

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
 Data File : VU053394.D
 Acq On : 24 Mar 2023 16:49
 Operator : JC/MD
 Sample : 02041-01DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 25 00:40:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 25 00:39:08 2023
 Response via : Initial Calibration

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

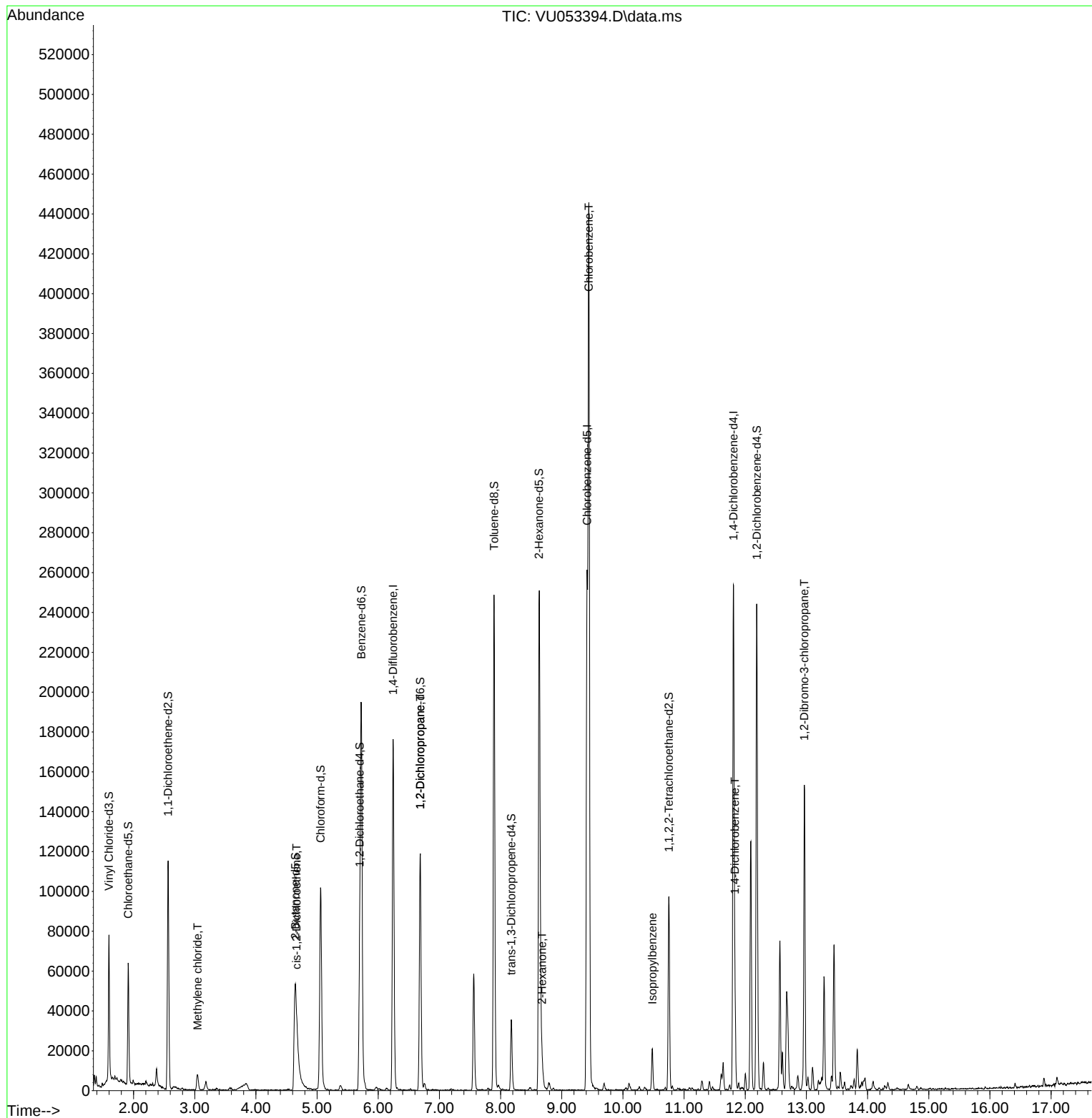
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	146689	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137671	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	67774	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47245	4.682	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.912	69	44041	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.565	65	21048	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.645	46	118460	51.242	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.480%
24) Chloroform-d	5.057	84	90615	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.697	65	48649	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.723	84	188757	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.687	67	58337	4.907	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.893	98	174567	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.176	79	21351	4.680	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.629	63	92071	49.685	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.380%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	46762	4.725	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	59143	4.851	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
16) Methylene chloride	3.044	84	4216	0.387	ug/L	87
22) cis-1,2-Dichloroethene	4.665	96	1651	0.142	ug/L	82
37) 1,2-Dichloropropane	6.687	63	6458	0.663	ug/L #	89
48) 2-Hexanone	8.677	43	6827	1.937	ug/L #	64
51) Chlorobenzene	9.443	112	241249	9.490	ug/L	99
60) Isopropylbenzene	10.481	105	13913	0.338	ug/L #	82
65) 1,4-Dichlorobenzene	11.828	146	16309	0.897	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.967	75	493	0.453	ug/L #	6

