

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061929.D
 Acq On : 21 Nov 2024 19:54
 Operator : MD/SY
 Sample : P4903-09
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 23:12:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 23:06:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	148686	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	143687	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	44899	6.156	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.200%
7) Chloroethane-d5	1.907	69	31972	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.560	65	18452	6.333	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	126.600%#
20) 2-Butanone-d5	4.611	46	92079	40.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.400%
24) Chloroform-d	5.052	84	82715	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.692	65	41785	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.717	84	164073	5.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.200%
36) 1,2-Dichloropropane-d6	6.682	67	56672	5.958	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.200%
41) Toluene-d8	7.891	98	150627	6.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.000%
43) trans-1,3-Dichloroprop...	8.174	79	17771	5.046	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.624	63	64598	40.188	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.380%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42145	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	52224	5.858	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.132	101	4896	0.281	ug/L	99
16) Methylene chloride	3.039	84	9090	0.759	ug/L	95
17) Methyl tert-butyl Ether	3.354	73	3892	0.152	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	9750	0.822	ug/L	93
25) Chloroform	5.081	83	4085	0.190	ug/L	92
29) 1,1,1-Trichloroethane	5.306	97	13571	0.819	ug/L	95
34) Trichloroethene	6.531	95	299849	25.891	ug/L	98
35) Methylcyclohexane	6.682	83	13233	0.747	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	6005	0.533	ug/L #	87
42) Toluene	7.965	91	9165	0.201	ug/L	99
45) 1,1,2-Trichloroethane	8.547	97	813	0.098	ug/L #	1
47) Tetrachloroethene	8.544	164	85862	10.194	ug/L	97
49) Dibromochloromethane	8.544	129	86895	9.904	ug/L #	13
51) Chlorobenzene	9.444	112	5951	0.191	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	1117	0.105	ug/L #	79
61) 1,2,3-Trichloropropane	11.804	75	7199	1.033	ug/L #	68

