

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060189.D
 Acq On : 25 Jul 2024 22:16
 Operator : MD/SY
 Sample : P3335-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 02:45:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 02:39:04 2024
 Response via : Initial Calibration

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

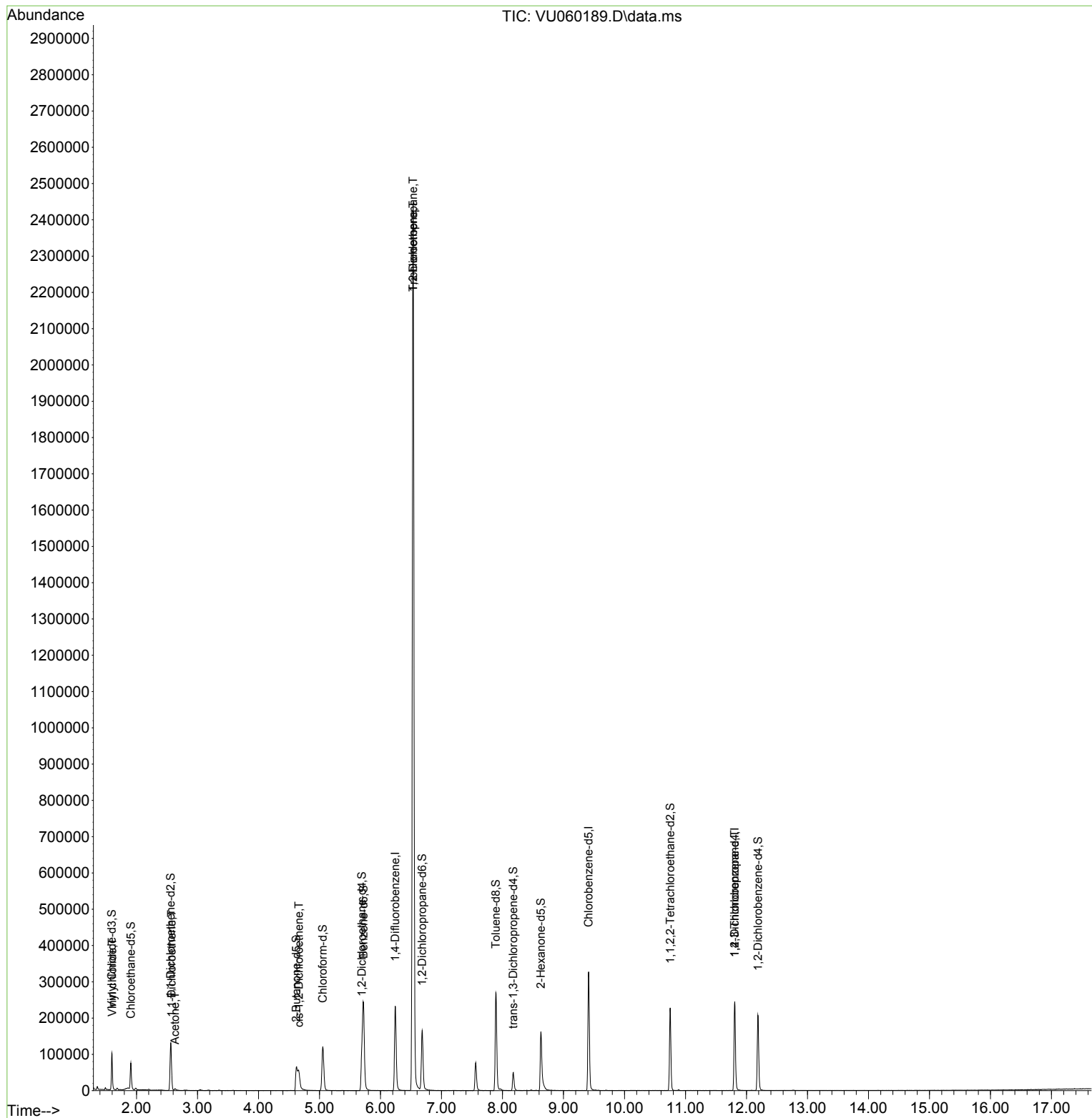
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	195411	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	193961	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70199	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	68681	54.740	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 109.480%		
7) Chloroethane-d5	1.907	69	56897	53.913	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 107.820%		
11) 1,1-Dichloroethene-d2	2.560	63	80528	36.127	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 72.260%		
21) 2-Butanone-d5	4.621	46	102025	117.008	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 117.010%		
24) Chloroform-d	5.052	84	119855	49.329	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 98.660%		
26) 1,2-Dichloroethane-d4	5.695	65	75618	52.343	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 104.680%		
32) Benzene-d6	5.721	84	237412	47.800	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 95.600%		
36) 1,2-Dichloropropane-d6	6.682	67	85427	55.573	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 111.140%		
41) Toluene-d8	7.891	98	190968	40.431	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 80.860%		
43) trans-1,3-Dichloroprop...	8.174	79	31100	43.235	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 86.480%		
47) 2-Hexanone-d5	8.627	63	55350	85.438	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 85.440%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	119647	50.710	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 101.420%		
66) 1,2-Dichlorobenzene-d4	12.187	152	58993	45.732	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 91.460%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2770	1.981	ug/L #	65
12) 1,1-Dichloroethene	2.573	96	3826	3.302	ug/L #	1
13) Acetone	2.631	43	6381	7.107	ug/L	98
20) cis-1,2-Dichloroethene	4.663	96	23053	15.960	ug/L	98
34) Trichloroethene	6.534	95	879609	629.315	ug/L	94
37) 1,2-Dichloropropane	6.534	63	3038	2.107	ug/L	99
60) 1,2,3-Trichloropropane	11.807	75	8210	6.162	ug/L #	65

