

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053527.D
 Acq On : 03 Apr 2023 18:01
 Operator : JC/MD
 Sample : 02158-25
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TB(20230330)

Quant Time: Apr 04 05:18:57 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)

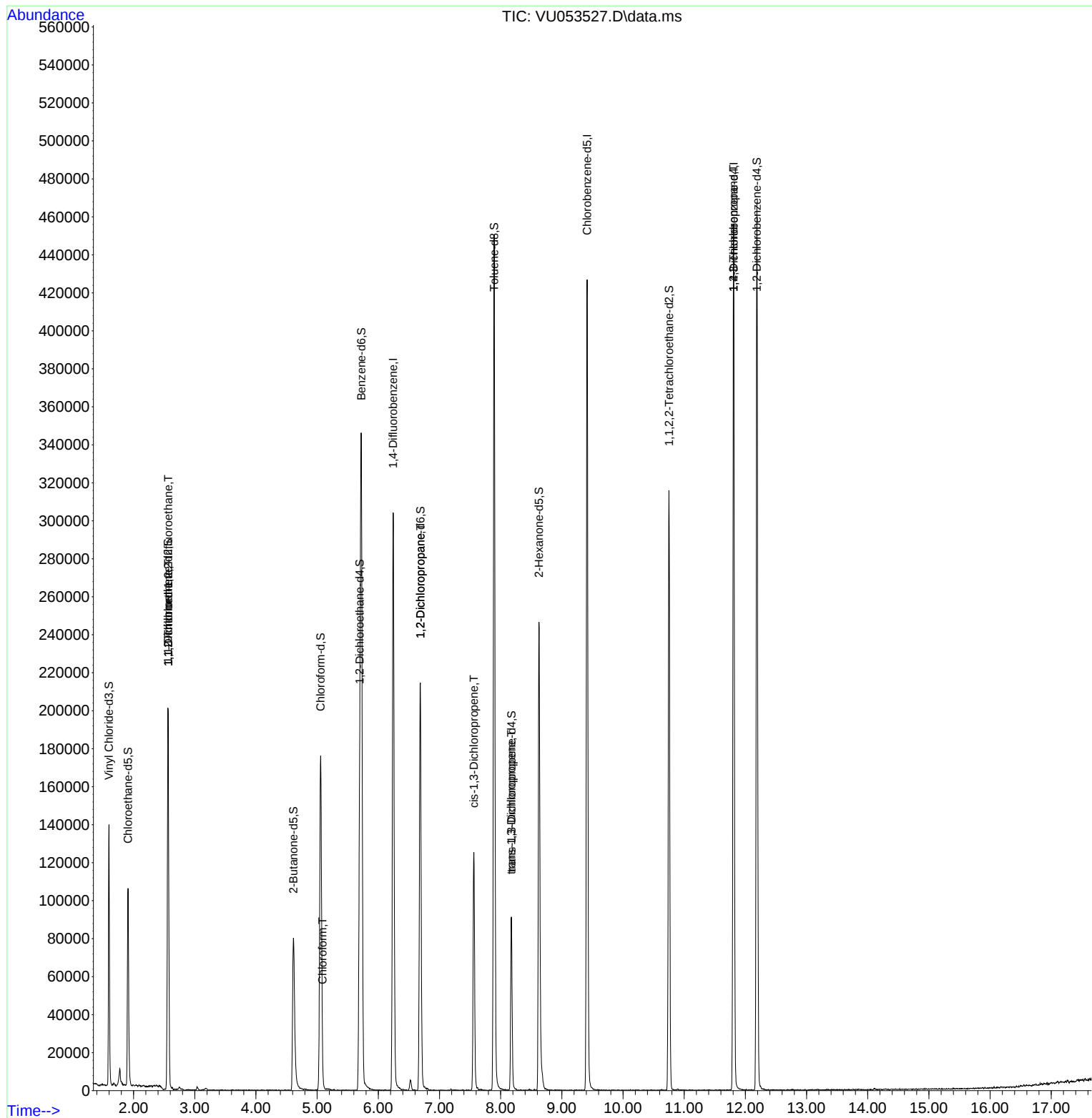
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	261007	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	247007	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	124474	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	95982	47.227	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.460%
7) Chloroethane-d5	1.909	69	81126	51.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.540%
11) 1,1-Dichloroethene-d2	2.562	63	113158	35.969	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.940%
21) 2-Butanone-d5	4.613	46	115363	125.372	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.370%
24) Chloroform-d	5.057	84	162077	48.221	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.440%
26) 1,2-Dichloroethane-d4	5.697	65	105368	53.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.100%
32) Benzene-d6	5.722	84	334844	50.221	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
36) 1,2-Dichloropropane-d6	6.687	67	104735	51.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.780%
41) Toluene-d8	7.893	98	314652	47.482	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
43) trans-1,3-Dichloroprop...	8.176	79	51886	49.323	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.640%
47) 2-Hexanone-d5	8.626	63	89611	128.841	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.840%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	150947	52.552	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.100%
66) 1,2-Dichlorobenzene-d4	12.188	152	125435	48.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.560%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1173	0.653	ug/L #	17
12) 1,1-Dichloroethene	2.565	96	996	0.622	ug/L #	1
25) Chloroform	5.086	83	2148	0.702	ug/L	86
37) 1,2-Dichloropropane	6.687	63	10901	6.671	ug/L #	86
39) cis-1,3-Dichloropropene	7.562	75	3476	1.302	ug/L	85
44) trans-1,3-Dichloropropene	8.172	75	2121	0.840	ug/L	96
60) 1,2,3-Trichloropropane	11.806	75	14316	7.932	ug/L #	64

