

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053281.D
 Acq On : 17 Mar 2023 21:10
 Operator : JC/MD
 Sample : 01930-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFG1

Quant Time: Mar 18 04:58:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 04:29:10 2023
 Response via : Initial Calibration

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

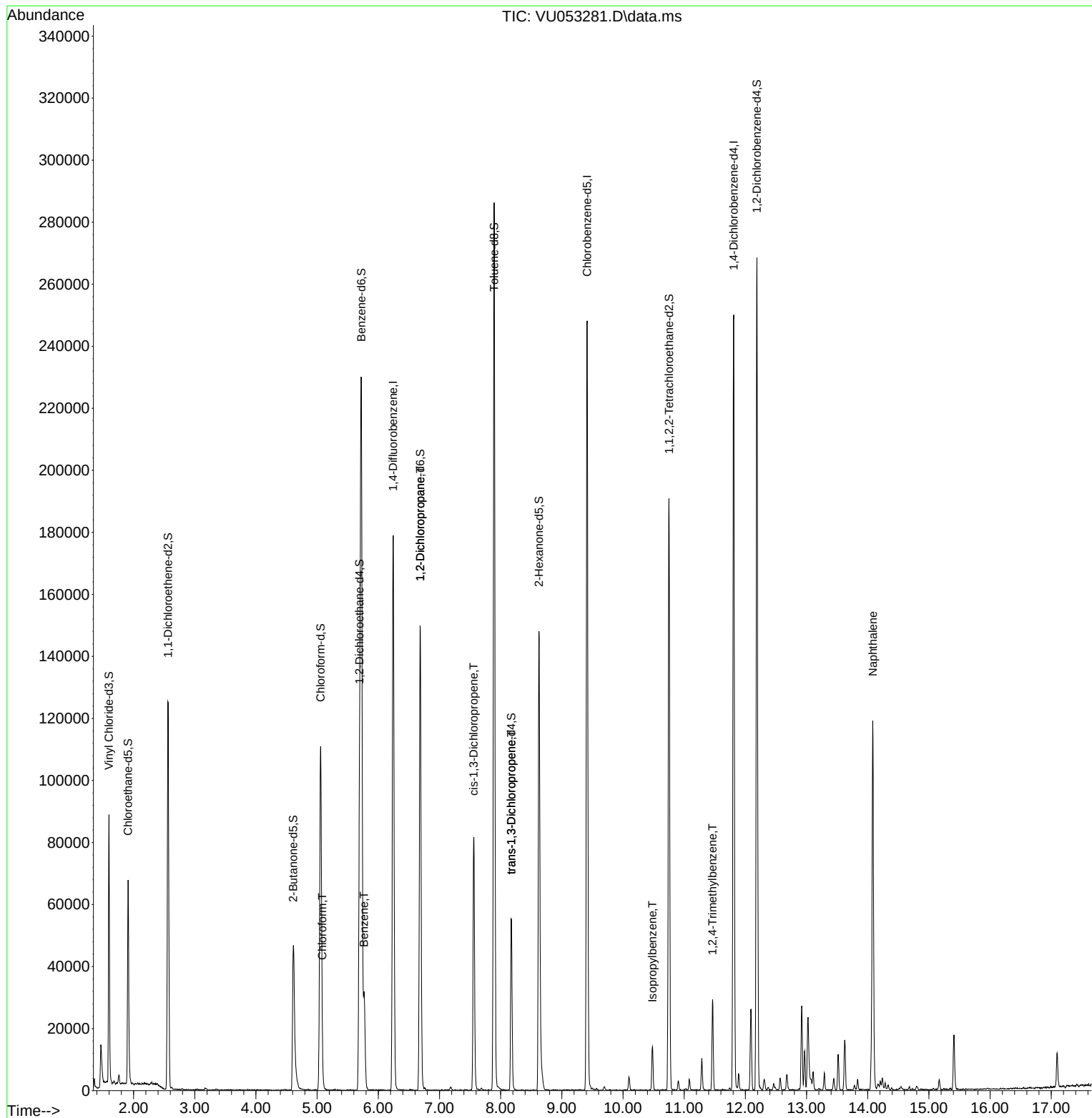
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	140057	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128066	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	58771	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57075	44.172	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.340%	
7) Chloroethane-d5	1.909	69	47971	45.898	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.562	63	74557	33.309	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.620%	
21) 2-Butanone-d5	4.610	46	68391	114.121	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.120%	
24) Chloroform-d	5.057	84	94990	44.635	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.260%	
26) 1,2-Dichloroethane-d4	5.694	65	68124	51.543	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.080%	
32) Benzene-d6	5.723	84	213256	51.339	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.680%	
36) 1,2-Dichloropropane-d6	6.684	67	72283	53.917	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	107.840%	
41) Toluene-d8	7.893	98	189193	48.920	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.840%	
43) trans-1,3-Dichloroprop...	8.173	79	31867	48.177	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.360%	
47) 2-Hexanone-d5	8.626	63	52526	125.320	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	125.320%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93583	53.886	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	107.780%	
66) 1,2-Dichlorobenzene-d4	12.189	152	60896	53.513	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	107.020%	
Target Compounds						
					Qvalue	
25) Chloroform	5.083	83	3895	1.827	ug/L	97
33) Benzene	5.768	78	29344	6.609	ug/L	100
37) 1,2-Dichloropropane	6.684	63	7578	6.118	ug/L #	90
39) cis-1,3-Dichloropropene	7.559	75	2303	1.132	ug/L #	59
44) trans-1,3-Dichloropropene	8.173	75	1574	0.846	ug/L #	82
61) Isopropylbenzene	10.481	105	9784	2.107	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	15797	4.216	ug/L	99
71) Naphthalene	14.082	128	86345	23.091	ug/L	99

