

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091223\
 Data File : VU055267.D
 Acq On : 13 Sep 2023 03:01
 Operator : MD/SY
 Sample : 04350-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 13 05:36:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 13 05:34:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	170154	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	180041	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	82211	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36094	4.526	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.600%	
7) Chloroethane-d5	1.907	69	41172	4.460	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.563	65	14838	3.265	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.400%	
20) 2-Butanone-d5	4.624	46	121073	52.317	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.640%	
24) Chloroform-d	5.062	84	90114	4.258	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.701	65	48237	4.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
32) Benzene-d6	5.724	84	168041	3.781	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
36) 1,2-Dichloropropane-d6	6.689	67	59755	4.227	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.600%	
41) Toluene-d8	7.897	98	136191	3.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.600%#	
43) trans-1,3-Dichloroprop...	8.180	79	12955	3.328	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	66.600%	
46) 2-Hexanone-d5	8.634	63	63000	39.865	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.740%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	43585	4.384	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	51291	4.274	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1348	0.134	ug/L	96
5) Vinyl chloride	1.602	62	1435203	135.151	ug/L	95
8) Chloroethane	1.808	64	950	0.137	ug/L #	43
12) 1,1-Dichloroethene	2.579	96	5699	0.724	ug/L #	4
17) Methyl tert-butyl Ether	3.361	73	27325	1.324	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	9628	1.206	ug/L	92
19) 1,1-Dichloroethane	3.869	63	15044	0.872	ug/L	94
22) cis-1,2-Dichloroethene	4.663	96	311771	31.912	ug/L	92
27) 1,2-Dichloroethane	5.795	62	1780	0.162	ug/L #	76
33) Benzene	5.772	78	4721	0.123	ug/L	100
34) Trichloroethene	6.541	95	46768	4.392	ug/L	98
35) Methylcyclohexane	6.689	83	13498	0.903	ug/L #	25
37) 1,2-Dichloropropane	6.692	63	6513	0.624	ug/L #	89
42) Toluene	7.968	91	19045	0.466	ug/L	93
48) 2-Hexanone	8.682	43	19495	4.182	ug/L #	94
61) 1,2,3-Trichloropropane	11.810	75	10797	1.979	ug/L #	68

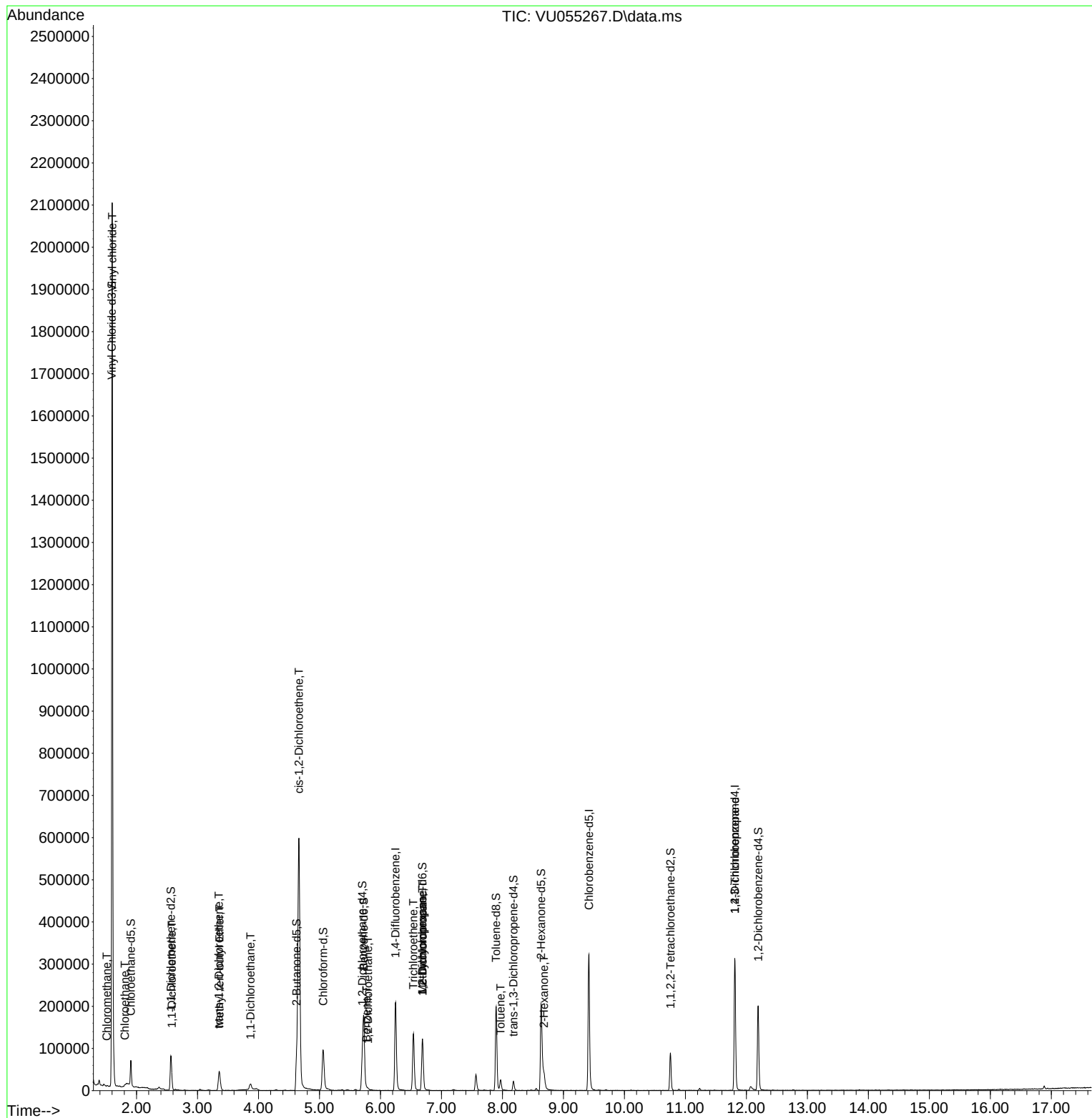
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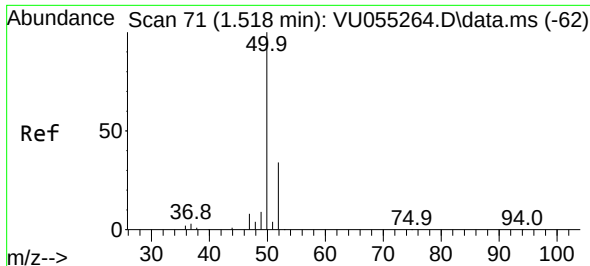
Instrument :
MSVOA_U
ClientSampleId :

