

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057152.D
 Acq On : 21 Dec 2023 22:27
 Operator : MD/SY
 Sample : 05894-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 21 23:35:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

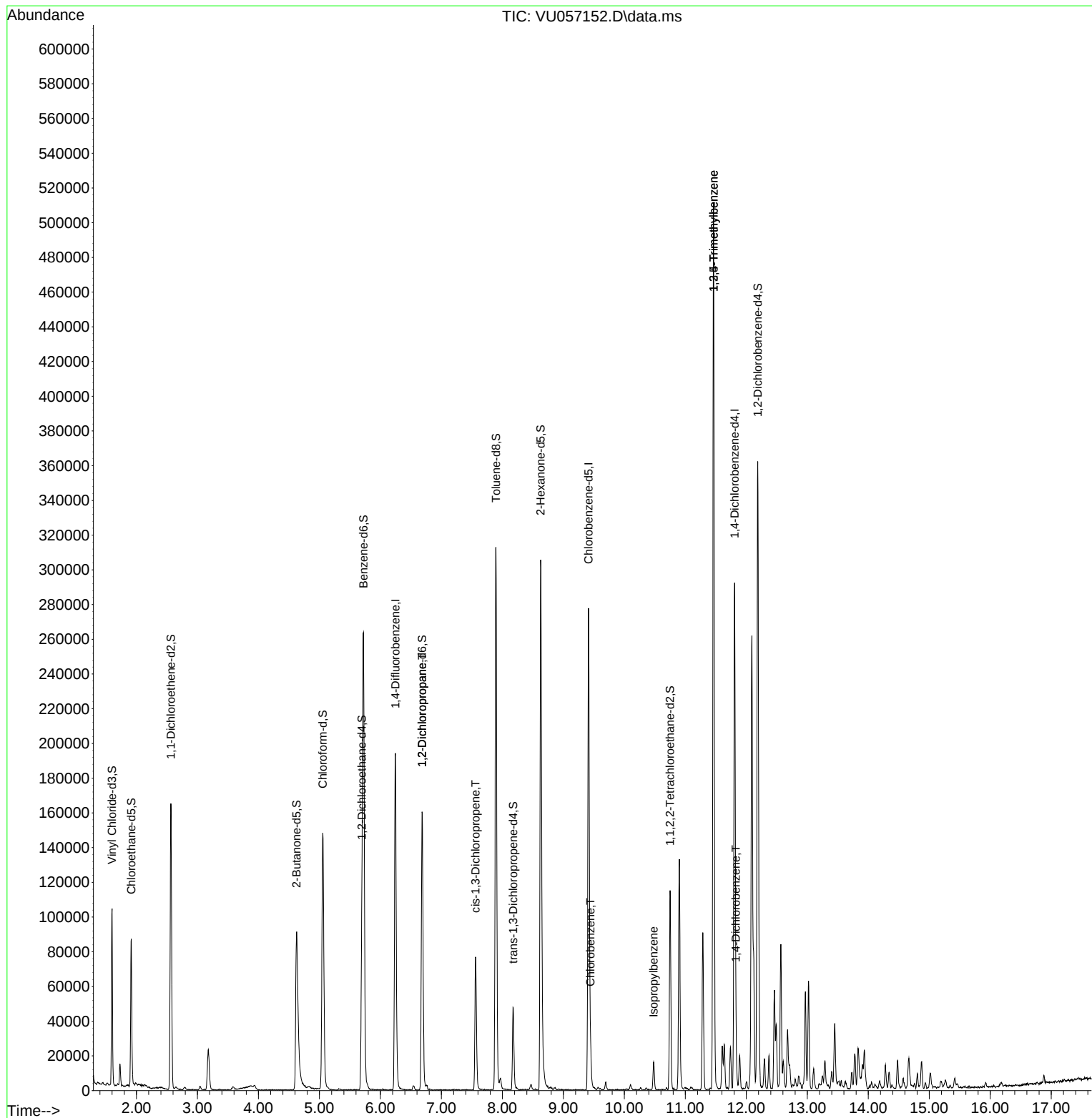
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	152427	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	73124	5.019	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.914	69	62645	5.224	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.563	65	31549	4.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	4.624	46	128168	56.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.060%
24) Chloroform-d	5.055	84	143535	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.695	65	69092	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.721	84	254918	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.682	67	73941	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.894	98	215001	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	28645	4.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.627	63	105101	49.626	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53803	5.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	82825	4.985	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.682	63	8661	0.717	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2045	0.113	ug/L #	24
51) Chlorobenzene	9.444	112	11262	0.336	ug/L	90
60) Isopropylbenzene	10.479	105	10770	0.189	ug/L #	70
62) 1,3,5-Trimethylbenzene	11.463	105	281852	6.042	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	281852	6.123	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	5487	0.203	ug/L	94