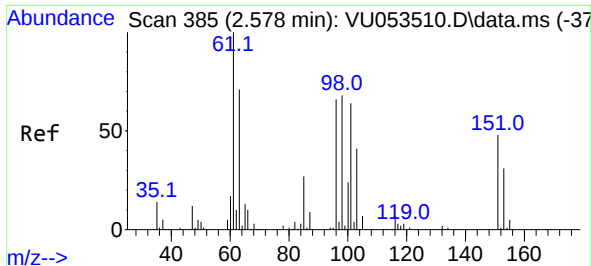
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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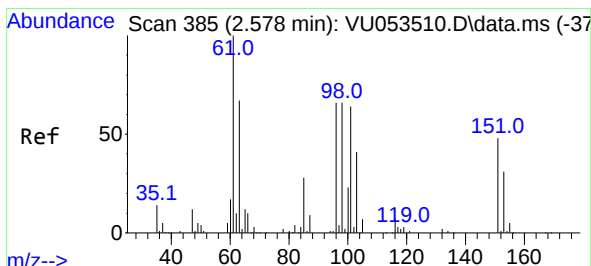
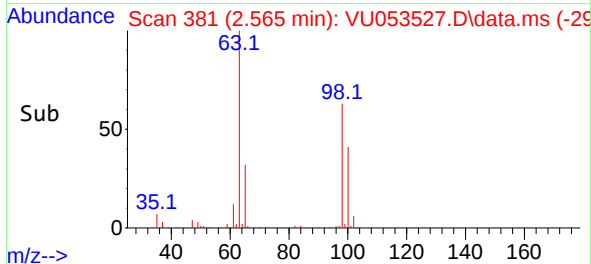
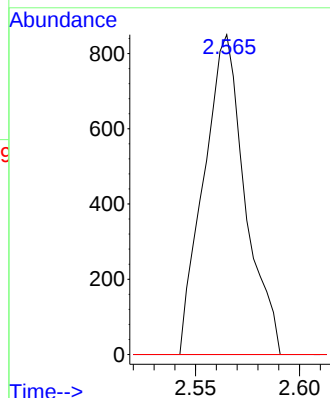
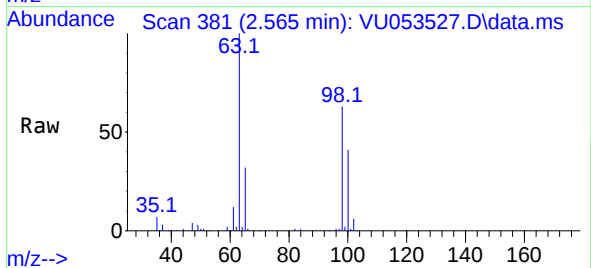




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.653 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU053527.D
Acq: 03 Apr 2023 18:01

