

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
 Data File : VU053642.D
 Acq On : 11 Apr 2023 17:58
 Operator : JC/MD
 Sample : 02252-18 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMF4

Quant Time: Apr 12 02:26:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 12 02:22:37 2023
 Response via : Initial Calibration

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

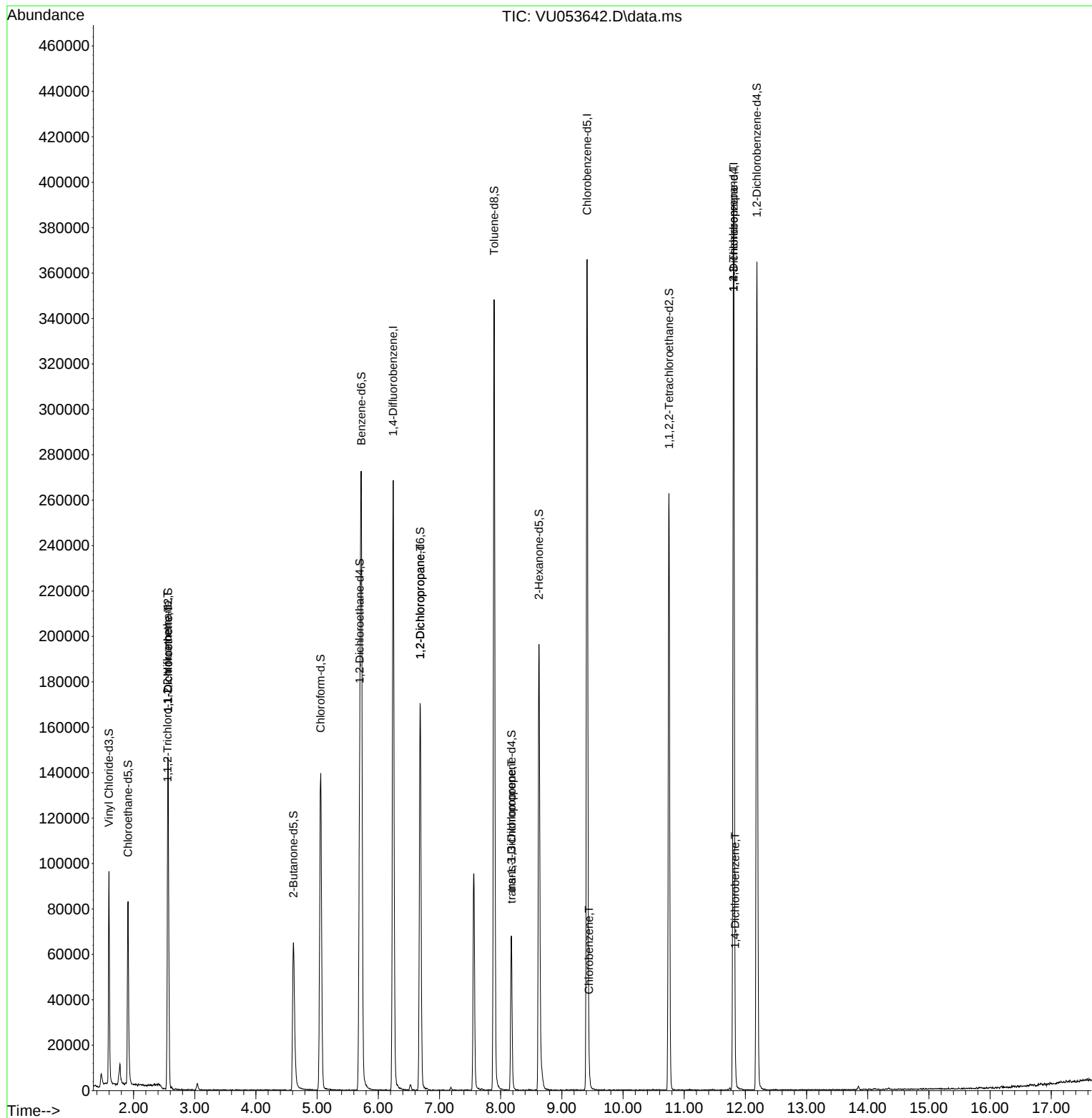
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	227574	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	213947	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106626	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68673	38.754	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.500%
7) Chloroethane-d5	1.909	69	63879	46.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.500%
11) 1,1-Dichloroethene-d2	2.562	63	83821	30.558	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.120%
21) 2-Butanone-d5	4.613	46	92394	115.162	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.160%
24) Chloroform-d	5.057	84	131810	44.977	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	5.697	65	86320	49.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.700%
32) Benzene-d6	5.723	84	263743	45.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
36) 1,2-Dichloropropane-d6	6.684	67	86208	48.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	7.893	98	243855	42.485	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.960%
43) trans-1,3-Dichloroprop...	8.176	79	38464	42.214	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.420%
47) 2-Hexanone-d5	8.626	63	72372	120.134	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.130%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	129899	52.212	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.420%
66) 1,2-Dichlorobenzene-d4	12.189	152	99851	44.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.720%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.555	101	967	0.617	ug/L #	17
12) 1,1-Dichloroethene	2.562	96	765	0.548	ug/L #	1
37) 1,2-Dichloropropane	6.684	63	8566	6.052	ug/L #	86
44) trans-1,3-Dichloropropene	8.179	75	2000	0.915	ug/L #	80
51) Chlorobenzene	9.443	112	3349	0.769	ug/L	89
60) 1,2,3-Trichloropropane	11.806	75	13367	8.646	ug/L #	63
65) 1,4-Dichlorobenzene	11.832	146	3156	0.940	ug/L	85

