

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055503.D
 Acq On : 25 Sep 2023 18:24
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:24:28 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)

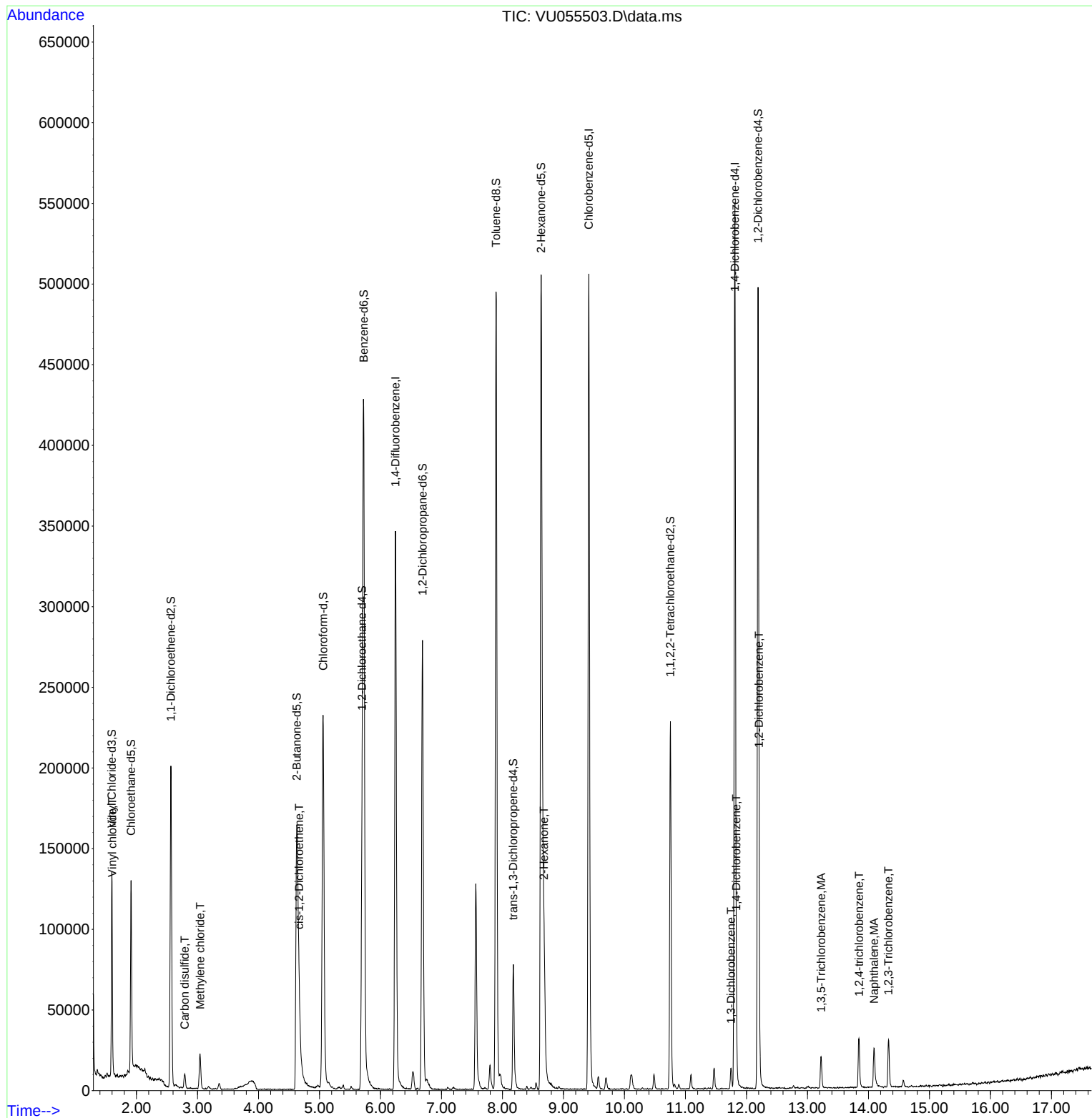
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	287602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	294096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	148546	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	88265	3.037	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.911	69	84049	3.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.600%
11) 1,1-Dichloroethene-d2	2.563	65	38919	3.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.628	46	305444	58.176	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.360%
24) Chloroform-d	5.059	84	224855	4.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.698	65	114330	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.724	84	423772	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.689	67	143725	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.894	98	344316	3.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.177	79	46038	4.268	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.631	63	164178	50.042	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	116195	5.044	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	136129	4.540	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	5223	0.197	ug/L #	67
14) Carbon disulfide	2.792	76	12660	0.209	ug/L	100
16) Methylene chloride	3.043	84	11257	0.467	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	7566	0.322	ug/L	94
48) 2-Hexanone	8.682	43	48917	6.285	ug/L #	96
64) 1,3-Dichlorobenzene	11.746	146	5543	0.135	ug/L	87
65) 1,4-Dichlorobenzene	11.833	146	7211	0.176	ug/L	90
67) 1,2-Dichlorobenzene	12.206	146	6378	0.170	ug/L #	91
69) 1,3,5-Trichlorobenzene	13.222	180	7310	0.259	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	11147	0.518	ug/L	91
71) Naphthalene	14.090	128	23617	0.758	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	10213	0.545	ug/L	97

