

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055524.D
 Acq On : 26 Sep 2023 18:15
 Operator : MD/SY
 Sample : 04530-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY0

Quant Time: Sep 27 04:51:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

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

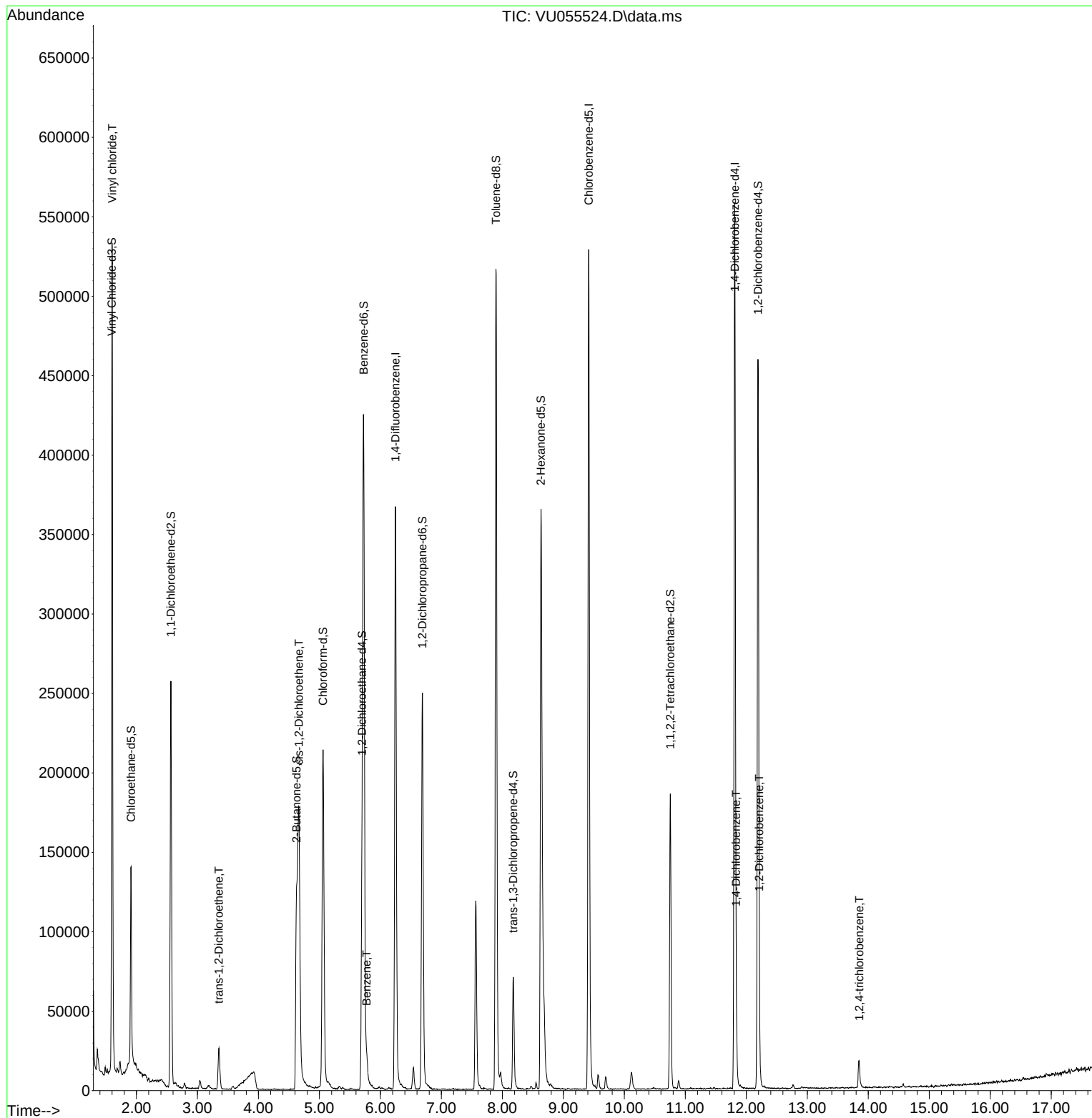
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	305328	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	313995	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	156483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	117207	3.798	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.911	69	88303	3.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.000%
11) 1,1-Dichloroethene-d2	2.563	65	47319	3.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.624	46	203379	36.488	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.980%
24) Chloroform-d	5.059	84	208328	3.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.600%
26) 1,2-Dichloroethane-d4	5.698	65	99626	3.711	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
32) Benzene-d6	5.724	84	420580	3.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.689	67	128895	3.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.894	98	363750	3.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.177	79	44166	3.835	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.631	63	116145	33.158	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93116	3.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	124817	3.952	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.000%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	275337	9.759	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	12289	0.571	ug/L	86
22) cis-1,2-Dichloroethene	4.663	96	81506	3.267	ug/L	97
33) Benzene	5.772	78	15791	0.175	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	8889	0.206	ug/L	97
67) 1,2-Dichlorobenzene	12.213	146	8715	0.220	ug/L	89
70) 1,2,4-trichlorobenzene	13.852	180	7371	0.325	ug/L	98

