

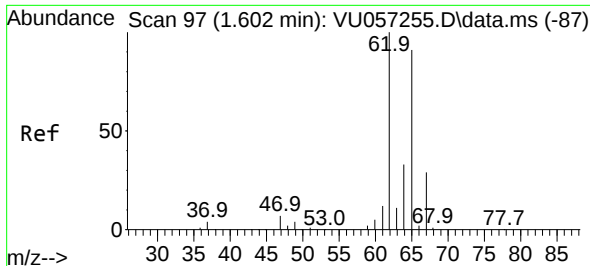
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 Data File : VU057275.D
 Acq On : 27 Dec 2023 09:24
 Operator : MD/SY
 Sample : 05998-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:56:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 27 01:05:12 2023
 Response via : Initial Calibration

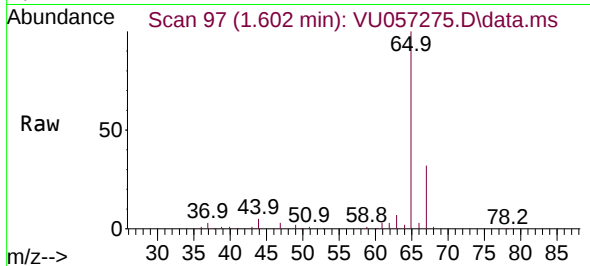
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	149019	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72144	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	80778	5.671	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	113.400%	
7) Chloroethane-d5	1.911	69	62995	5.373	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.400%	
11) 1,1-Dichloroethene-d2	2.563	65	30815	4.993	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	4.627	46	146311	65.425	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	130.860%#	
24) Chloroform-d	5.055	84	136875	4.976	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.695	65	67973	5.185	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.721	84	253710	4.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	6.682	67	82251	5.256	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.894	98	202142	4.026	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
43) trans-1,3-Dichloroprop...	8.174	79	27175	4.171	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.627	63	104967	47.322	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.640%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	60477	5.430	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	70729	4.556	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	1932	0.148	ug/L #	51
13) Acetone	2.640	43	50893	37.851	ug/L	98
21) 2-Butanone	4.734	43	3656	1.784	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	2669	0.223	ug/L	87
35) Methylcyclohexane	6.682	83	19369	0.990	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	8989	0.711	ug/L #	90
42) Toluene	7.968	91	29601	0.549	ug/L	93
48) 2-Hexanone	8.685	43	4500	1.113	ug/L #	45
61) 1,2,3-Trichloropropane	11.807	75	9128	1.358	ug/L #	66

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

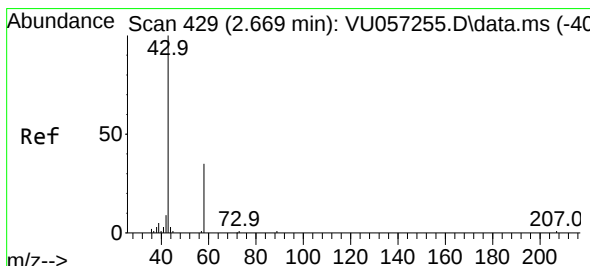
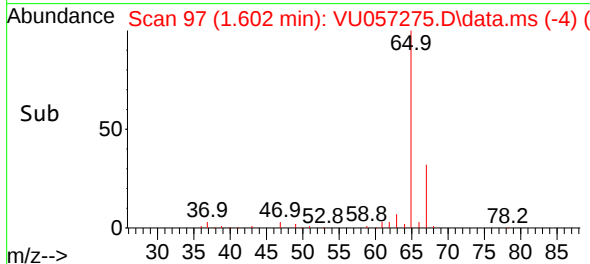
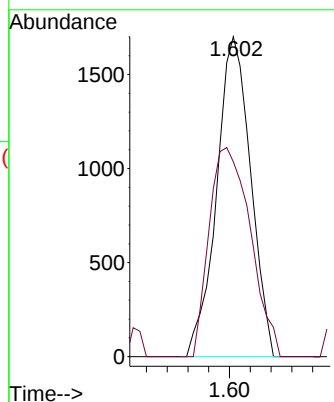


#5
 Vinyl chloride
 Concen: 0.148 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057275.D
 Acq: 27 Dec 2023 09:24

Instrument :
 MSVOA_U
 ClientSampleId :

