

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053522.D
 Acq On : 03 Apr 2023 16:02
 Operator : JC/MD
 Sample : 02158-18
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

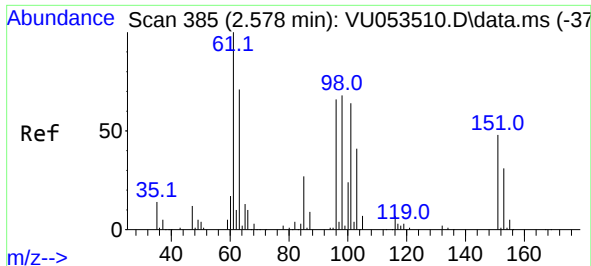
Instrument :
 MSVOA_U
 ClientSampleId :
 FB(20230328)

Quant Time: Apr 04 05:17:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	266110	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	251144	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	132086	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	99365	47.954	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.900%		
7) Chloroethane-d5	1.909	69	82545	51.667	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	103.340%		
11) 1,1-Dichloroethene-d2	2.565	63	119450	37.240	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.480%		
21) 2-Butanone-d5	4.613	46	109065	116.255	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	116.250%		
24) Chloroform-d	5.057	84	165668	48.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.680%		
26) 1,2-Dichloroethane-d4	5.697	65	110163	54.403	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.800%		
32) Benzene-d6	5.722	84	349299	51.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.060%		
36) 1,2-Dichloropropane-d6	6.684	67	108486	52.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.720%		
41) Toluene-d8	7.893	98	330323	49.025	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.060%		
43) trans-1,3-Dichloroprop...	8.176	79	53327	49.858	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.720%		
47) 2-Hexanone-d5	8.626	63	88516	125.170	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	125.170%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	155979	53.409	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.820%		
66) 1,2-Dichlorobenzene-d4	12.188	152	132189	47.945	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.880%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1122	0.612	ug/L #	17
12) 1,1-Dichloroethene	2.565	96	977	0.598	ug/L #	1
25) Chloroform	5.083	83	2072	0.665	ug/L #	37
35) Methylcyclohexane	6.684	83	26055	8.956	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	12170	7.325	ug/L #	86
39) cis-1,3-Dichloropropene	7.558	75	3458	1.274	ug/L #	70
44) trans-1,3-Dichloropropene	8.176	75	2120	0.826	ug/L #	70
48) 2-Hexanone	8.629	43	9492	6.499	ug/L #	70
60) 1,2,3-Trichloropropane	11.806	75	14699	7.675	ug/L #	64

