

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049810.D
 Acq On : 20 Jul 2022 18:01
 Operator : SY/MD
 Sample : N3743-15ME
 Misc : 6.32g/5.0mL/100ul/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

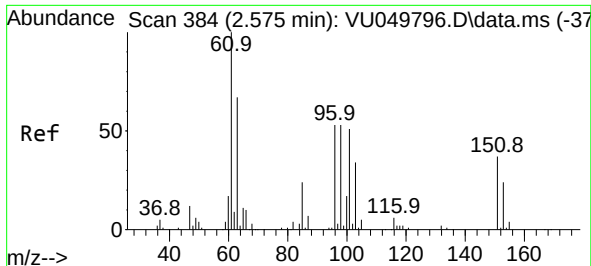
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D13ME

Quant Time: Jul 21 04:25:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	193073	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	184868	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	83651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	28466	17.474	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	34.940%#		
7) Chloroethane-d5	1.867	69	20047	17.025	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	34.040%#		
11) 1,1-Dichloroethene-d2	2.514	63	64774	22.510	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	45.020%#		
21) 2-Butanone-d5	4.642	46	122121	87.815	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.820%		
24) Chloroform-d	5.060	84	104931	36.367	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	72.740%		
26) 1,2-Dichloroethane-d4	5.700	65	77928	39.906	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.820%		
32) Benzene-d6	5.716	84	195037	34.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.460%#		
36) 1,2-Dichloropropane-d6	6.687	67	70585	37.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	74.740%		
41) Toluene-d8	7.896	98	159604	32.633	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	65.260%#		
43) trans-1,3-Dichloroprop...	8.182	79	28410	35.695	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.400%		
47) 2-Hexanone-d5	8.652	63	73960	87.037	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.040%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	109620	41.472	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.940%		
66) 1,2-Dichlorobenzene-d4	12.198	152	59037	37.432	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.860%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.517	96	462	0.335	ug/L #	1
20) cis-1,2-Dichloroethene	4.655	96	3674	2.165	ug/L	70
27) 1,2-Dichloroethane	5.710	62	1224	0.456	ug/L #	76
35) Methylcyclohexane	6.687	83	16170	6.126	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	8136	4.224	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1774	0.683	ug/L #	46
46) Tetrachloroethene	8.552	164	9959	8.549	ug/L	87
49) Dibromochloromethane	8.552	129	9324	5.514	ug/L #	9
60) 1,2,3-Trichloropropane	11.815	75	11414	5.123	ug/L #	68

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



#12

1,1-Dichloroethene

Concen: 0.335 ug/L

RT: 2.517 min Scan# 30

Delta R.T. -0.058 min

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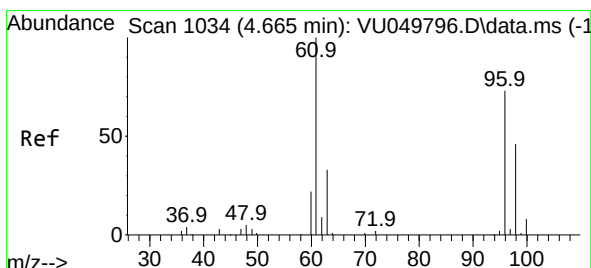
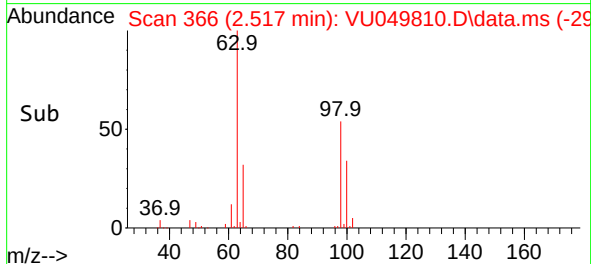
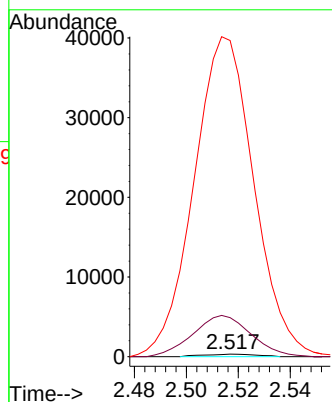
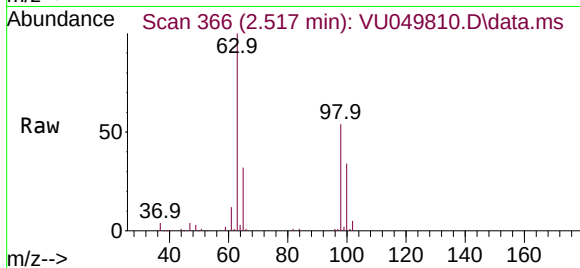
Tgt Ion: 96 Resp: 462

