

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060121.D
 Acq On : 23 Jul 2024 17:46
 Operator : MD/SY
 Sample : P3280-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZE1

Quant Time: Jul 24 04:23:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 04:18:44 2024
 Response via : Initial Calibration

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

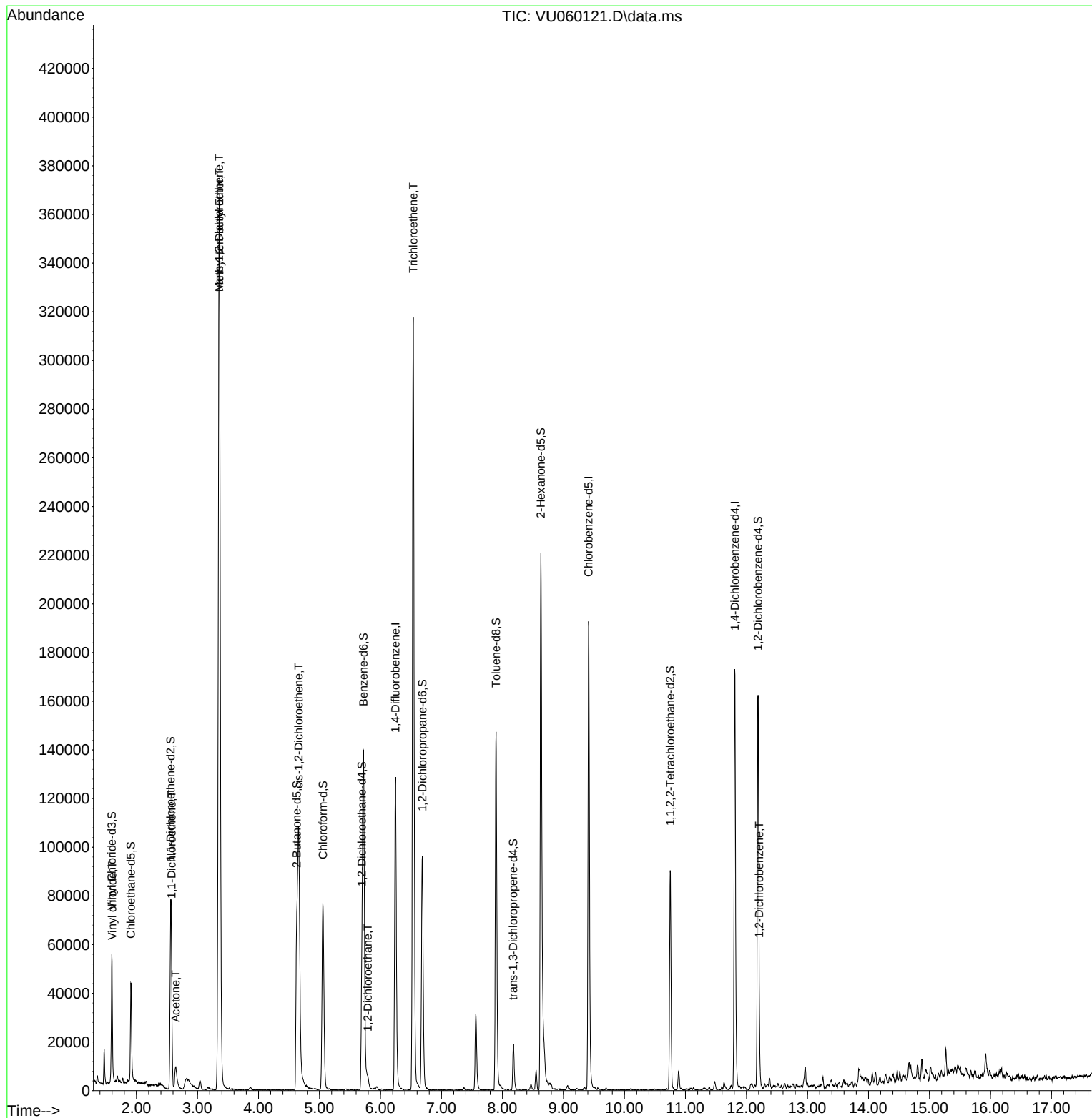
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	115437	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	119305	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	53097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31287	3.895	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.908	69	31913	4.277	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.560	65	12229	3.900	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.628	46	108514	57.789	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.580%
24) Chloroform-d	5.055	84	77338	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	39378	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.721	84	139163	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.686	67	49705	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.894	98	108687	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.177	79	12765	3.682	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.628	63	78262	50.866	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.740%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48597	5.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	47568	4.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	8032	0.680	ug/L	93
12) 1,1-Dichloroethene	2.573	96	9529	1.081	ug/L #	30
13) Acetone	2.641	43	16321	13.139	ug/L	96
17) Methyl tert-butyl Ether	3.358	73	411134	20.461	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	6428	0.701	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	47805	4.657	ug/L	97
27) 1,2-Dichloroethane	5.792	62	3217	0.294	ug/L #	89
34) Trichloroethene	6.538	95	113829	10.890	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	3329	0.186	ug/L	96