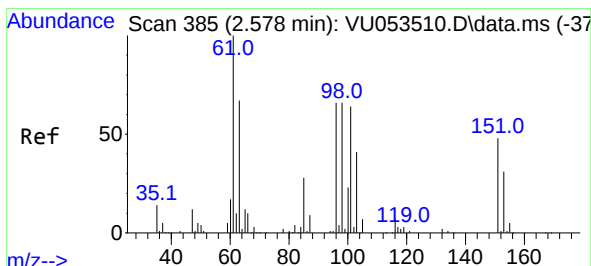
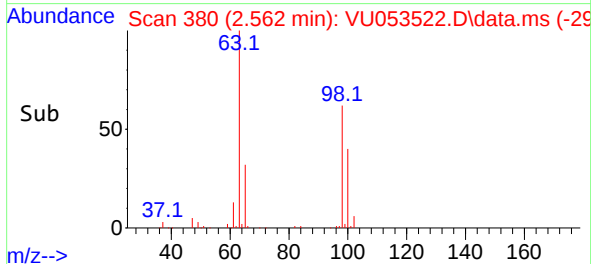
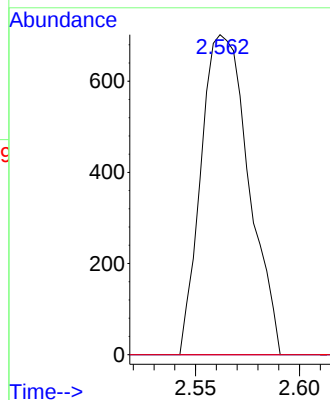
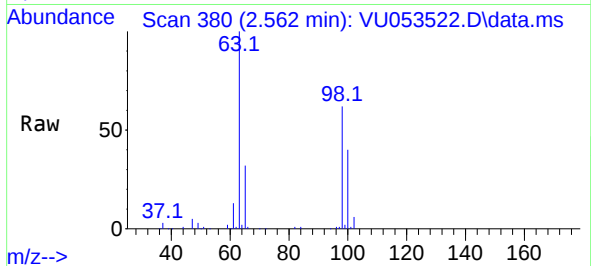
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.612 ug/L
RT: 2.562 min Scan# 381
Delta R.T. -0.016 min
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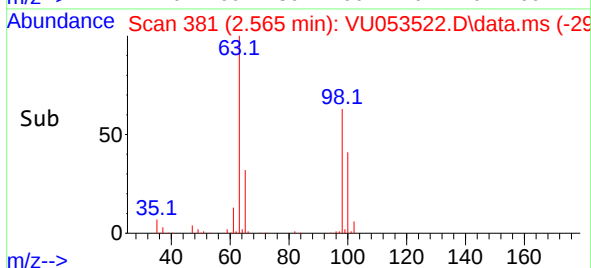
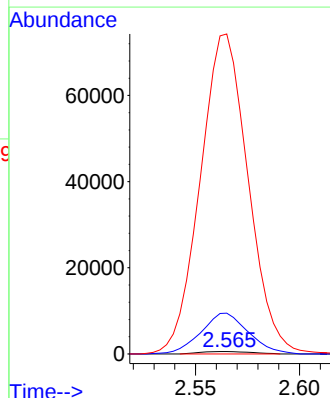
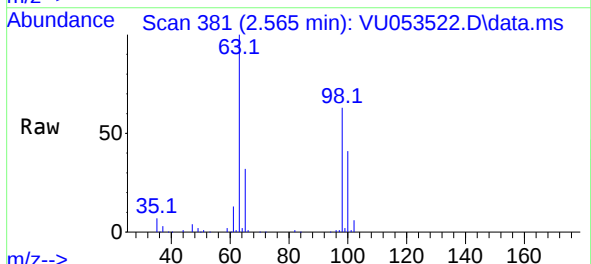
Instrument :
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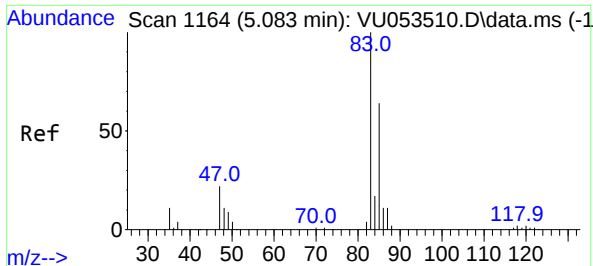
Tgt Ion:101 Resp: 1122
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.598 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU053522.D
Acq: 03 Apr 2023 16:02

Tgt Ion: 96 Resp: 977
Ion Ratio Lower Upper
96 100
61 1637.8 107.9 200.5#
63 12827.6 79.1 146.9#

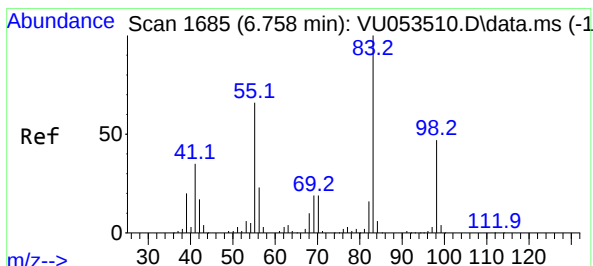
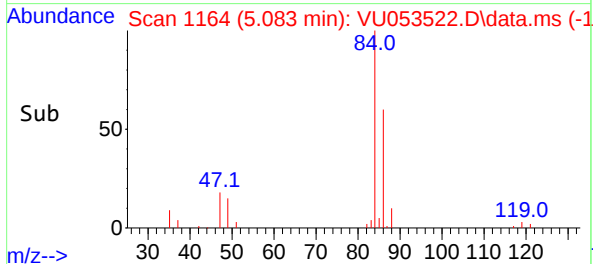
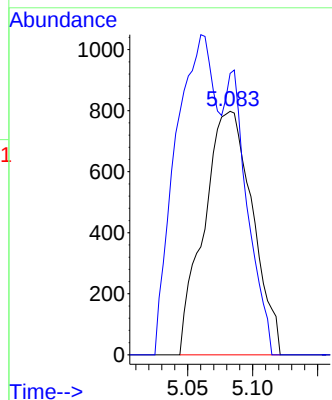
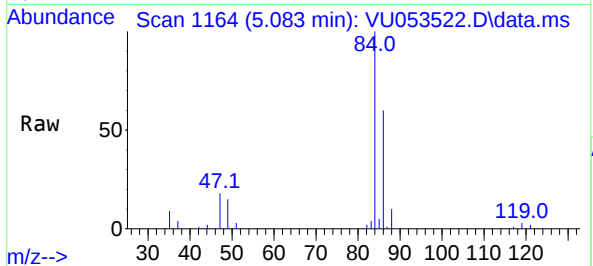