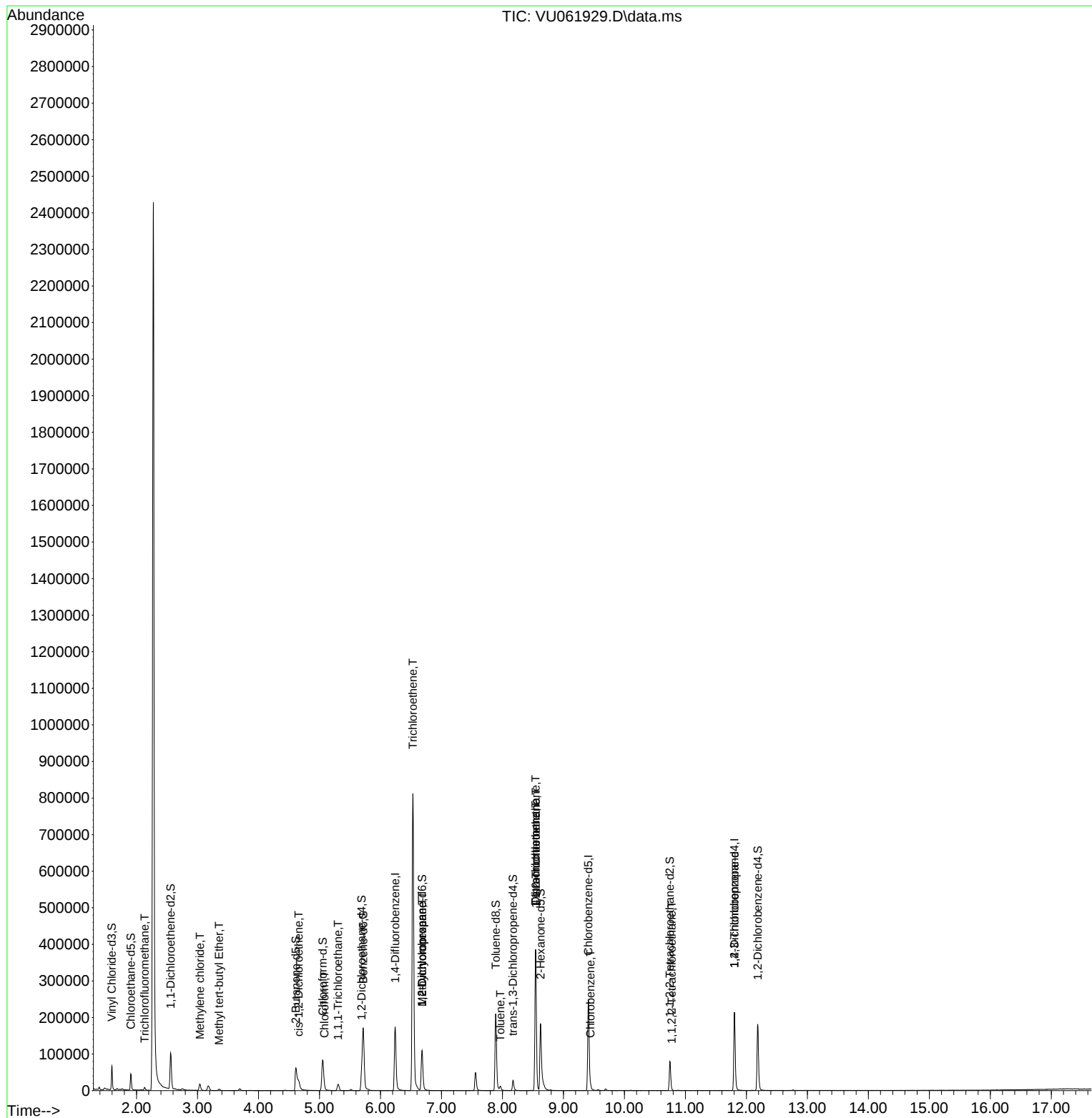
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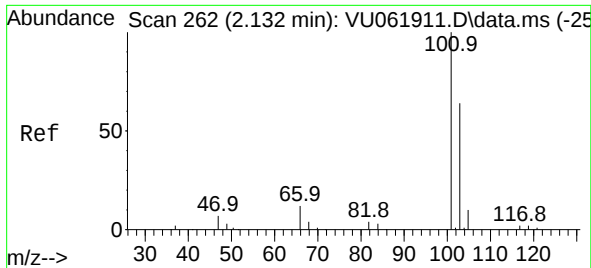
Instrument :
MSVOA_U
ClientSampleId :

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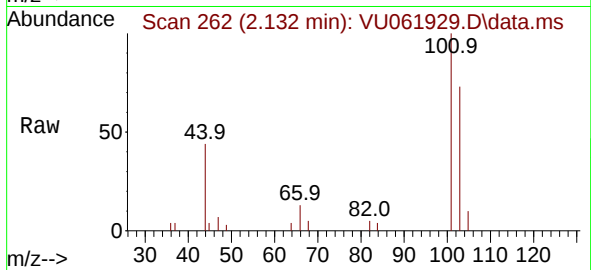
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



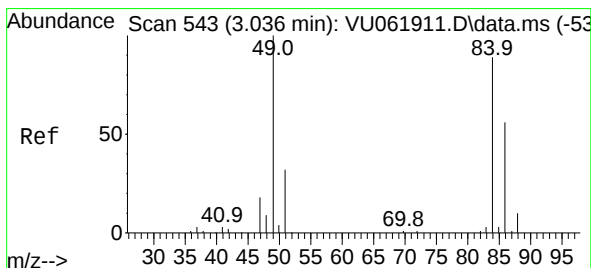
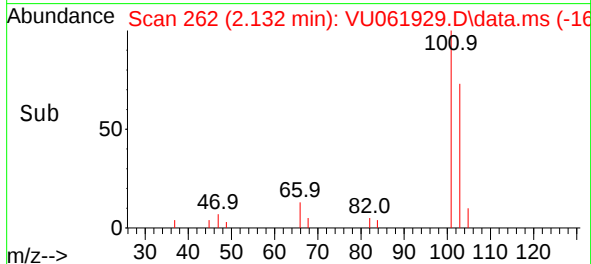
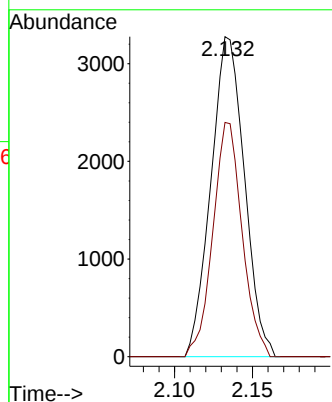