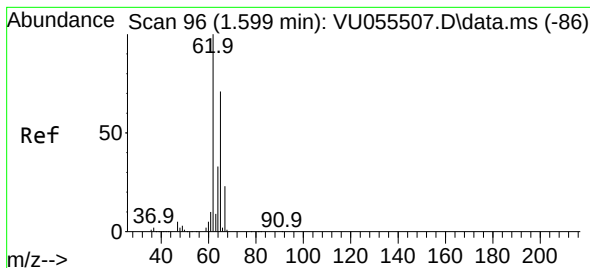
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
Data File : VU055524.D
Acq On : 26 Sep 2023 18:15
Operator : MD/SY
Sample : 04530-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYHY0

Quant Time: Sep 27 04:51:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 27 04:44:22 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.759 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU055524.D

Acq: 26 Sep 2023 18:15

Instrument :

MSVOA_U

ClientSampleId :

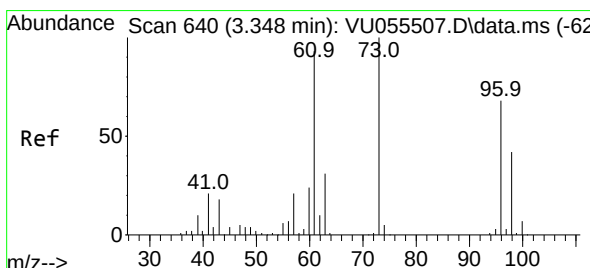
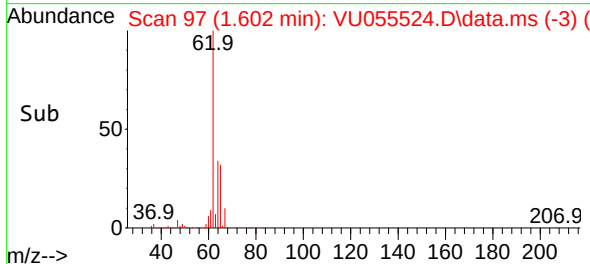
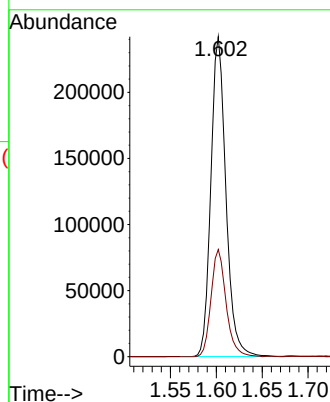
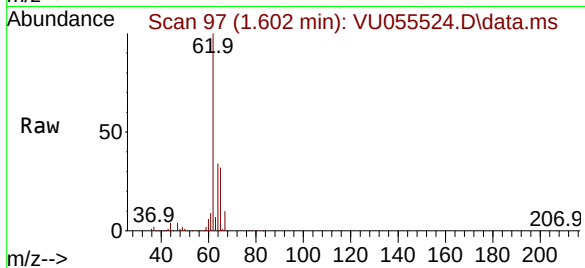
EYHY0