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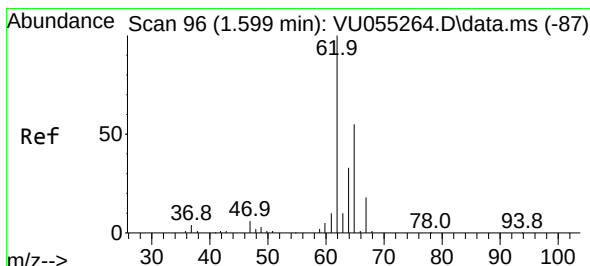
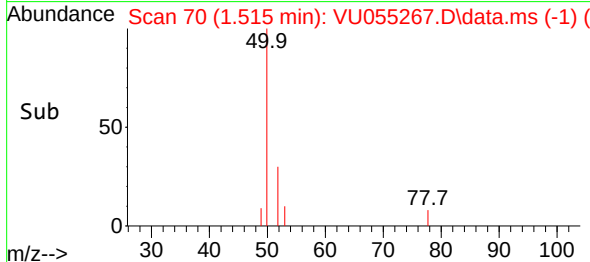
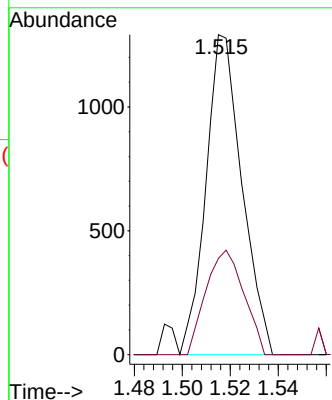
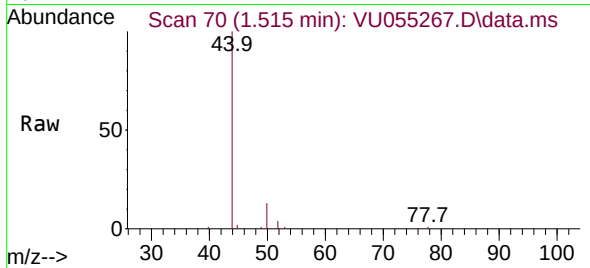




#3
Chloromethane
Concen: 0.134 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

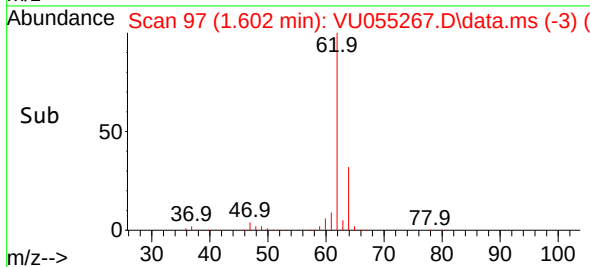
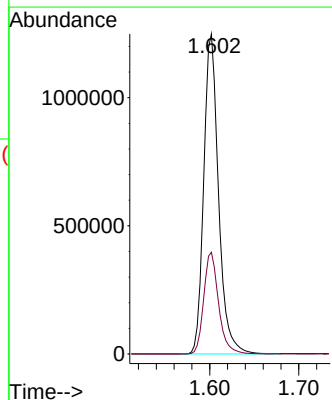
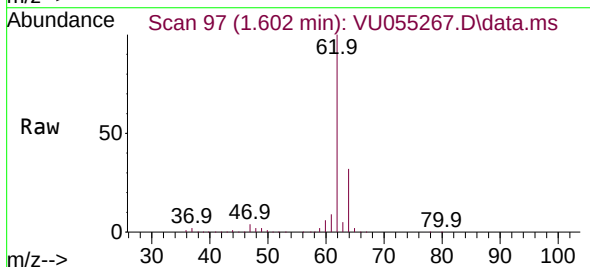
Instrument :
MSVOA_U
ClientSampleId :