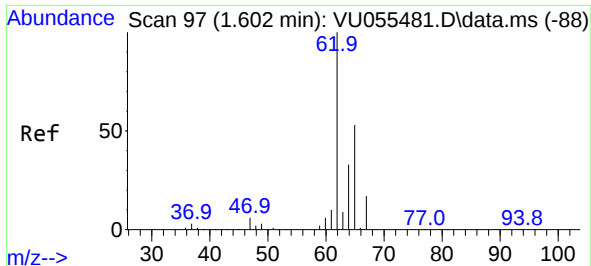
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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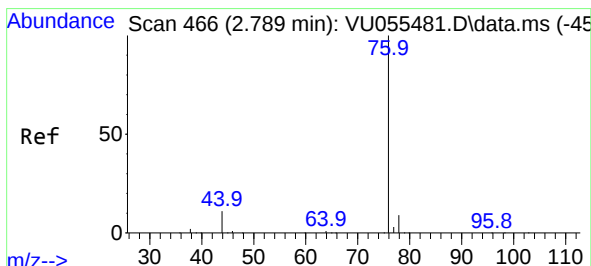
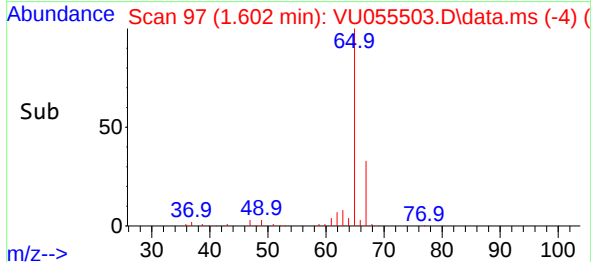
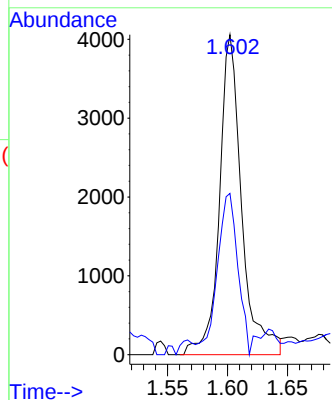
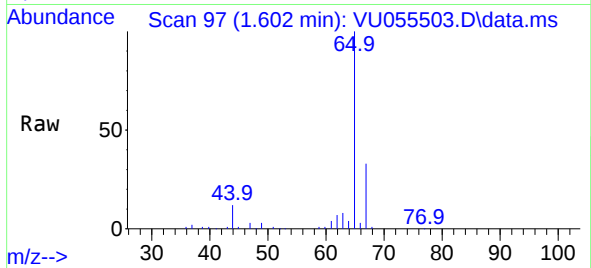




#5
 Vinyl chloride
 Concen: 0.197 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055503.D
 Acq: 25 Sep 2023 18:24

