

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061323\
 Data File : VU054502.D
 Acq On : 13 Jun 2023 11:39
 Operator : MD/SY
 Sample : 03104-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONMODL

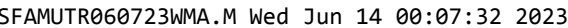
Quant Time: Jun 14 00:07:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

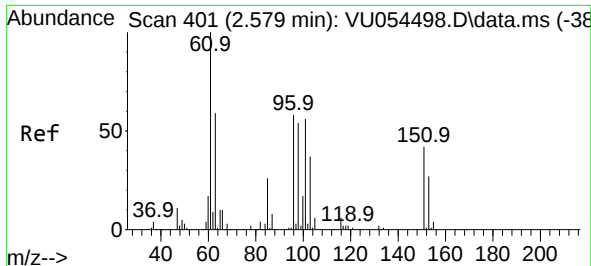
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	284464	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	276251	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	81063	4.478	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.600%	
7) Chloroethane-d5	1.914	69	90014	5.311	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	106.200%	
11) 1,1-Dichloroethene-d2	2.563	65	37957	4.694	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.800%	
20) 2-Butanone-d5	4.634	46	251626	49.436	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.880%	
24) Chloroform-d	5.058	84	186674	4.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.698	65	93381	5.062	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.724	84	377575	4.917	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
36) 1,2-Dichloropropane-d6	6.685	67	127687	4.979	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.894	98	310262	4.552	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.000%	
43) trans-1,3-Dichloroprop...	8.177	79	38153	4.278	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.600%	
46) 2-Hexanone-d5	8.631	63	160709	42.953	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	85.900%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	89965	4.704	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	110729	4.971	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	2311	0.112	ug/L #	1
19) 1,1-Dichloroethane	3.866	63	7749	0.176	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	327570	8.745	ug/L	99
31) Carbon tetrachloride	5.312	117	42690	1.323	ug/L	100
34) Trichloroethene	6.537	95	210349	8.012	ug/L	97
35) Methylcyclohexane	6.689	83	28515	0.719	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	13582	0.506	ug/L #	89
48) 2-Hexanone	8.679	43	14496	1.358	ug/L #	91
61) 1,2,3-Trichloropropane	11.807	75	17228	1.291	ug/L #	70

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

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QLast Update : Wed Jun 14 00:05:43 2023
Response via : Initial Calibration

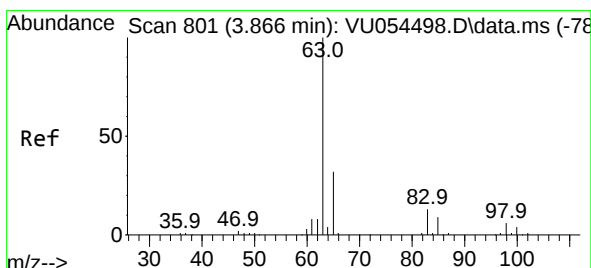
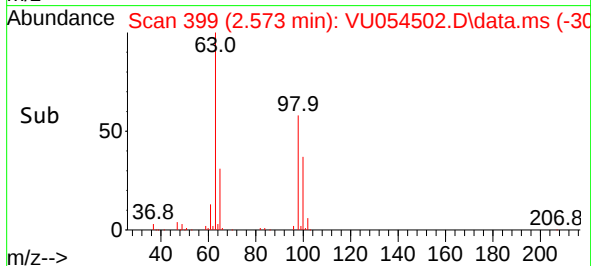
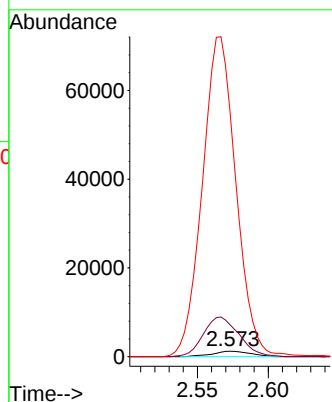
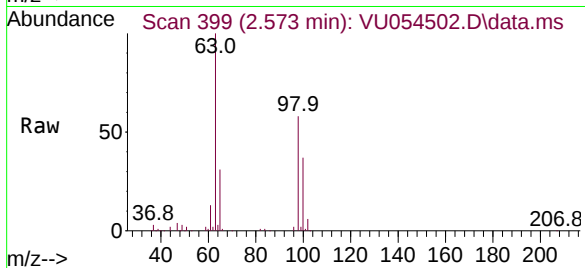




#12
1,1-Dichloroethene
Concen: 0.112 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU054502.D
Acq: 13 Jun 2023 11:39