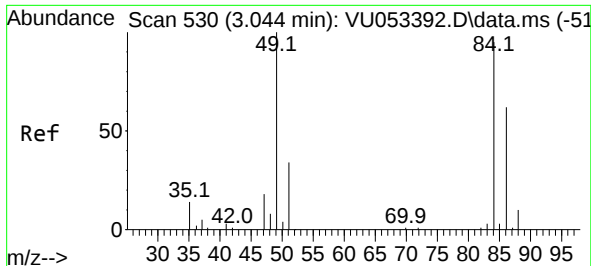
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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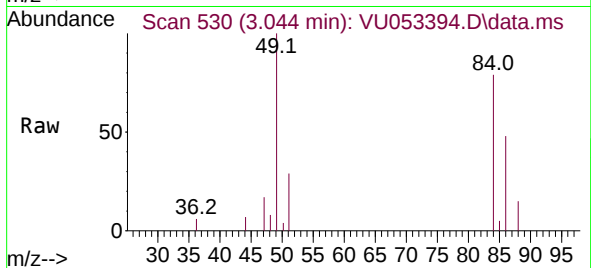
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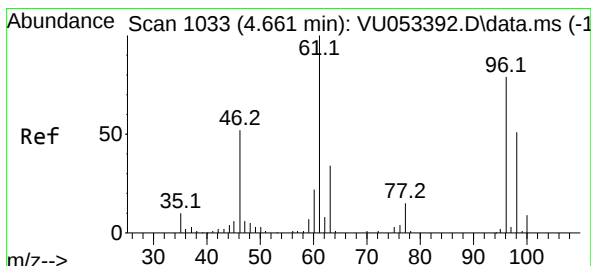
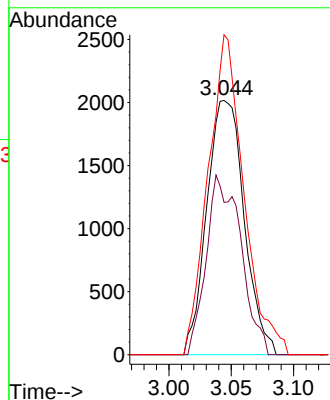
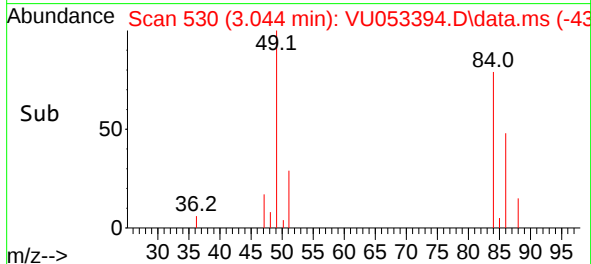