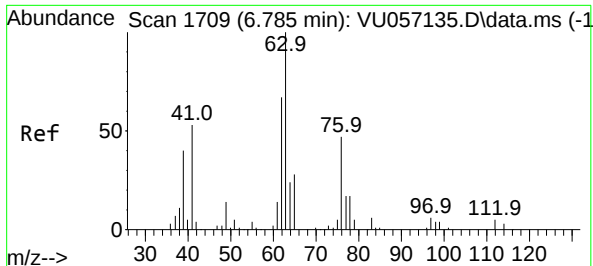
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#37

1,2-Dichloropropane

Concen: 0.717 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057152.D

Acq: 21 Dec 2023 22:27

Instrument :

MSVOA_U

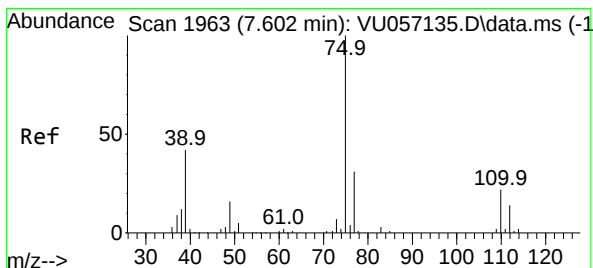
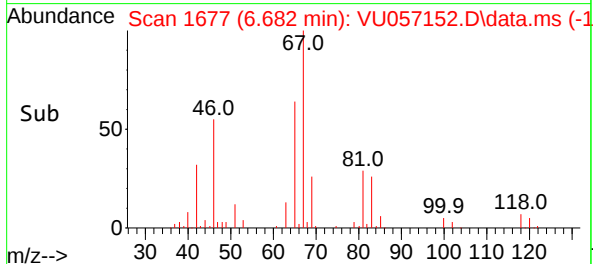
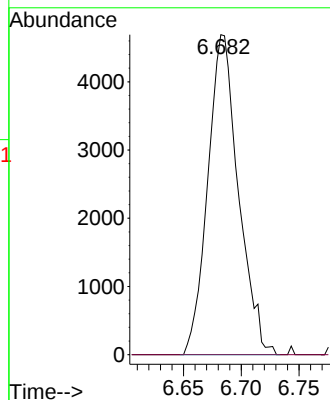
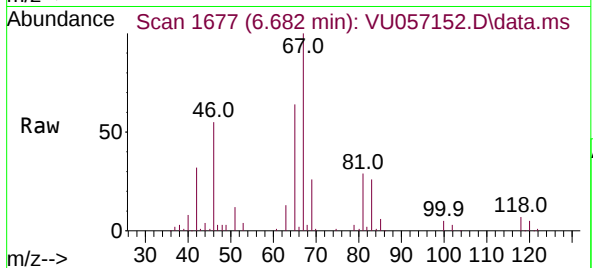
ClientSampleId :

Tgt Ion: 63 Resp: 8661

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 7.560 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU057152.D