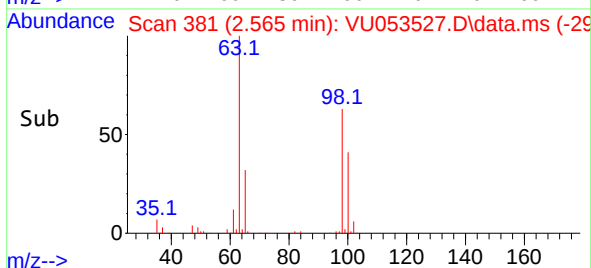
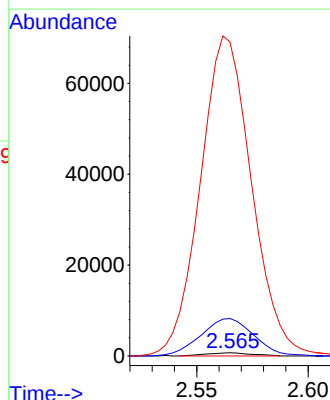
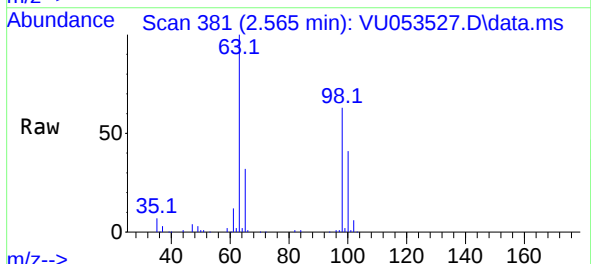
Instrument :
MSVOA_U
ClientSampleId :
TB(20230330)

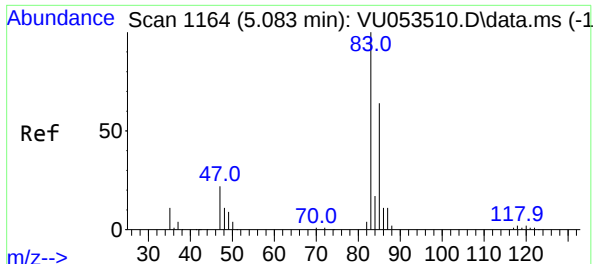
Tgt Ion:101 Resp: 1173
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 65.8 98.6#



#12
1,1-Dichloroethene
Concen: 0.622 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU053527.D
Acq: 03 Apr 2023 18:01

Tgt Ion: 96 Resp: 996
Ion Ratio Lower Upper
96 100
61 1171.7 107.9 200.5#
63 9819.3 79.1 146.9#

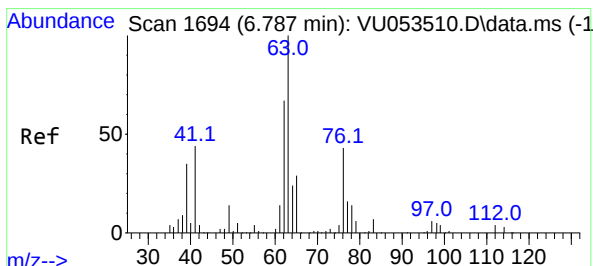
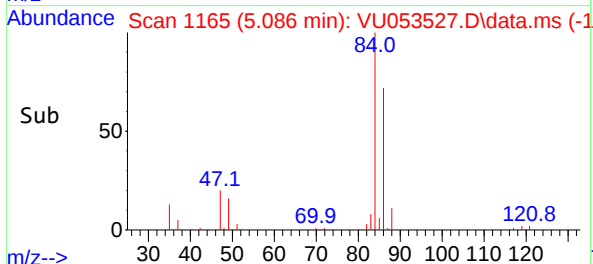
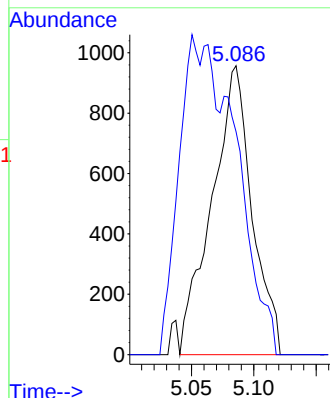
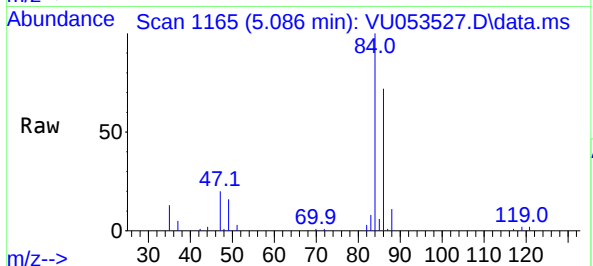