#16
Methylene chloride
Concen: 0.387 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU053394.D
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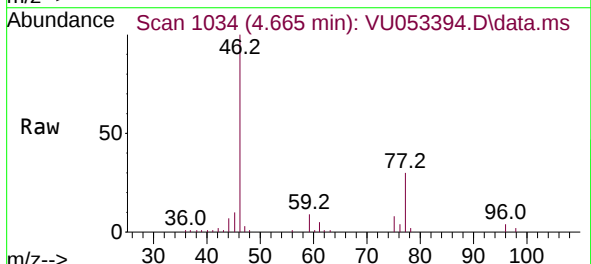
Instrument :
MSVOA_U
ClientSampleId :



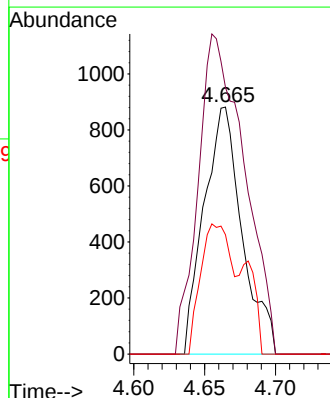
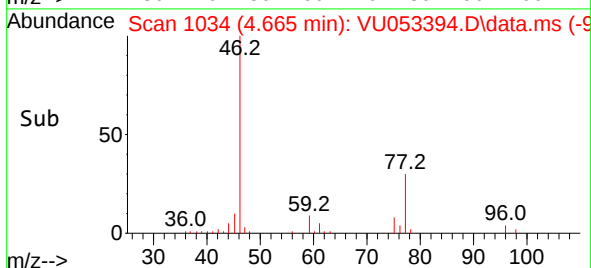
Tgt Ion: 84 Resp: 4216
Ion Ratio Lower Upper
84 100
86 59.9 44.7 83.1
49 125.8 75.5 140.1

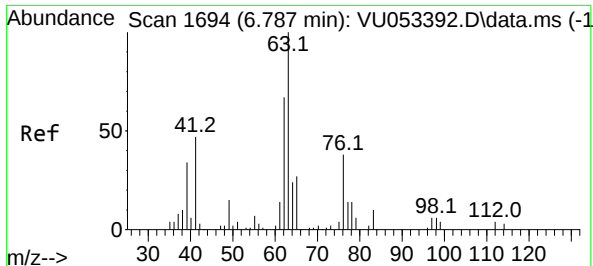


#22
cis-1,2-Dichloroethene
Concen: 0.142 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VU053394.D
Acq: 24 Mar 2023 16:49



Tgt Ion: 96 Resp: 1651
Ion Ratio Lower Upper
96 100
61 107.9 86.6 160.8
98 48.3 47.7 88.5