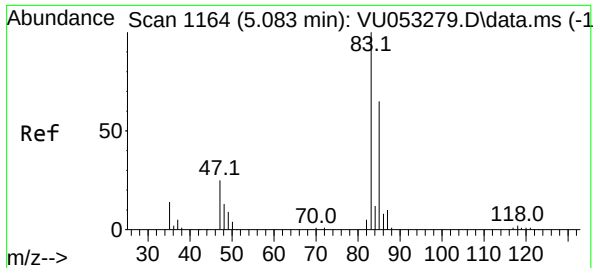
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 1.827 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

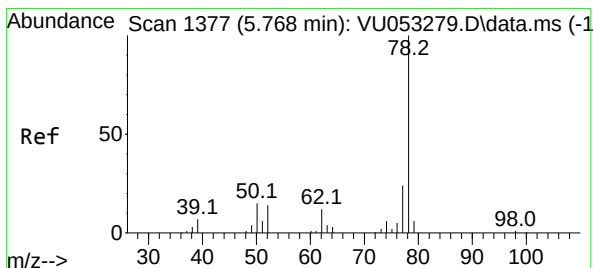
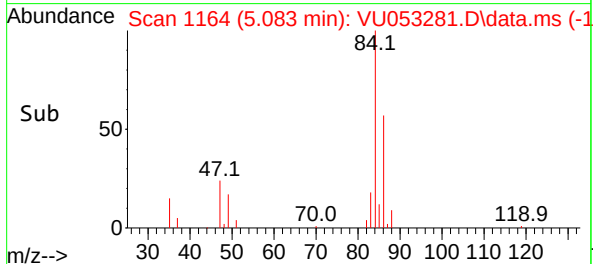
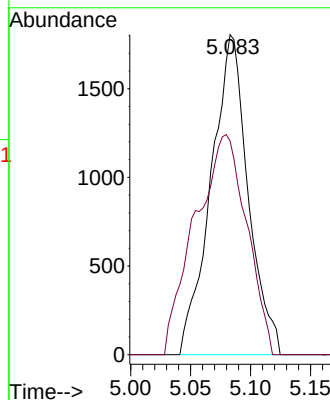
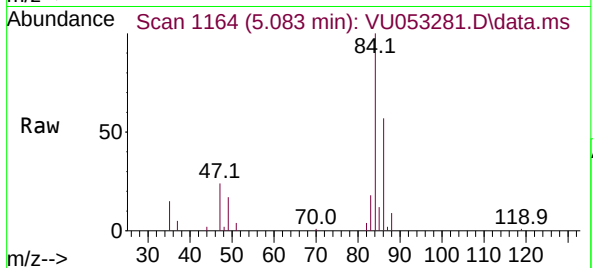
EYFG1