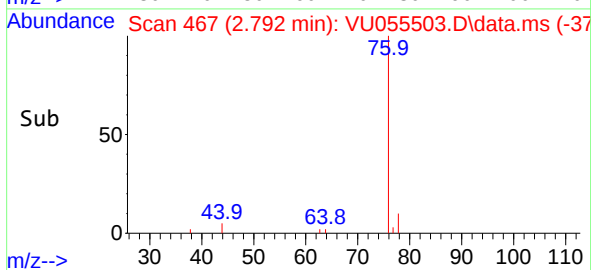
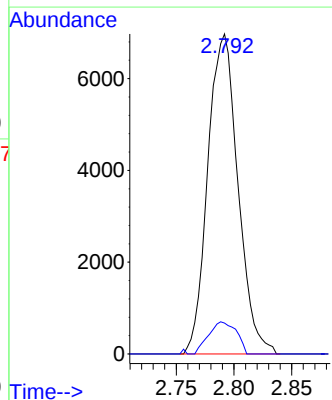
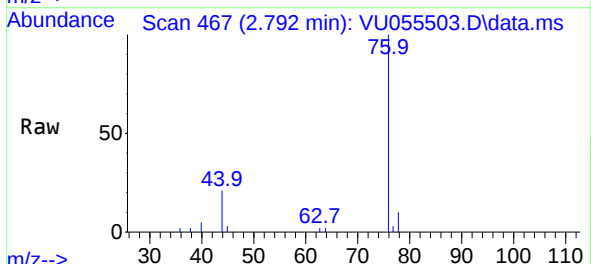
Instrument :
 MSVOA_U
 ClientSampleId :

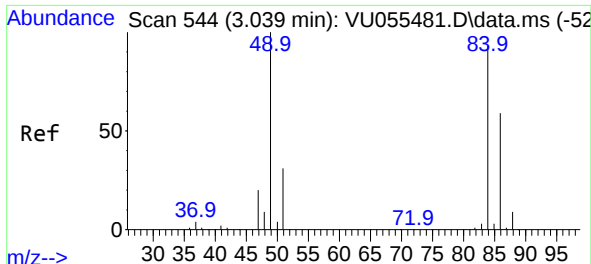
Tgt Ion: 62 Resp: 5223
 Ion Ratio Lower Upper
 62 100
 64 50.4 22.3 41.5#



#14
 Carbon disulfide
 Concen: 0.209 ug/L
 RT: 2.792 min Scan# 467
 Delta R.T. 0.003 min
 Lab File: VU055503.D
 Acq: 25 Sep 2023 18:24

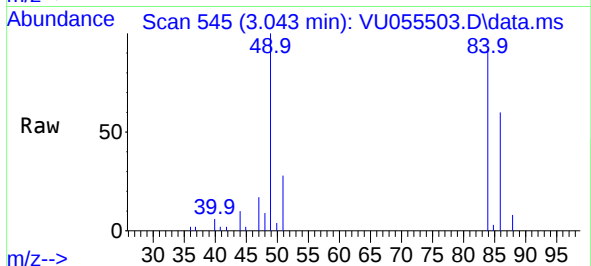
Tgt Ion: 76 Resp: 12660
 Ion Ratio Lower Upper
 76 100
 78 9.7 7.7 11.5



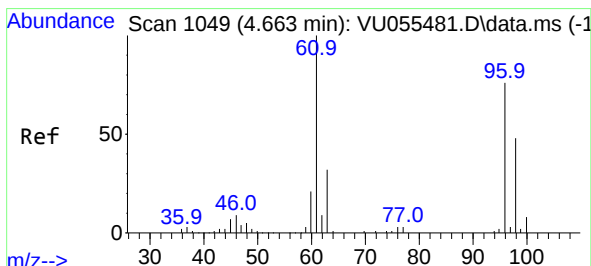
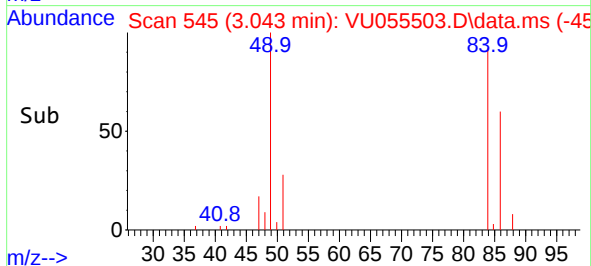
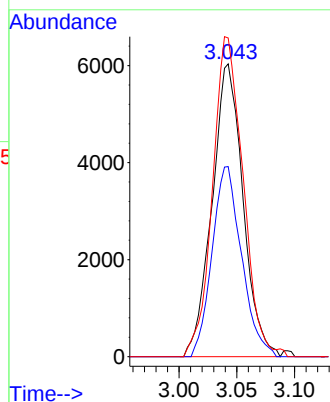