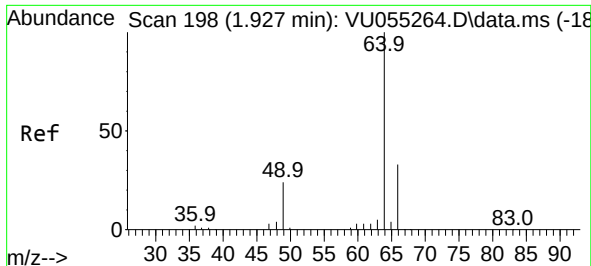
Tgt Ion: 50 Resp: 1348
Ion Ratio Lower Upper
50 100
52 30.1 22.5 41.7



#5
Vinyl chloride
Concen: 135.151 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

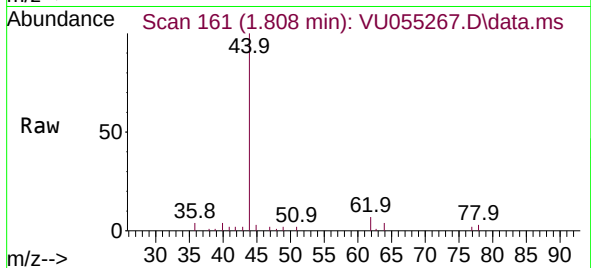
Tgt Ion: 62 Resp: 1435203
Ion Ratio Lower Upper
62 100
64 31.8 24.2 45.0



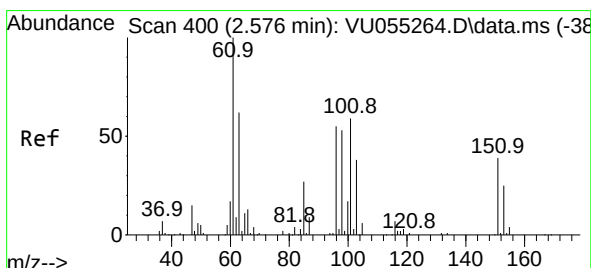
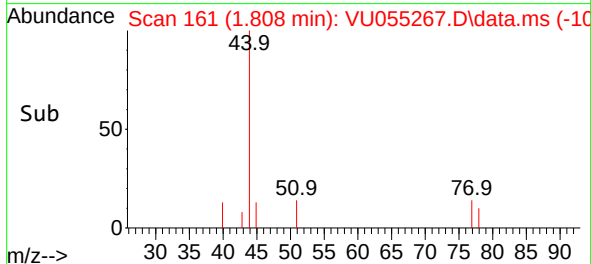
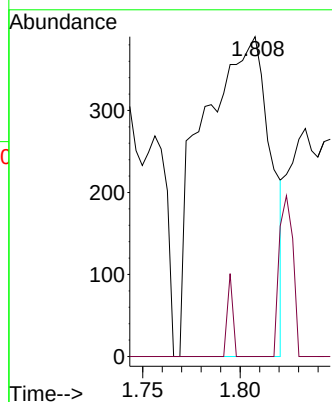


#8
Chloroethane
Concen: 0.137 ug/L
RT: 1.808 min Scan# 1
Delta R.T. -0.119 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

Instrument :
MSVOA_U
ClientSampleId :

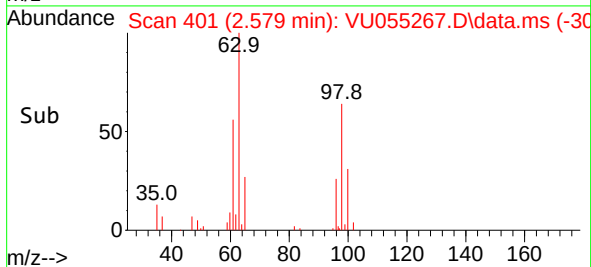
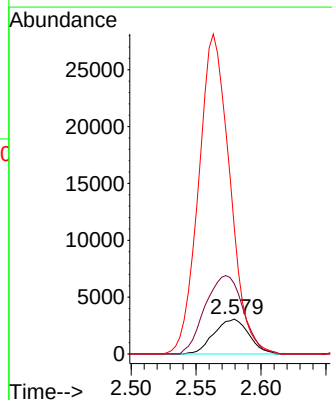
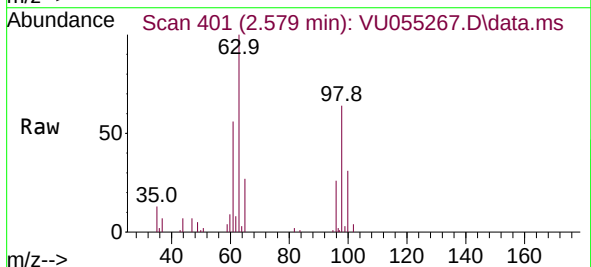


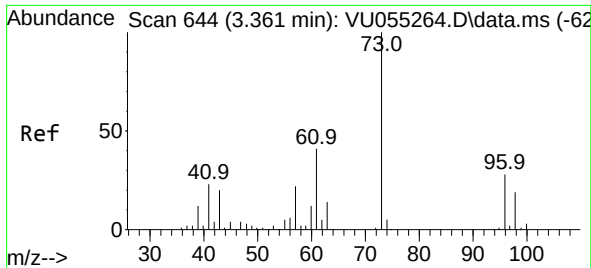
Tgt Ion: 64 Resp: 950
Ion Ratio Lower Upper
64 100
66 0.0 22.4 41.6#