Tgt Ion: 83 Resp: 3895

Ion Ratio Lower Upper

83 100

85 66.8 44.9 83.3



#33

Benzene

Concen: 6.609 ug/L

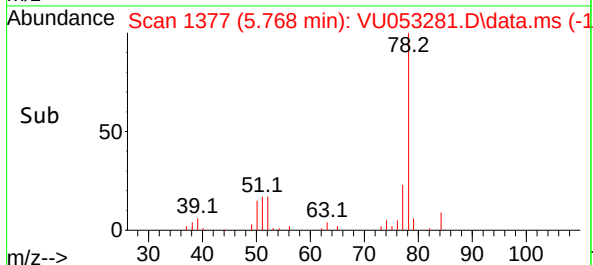
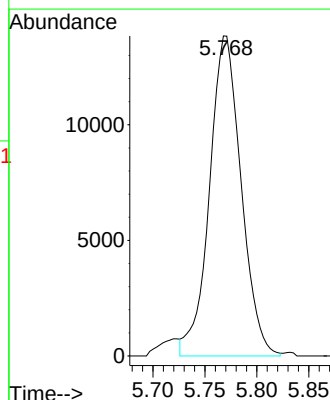
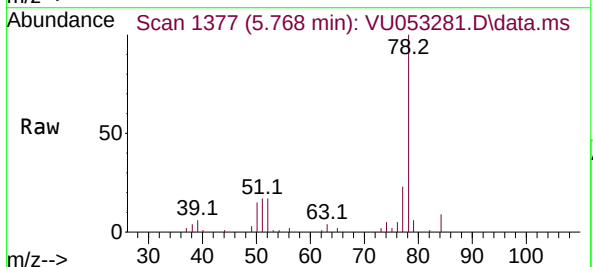
RT: 5.768 min Scan# 1377

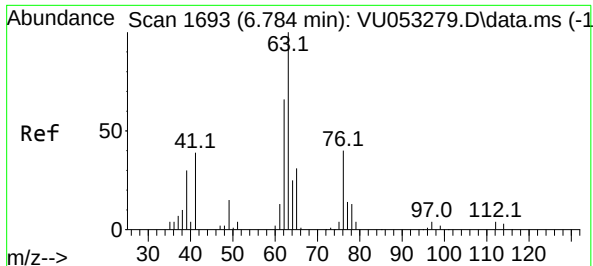
Delta R.T. 0.000 min

Lab File: VU053281.D

Acq: 17 Mar 2023 21:10

Tgt Ion: 78 Resp: 29344





#37

1,2-Dichloropropane

Concen: 6.118 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053281.D

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Instrument :

MSVOA_U

ClientSampleId :