Ion Ratio Lower Upper

96 100

61 1546.7 129.6 240.6#

63 12517.4 79.0 146.6#



#20

cis-1,2-Dichloroethene

Concen: 2.165 ug/L

RT: 4.655 min Scan# 1031

Delta R.T. -0.010 min

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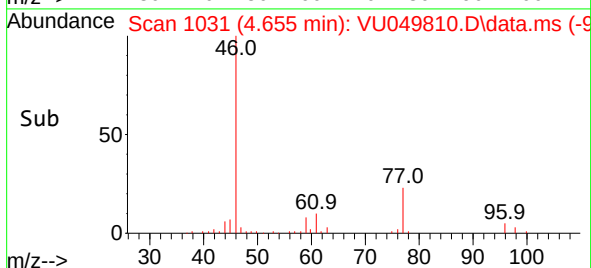
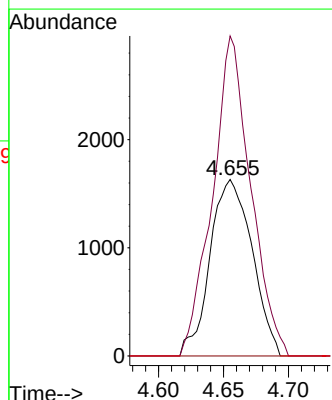
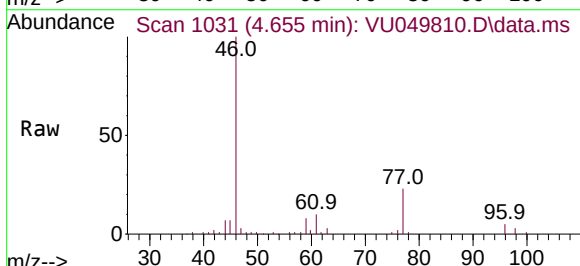
Tgt Ion: 96 Resp: 3674

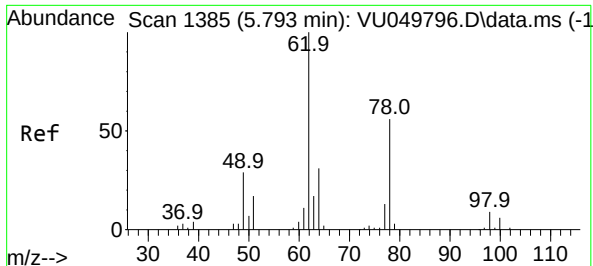
Ion Ratio Lower Upper

96 100

61 181.3 101.1 187.7

68 0.0 0.0 0.0

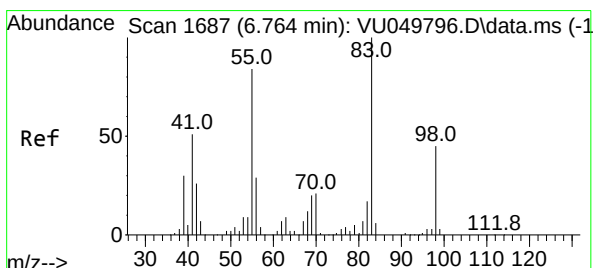
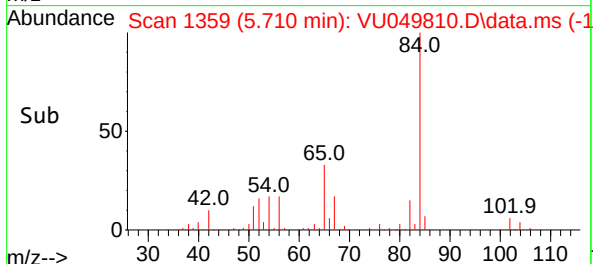
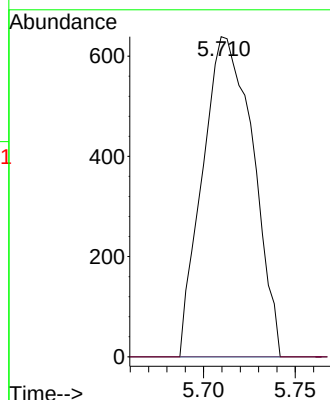
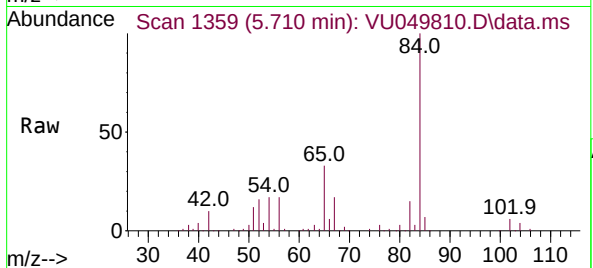