Tgt Ion: 62 Resp: 275337

Ion Ratio Lower Upper

62 100

64 33.5 22.3 41.5



#18

trans-1,2-Dichloroethene

Concen: 0.571 ug/L

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU055524.D

Acq: 26 Sep 2023 18:15

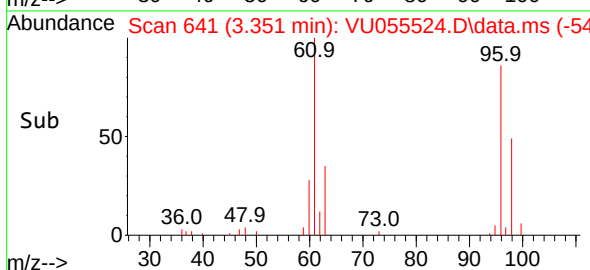
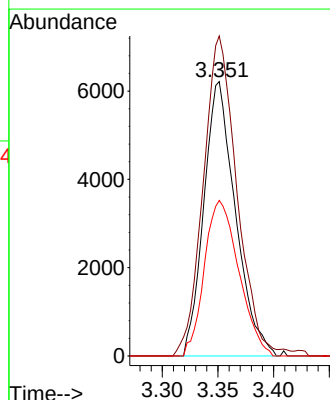
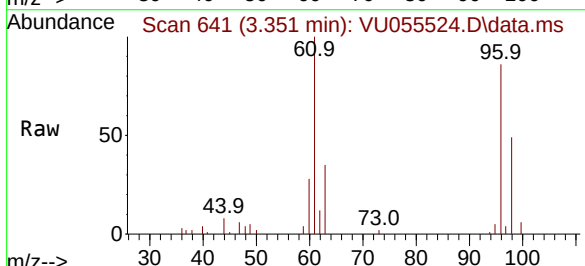
Tgt Ion: 96 Resp: 12289

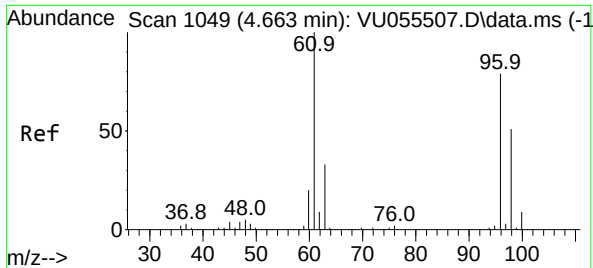
Ion Ratio Lower Upper

96 100

61 116.6 94.6 175.6

98 56.7 45.7 84.9

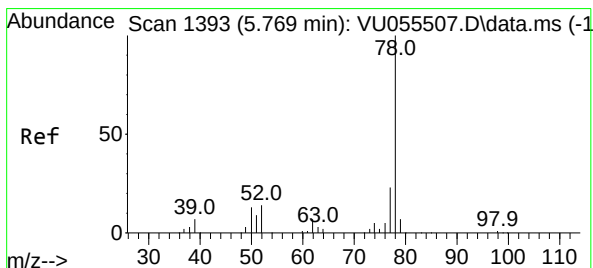
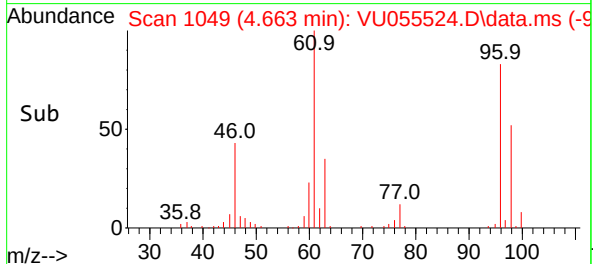
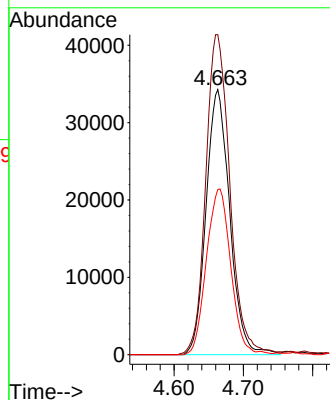
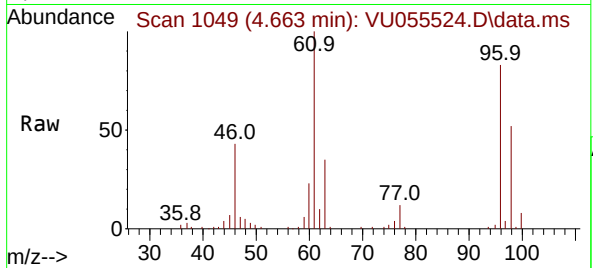