#9
 Trichlorofluoromethane
 Concen: 0.281 ug/L
 RT: 2.132 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VU061929.D
 Acq: 21 Nov 2024 19:54

Instrument :
 MSVOA_U
 ClientSampleId :

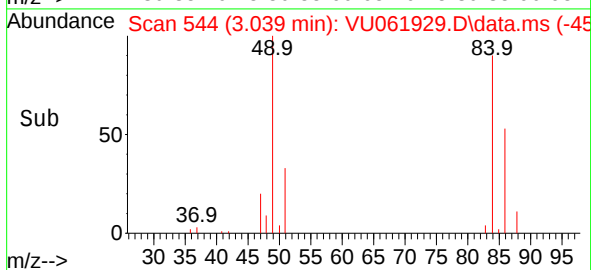
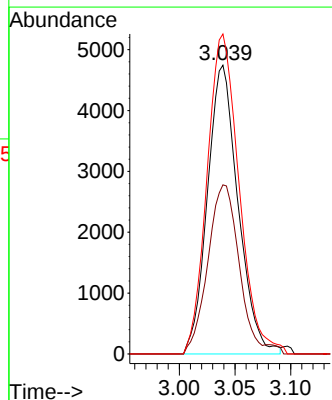
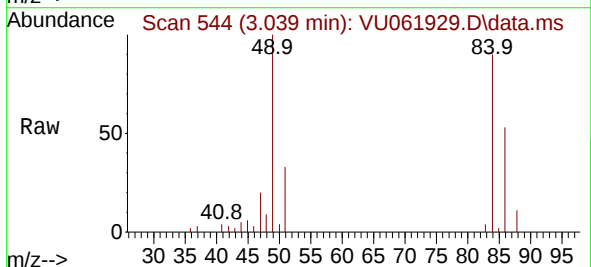


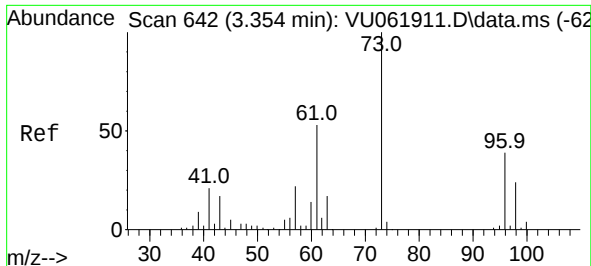
Tgt Ion:101 Resp: 4896
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.6 75.8



#16
 Methylene chloride
 Concen: 0.759 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. 0.003 min
 Lab File: VU061929.D
 Acq: 21 Nov 2024 19:54

Tgt Ion: 84 Resp: 9090
 Ion Ratio Lower Upper
 84 100
 86 58.5 43.5 80.7
 49 110.8 81.9 152.1