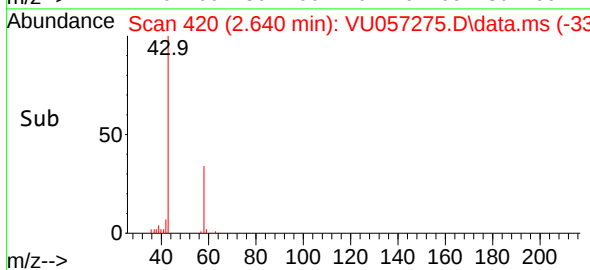
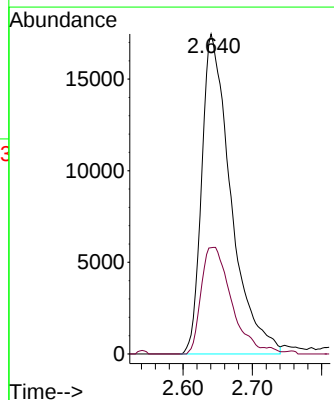
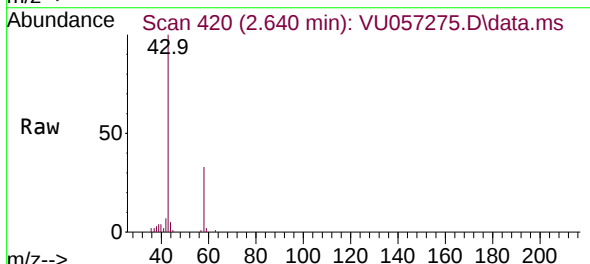


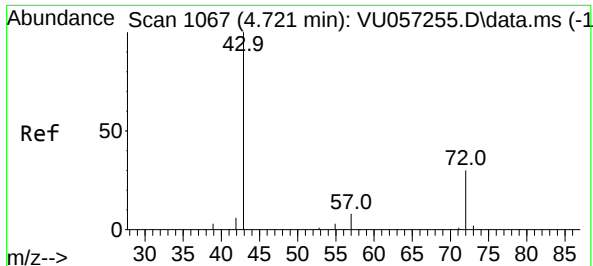
Tgt Ion: 62 Resp: 1932
 Ion Ratio Lower Upper
 62 100
 64 60.9 23.3 43.3#



#13
 Acetone
 Concen: 37.851 ug/L
 RT: 2.640 min Scan# 420
 Delta R.T. -0.029 min
 Lab File: VU057275.D
 Acq: 27 Dec 2023 09:24

Tgt Ion: 43 Resp: 50893
 Ion Ratio Lower Upper
 43 100
 58 34.4 0.0 70.8

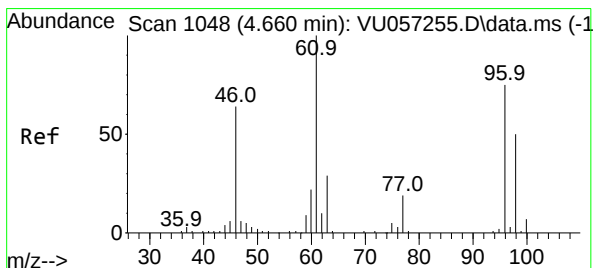
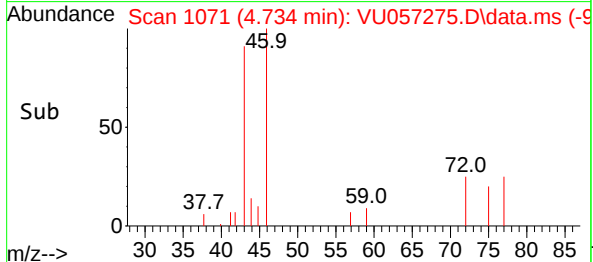
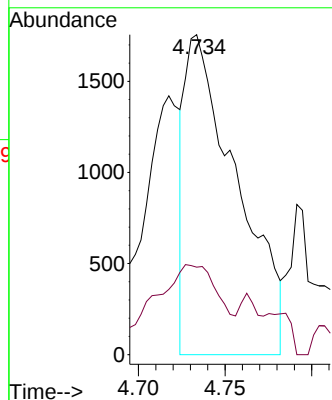
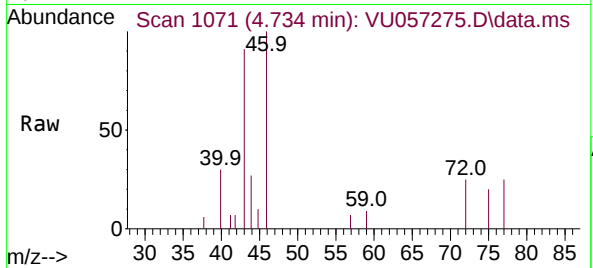