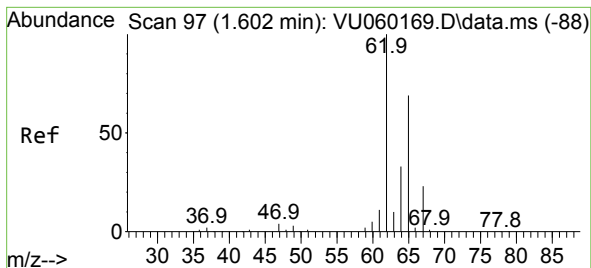
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 26 02:39:04 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.981 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

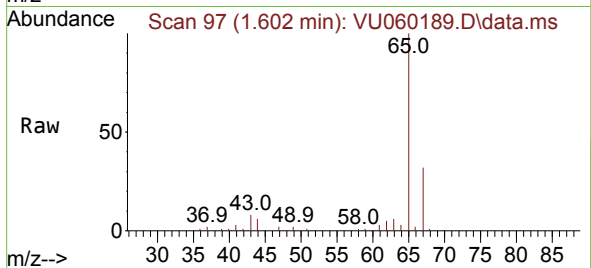
Lab File: VU060189.D

Acq: 25 Jul 2024 22:16

Instrument :

MSVOA_U

ClientSampleId :

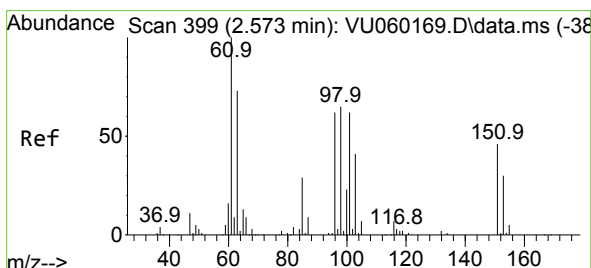
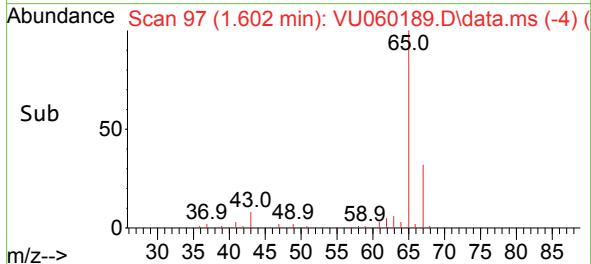
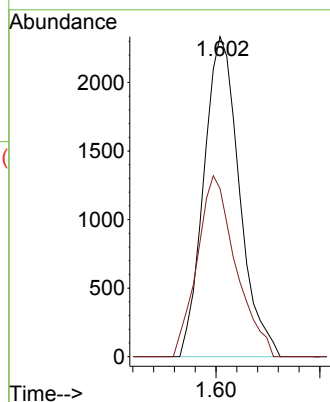