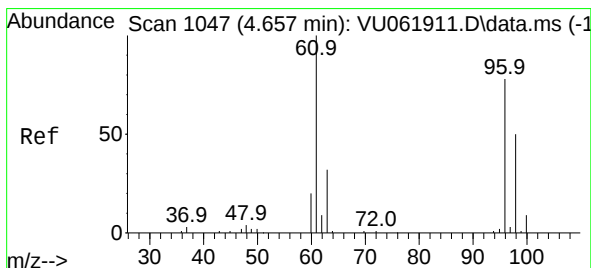
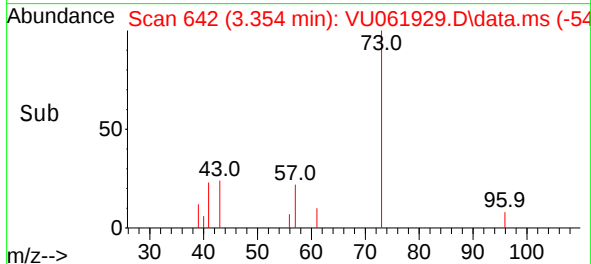
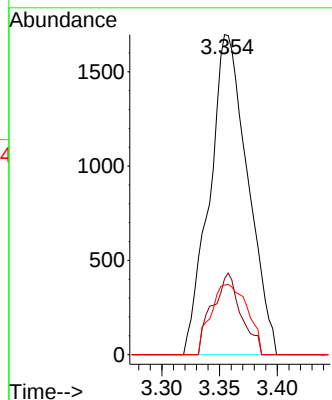
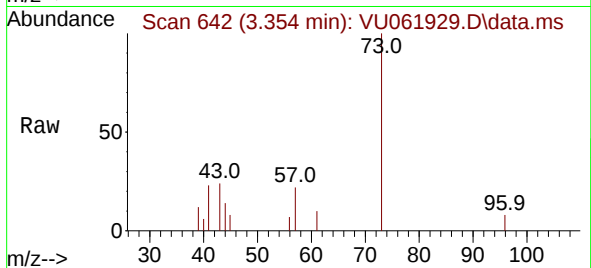




#17
Methyl tert-butyl Ether
Concen: 0.152 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061929.D
Acq: 21 Nov 2024 19:54

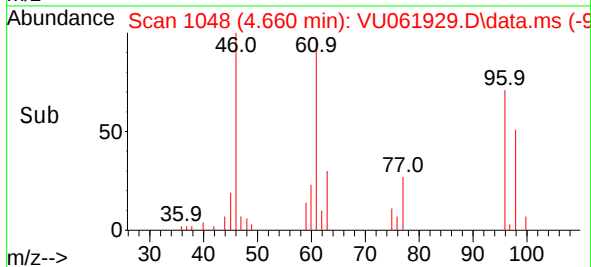
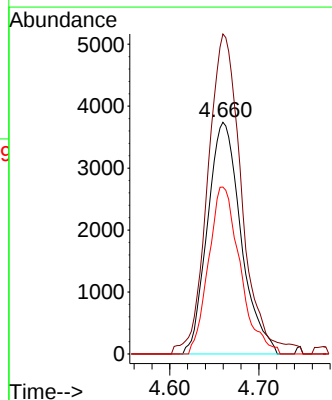
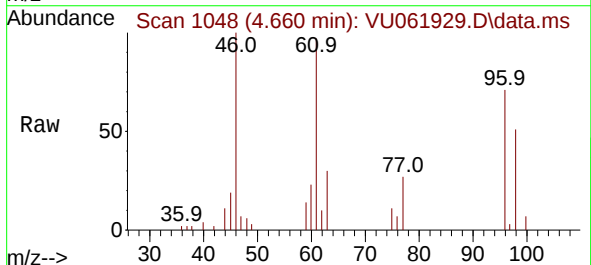
Instrument :
MSVOA_U
ClientSampleId :

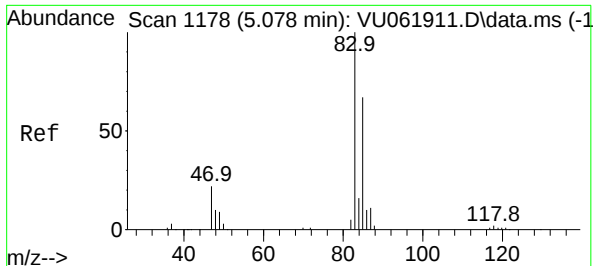
Tgt Ion: 73	Resp:	3892	
Ion	Ratio	Lower	Upper
73	100		
43	19.2	16.3	24.5
57	21.0	17.1	25.7



#22
cis-1,2-Dichloroethene
Concen: 0.822 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU061929.D
Acq: 21 Nov 2024 19:54