#21
2-Butanone
Concen: 1.784 ug/L
RT: 4.734 min Scan# 1071
Delta R.T. 0.013 min
Lab File: VU057275.D
Acq: 27 Dec 2023 09:24

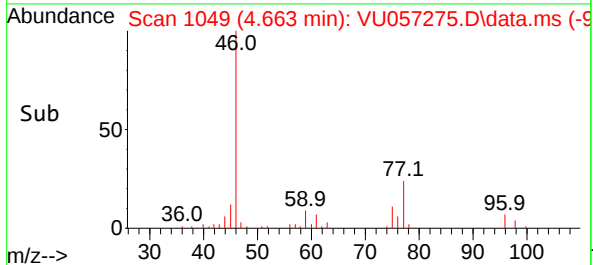
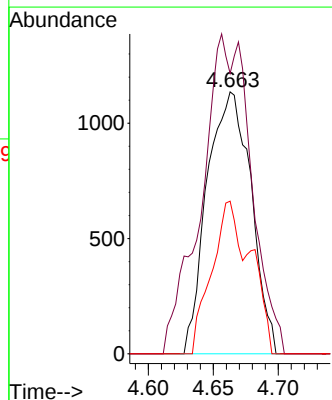
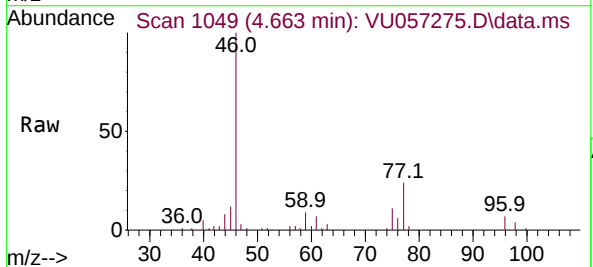
Instrument :
MSVOA_U
ClientSampleId :

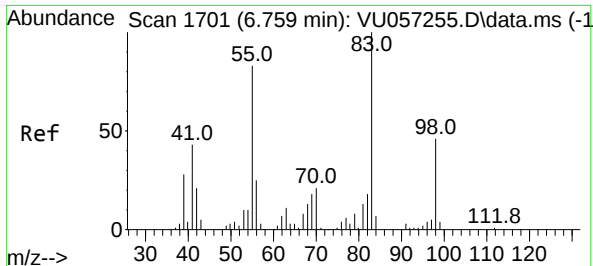
Tgt Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
72 36.0 16.3 48.8



#22
cis-1,2-Dichloroethene
Concen: 0.223 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU057275.D
Acq: 27 Dec 2023 09:24

Tgt Ion: 96 Resp: 2669
Ion Ratio Lower Upper
96 100
61 107.0 86.8 161.2
98 58.3 45.5 84.5

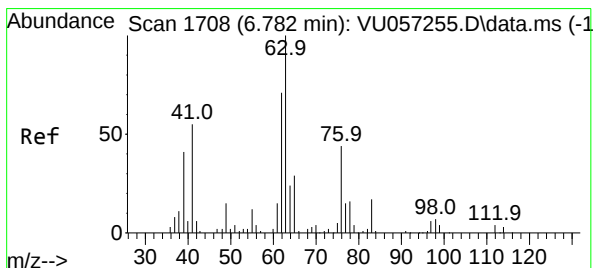
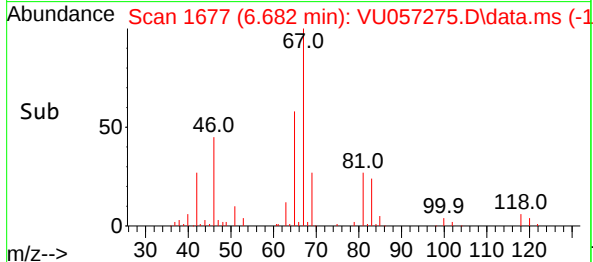
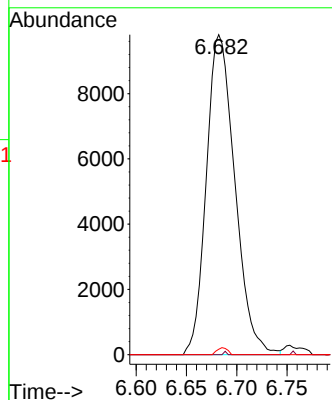
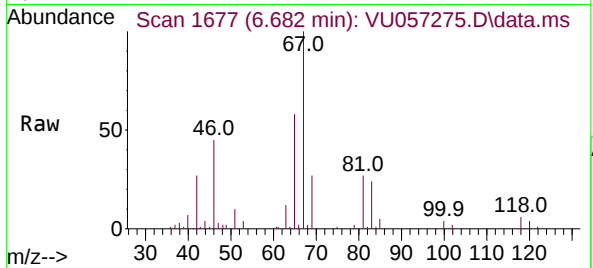