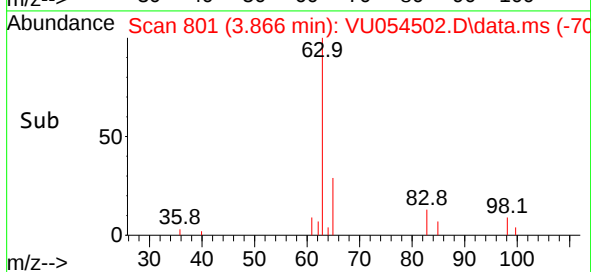
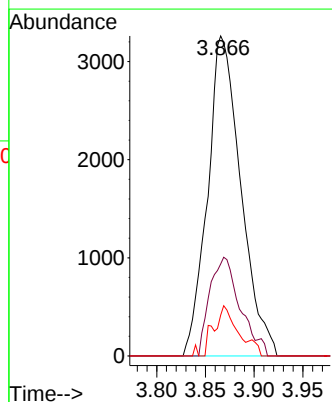
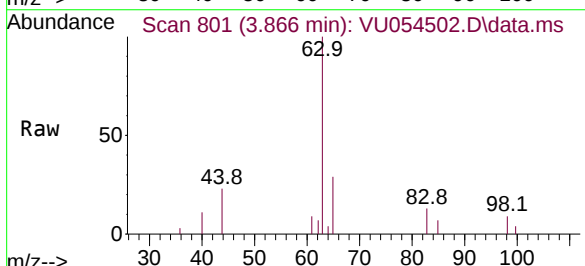
Instrument :
MSVOA_U
ClientSampleId :
CONMODL

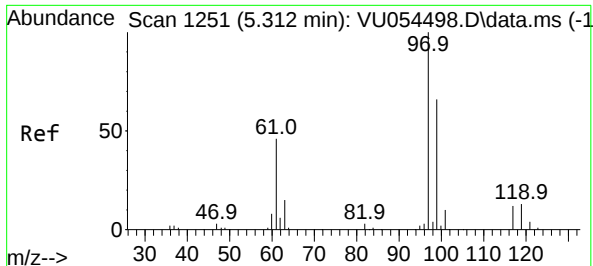
Tgt Ion: 96 Resp: 2311
Ion Ratio Lower Upper
96 100
61 580.3 119.9 222.7#
63 4449.5 64.3 119.3#



#19
1,1-Dichloroethane
Concen: 0.176 ug/L
RT: 3.866 min Scan# 801
Delta R.T. 0.000 min
Lab File: VU054502.D
Acq: 13 Jun 2023 11:39

Tgt Ion: 63 Resp: 7749
Ion Ratio Lower Upper
63 100
65 28.8 22.2 41.2
83 12.7 9.0 16.6

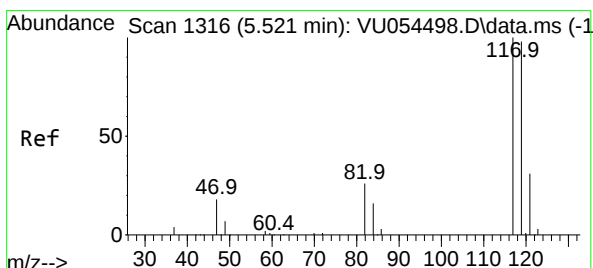
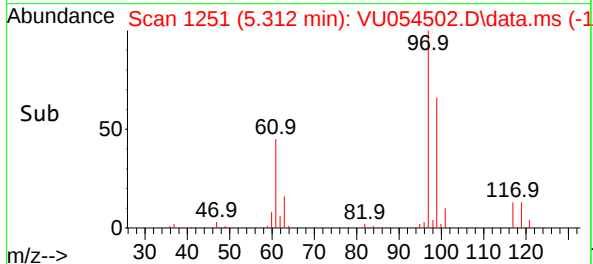
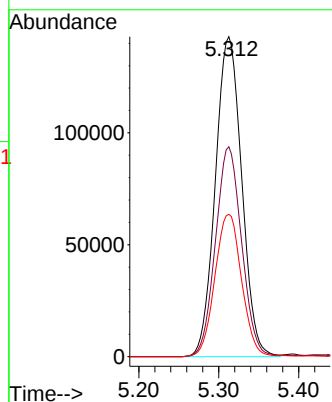
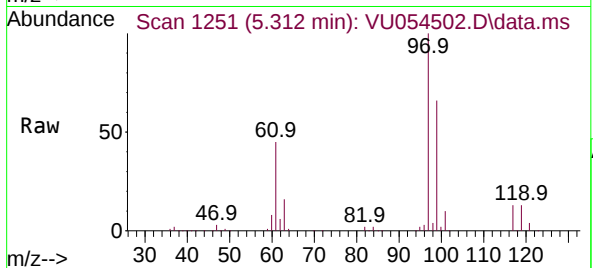