Tgt Ion: 96	Resp:	9750	
Ion	Ratio	Lower	Upper
96	100		
61	138.1	92.0	170.8
98	72.0	44.5	82.7





#25

Chloroform

Concen: 0.190 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU061929.D

Acq: 21 Nov 2024 19:54

Instrument :

MSVOA_U

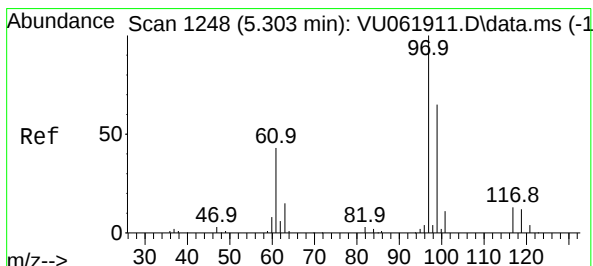
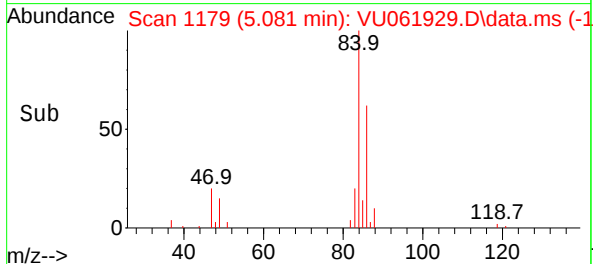
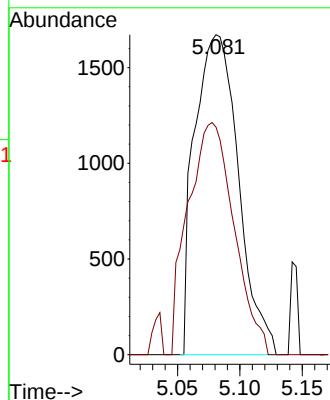
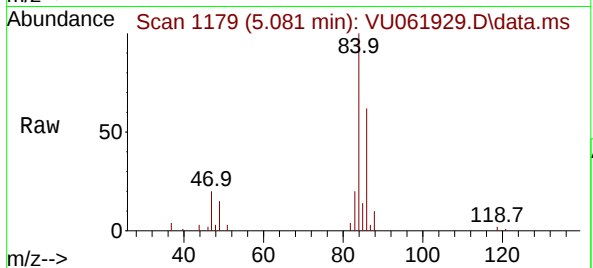
ClientSampleId :

Tgt Ion: 83 Resp: 4085

Ion Ratio Lower Upper

83 100

85 71.1 45.4 84.2



#29

1,1,1-Trichloroethane

Concen: 0.819 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. 0.003 min

Lab File: VU061929.D

Acq: 21 Nov 2024 19:54

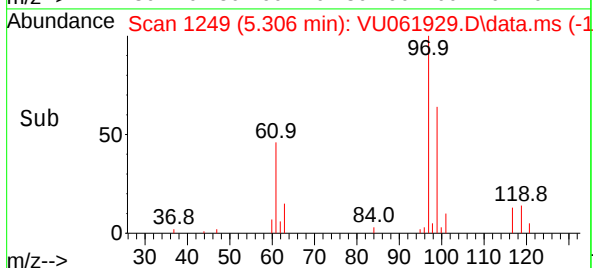
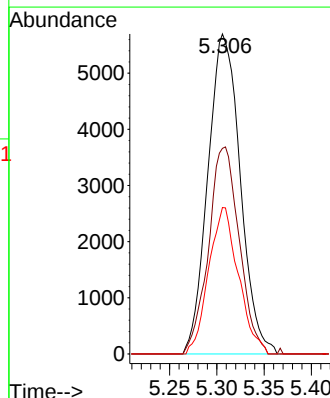
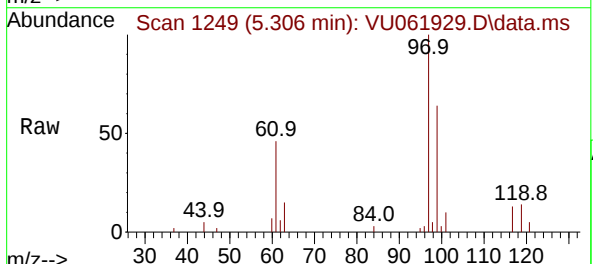
Tgt Ion: 97 Resp: 13571