#12
1,1-Dichloroethene
Concen: 0.724 ug/L
RT: 2.579 min Scan# 401
Delta R.T. 0.003 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

Tgt Ion: 96 Resp: 5699
Ion Ratio Lower Upper
96 100
61 201.7 120.8 224.4
63 362.6 94.5 175.5#

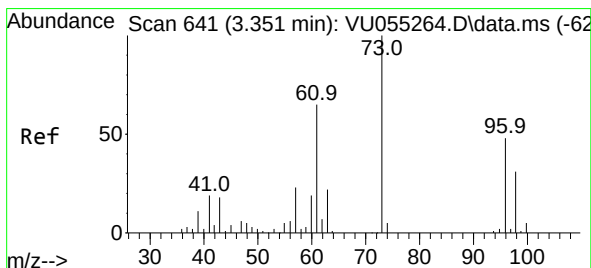
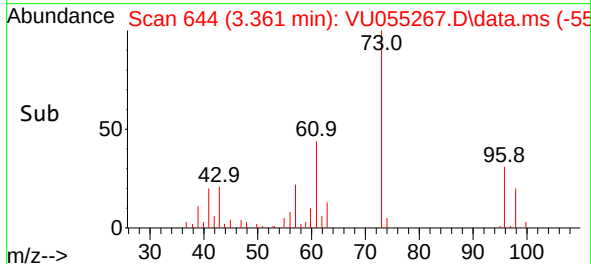
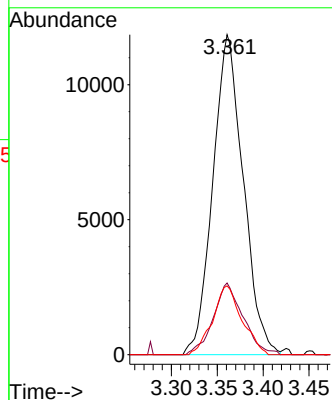
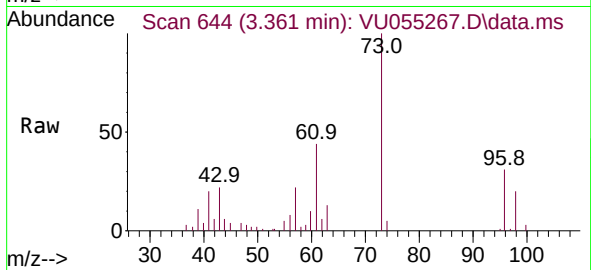




#17
Methyl tert-butyl Ether
Concen: 1.324 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

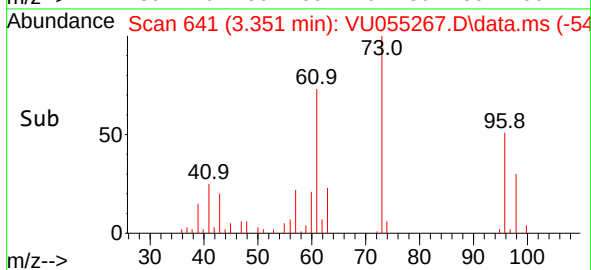
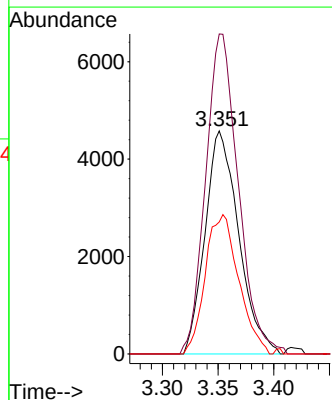
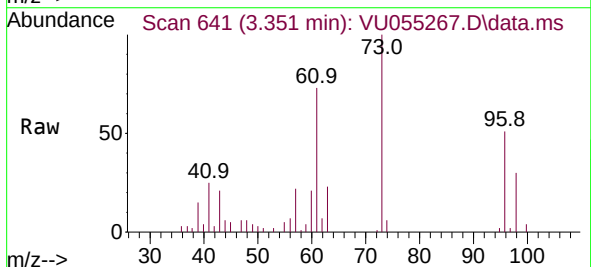
Instrument :
MSVOA_U
ClientSampleId :

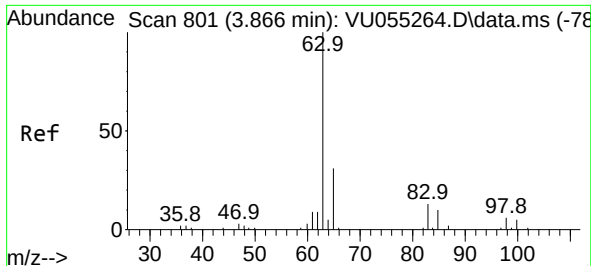
Tgt Ion: 73 Resp: 27325
Ion Ratio Lower Upper
73 100
43 21.9 16.2 24.2
57 20.6 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 1.206 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