#16
Methylene chloride
Concen: 0.467 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055503.D
Acq: 25 Sep 2023 18:24

Instrument :
MSVOA_U
ClientSampleId :

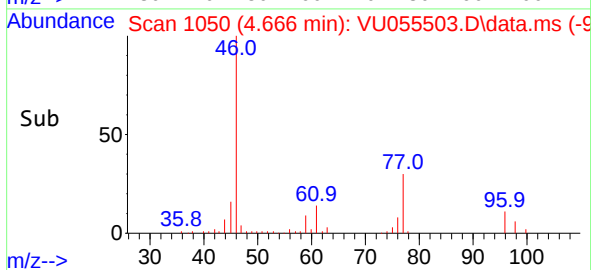
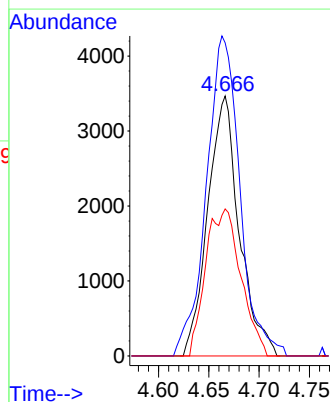
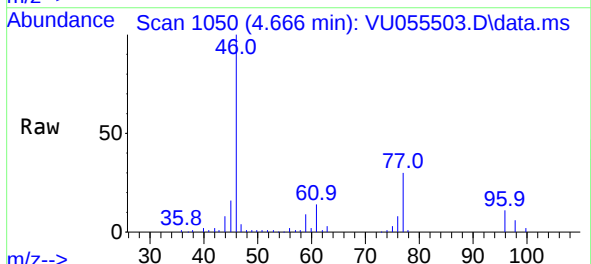


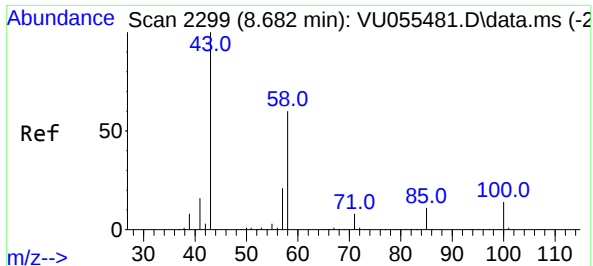
Tgt Ion: 84 Resp: 11257
Ion Ratio Lower Upper
84 100
86 64.9 44.9 83.3
49 108.8 78.8 146.3



#22
cis-1,2-Dichloroethene
Concen: 0.322 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.007 min
Lab File: VU055503.D
Acq: 25 Sep 2023 18:24

Tgt Ion: 96 Resp: 7566
Ion Ratio Lower Upper
96 100
61 120.4 87.8 163.2
98 56.5 44.4 82.4