#25
Chloroform
Concen: 0.665 ug/L
RT: 5.083 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VU053522.D
Acq: 03 Apr 2023 16:02

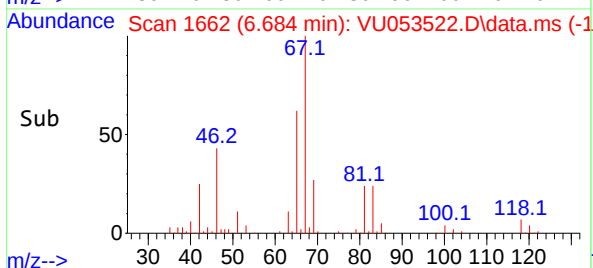
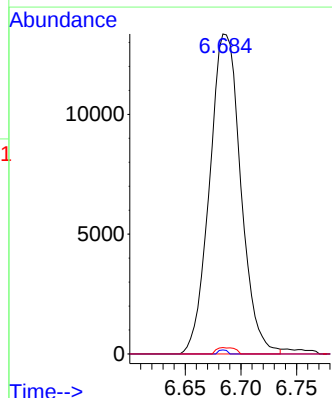
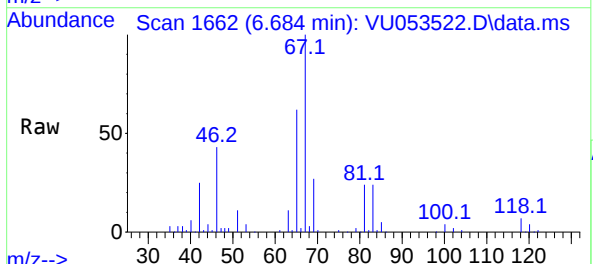
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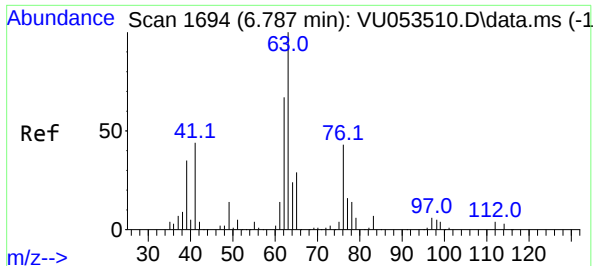
Tgt Ion: 83 Resp: 2072
Ion Ratio Lower Upper
83 100
85 115.5 46.1 85.5#



#35
Methylcyclohexane
Concen: 8.956 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053522.D
Acq: 03 Apr 2023 16:02

Tgt Ion: 83 Resp: 26055
Ion Ratio Lower Upper
83 100
55 0.3 53.0 79.6#
98 0.7 39.0 58.6#

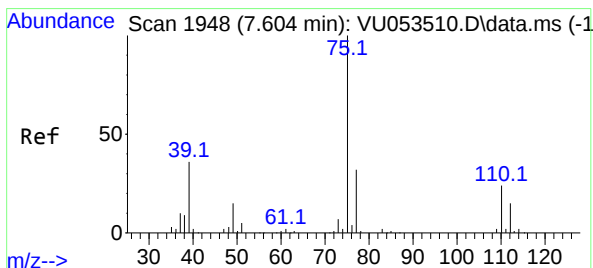
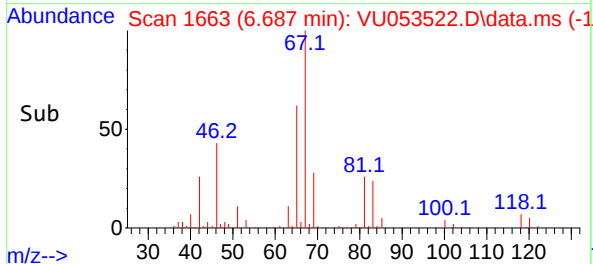
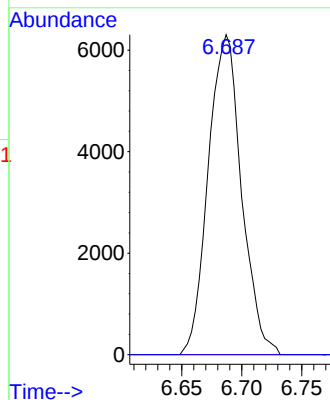
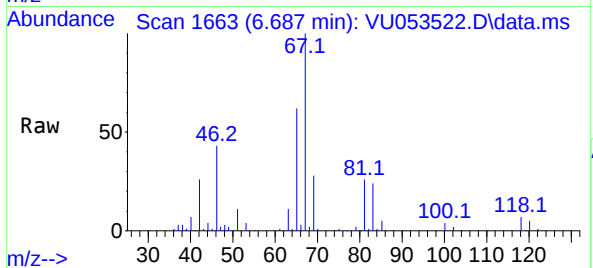