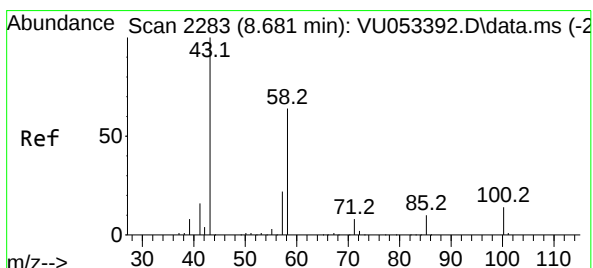
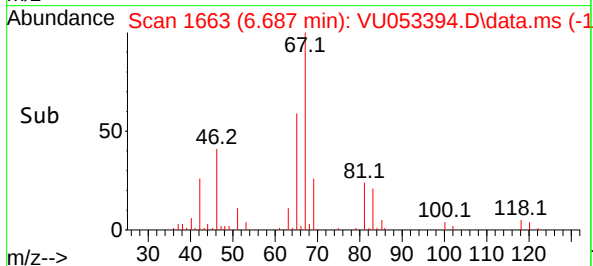
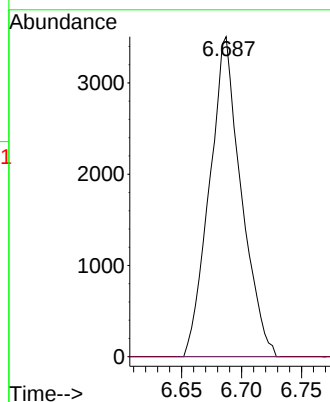
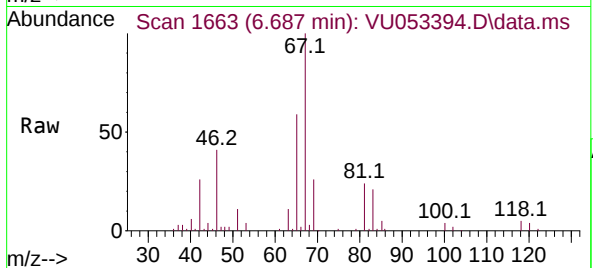




#37
1,2-Dichloropropane
Concen: 0.663 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU053394.D
Acq: 24 Mar 2023 16:49

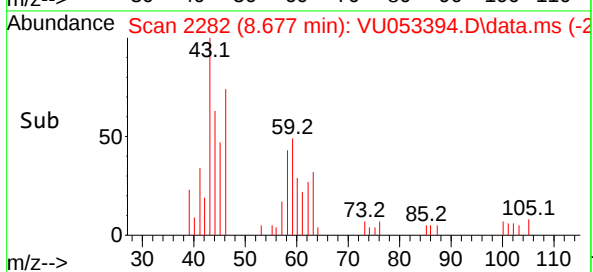
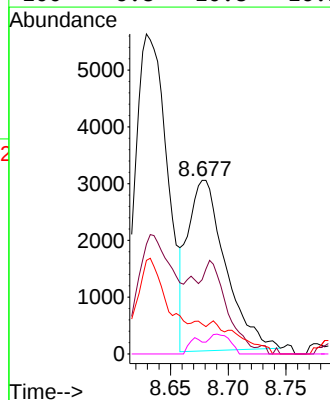
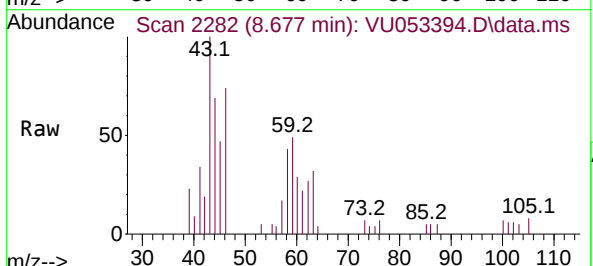
Instrument :
MSVOA_U
ClientSampleId :

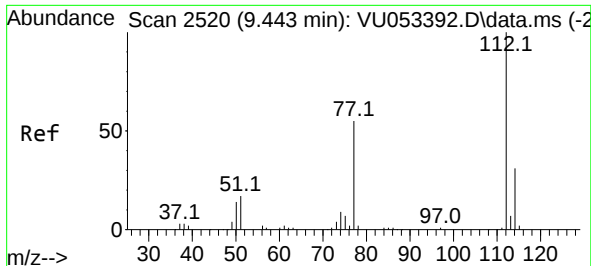
Tgt Ion: 63 Resp: 6458
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#48
2-Hexanone
Concen: 1.937 ug/L
RT: 8.677 min Scan# 2282
Delta R.T. -0.003 min
Lab File: VU053394.D
Acq: 24 Mar 2023 16:49

Tgt Ion: 43 Resp: 6827
Ion Ratio Lower Upper
43 100
58 35.3 52.8 79.2#
57 1.9 17.1 25.7#
100 6.8 10.8 16.2#