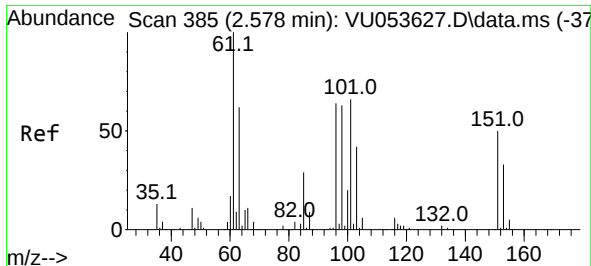
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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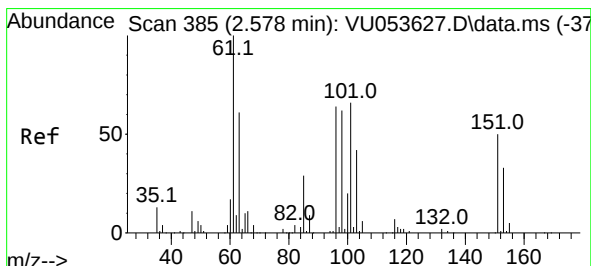
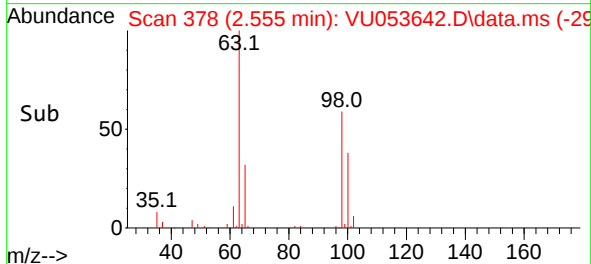
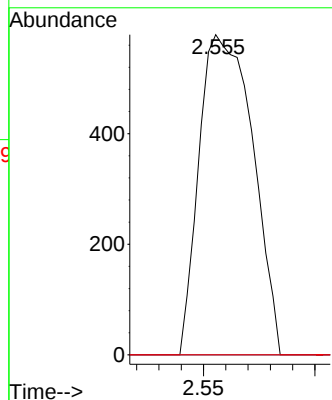
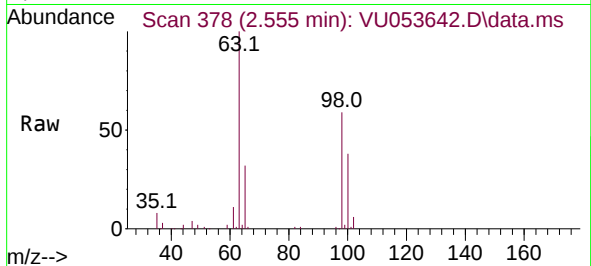




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.617 ug/L
 RT: 2.555 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: VU053642.D
 Acq: 11 Apr 2023 17:58