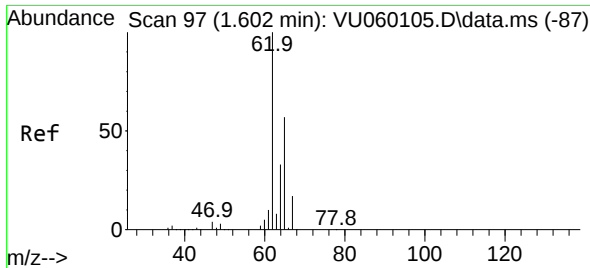
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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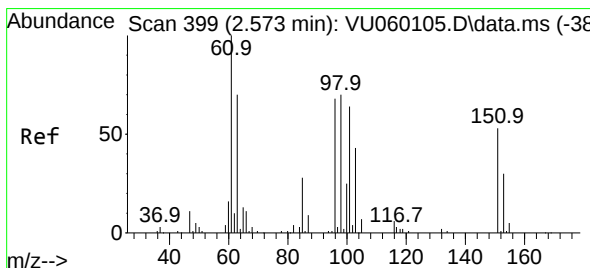
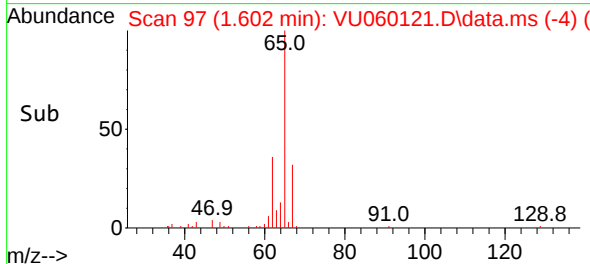
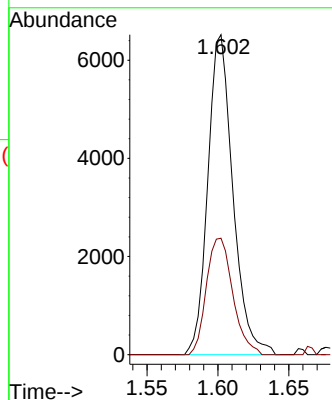
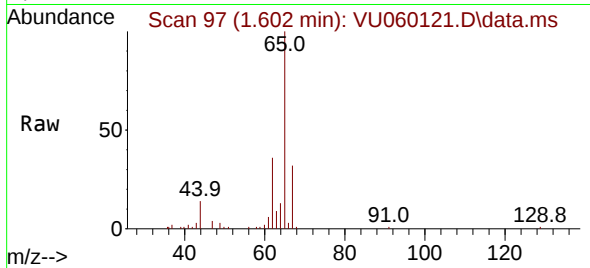




#5
Vinyl chloride
Concen: 0.680 ug/L
RT: 1.602 min Scan# 91
Delta R.T. 0.000 min
Lab File: VU060121.D
Acq: 23 Jul 2024 17:46