#29
1,1,1-Trichloroethane
Concen: 8.745 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054502.D
Acq: 13 Jun 2023 11:39

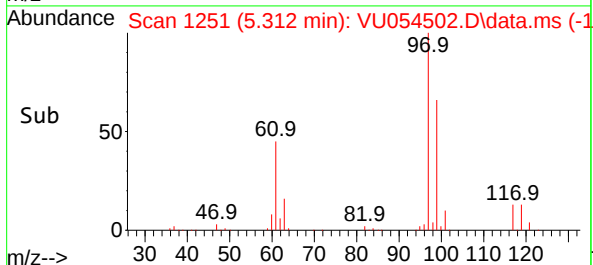
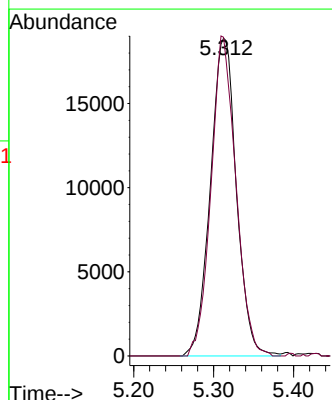
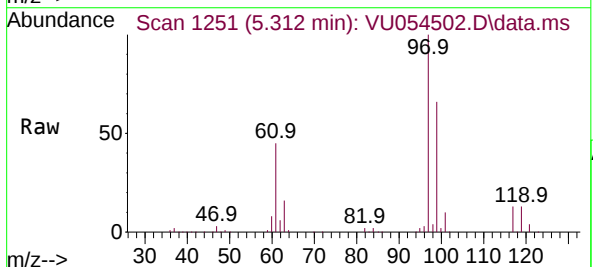
Instrument :
MSVOA_U
ClientSampleId :
CONMODL

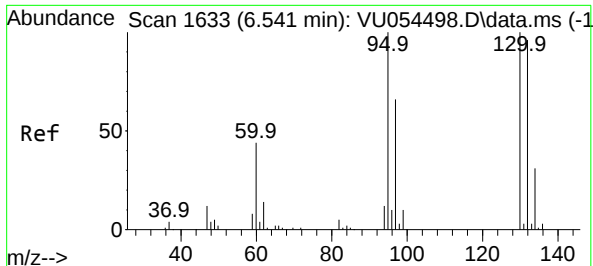
Tgt Ion: 97 Resp: 327570
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 44.9 36.1 54.1



#31
Carbon tetrachloride
Concen: 1.323 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.209 min
Lab File: VU054502.D
Acq: 13 Jun 2023 11:39

Tgt Ion: 117 Resp: 42690
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2

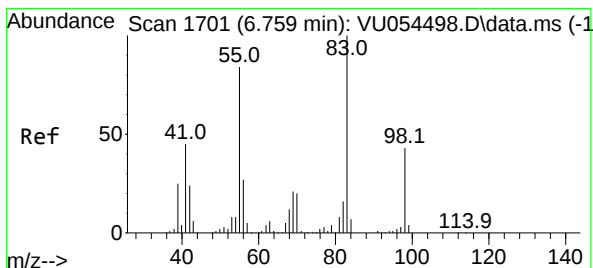
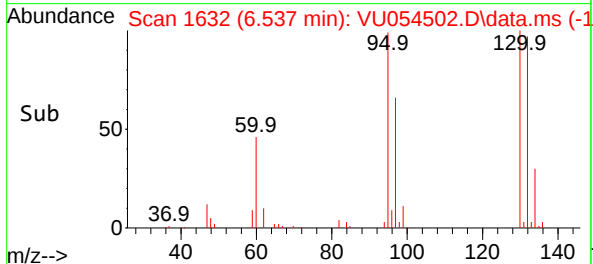
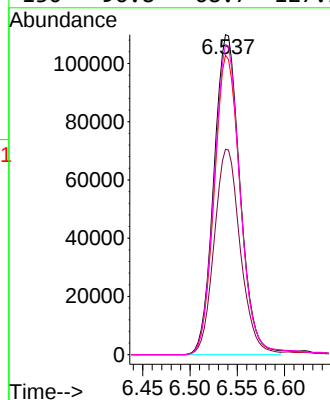
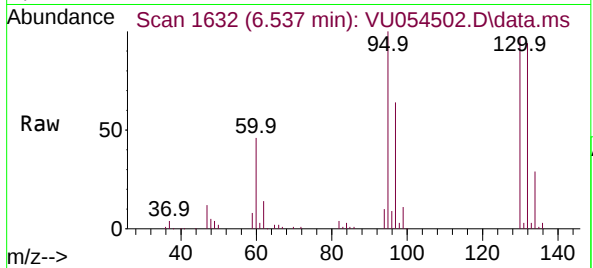