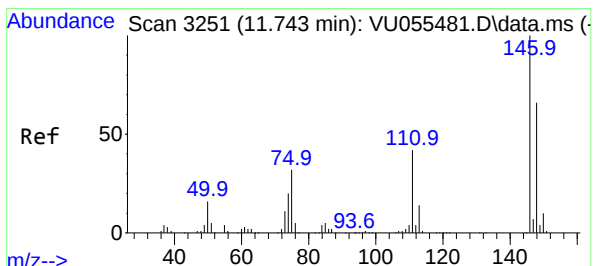
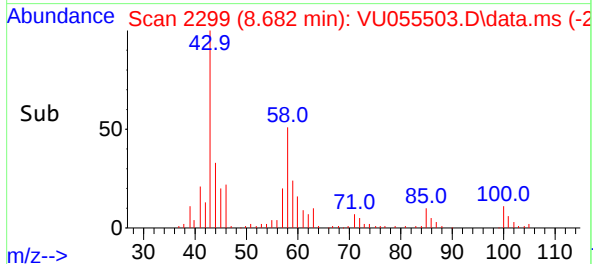
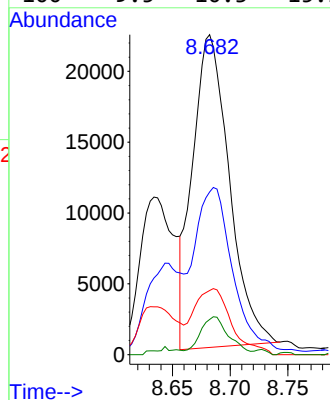
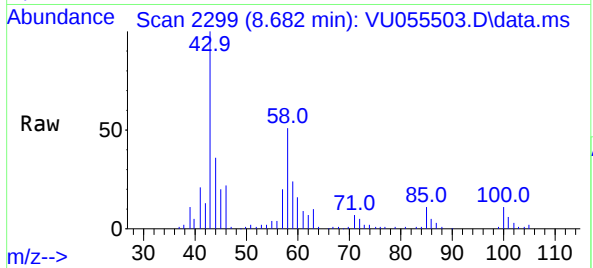




#48
2-Hexanone
Concen: 6.285 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU055503.D
Acq: 25 Sep 2023 18:24

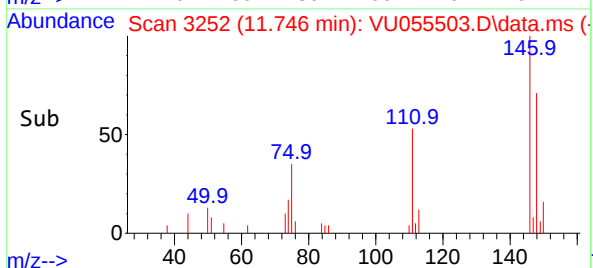
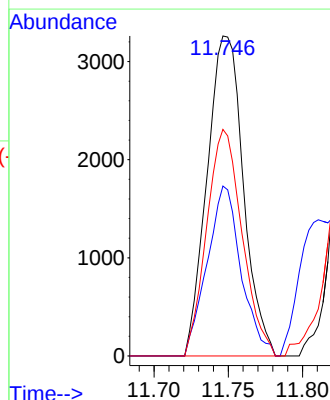
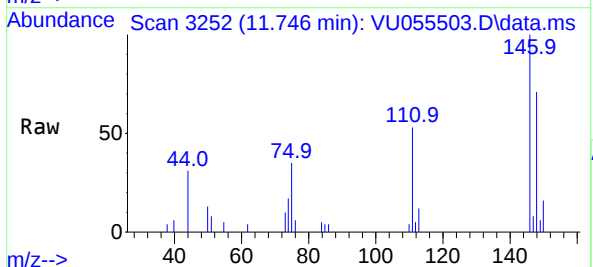
Instrument :
MSVOA_U
ClientSampleId :

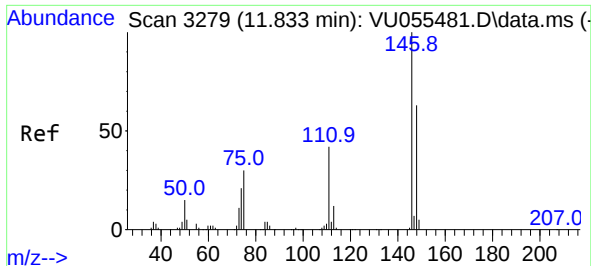
Tgt Ion: 43 Resp: 48917
Ion Ratio Lower Upper
43 100
58 57.0 48.5 72.7
57 21.6 17.0 25.4
100 9.5 10.3 15.5#



#64
1,3-Dichlorobenzene
Concen: 0.135 ug/L
RT: 11.746 min Scan# 3252
Delta R.T. 0.003 min
Lab File: VU055503.D
Acq: 25 Sep 2023 18:24

Tgt Ion:146 Resp: 5543
Ion Ratio Lower Upper
146 100
111 53.1 28.8 53.6
148 70.8 44.6 82.8