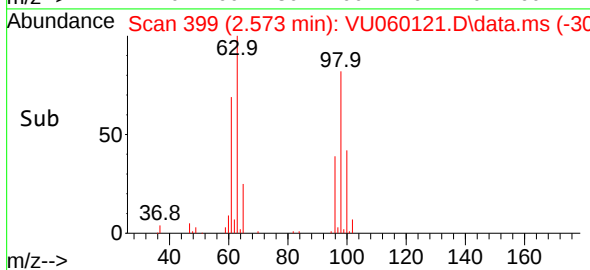
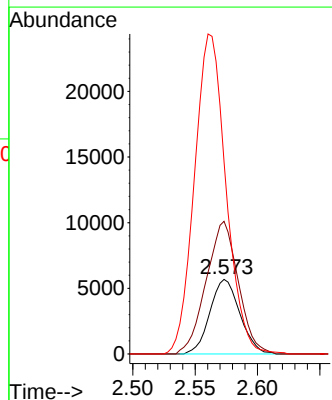
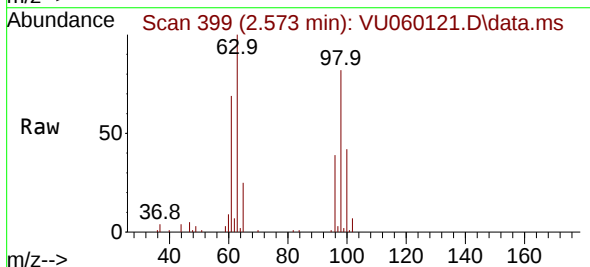
Instrument :
MSVOA_U
ClientSampleId :
YDZE1

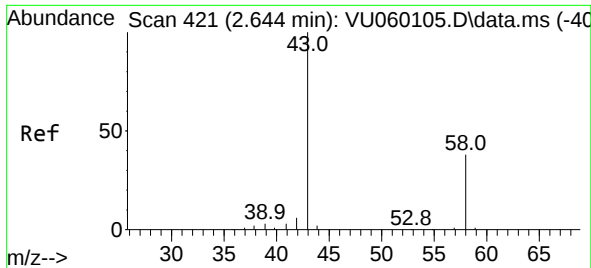
Tgt Ion: 62 Resp: 8032
Ion Ratio Lower Upper
62 100
64 36.4 22.8 42.4



#12
1,1-Dichloroethene
Concen: 1.081 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060121.D
Acq: 23 Jul 2024 17:46

Tgt Ion: 96 Resp: 9529
Ion Ratio Lower Upper
96 100
61 177.8 107.0 198.6
63 257.8 76.4 142.0#





#13

Acetone

Concen: 13.139 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU060121.D

Acq: 23 Jul 2024 17:46

Instrument :

MSVOA_U

ClientSampleId :

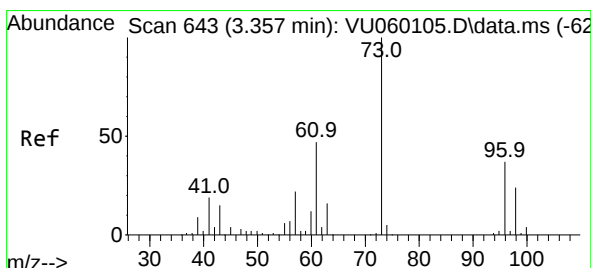
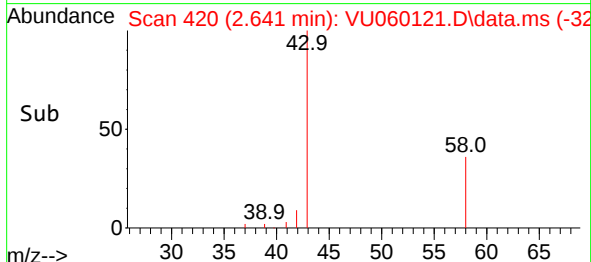
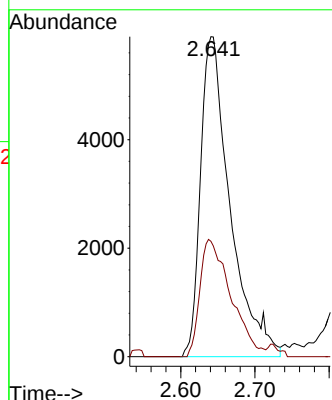
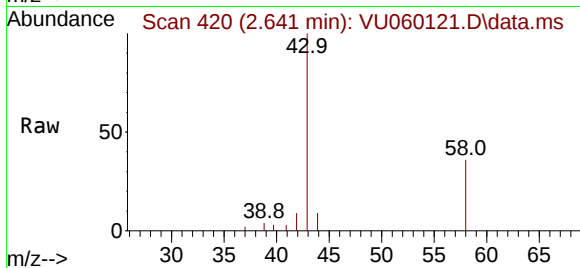
YDZE1