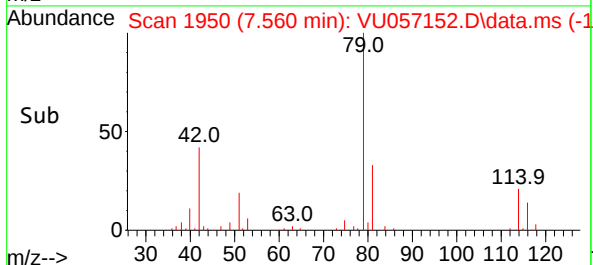
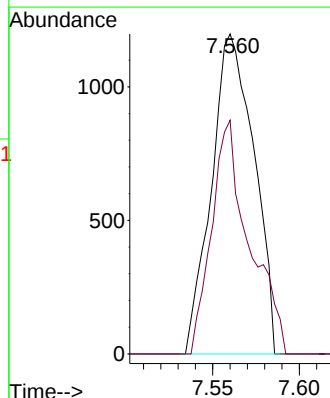
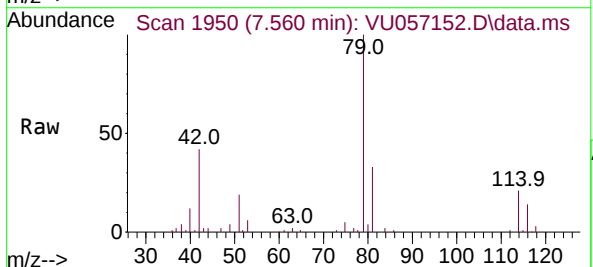
Acq: 21 Dec 2023 22:27

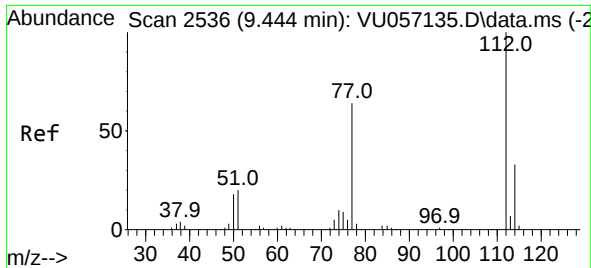
Tgt Ion: 75 Resp: 2045

Ion Ratio Lower Upper

75 100

77 73.0 21.8 40.4#

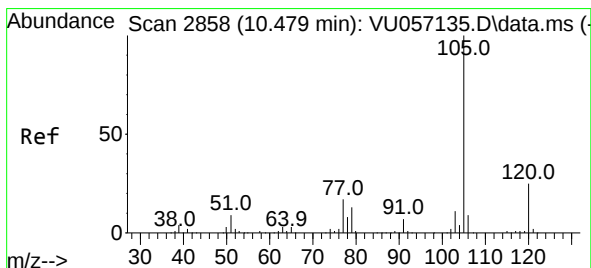
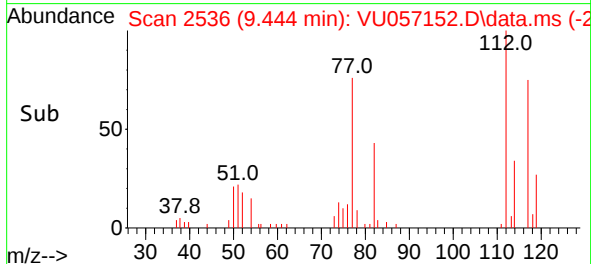
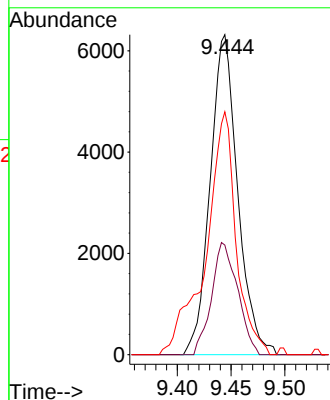
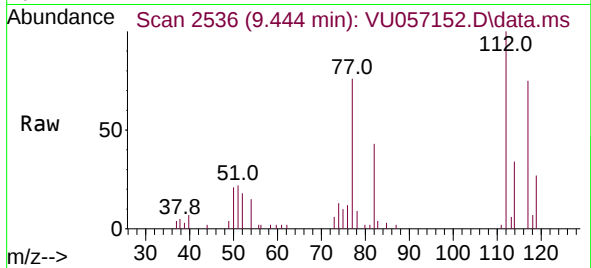




#51
Chlorobenzene
Concen: 0.336 ug/L
RT: 9.444 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU057152.D
Acq: 21 Dec 2023 22:27