#65

1,4-Dichlorobenzene

Concen: 0.176 ug/L

RT: 11.833 min Scan# 31

Delta R.T. 0.000 min

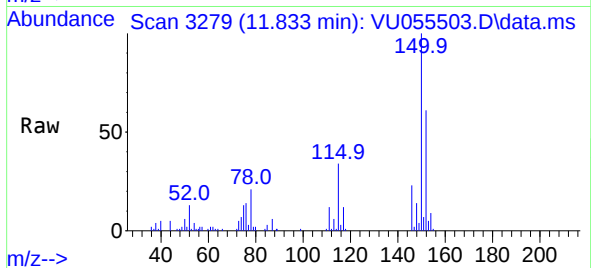
Lab File: VU055503.D

Acq: 25 Sep 2023 18:24

Instrument :

MSVOA_U

ClientSampleId :



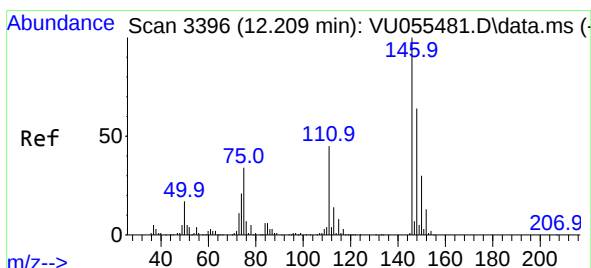
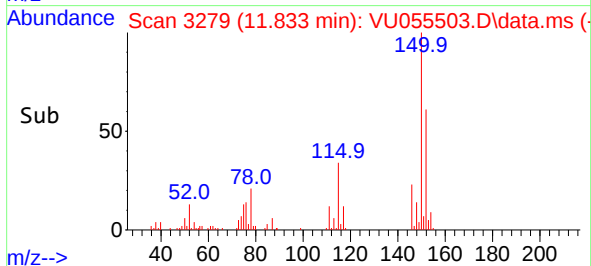
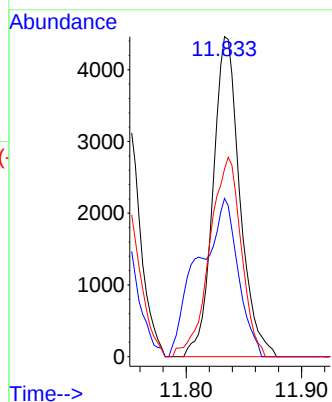
Tgt Ion:146 Resp: 7211

Ion Ratio Lower Upper

146 100

111 49.5 29.0 53.8

148 58.6 45.4 84.4



#67

1,2-Dichlorobenzene

Concen: 0.170 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. -0.003 min

Lab File: VU055503.D

Acq: 25 Sep 2023 18:24

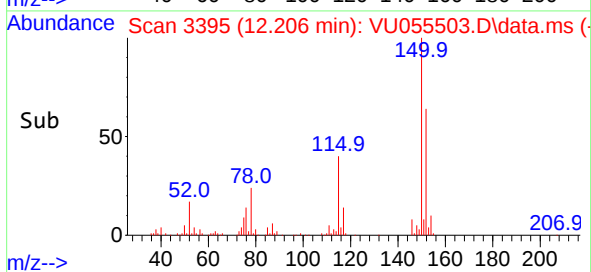
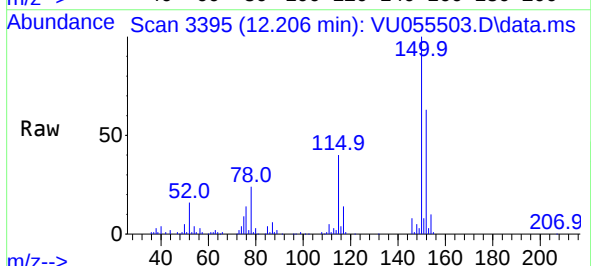
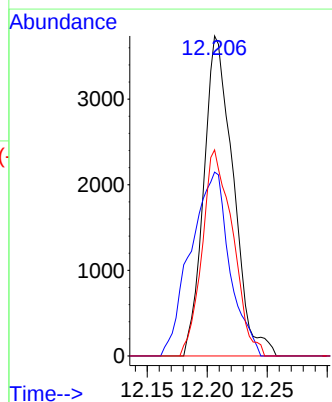
Tgt Ion:146 Resp: 6378