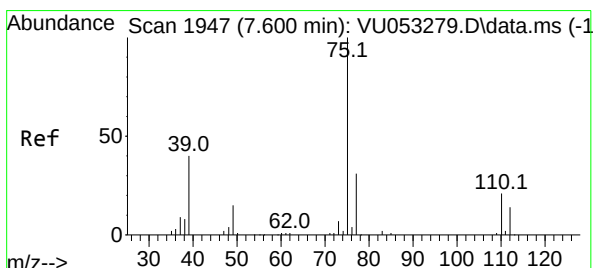
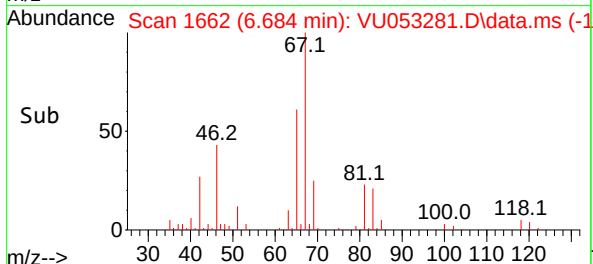
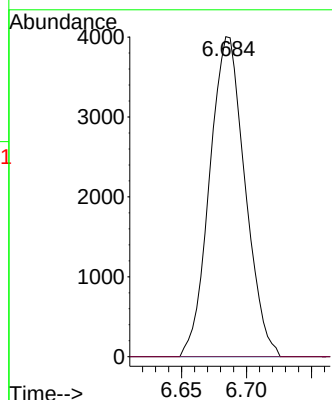
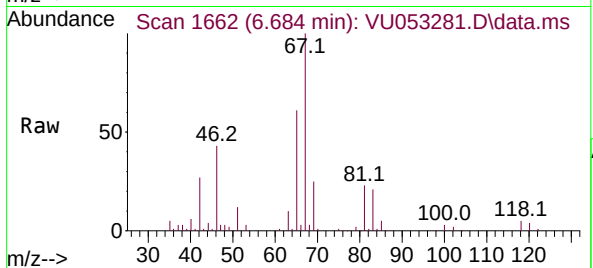
EYFG1

Tgt Ion: 63 Resp: 7578

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#39

cis-1,3-Dichloropropene

Concen: 1.132 ug/L

RT: 7.559 min Scan# 1934

Delta R.T. -0.042 min

Lab File: VU053281.D

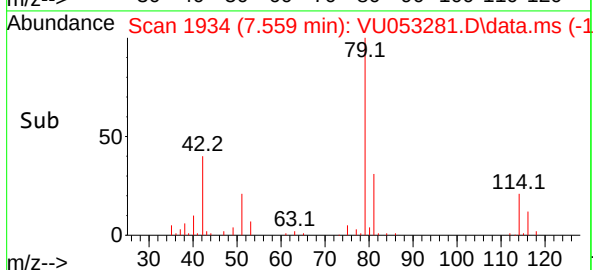
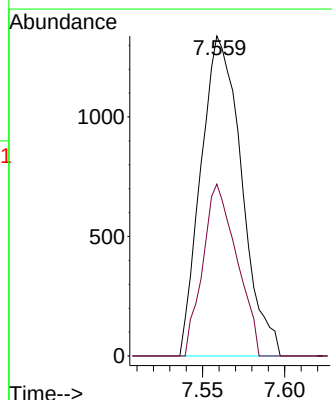
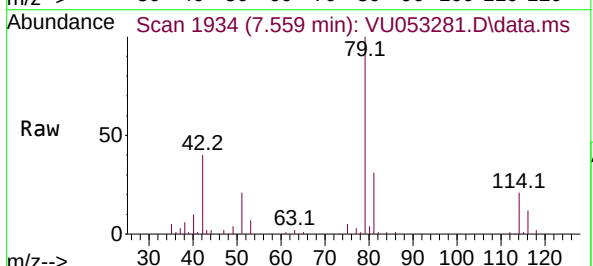
Acq: 17 Mar 2023 21:10