Tgt Ion: 43 Resp: 16321

Ion Ratio Lower Upper

43 100

58 38.5 0.0 82.2



#17

Methyl tert-butyl Ether

Concen: 20.461 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.000 min

Lab File: VU060121.D

Acq: 23 Jul 2024 17:46

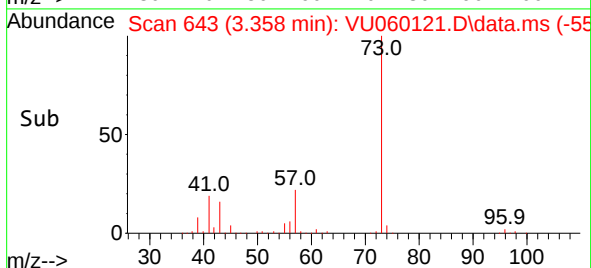
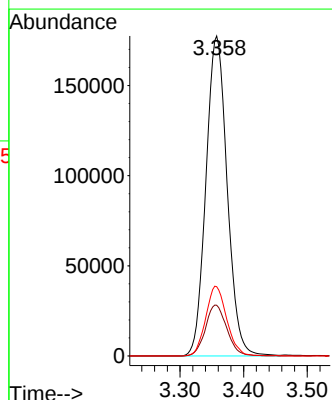
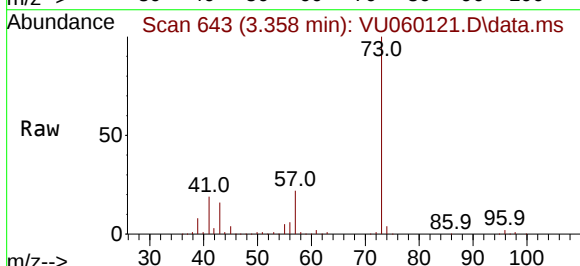
Tgt Ion: 73 Resp: 411134

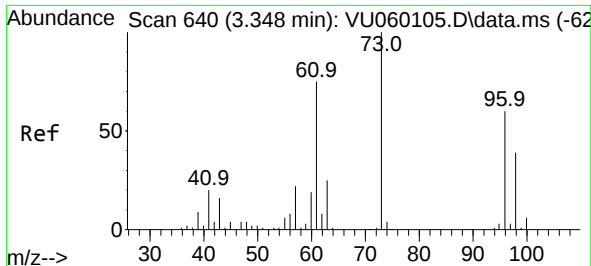
Ion Ratio Lower Upper

73 100

43 16.1 13.1 19.7

57 21.6 17.0 25.4

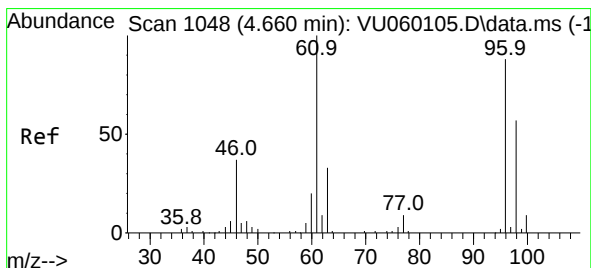
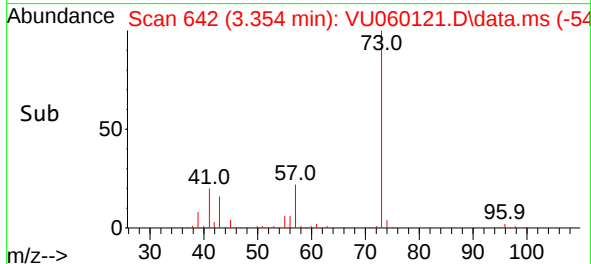
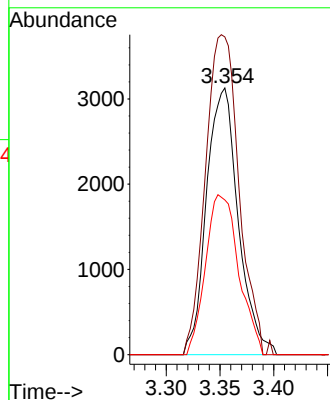
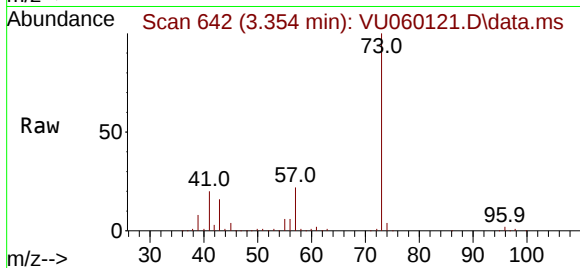