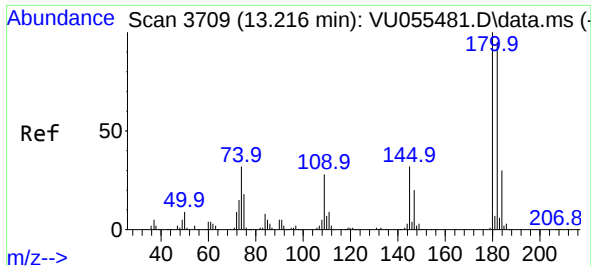
Ion Ratio Lower Upper

146 100

111 57.5 34.6 52.0#

148 64.4 51.8 77.8





#69

1,3,5-Trichlorobenzene

Concen: 0.259 ug/L

RT: 13.222 min Scan# 31

Delta R.T. 0.007 min

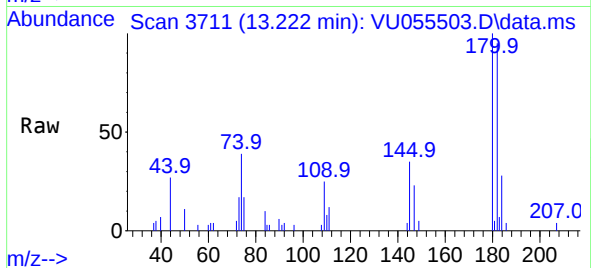
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Acq: 25 Sep 2023 18:24

Instrument :

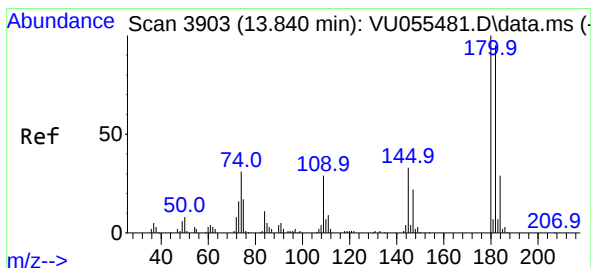
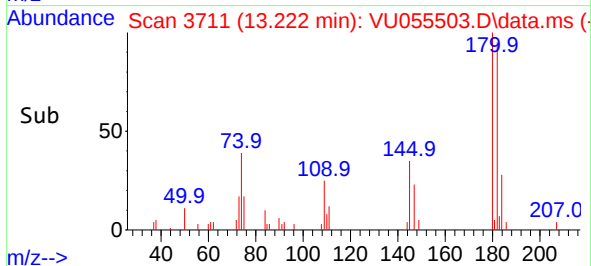
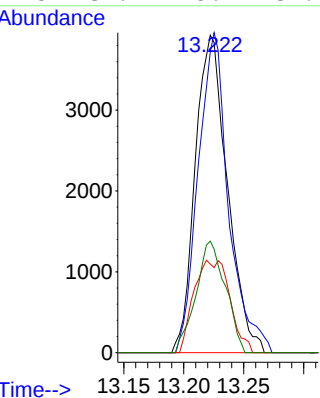
MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 7310

Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
184	32.6	24.0	36.0
145	32.2	25.2	37.8



#70

1,2,4-trichlorobenzene

Concen: 0.518 ug/L

RT: 13.846 min Scan# 3905

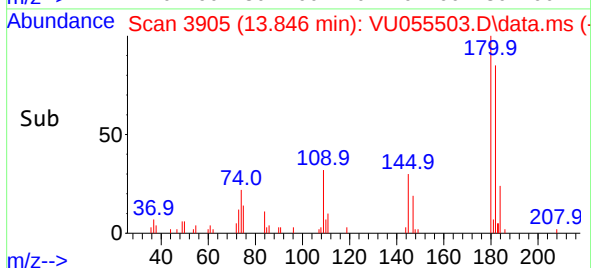
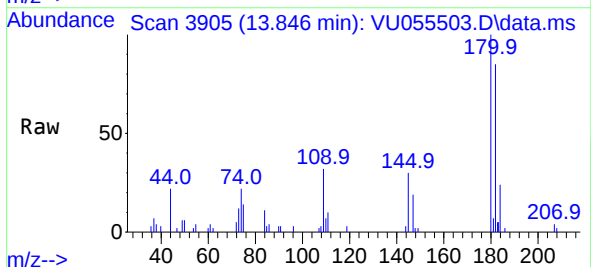
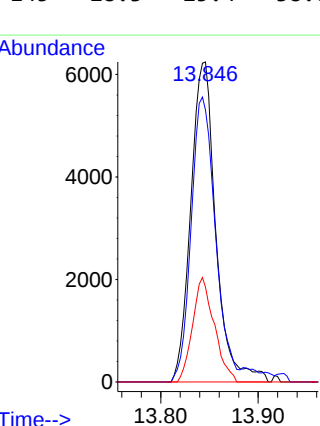
Delta R.T. 0.007 min