#37
1,2-Dichloropropane
Concen: 7.325 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU053522.D
Acq: 03 Apr 2023 16:02

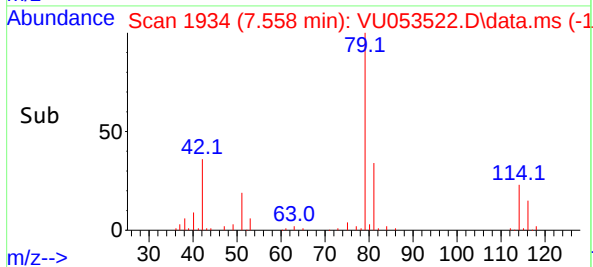
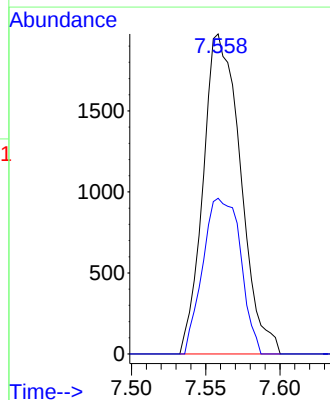
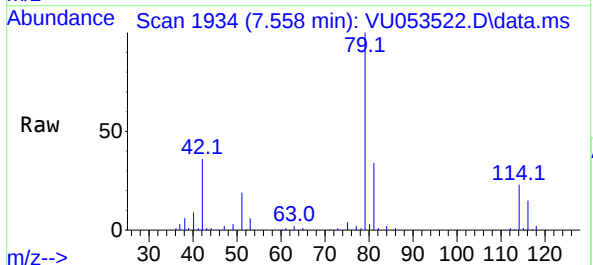
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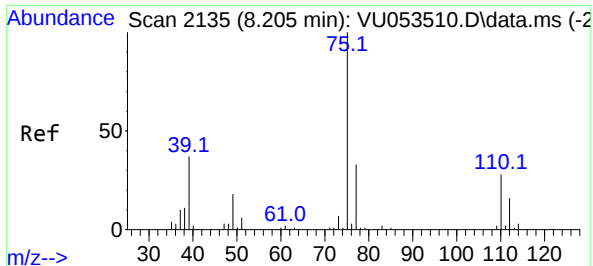
Tgt Ion: 63 Resp: 12170
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.274 ug/L
RT: 7.558 min Scan# 1934
Delta R.T. -0.042 min
Lab File: VU053522.D
Acq: 03 Apr 2023 16:02

Tgt Ion: 75 Resp: 3458
Ion Ratio Lower Upper
75 100
77 48.7 22.5 41.7#

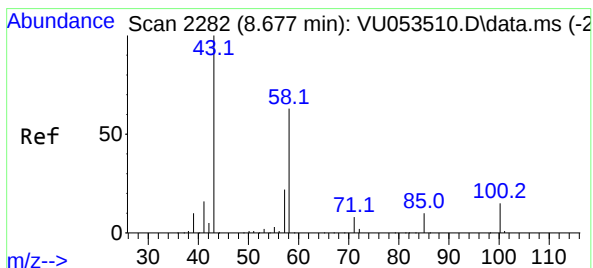
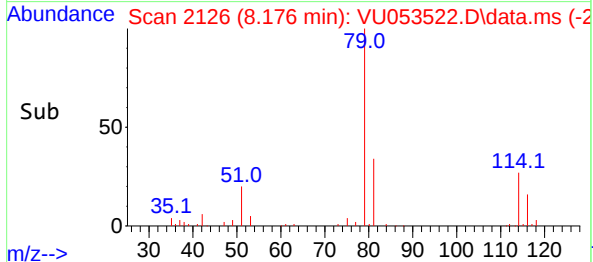
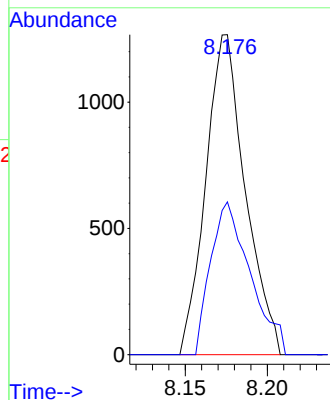
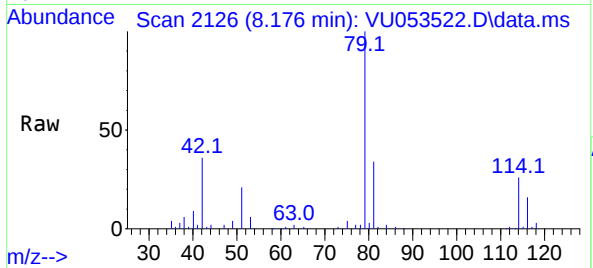