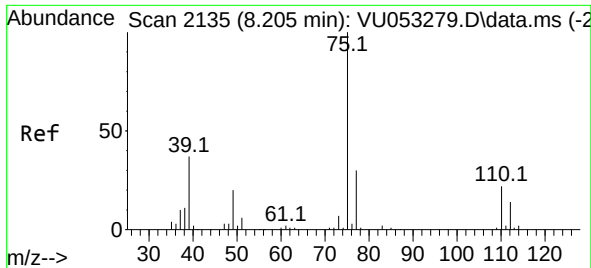
Tgt Ion: 75 Resp: 2303

Ion Ratio Lower Upper

75 100

77 53.7 21.9 40.7#

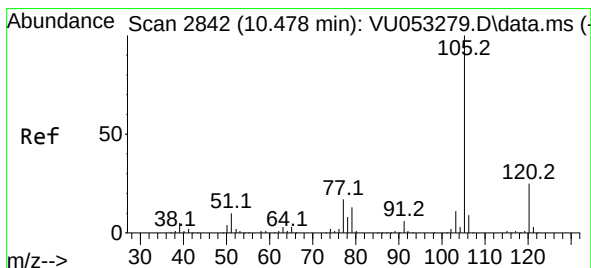
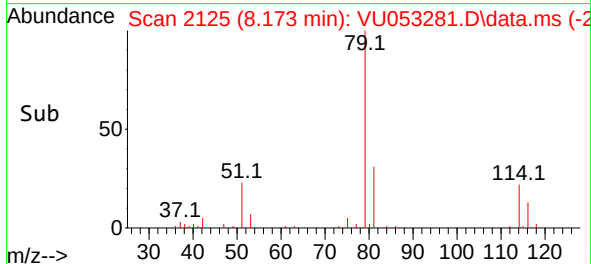
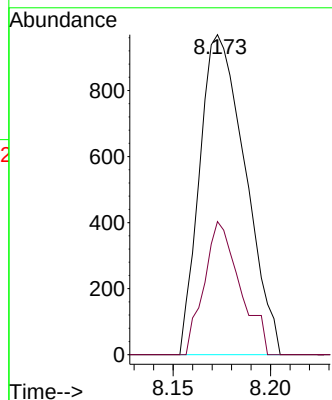
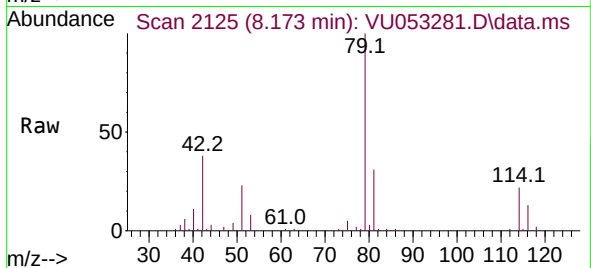




#44
trans-1,3-Dichloropropene
Concen: 0.846 ug/L
RT: 8.173 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU053281.D
Acq: 17 Mar 2023 21:10

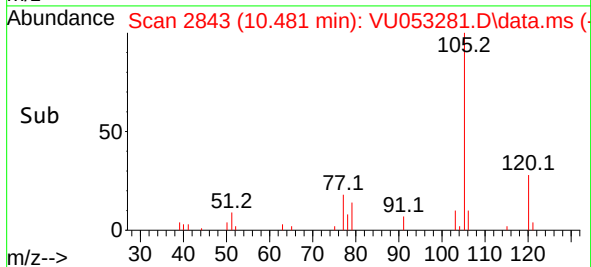
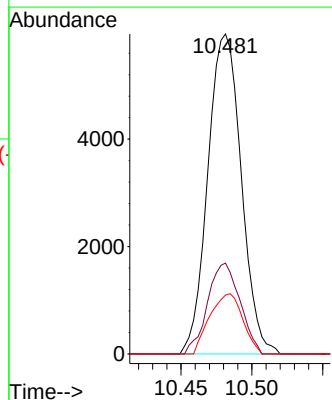
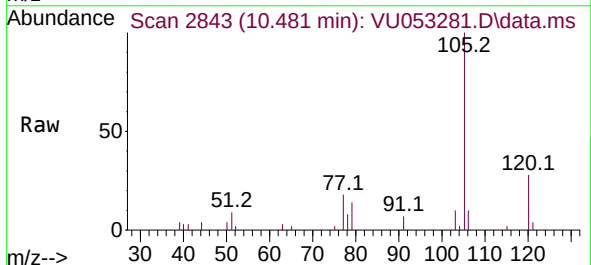
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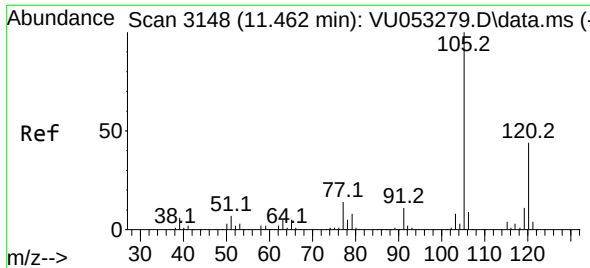
Tgt Ion: 75 Resp: 1574
Ion Ratio Lower Upper
75 100
77 41.6 22.0 40.8#