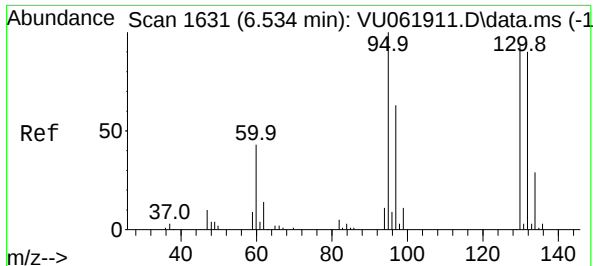
Ion Ratio Lower Upper

97 100

99 61.4 51.4 77.2

61 42.1 37.8 56.6





#34

Trichloroethene

Concen: 25.891 ug/L

RT: 6.531 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU061929.D

Acq: 21 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 299849

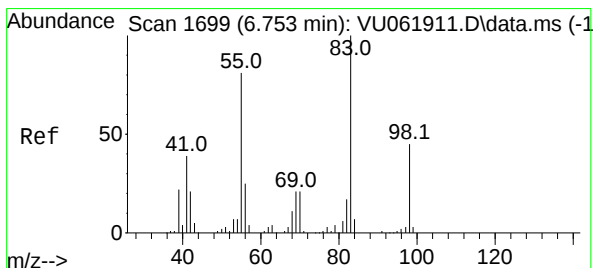
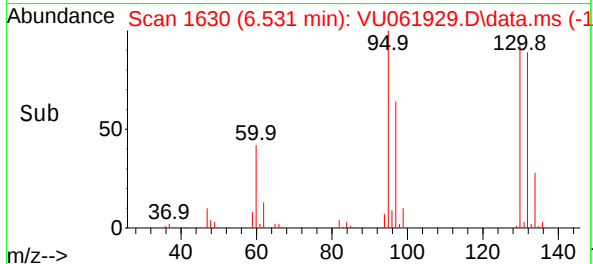
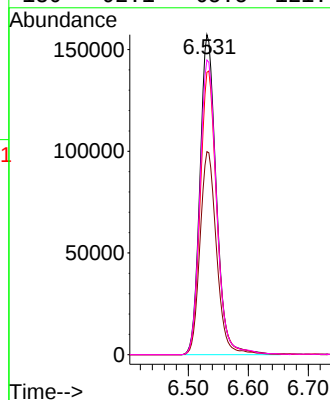
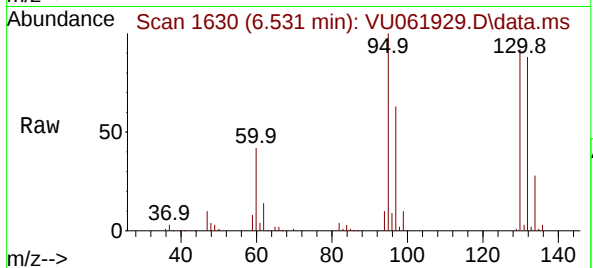
Ion Ratio Lower Upper