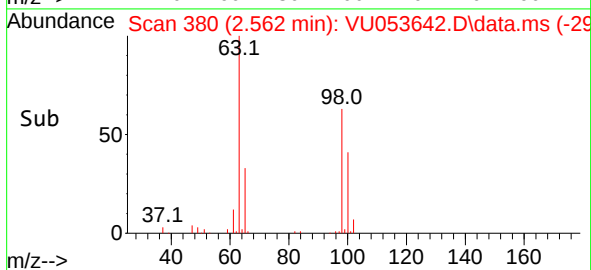
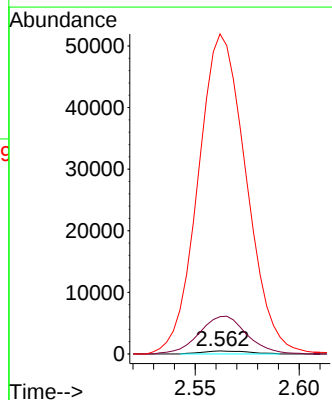
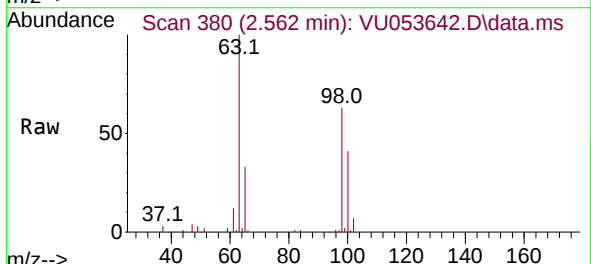
Instrument :
 MSVOA_U
 ClientSampleId :
 COMF4

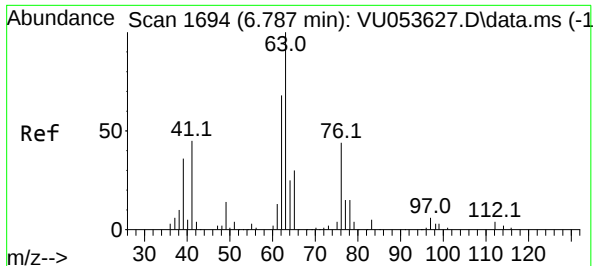
Tgt Ion:101 Resp: 967
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 0.0 65.8 98.6#



#12
 1,1-Dichloroethene
 Concen: 0.548 ug/L
 RT: 2.562 min Scan# 380
 Delta R.T. -0.016 min
 Lab File: VU053642.D
 Acq: 11 Apr 2023 17:58

Tgt Ion: 96 Resp: 765
 Ion Ratio Lower Upper
 96 100
 61 1208.4 107.9 200.5#
 63 10350.6 79.1 146.9#





#37

1,2-Dichloropropane

Concen: 6.052 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU053642.D

Acq: 11 Apr 2023 17:58

Instrument :

MSVOA_U

ClientSampleId :

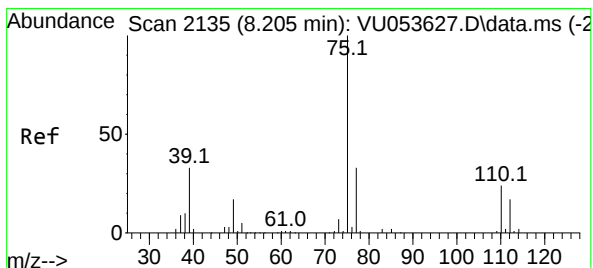
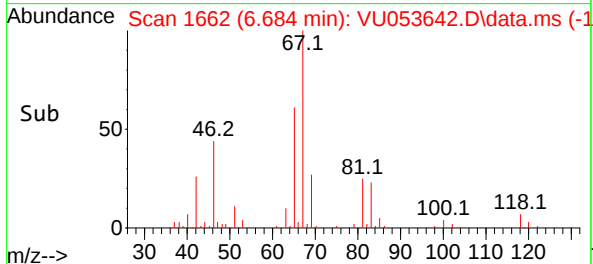
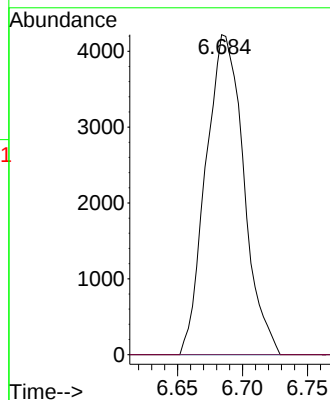
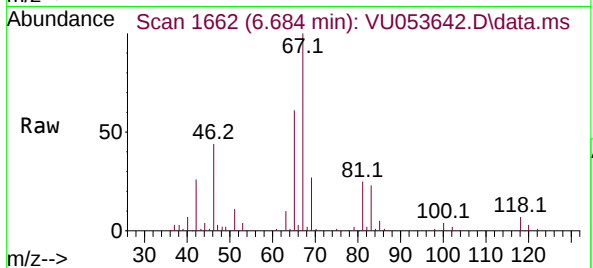
COMF4