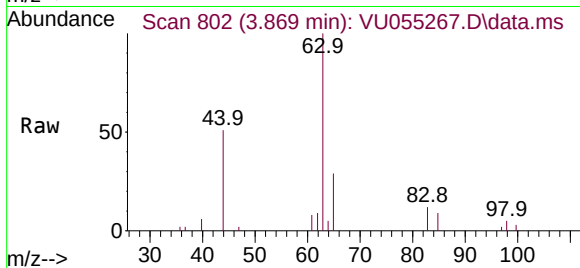
Tgt Ion: 96 Resp: 9628
Ion Ratio Lower Upper
96 100
61 143.5 108.1 200.9
98 59.2 45.4 84.4



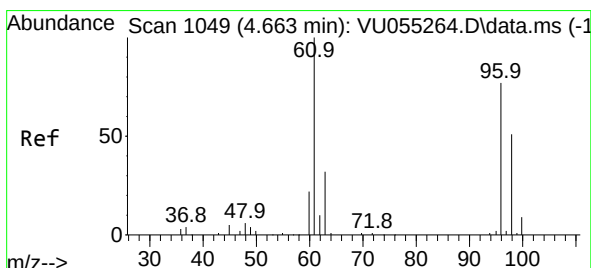
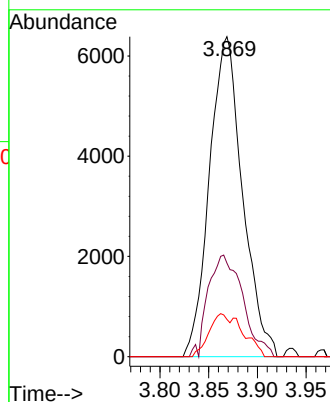
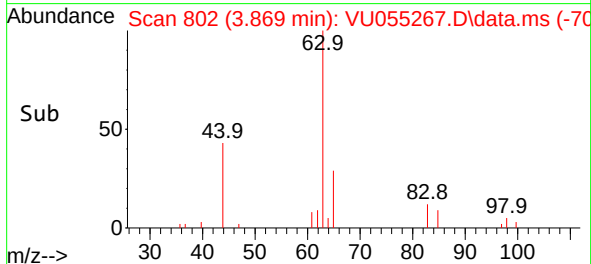


#19
1,1-Dichloroethane
Concen: 0.872 ug/L
RT: 3.869 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

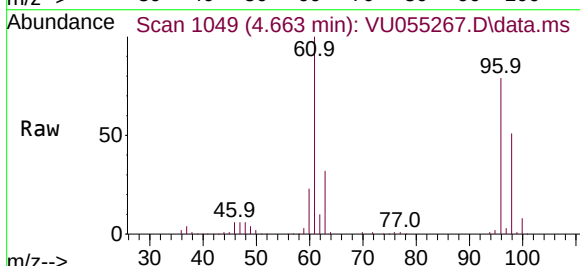
Instrument :
MSVOA_U
ClientSampleId :



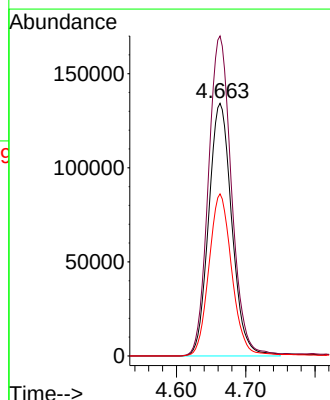
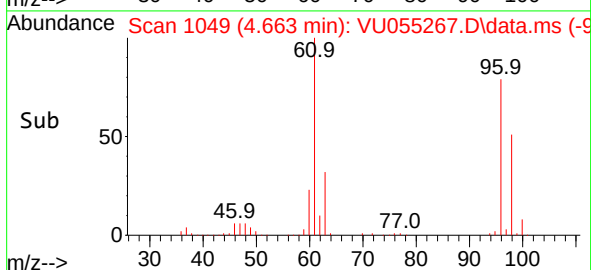
Tgt Ion: 63 Resp: 15044
Ion Ratio Lower Upper
63 100
65 29.2 22.2 41.2
83 11.7 10.6 19.8

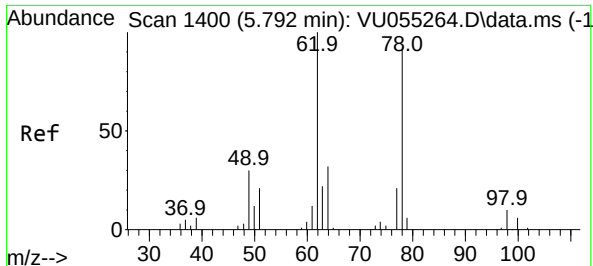


#22
cis-1,2-Dichloroethene
Concen: 31.912 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01



Tgt Ion: 96 Resp: 311771
Ion Ratio Lower Upper
96 100
61 126.6 97.2 180.4
98 64.1 46.1 85.7