#35
Methylcyclohexane
Concen: 0.990 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU057275.D
Acq: 27 Dec 2023 09:24

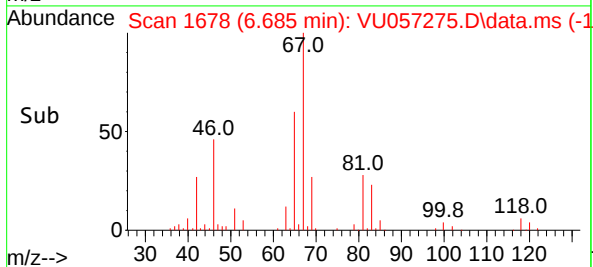
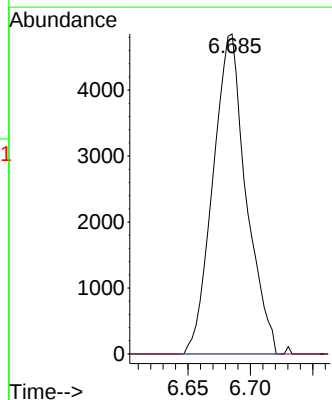
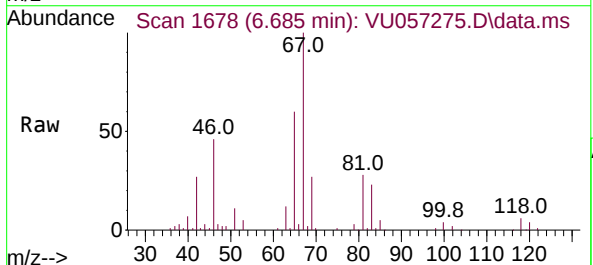
Instrument :
MSVOA_U
ClientSampleId :

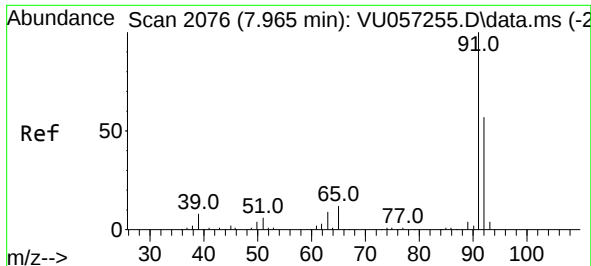
Tgt Ion	83	Resp:	19369
Ion Ratio	Lower	Upper	
83	100		
55	0.1	61.3	91.9#
98	0.8	36.6	55.0#



#37
1,2-Dichloropropane
Concen: 0.711 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.096 min
Lab File: VU057275.D
Acq: 27 Dec 2023 09:24

Tgt Ion	63	Resp:	8989
Ion Ratio	Lower	Upper	
63	100		
112	0.5	3.1	4.7#





#42

Toluene

Concen: 0.549 ug/L

RT: 7.968 min Scan# 20

Delta R.T. 0.003 min

Lab File: VU057275.D

Acq: 27 Dec 2023 09:24

Instrument :