Tgt Ion: 62 Resp: 2770

Ion Ratio Lower Upper

62 100

64 52.6 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 3.302 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU060189.D

Acq: 25 Jul 2024 22:16

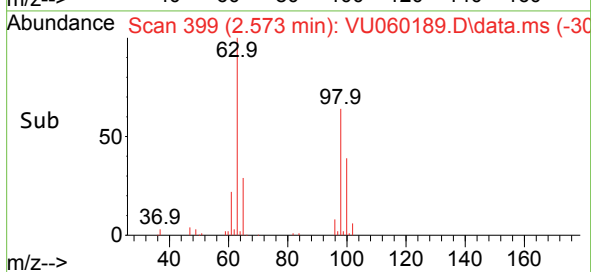
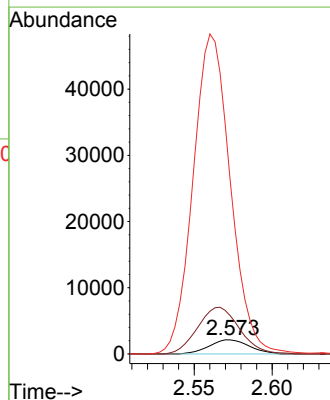
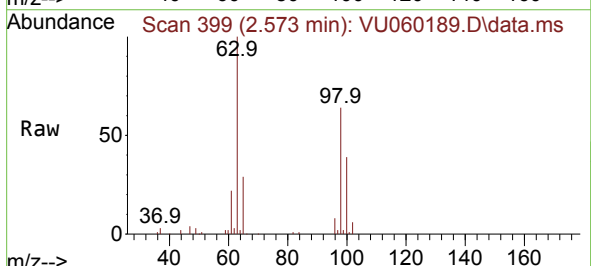
Tgt Ion: 96 Resp: 3826

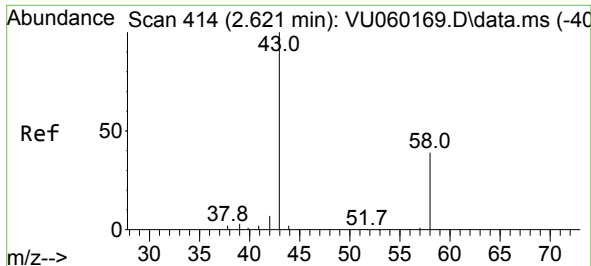
Ion Ratio Lower Upper

96 100

61 274.5 112.2 208.4#

63 1250.3 87.4 162.2#





#13

Acetone

Concen: 7.107 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU060189.D

Acq: 25 Jul 2024 22:16

Instrument :

MSVOA_U

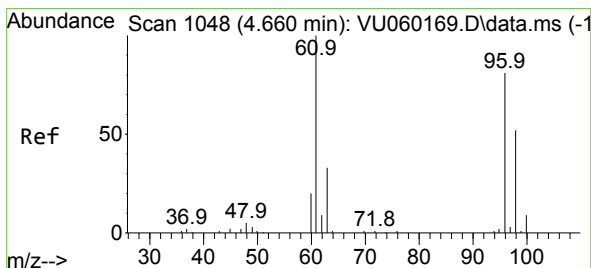
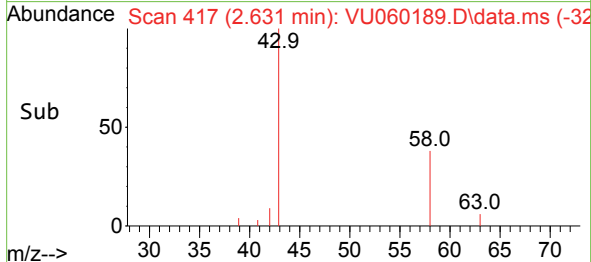
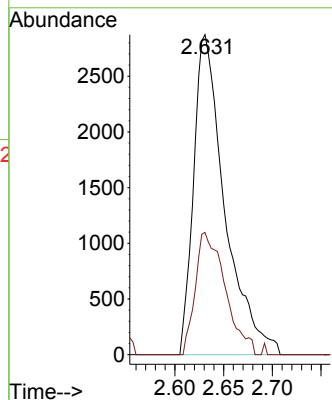
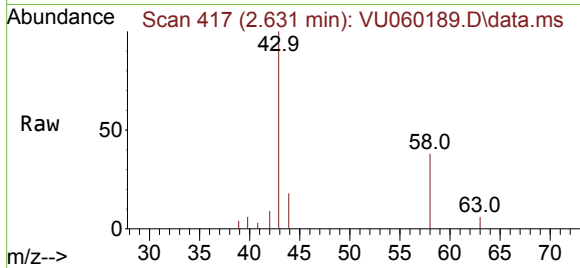
ClientSampleId :