#34
Trichloroethene
Concen: 8.012 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054502.D
Acq: 13 Jun 2023 11:39

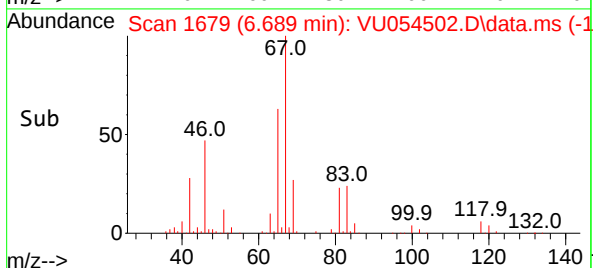
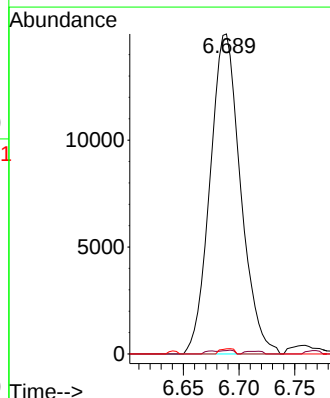
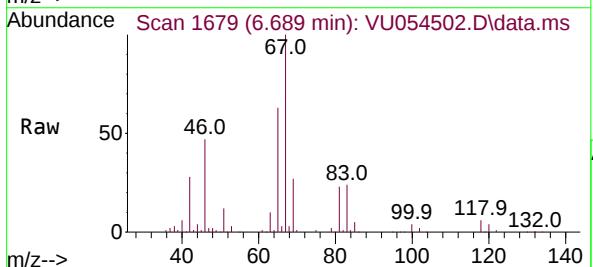
Instrument :
MSVOA_U
ClientSampleId :
CONMODL

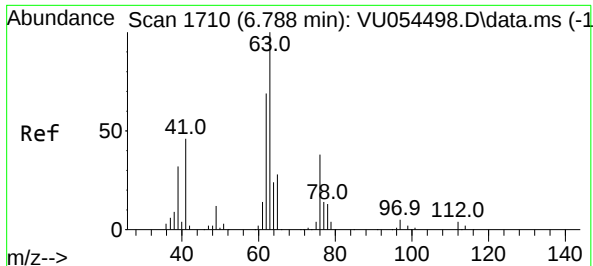
Tgt Ion: 95 Resp: 210349
Ion Ratio Lower Upper
95 100
97 64.2 46.8 87.0
132 93.6 68.4 127.0
130 96.8 68.7 127.5



#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054502.D
Acq: 13 Jun 2023 11:39

Tgt Ion: 83 Resp: 28515
Ion Ratio Lower Upper
83 100
55 0.5 67.1 100.7#
98 0.8 35.1 52.7#

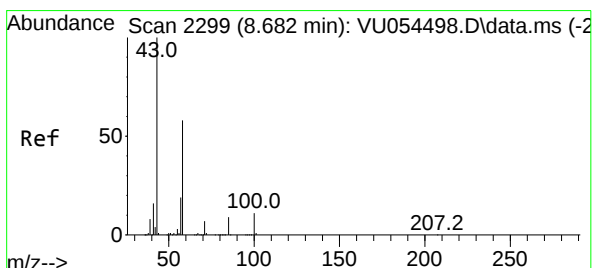
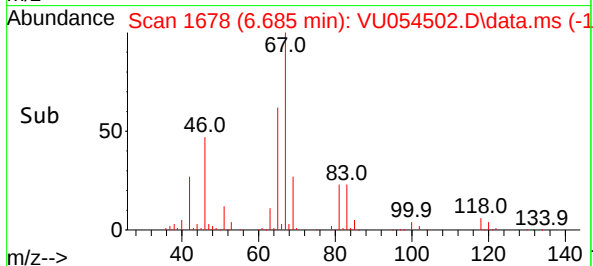
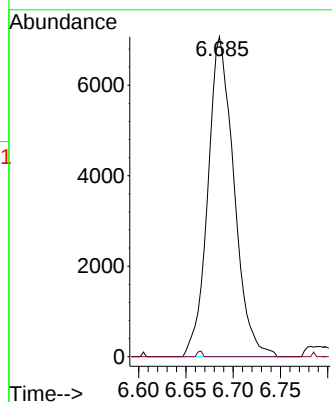
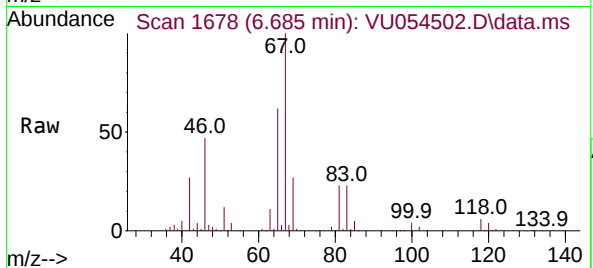