#27
1,2-Dichloroethane
Concen: 0.456 ug/L
RT: 5.710 min Scan# 11
Delta R.T. -0.084 min
Lab File: VU049810.D
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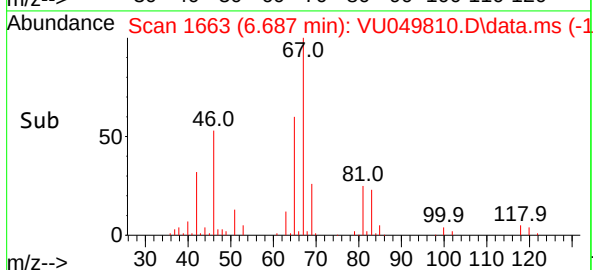
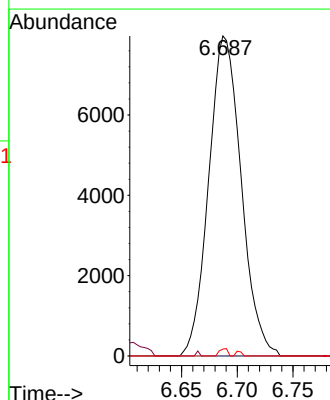
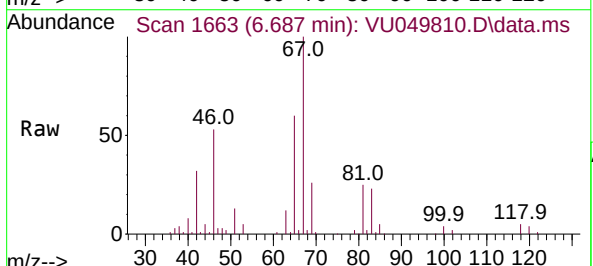
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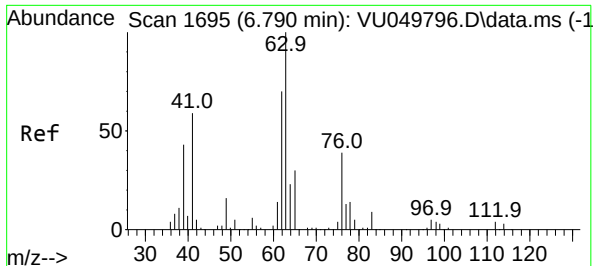
Tgt Ion: 62 Resp: 1224
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#35
Methylcyclohexane
Concen: 6.126 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU049810.D
Acq: 20 Jul 2022 18:01

Tgt Ion: 83 Resp: 16170
Ion Ratio Lower Upper
83 100
55 2.4 66.0 99.0#
98 0.6 34.6 51.8#





#37

1,2-Dichloropropane

Concen: 4.224 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049810.D

Acq: 20 Jul 2022 18:01

Instrument :

MSVOA_U

ClientSampleId :

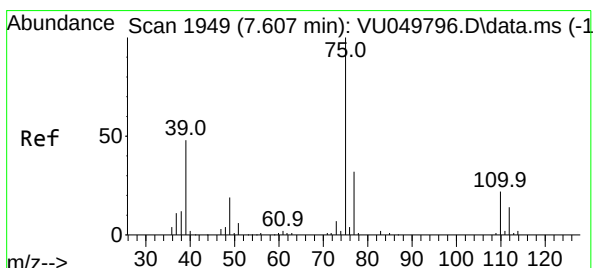
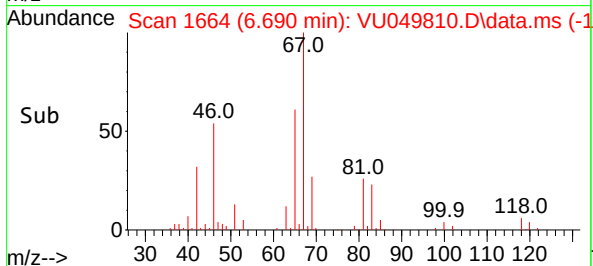
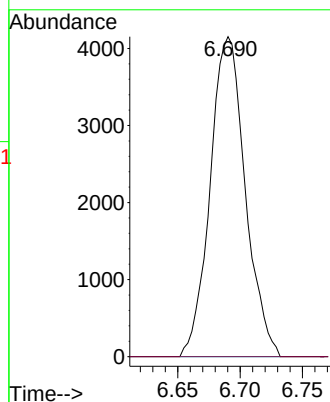
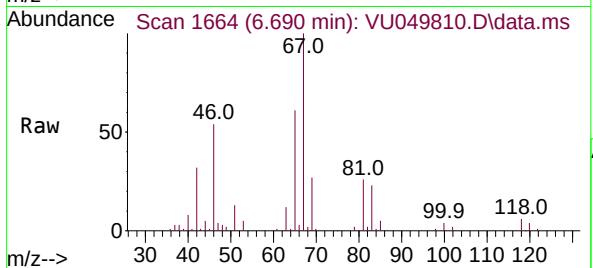
F5D13ME