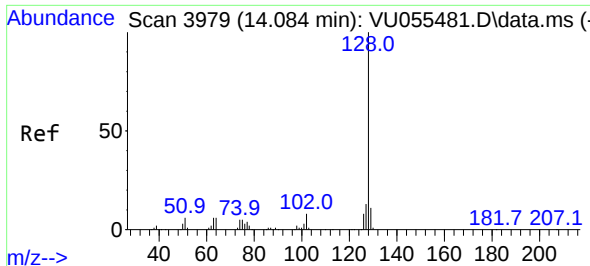
Lab File: VU055503.D

Acq: 25 Sep 2023 18:24

Tgt Ion:180 Resp: 11147

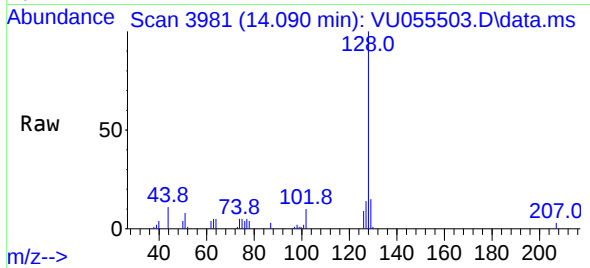
Ion	Ratio	Lower	Upper
180	100		
182	86.1	76.4	114.6
145	28.3	25.4	38.0



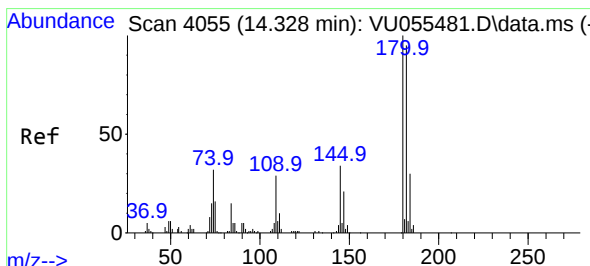
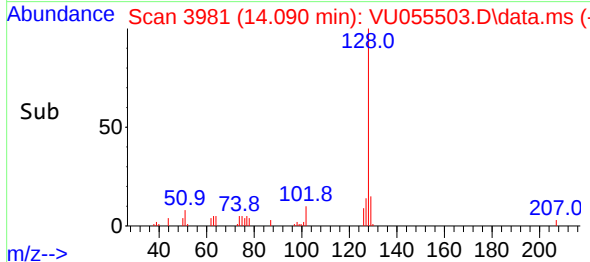
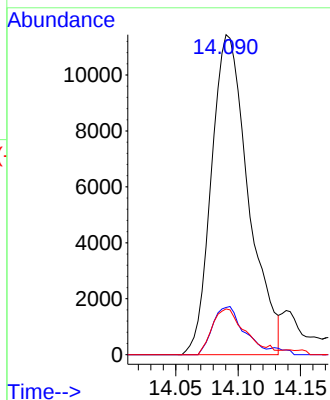


#71
Naphthalene
Concen: 0.758 ug/L
RT: 14.090 min Scan# 3979
Delta R.T. 0.007 min
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Instrument :
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ClientSampleId :



Tgt Ion:128 Resp: 23617
Ion Ratio Lower Upper
128 100
129 12.6 8.5 12.7
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.545 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VU055503.D
Acq: 25 Sep 2023 18:24

Tgt Ion:180 Resp: 10213
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.4
145 38.2 26.0 39.0