#25
Chloroform
Concen: 0.702 ug/L
RT: 5.086 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VU053527.D
Acq: 03 Apr 2023 18:01

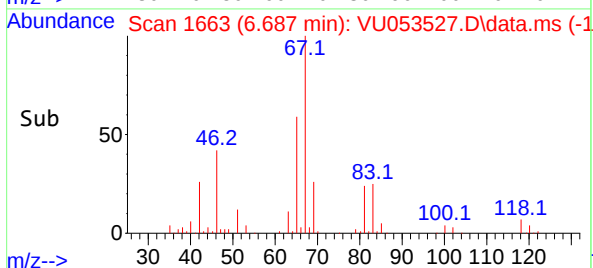
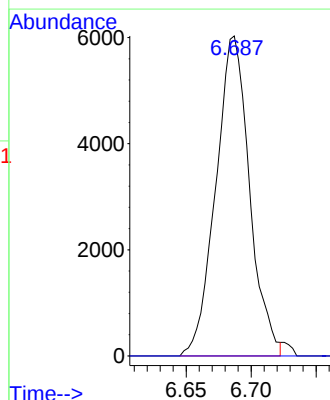
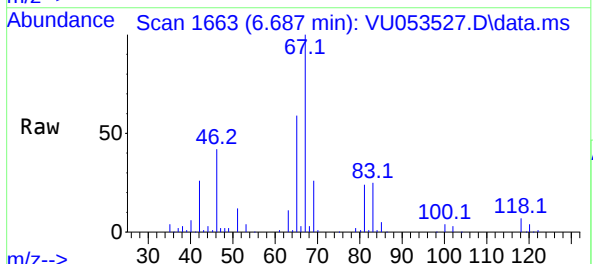
Instrument :
MSVOA_U
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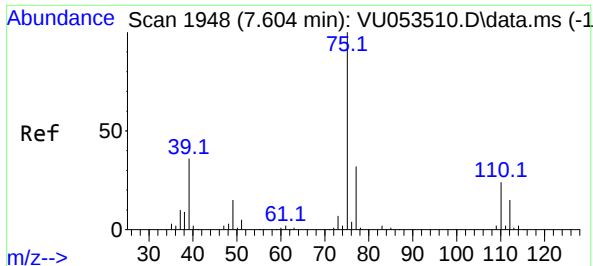
Tgt Ion: 83 Resp: 2148
Ion Ratio Lower Upper
83 100
85 77.2 46.1 85.5



#37
1,2-Dichloropropane
Concen: 6.671 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.097 min
Lab File: VU053527.D
Acq: 03 Apr 2023 18:01

Tgt Ion: 63 Resp: 10901
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#

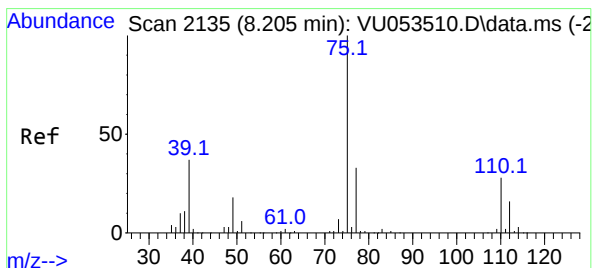
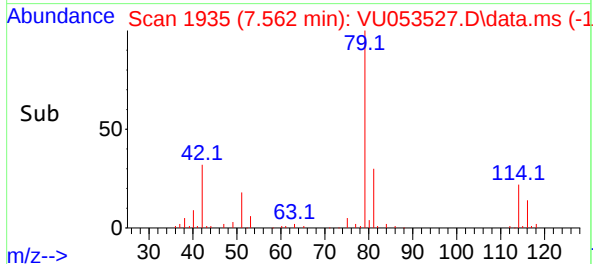
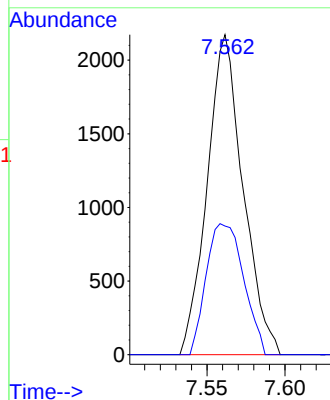
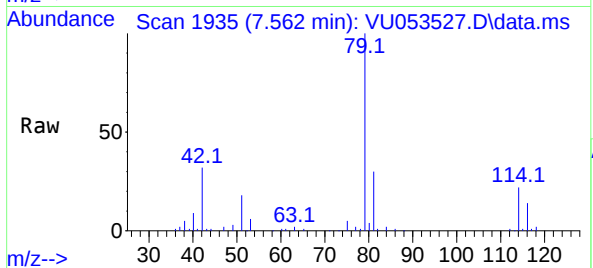