Tgt Ion: 63 Resp: 8566

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#44

trans-1,3-Dichloropropene

Concen: 0.915 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.026 min

Lab File: VU053642.D

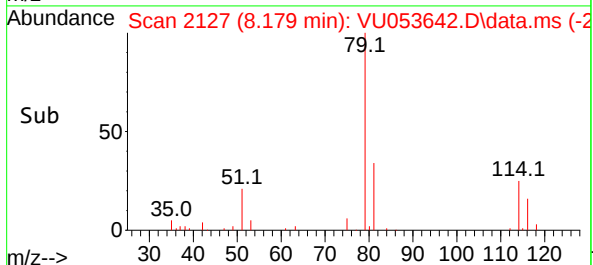
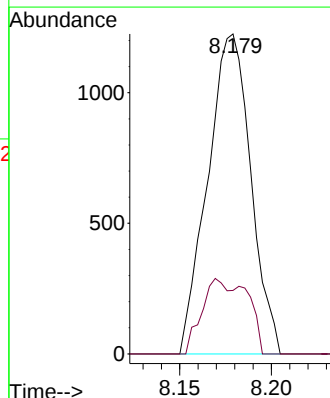
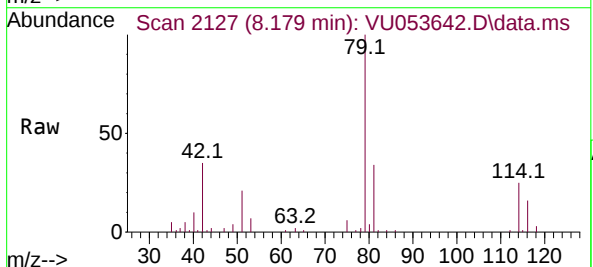
Acq: 11 Apr 2023 17:58

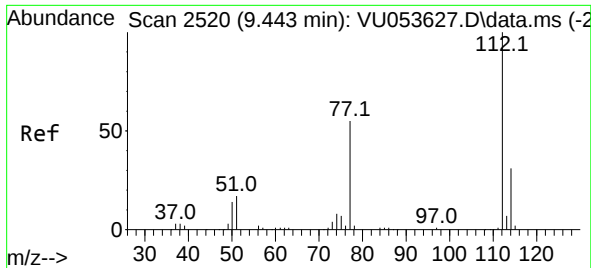
Tgt Ion: 75 Resp: 2000

Ion Ratio Lower Upper

75 100

77 19.8 21.8 40.4#

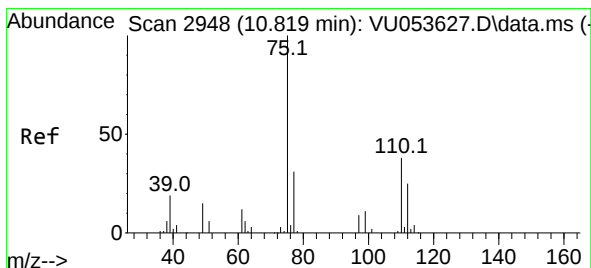
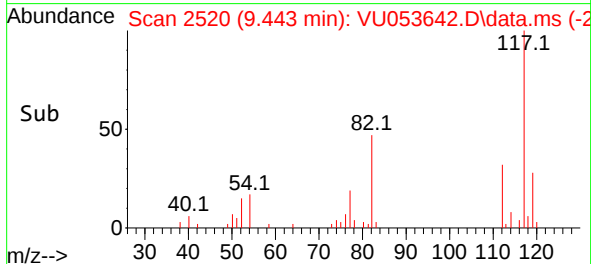
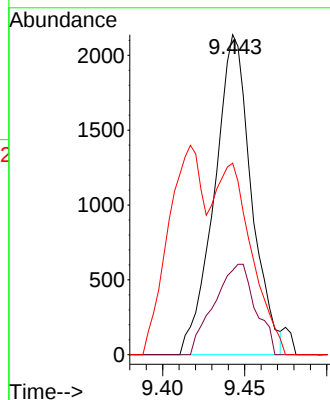
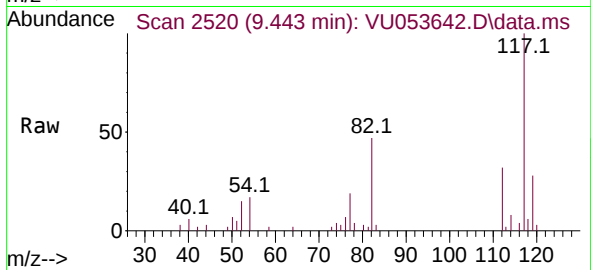