#22
 cis-1,2-Dichloroethene
 Concen: 3.267 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.000 min
 Lab File: VU055524.D
 Acq: 26 Sep 2023 18:15

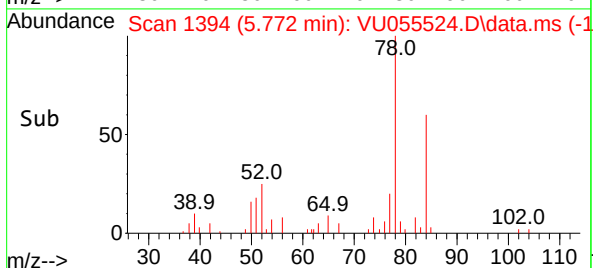
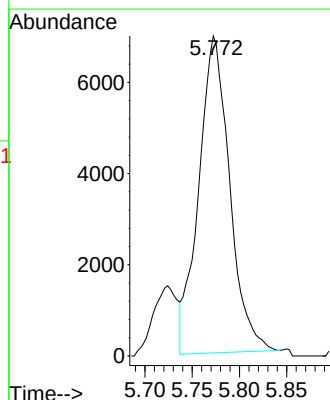
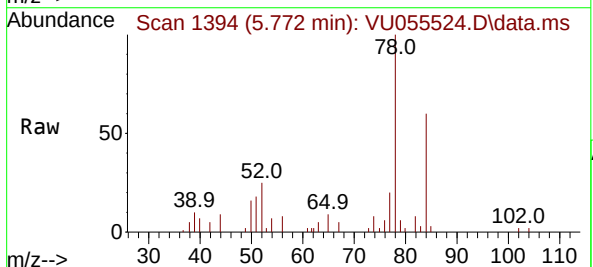
Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY0

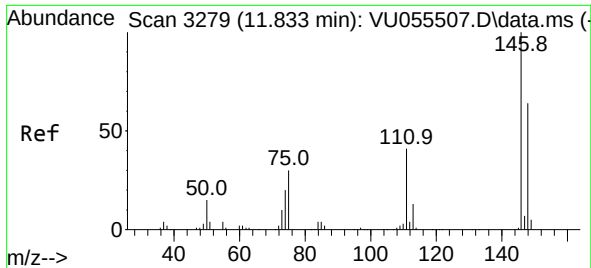
Tgt Ion: 96 Resp: 81506
 Ion Ratio Lower Upper
 96 100
 61 120.7 87.8 163.2
 98 62.3 44.4 82.4



#33
 Benzene
 Concen: 0.175 ug/L
 RT: 5.772 min Scan# 1394
 Delta R.T. 0.003 min
 Lab File: VU055524.D
 Acq: 26 Sep 2023 18:15

Tgt Ion: 78 Resp: 15791

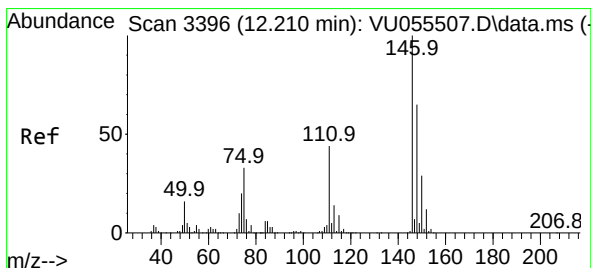
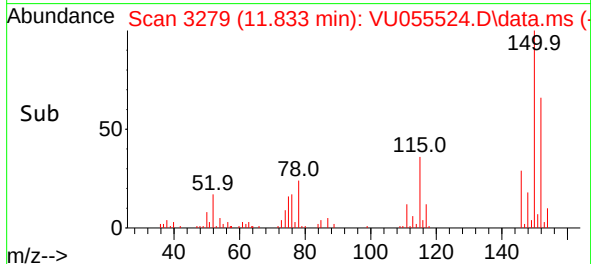
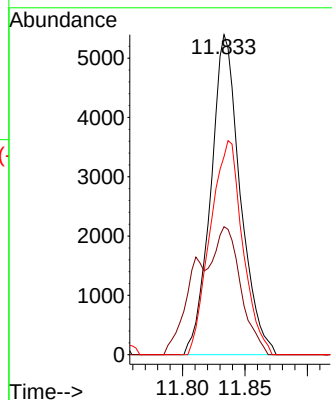
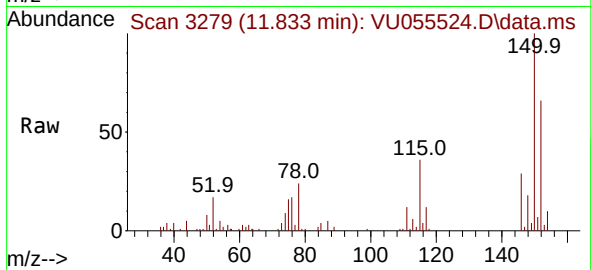