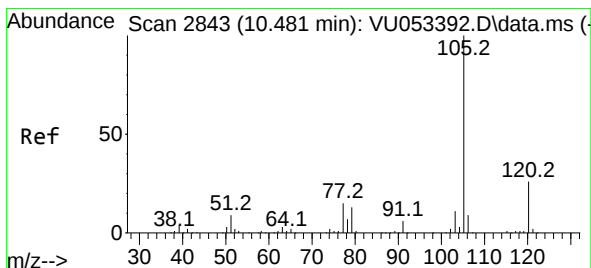
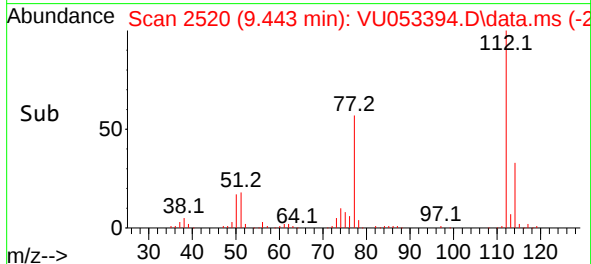
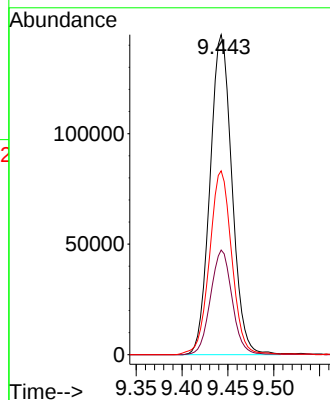
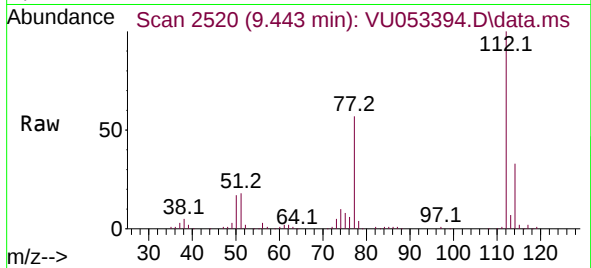




#51
Chlorobenzene
Concen: 9.490 ug/L
RT: 9.443 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU053394.D
Acq: 24 Mar 2023 16:49

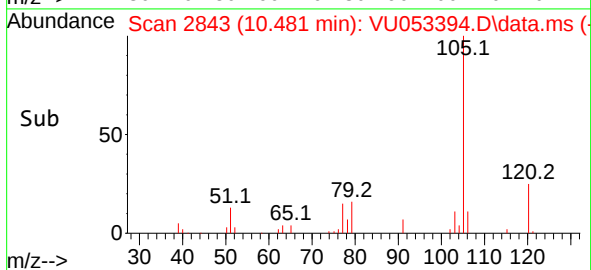
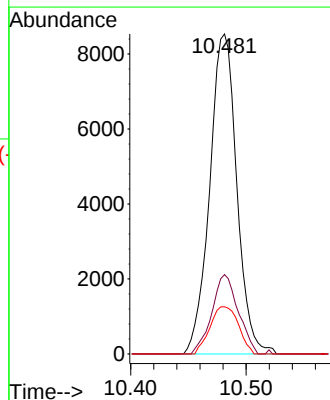
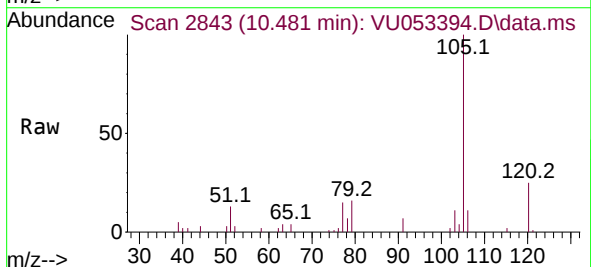
Instrument :
MSVOA_U
ClientSampleId :