#44
trans-1,3-Dichloropropene
Concen: 0.826 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.029 min
Lab File: VU053522.D
Acq: 03 Apr 2023 16:02

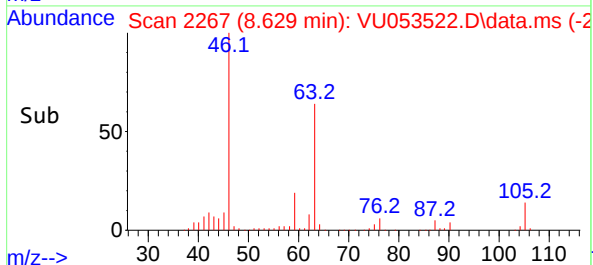
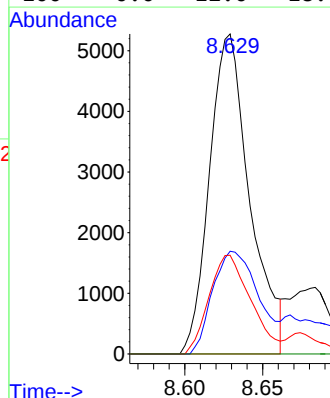
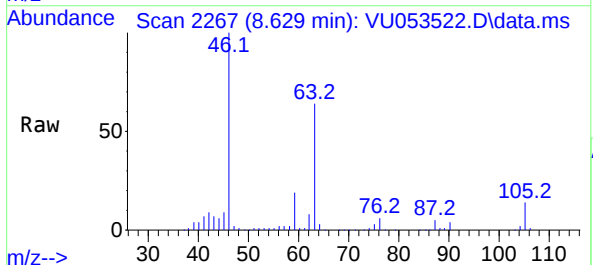
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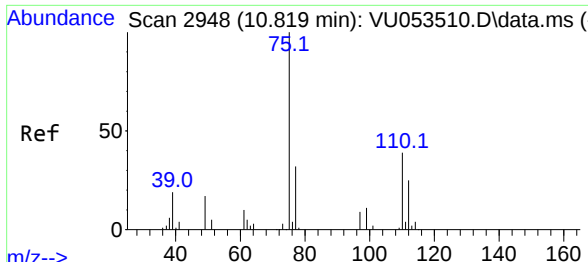
Tgt Ion: 75 Resp: 2120
Ion Ratio Lower Upper
75 100
77 47.8 21.8 40.4#



#48
2-Hexanone
Concen: 6.499 ug/L
RT: 8.629 min Scan# 2267
Delta R.T. -0.048 min
Lab File: VU053522.D
Acq: 03 Apr 2023 16:02

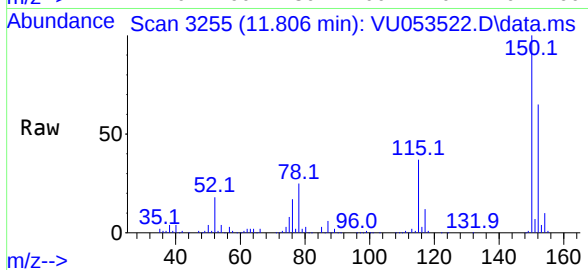
Tgt Ion: 43 Resp: 9492
Ion Ratio Lower Upper
43 100
58 37.1 49.8 74.6#
57 32.0 17.8 26.6#
100 0.0 12.0 18.0#





#60
 1,2,3-Trichloropropane
 Concen: 7.675 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053522.D
 Acq: 03 Apr 2023 16:02

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 75 Resp: 14699
 Ion Ratio Lower Upper
 75 100
 77 33.2 26.0 39.0
 110 1.4 32.6 48.8#