#18
trans-1,2-Dichloroethene
Concen: 0.701 ug/L
RT: 3.354 min Scan# 640
Delta R.T. 0.007 min
Lab File: VU060121.D
Acq: 23 Jul 2024 17:46

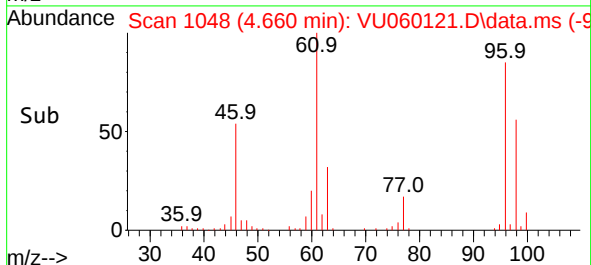
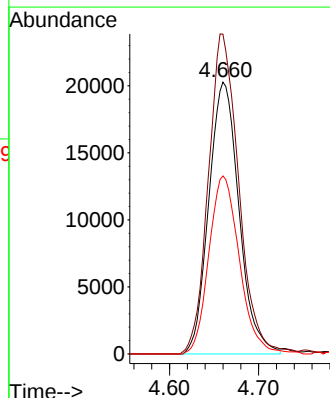
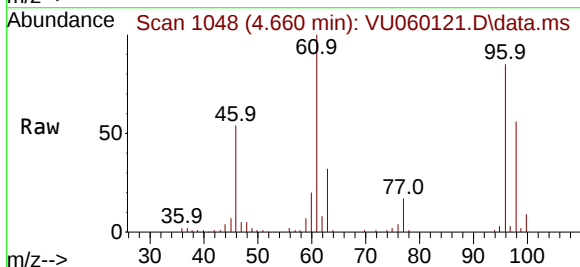
Instrument :
MSVOA_U
ClientSampleId :
YDZE1

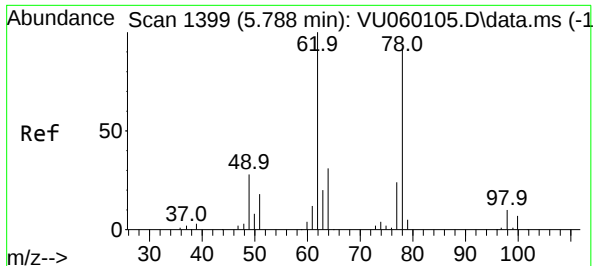
Tgt Ion: 96 Resp: 6428
Ion Ratio Lower Upper
96 100
61 119.1 91.6 170.0
98 58.0 47.7 88.5



#22
cis-1,2-Dichloroethene
Concen: 4.657 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.000 min
Lab File: VU060121.D
Acq: 23 Jul 2024 17:46

Tgt Ion: 96 Resp: 47805
Ion Ratio Lower Upper
96 100
61 117.7 80.2 148.9
98 65.5 44.7 83.1

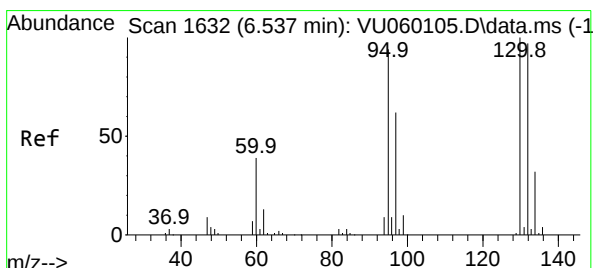
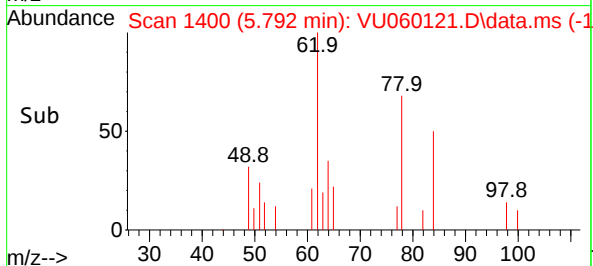
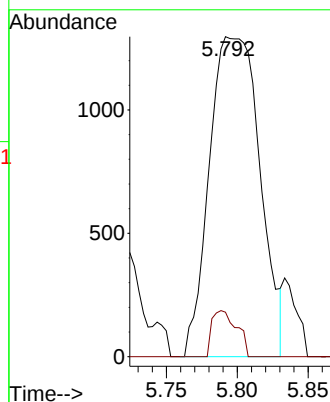
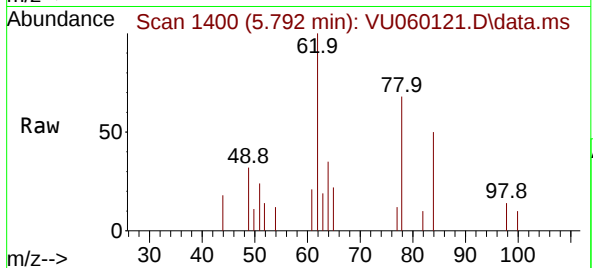