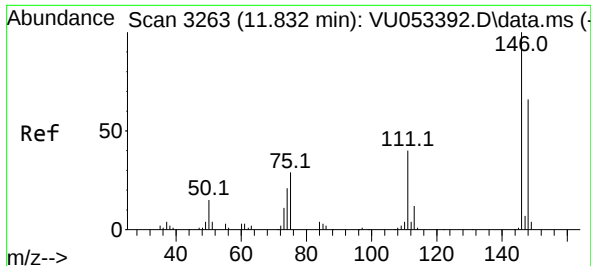
Tgt Ion:112 Resp: 241249
Ion Ratio Lower Upper
112 100
114 32.7 22.1 41.1
77 57.5 45.8 68.6



#60
Isopropylbenzene
Concen: 0.338 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU053394.D
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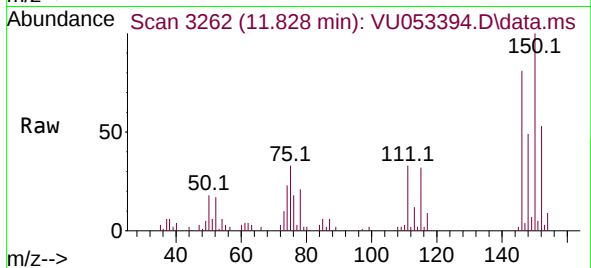
Tgt Ion:105 Resp: 13913
Ion Ratio Lower Upper
105 100
120 24.1 21.5 32.3
77 0.0 13.0 19.4#



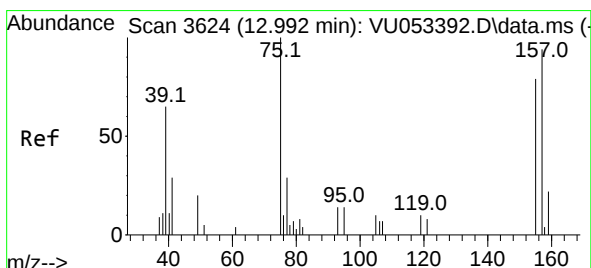
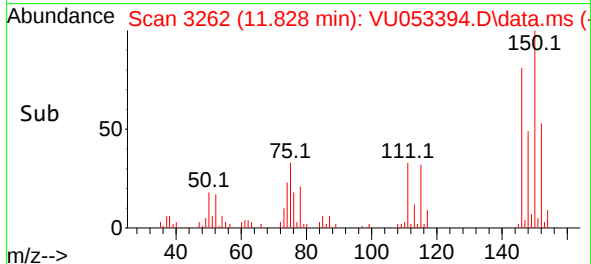
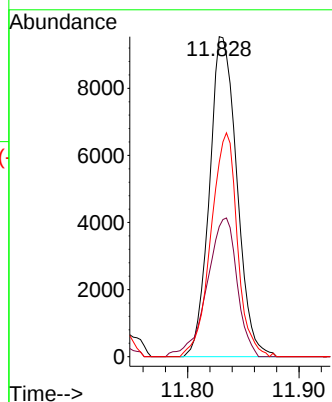


#65
1,4-Dichlorobenzene
Concen: 0.897 ug/L
RT: 11.828 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053394.D
Acq: 24 Mar 2023 16:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 16309
Ion Ratio Lower Upper
146 100
111 40.6 29.8 55.4
148 60.7 43.0 80.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.453 ug/L
RT: 12.967 min Scan# 3616
Delta R.T. -0.026 min
Lab File: VU053394.D
Acq: 24 Mar 2023 16:49

Tgt Ion: 75 Resp: 493
Ion Ratio Lower Upper
75 100
155 0.0 63.9 95.9#
157 0.0 74.1 111.1#