Tgt Ion: 63 Resp: 8136

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.683 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049810.D

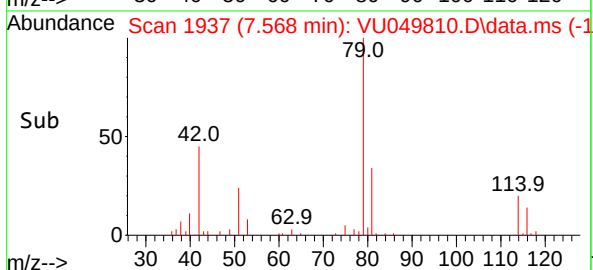
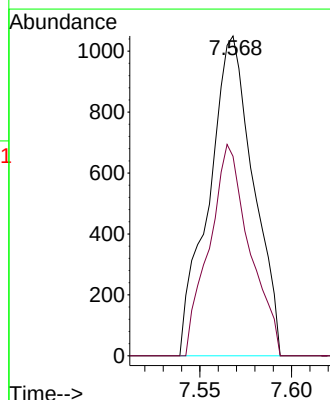
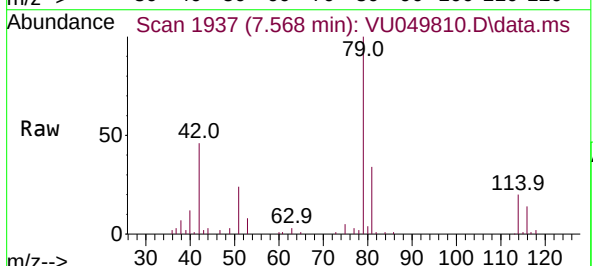
Acq: 20 Jul 2022 18:01

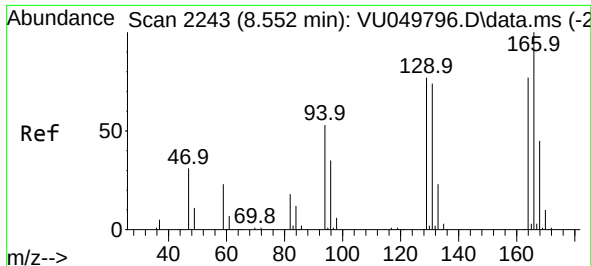
Tgt Ion: 75 Resp: 1774

Ion Ratio Lower Upper

75 100

77 62.4 22.6 42.0#

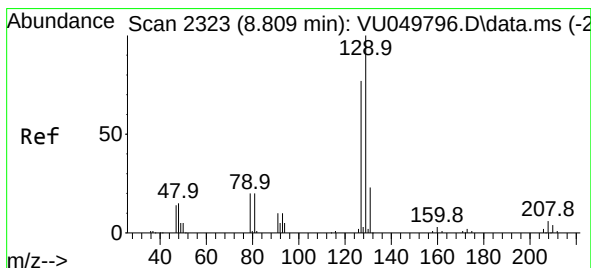
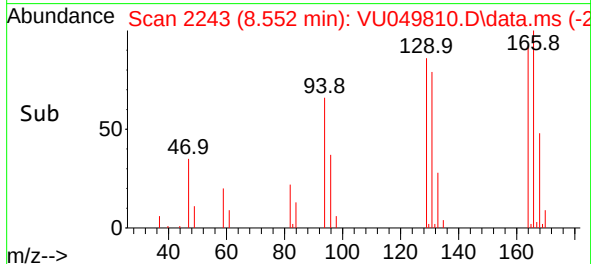
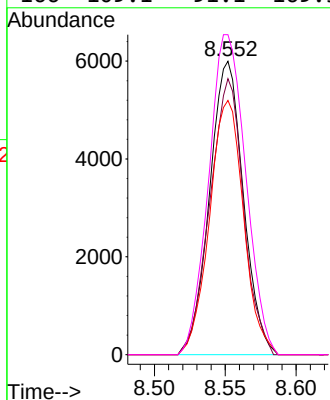
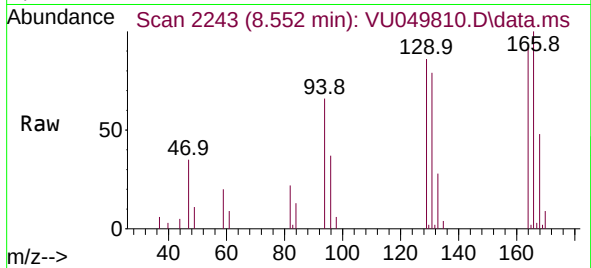