#61
Isopropylbenzene
Concen: 2.107 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU053281.D
Acq: 17 Mar 2023 21:10

Tgt Ion: 105 Resp: 9784
Ion Ratio Lower Upper
105 100
120 27.4 20.4 30.6
77 18.5 13.0 19.4

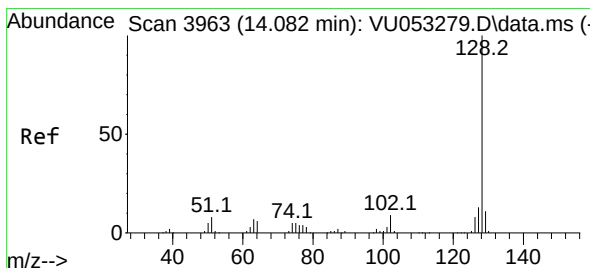
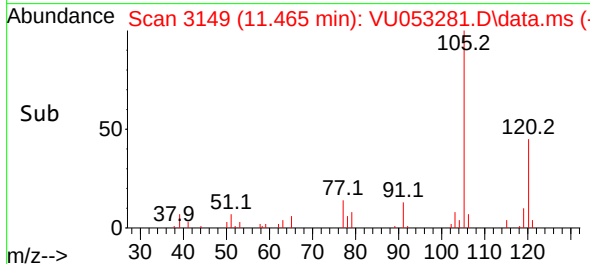
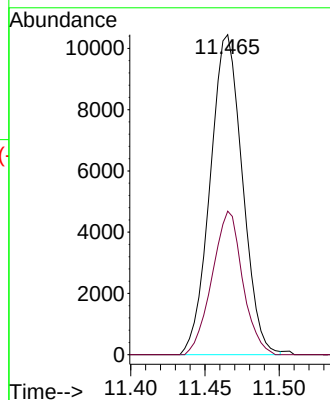
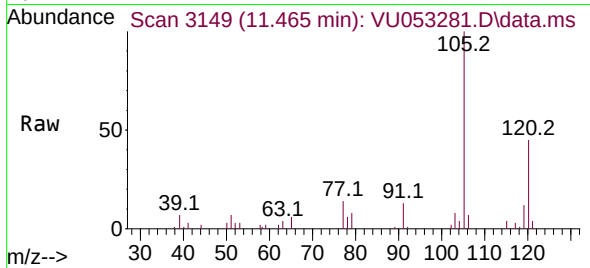




#63
1,2,4-Trimethylbenzene
Concen: 4.216 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU053281.D
Acq: 17 Mar 2023 21:10

Instrument :
MSVOA_U
ClientSampleId :
EYFG1

Tgt Ion:105 Resp: 15797
Ion Ratio Lower Upper
105 100
120 42.4 34.6 52.0



#71
Naphthalene
Concen: 23.091 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU053281.D
Acq: 17 Mar 2023 21:10

Tgt Ion:128 Resp: 86345
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.3 8.6 13.0