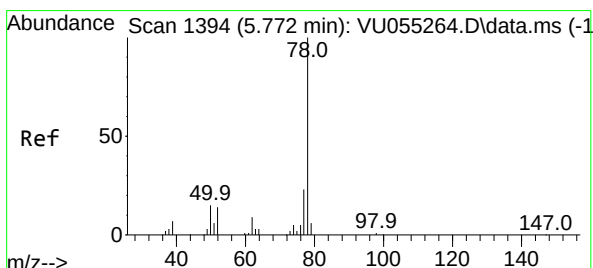
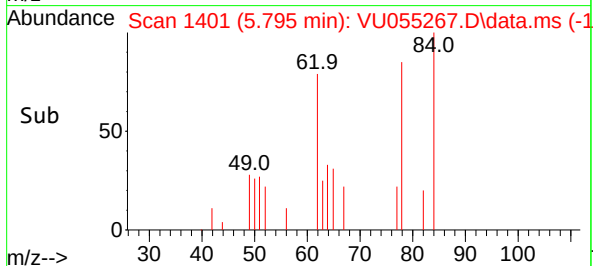
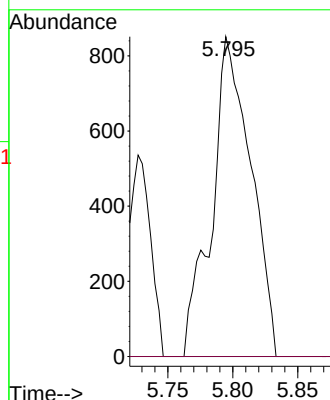
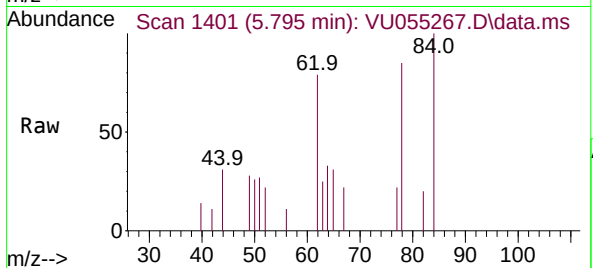




#27
1,2-Dichloroethane
Concen: 0.162 ug/L
RT: 5.795 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

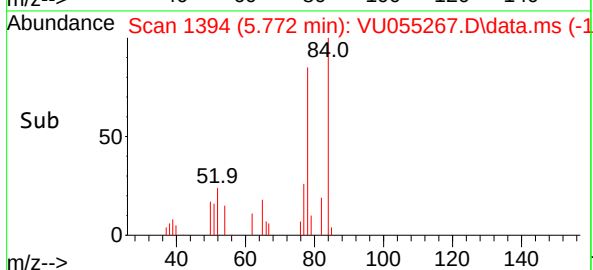
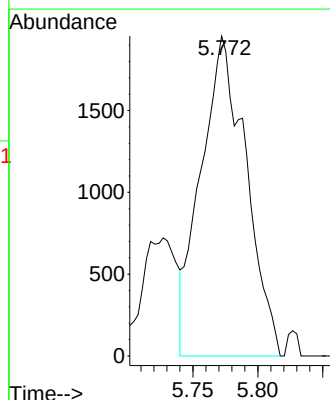
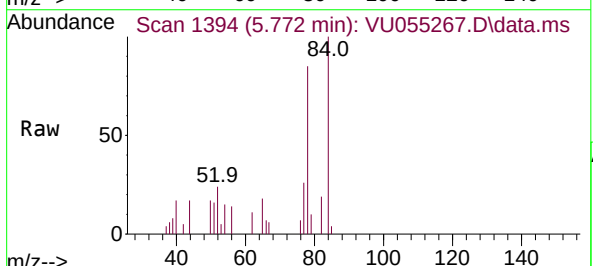
Instrument :
MSVOA_U
ClientSampleId :

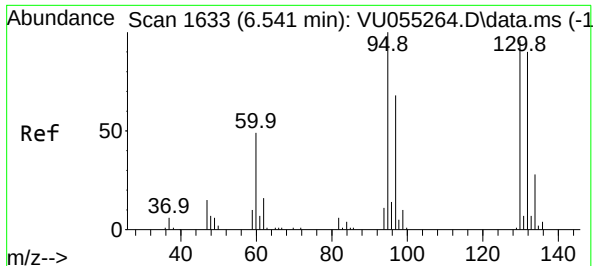
Tgt Ion: 62 Resp: 1780
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#



#33
Benzene
Concen: 0.123 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

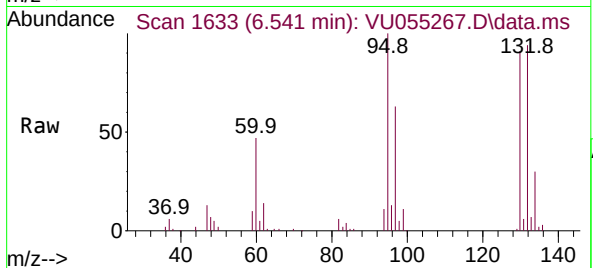
Tgt Ion: 78 Resp: 4721





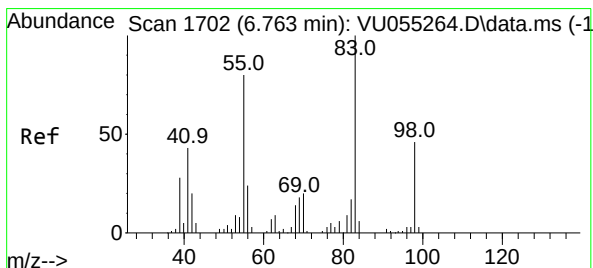
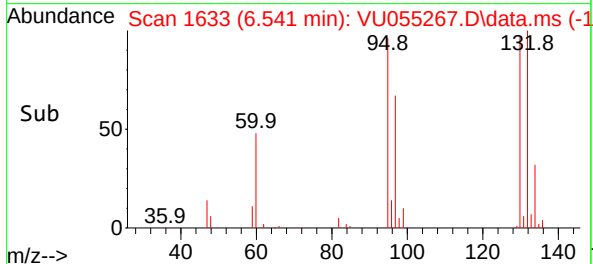
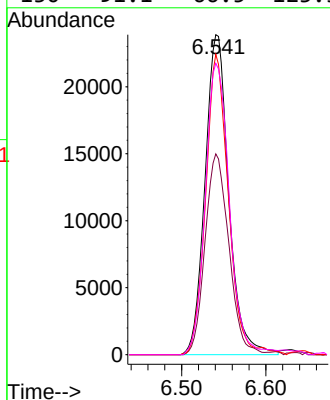
#34
Trichloroethene
Concen: 4.392 ug/L
RT: 6.541 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 46768

