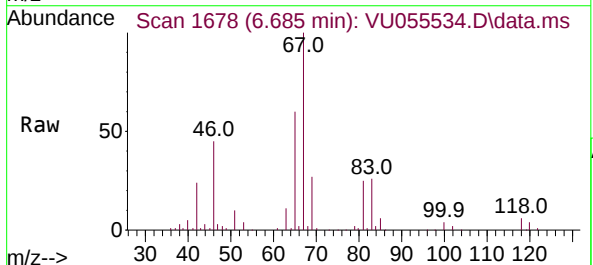
Instrument :
MSVOA_U
ClientSampleId :

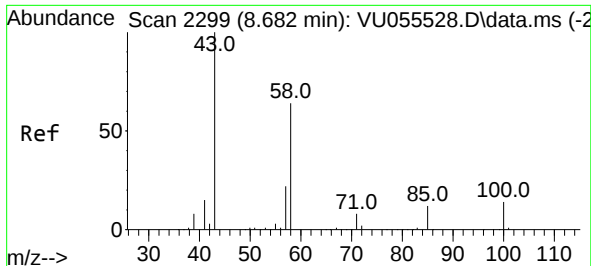
Tgt Ion: 78 Resp: 11010



#37
1,2-Dichloropropane
Concen: 0.613 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055534.D
Acq: 26 Sep 2023 23:06

Tgt Ion: 63 Resp: 12358
Ion Ratio Lower Upper
63 100
112 0.2 3.0 4.6#

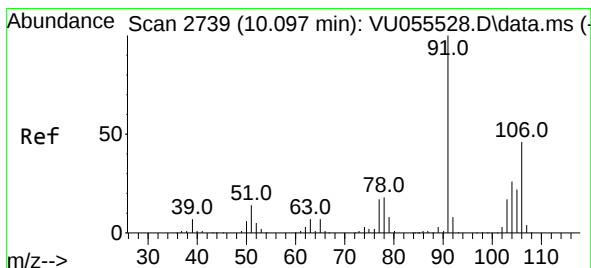
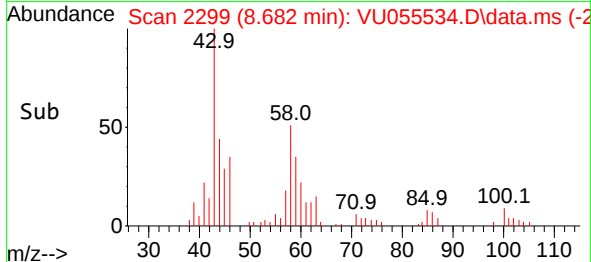
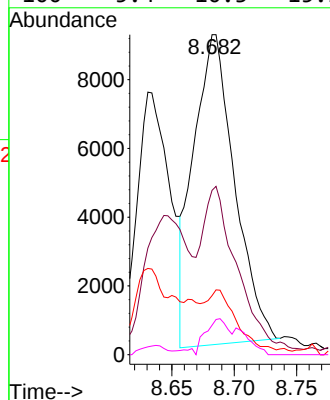
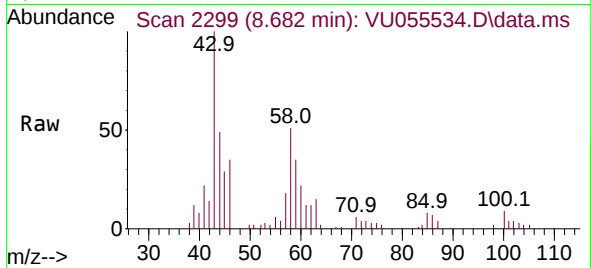




#48
2-Hexanone
Concen: 2.917 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055534.D
Acq: 26 Sep 2023 23:06

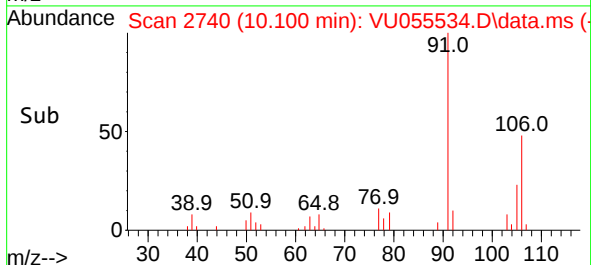
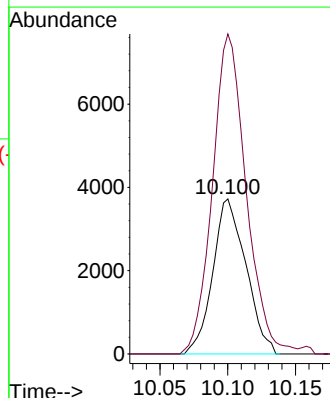
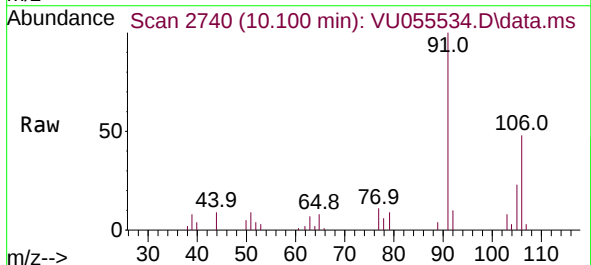
Instrument :
MSVOA_U
ClientSampleId :

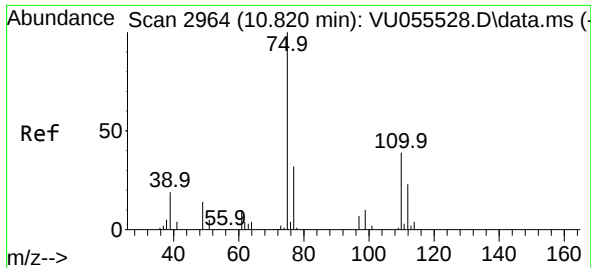
Tgt Ion: 43	Resp: 20660
Ion Ratio	Lower Upper
43	100
58	47.4 48.5 72.7#
57	15.1 17.0 25.4#
100	5.4 10.3 15.5#



#54
o-Xylene
Concen: 0.197 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU055534.D
Acq: 26 Sep 2023 23:06

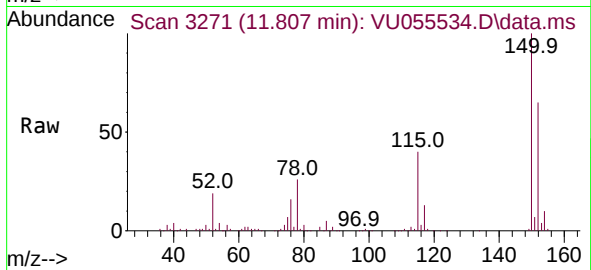
Tgt Ion: 106	Resp: 6324
Ion Ratio	Lower Upper
106	100
91	206.3 157.6 292.8





#61
1,2,3-Trichloropropane
Concen: 1.404 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU055534.D
Acq: 26 Sep 2023 23:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	14983
Ion	Ratio	Lower	Upper
75	100		
110	2.8	30.6	45.8#
77	32.3	26.7	40.1