#51
Chlorobenzene
Concen: 0.769 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU053642.D
Acq: 11 Apr 2023 17:58

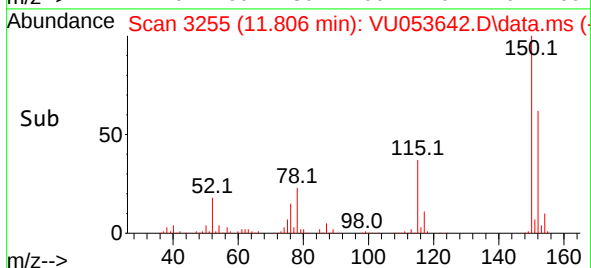
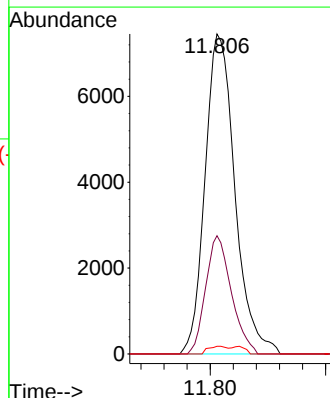
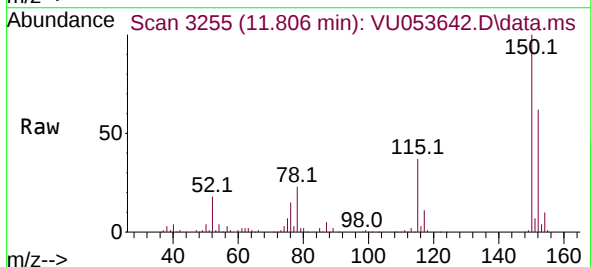
Instrument :
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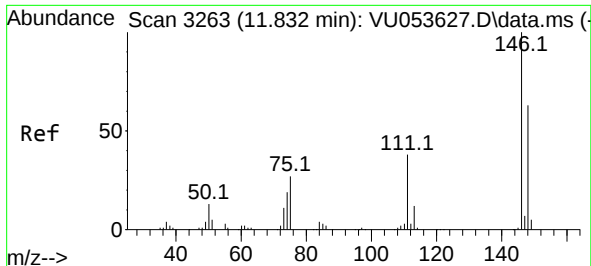
Tgt Ion:112	Resp:	3349
Ion	Ratio	Lower Upper
112	100	
114	26.4	22.2 41.2
77	59.9	41.3 61.9



#60
1,2,3-Trichloropropane
Concen: 8.646 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053642.D
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Tgt Ion: 75	Resp:	13367
Ion	Ratio	Lower Upper
75	100	
77	31.7	26.0 39.0
110	0.4	32.6 48.8#





#65

1,4-Dichlorobenzene

Concen: 0.940 ug/L

RT: 11.832 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU053642.D

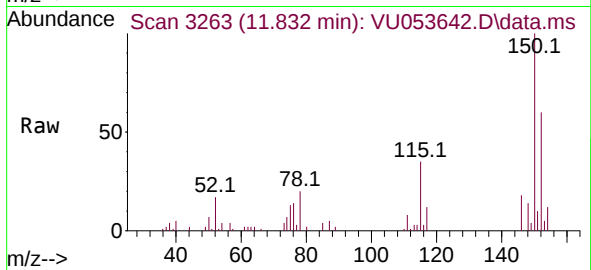
Acq: 11 Apr 2023 17:58

Instrument :

MSVOA_U

ClientSampleId :

COMF4



Tgt Ion:146 Resp: 3156

Ion Ratio Lower Upper

146 100

111 45.5 25.1 46.5

148 74.7 44.3 82.3