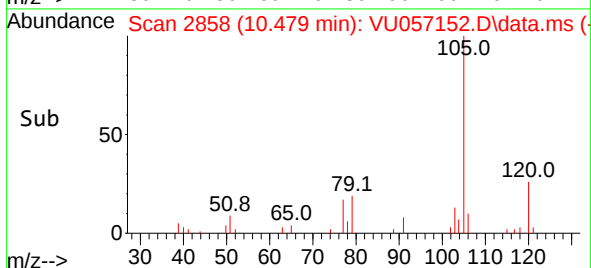
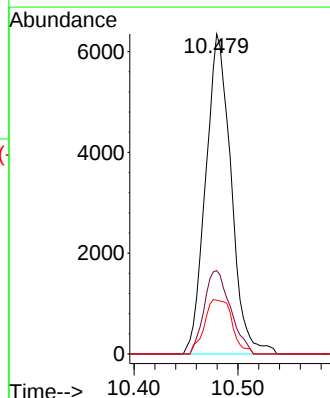
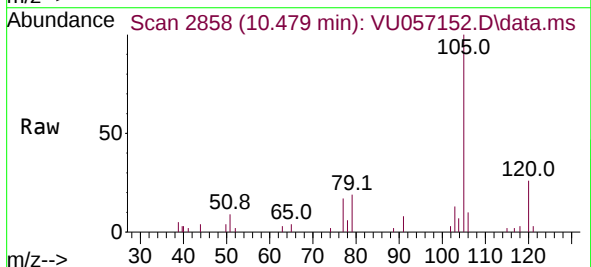
Instrument :
MSVOA_U
ClientSampleId :

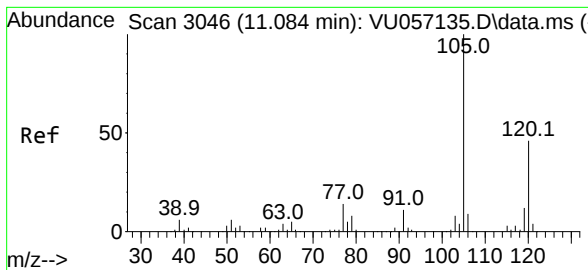
Tgt Ion:112 Resp: 11262
Ion Ratio Lower Upper
112 100
114 34.2 22.7 42.1
77 75.9 52.2 78.2



#60
Isopropylbenzene
Concen: 0.189 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU057152.D
Acq: 21 Dec 2023 22:27

Tgt Ion:105 Resp: 10770
Ion Ratio Lower Upper
105 100
120 0.0 19.8 29.8#
77 18.5 13.8 20.8

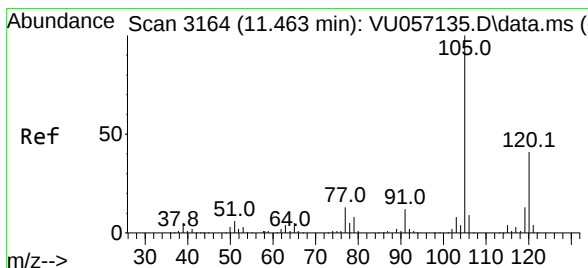
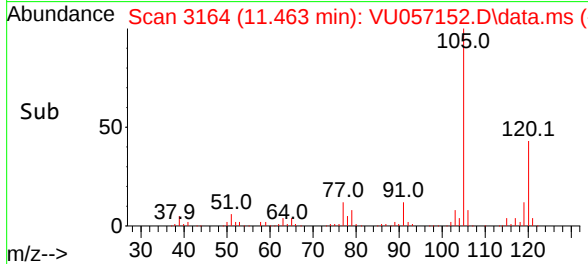
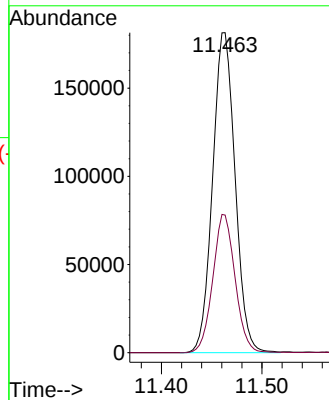
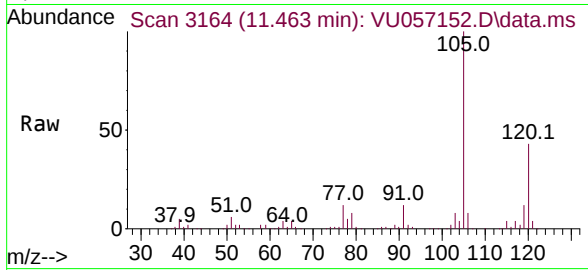