#65
1,4-Dichlorobenzene
Concen: 0.206 ug/L
RT: 11.833 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU055524.D
Acq: 26 Sep 2023 18:15

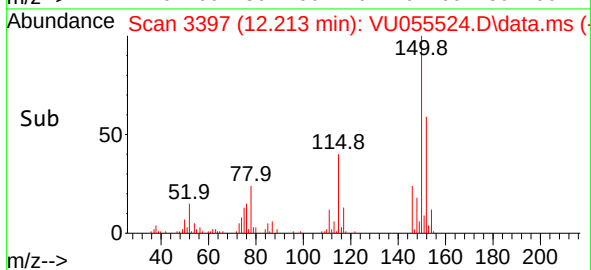
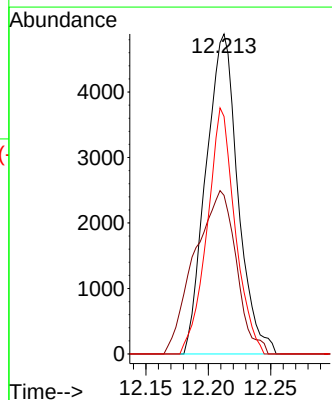
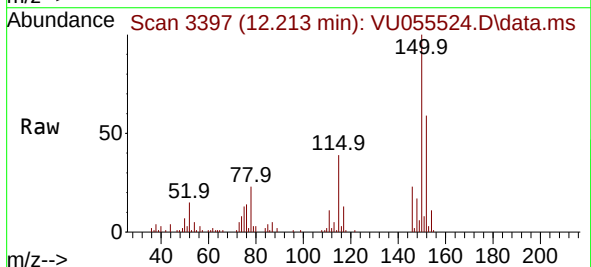
Instrument :
MSVOA_U
ClientSampleId :
EYHY0

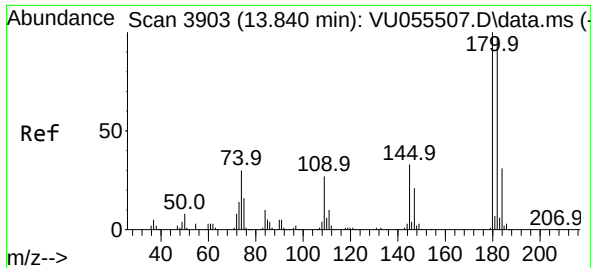
Tgt Ion:	146	Resp:	8889
Ion	Ratio	Lower	Upper
146	100		
111	40.0	29.0	53.8
148	61.9	45.4	84.4



#67
1,2-Dichlorobenzene
Concen: 0.220 ug/L
RT: 12.213 min Scan# 3397
Delta R.T. 0.003 min
Lab File: VU055524.D
Acq: 26 Sep 2023 18:15

Tgt Ion:	146	Resp:	8715
Ion	Ratio	Lower	Upper
146	100		
111	49.6	34.6	52.0
148	74.2	51.8	77.8





#70
 1,2,4-trichlorobenzene
 Concen: 0.325 ug/L
 RT: 13.852 min Scan# 3907
 Delta R.T. 0.013 min
 Lab File: VU055524.D
 Acq: 26 Sep 2023 18:15

Instrument :
 MSVOA_U
 ClientSampleId :
 EYHY0

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.4	114.6
145	30.0	25.4	38.0