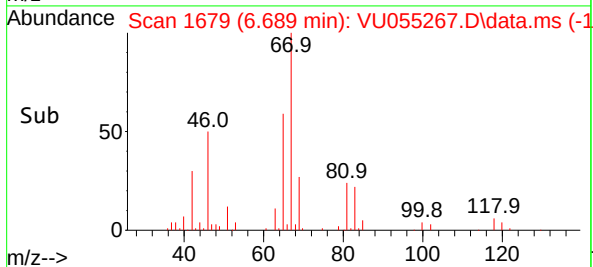
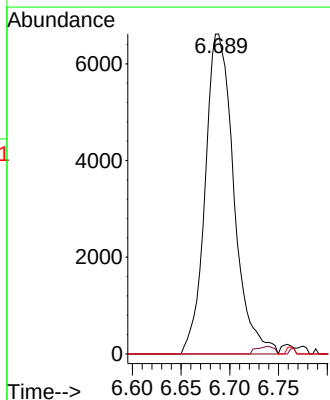
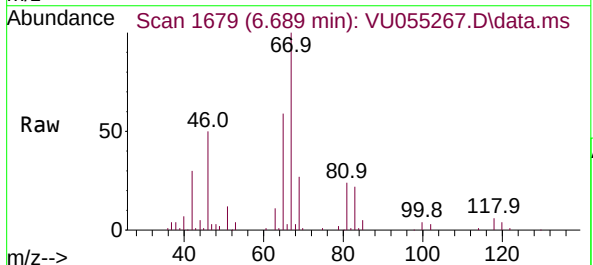
Ion	Ratio	Lower	Upper
95	100		
97	62.7	44.7	83.1
132	93.8	66.6	123.6
130	91.1	66.5	123.5

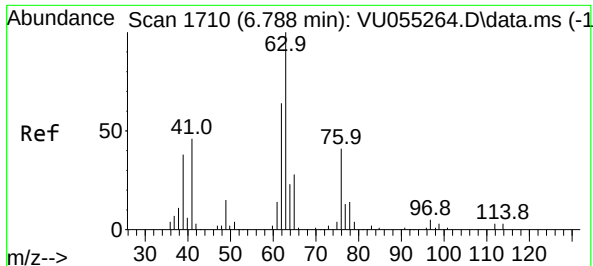


#35
Methylcyclohexane
Concen: 0.903 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.074 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

Tgt Ion: 83 Resp: 13498

Ion	Ratio	Lower	Upper
83	100		
55	1.4	60.4	90.6#
98	8.1	35.3	52.9#





#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU055267.D

Acq: 13 Sep 2023 03:01

Instrument :

MSVOA_U

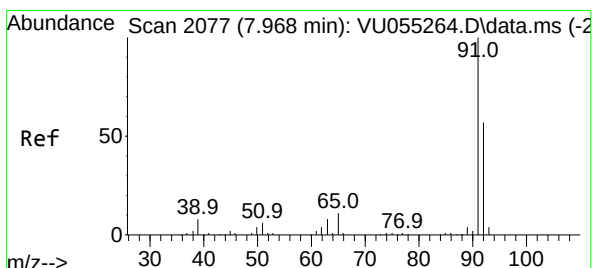
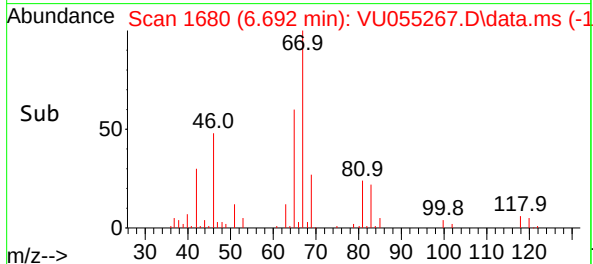
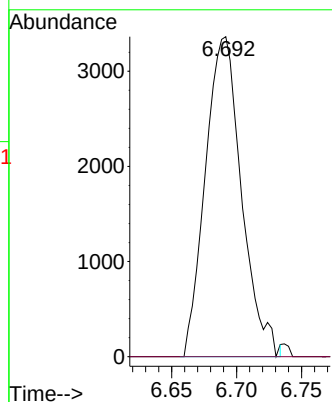
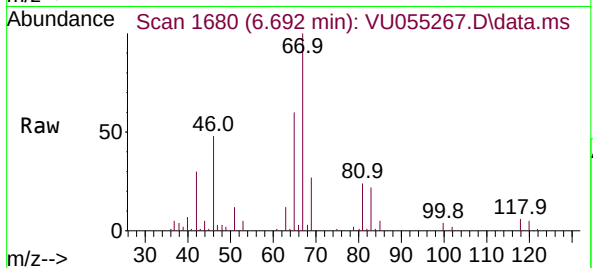
ClientSampleId :