#62
 1,3,5-Trimethylbenzene
 Concen: 6.042 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.379 min
 Lab File: VU057152.D
 Acq: 21 Dec 2023 22:27

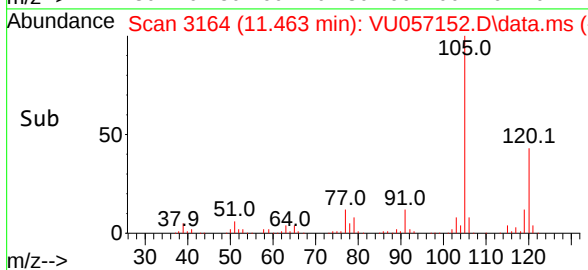
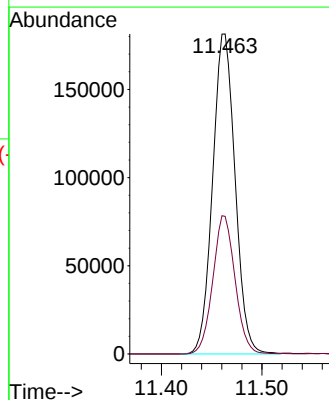
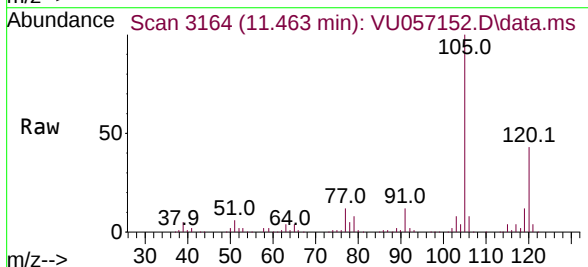
Instrument :
 MSVOA_U
 ClientSampleId :

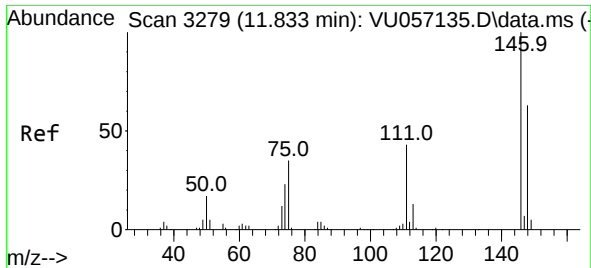
Tgt Ion:105 Resp: 281852
 Ion Ratio Lower Upper
 105 100
 120 42.8 35.8 53.8



#63
 1,2,4-Trimethylbenzene
 Concen: 6.123 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.000 min
 Lab File: VU057152.D
 Acq: 21 Dec 2023 22:27

Tgt Ion:105 Resp: 281852
 Ion Ratio Lower Upper
 105 100
 120 42.8 33.9 50.9





#65

1,4-Dichlorobenzene

Concen: 0.203 ug/L

RT: 11.830 min Scan# 31

Delta R.T. -0.003 min

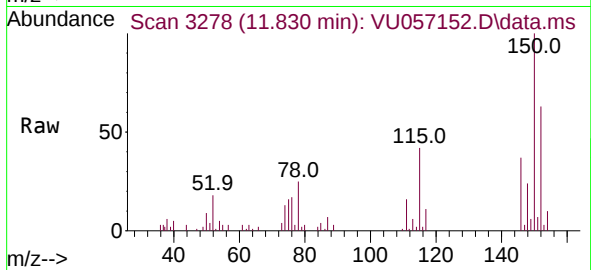
Lab File: VU057152.D

Acq: 21 Dec 2023 22:27

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 5487

Ion Ratio Lower Upper

146 100

111 44.6 28.1 52.3

148 65.5 43.0 79.8