Tgt Ion: 43 Resp: 6381

Ion Ratio Lower Upper

43 100

58 35.9 0.0 73.8



#20

cis-1,2-Dichloroethene

Concen: 15.960 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU060189.D

Acq: 25 Jul 2024 22:16

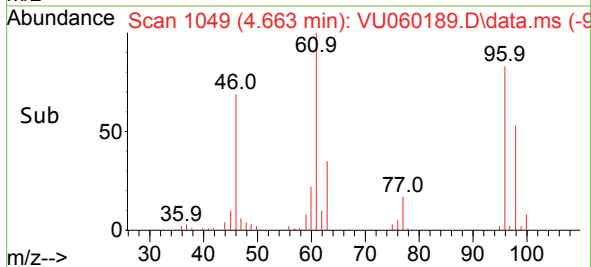
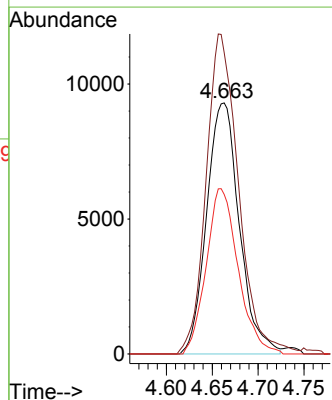
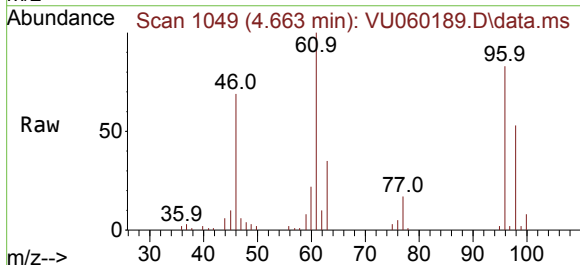
Tgt Ion: 96 Resp: 23053