#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU054502.D
Acq: 13 Jun 2023 11:39

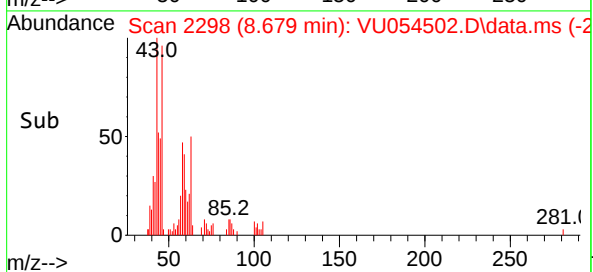
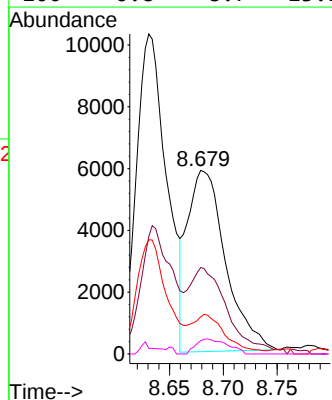
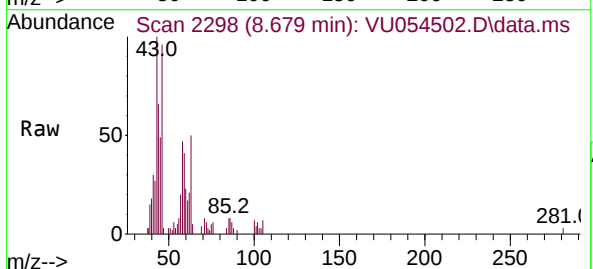
Instrument :
MSVOA_U
ClientSampleId :
CONMODL

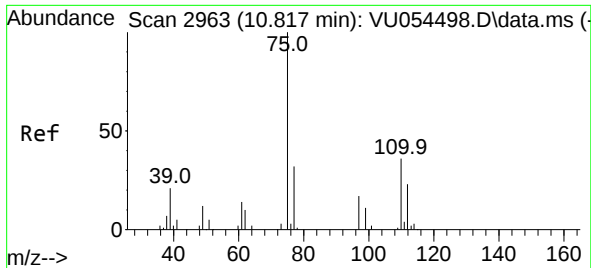
Tgt Ion: 63 Resp: 13582
Ion Ratio Lower Upper
63 100
112 0.3 3.0 4.6#



#48
2-Hexanone
Concen: 1.358 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.003 min
Lab File: VU054502.D
Acq: 13 Jun 2023 11:39

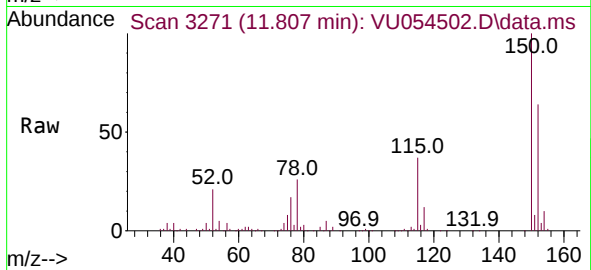
Tgt Ion: 43 Resp: 14496
Ion Ratio Lower Upper
43 100
58 48.0 45.2 67.8
57 19.0 15.8 23.6
100 6.8 8.7 13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.291 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054502.D
 Acq: 13 Jun 2023 11:39

Instrument :
 MSVOA_U
 ClientSampleId :
 CONM0DL



Tgt Ion: 75 Resp: 17228
 Ion Ratio Lower Upper
 75 100
 110 2.2 28.0 42.0#
 77 32.0 25.4 38.2