Tgt Ion: 63 Resp: 6513

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#



#42

Toluene

Concen: 0.466 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. -0.000 min

Lab File: VU055267.D

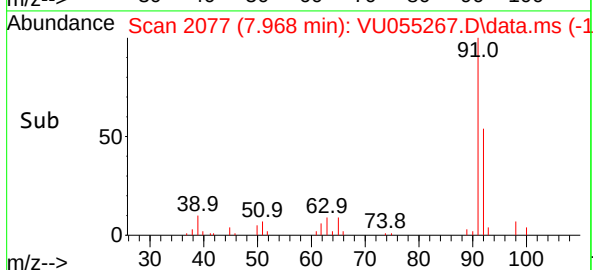
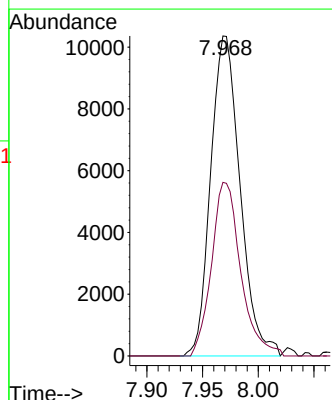
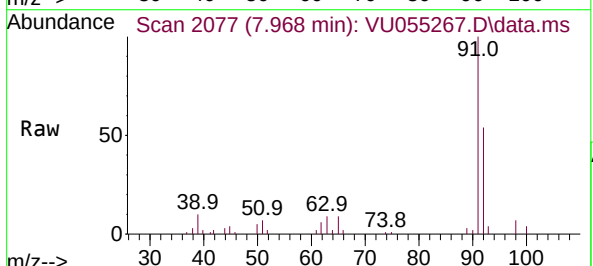
Acq: 13 Sep 2023 03:01

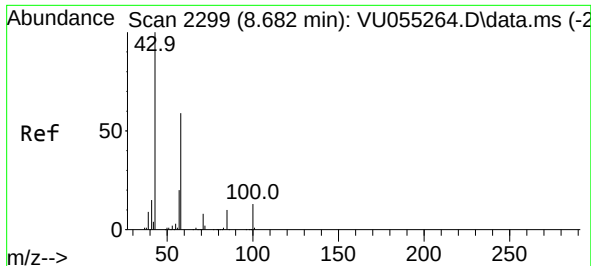
Tgt Ion: 91 Resp: 19045

Ion Ratio Lower Upper

91 100

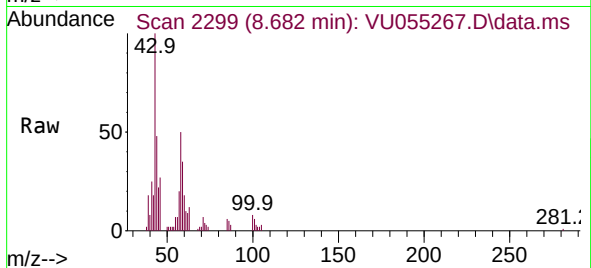
92 54.3 41.9 77.9



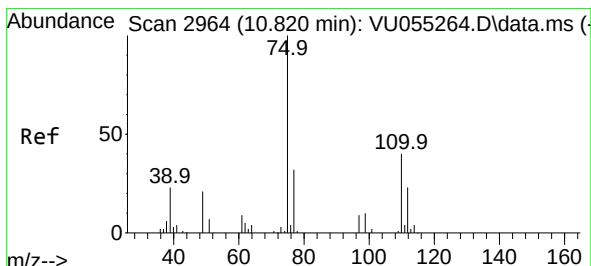
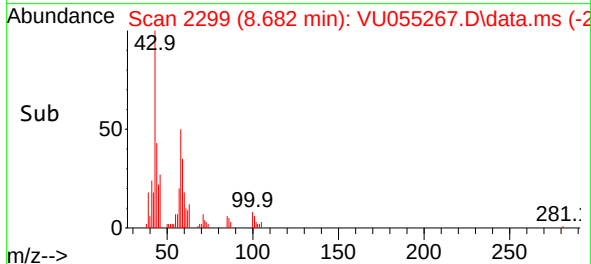
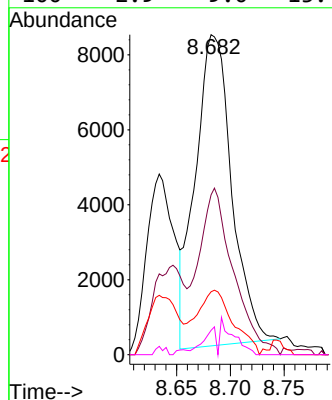


#48
2-Hexanone
Concen: 4.182 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 19495
Ion Ratio Lower Upper
43 100
58 51.0 44.0 66.0
57 20.4 16.2 24.2
100 2.9 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 1.979 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055267.D
Acq: 13 Sep 2023 03:01

Tgt Ion: 75 Resp: 10797
Ion Ratio Lower Upper
75 100
110 1.3 28.2 42.2#
77 34.7 26.2 39.4