MSVOA_U

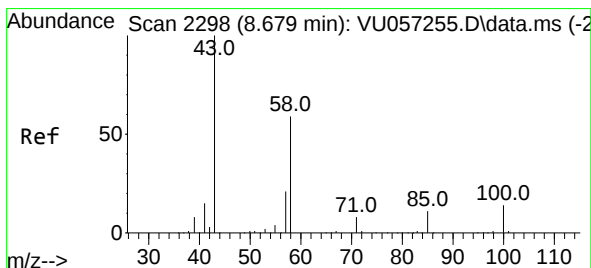
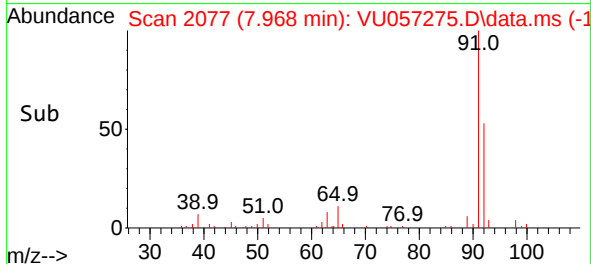
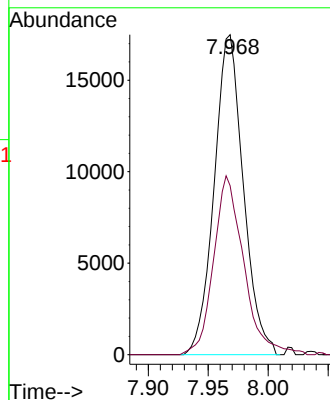
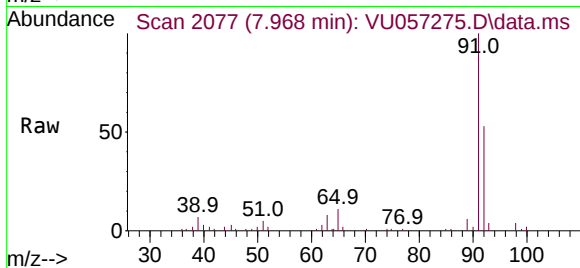
ClientSampleId :

Tgt Ion: 91 Resp: 29601

Ion Ratio Lower Upper

91 100

92 52.8 40.5 75.1



#48

2-Hexanone

Concen: 1.113 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.006 min

Lab File: VU057275.D

Acq: 27 Dec 2023 09:24

Tgt Ion: 43 Resp: 4500

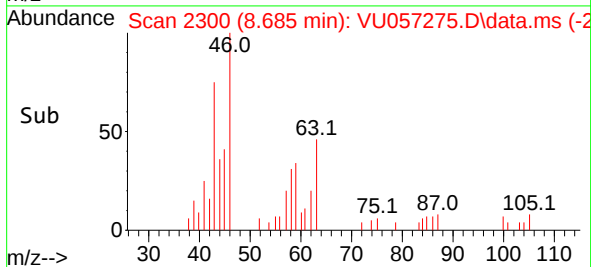
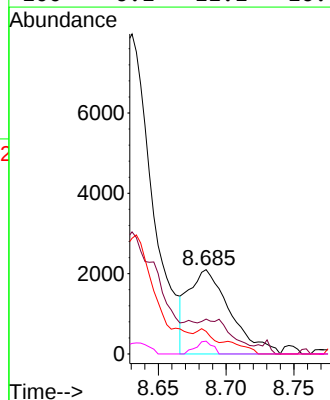
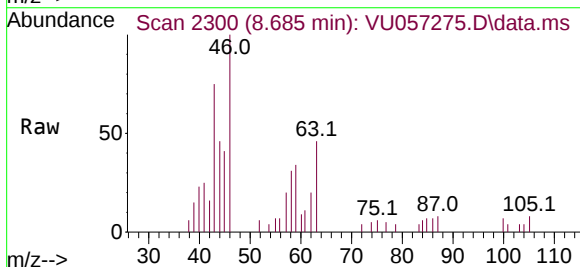
Ion Ratio Lower Upper

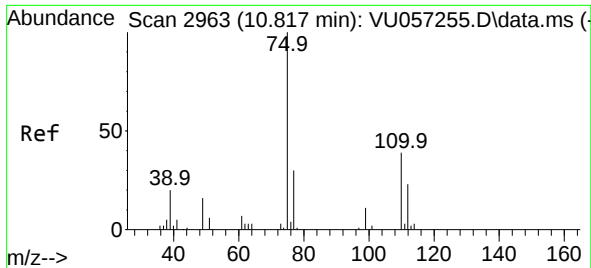
43 100

58 0.0 49.8 74.8#

57 19.6 18.5 27.7

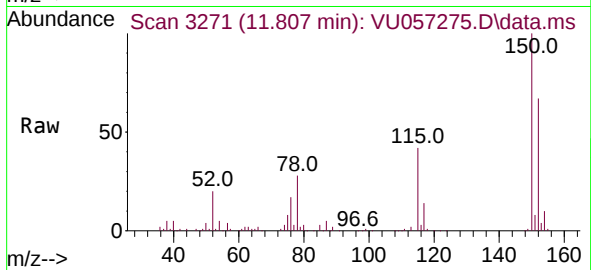
100 6.1 11.1 16.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.358 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU057275.D
 Acq: 27 Dec 2023 09:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 9128
 Ion Ratio Lower Upper
 75 100
 110 1.6 31.2 46.8#
 77 31.4 25.5 38.3