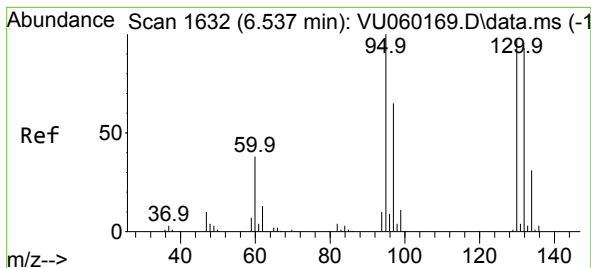
Ion Ratio Lower Upper

96 100

61 120.0 83.2 154.4

98 63.5 45.9 85.3





#34

Trichloroethene

Concen: 629.315 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060189.D

Acq: 25 Jul 2024 22:16

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 879609

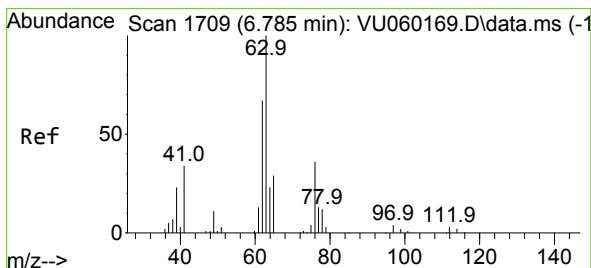
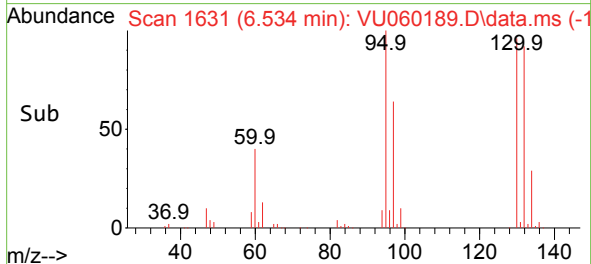
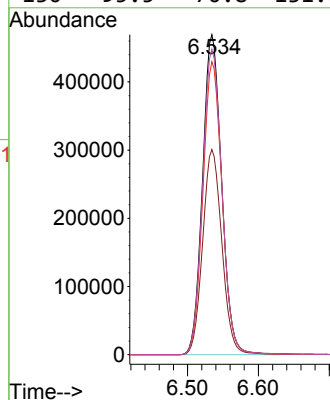
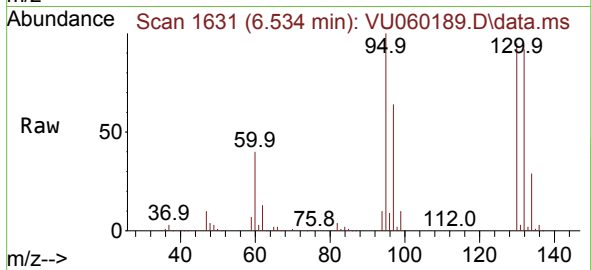
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.2

132 91.5 69.8 129.6

130 95.5 70.8 131.6



#37

1,2-Dichloropropane

Concen: 2.107 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.251 min

Lab File: VU060189.D

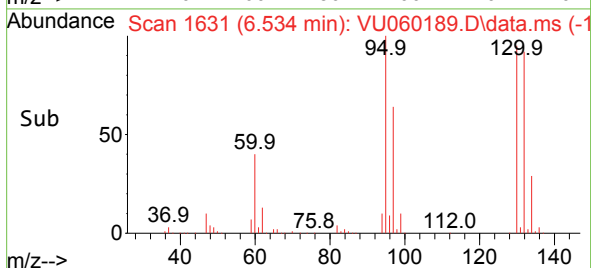
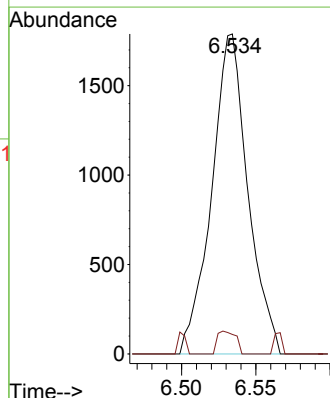
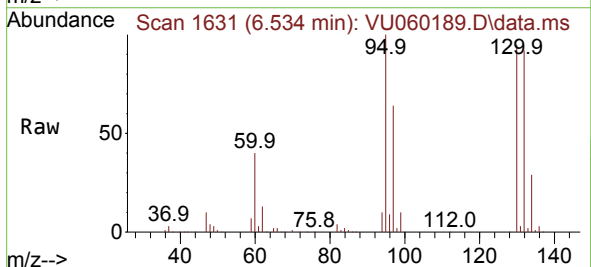
Acq: 25 Jul 2024 22:16

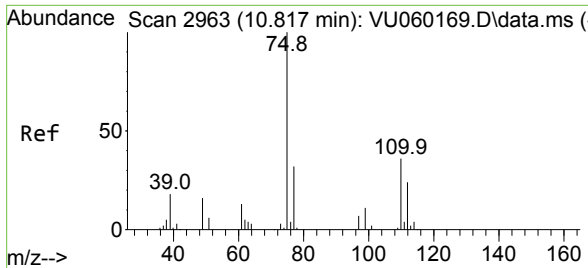
Tgt Ion: 63 Resp: 3038

Ion Ratio Lower Upper

63 100

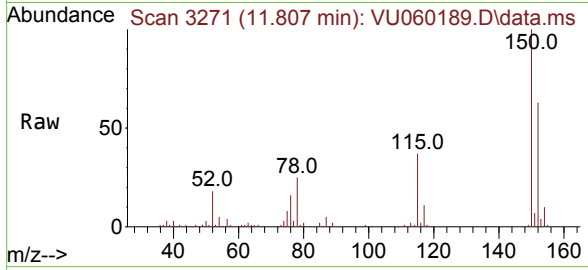
112 3.6 3.0 4.6





#60
1,2,3-Trichloropropane
Concen: 6.162 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU060189.D
Acq: 25 Jul 2024 22:16

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	8210
Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.5	38.3
110	0.0	30.7	46.1#