#27
1,2-Dichloroethane
Concen: 0.294 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU060121.D
Acq: 23 Jul 2024 17:46

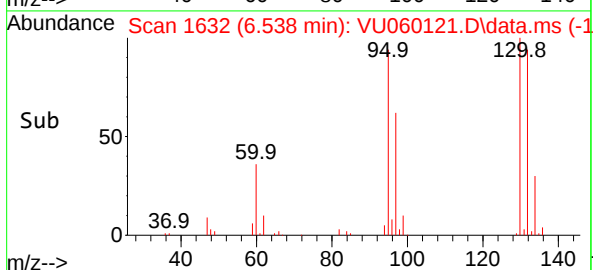
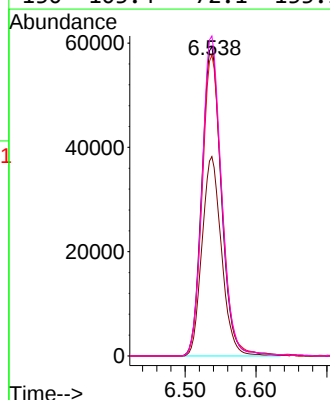
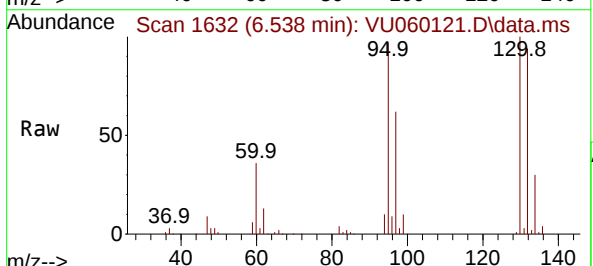
Instrument :
MSVOA_U
ClientSampleId :
YDZE1

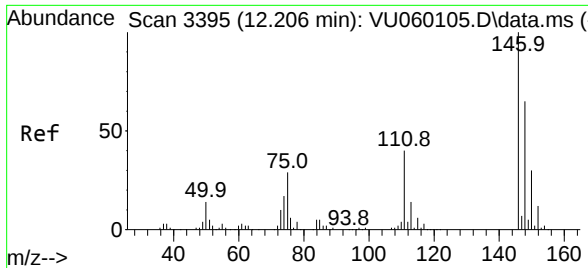
Tgt Ion: 62 Resp: 3217
Ion Ratio Lower Upper
62 100
98 13.9 7.9 11.9#



#34
Trichloroethene
Concen: 10.890 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU060121.D
Acq: 23 Jul 2024 17:46

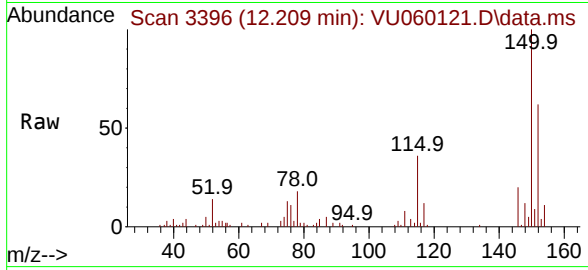
Tgt Ion: 95 Resp: 113829
Ion Ratio Lower Upper
95 100
97 64.4 45.9 85.3
132 97.2 71.4 132.6
130 103.4 72.1 133.9





#67
 1,2-Dichlorobenzene
 Concen: 0.186 ug/L
 RT: 12.209 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU060121.D
 Acq: 23 Jul 2024 17:46

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZE1



Tgt Ion:	146	Resp:	3329
Ion	Ratio	Lower	Upper
146	100		
111	40.5	30.9	46.3
148	59.2	49.8	74.8