#39
cis-1,3-Dichloropropene
Concen: 1.302 ug/L
RT: 7.562 min Scan# 1948
Delta R.T. -0.039 min
Lab File: VU053527.D
Acq: 03 Apr 2023 18:01

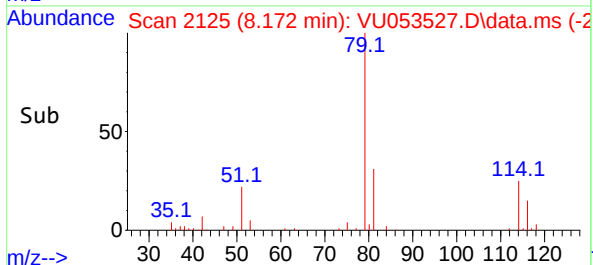
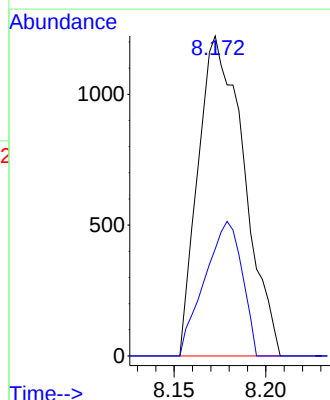
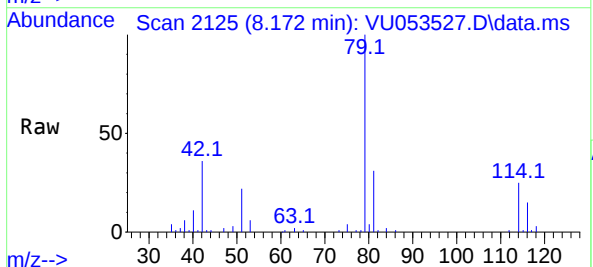
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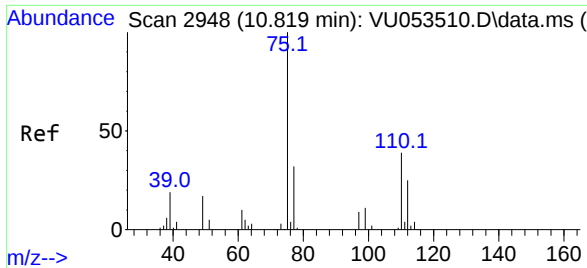
Tgt Ion: 75 Resp: 3476
Ion Ratio Lower Upper
75 100
77 40.2 22.5 41.7



#44
trans-1,3-Dichloropropene
Concen: 0.840 ug/L
RT: 8.172 min Scan# 2125
Delta R.T. -0.032 min
Lab File: VU053527.D
Acq: 03 Apr 2023 18:01

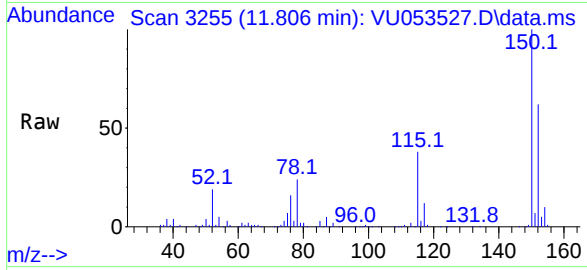
Tgt Ion: 75 Resp: 2121
Ion Ratio Lower Upper
75 100
77 33.4 21.8 40.4





#60
 1,2,3-Trichloropropane
 Concen: 7.932 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU053527.D
 Acq: 03 Apr 2023 18:01

Instrument :
 MSVOA_U
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Tgt Ion: 75 Resp: 14316

Ion	Ratio	Lower	Upper
75	100		
77	34.4	26.0	39.0
110	2.0	32.6	48.8#