#46
Tetrachloroethene
Concen: 8.549 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049810.D
Acq: 20 Jul 2022 18:01

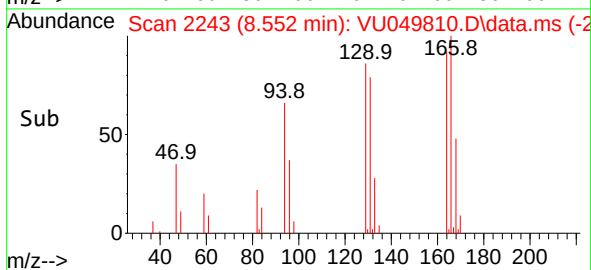
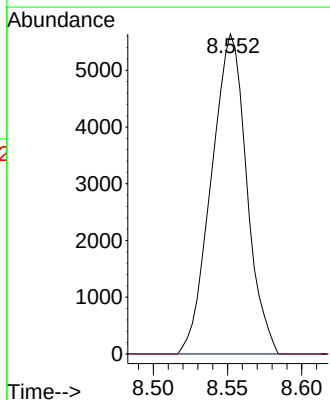
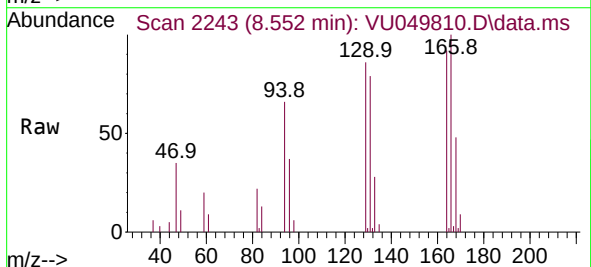
Instrument :
MSVOA_U
ClientSampleId :
F5D13ME

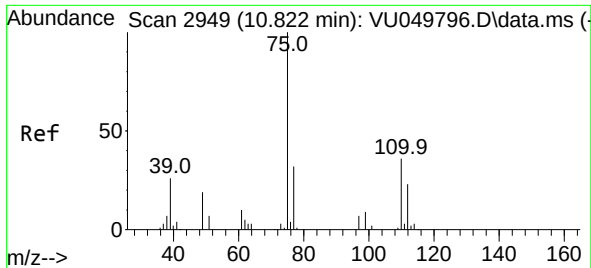
Tgt Ion:164 Resp: 9959
Ion Ratio Lower Upper
164 100
129 96.3 72.0 133.8
131 86.6 69.0 128.1
166 109.1 91.1 169.3



#49
Dibromochloromethane
Concen: 5.514 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU049810.D
Acq: 20 Jul 2022 18:01

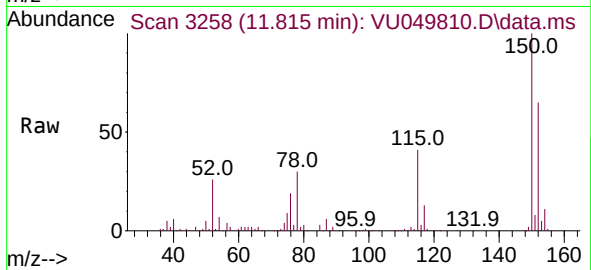
Tgt Ion:129 Resp: 9324
Ion Ratio Lower Upper
129 100
127 0.0 56.9 105.7#





#60
 1,2,3-Trichloropropane
 Concen: 5.123 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU049810.D
 Acq: 20 Jul 2022 18:01

Instrument :
 MSVOA_U
 ClientSampleId :
 F5D13ME



Tgt Ion:	75	Resp:	11414
Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.5	38.3
110	1.9	28.9	43.3#