95 100

97 63.4 45.9 85.3

132 88.2 63.8 118.4

130 92.1 65.5 121.7



#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061929.D

Acq: 21 Nov 2024 19:54

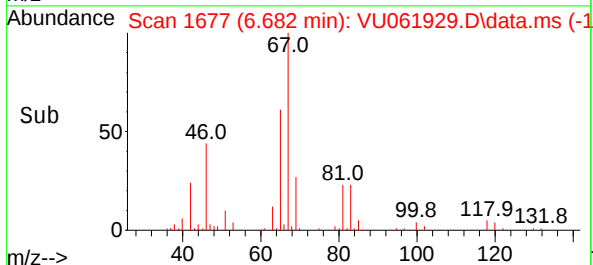
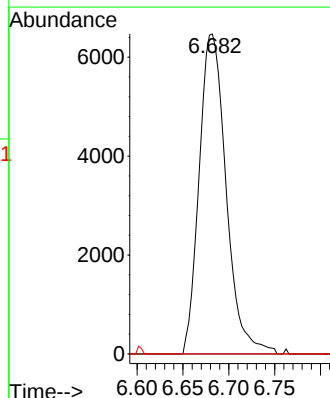
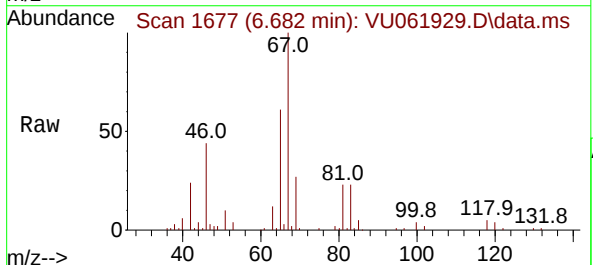
Tgt Ion: 83 Resp: 13233

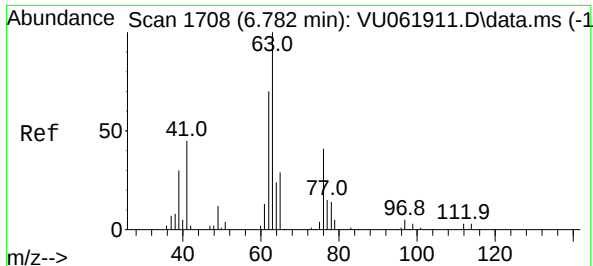
Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 0.0 34.8 52.2#

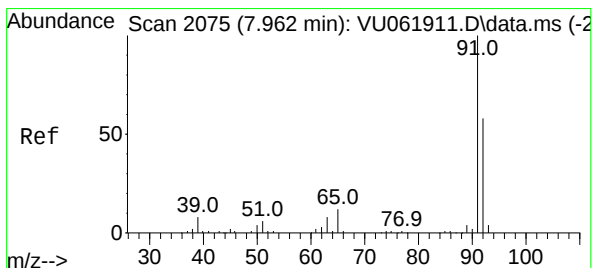
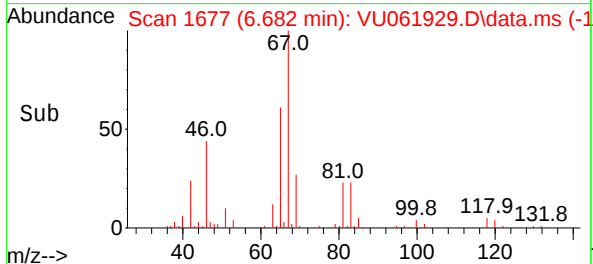
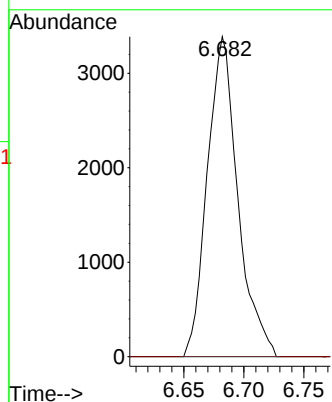
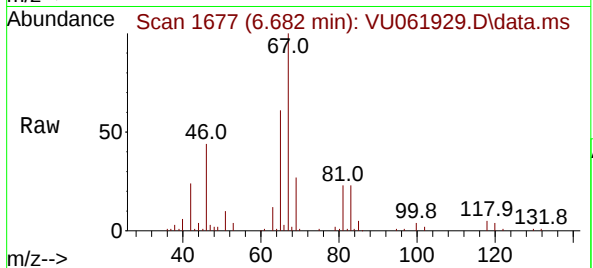




#37
1,2-Dichloropropane
Concen: 0.533 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061929.D
Acq: 21 Nov 2024 19:54

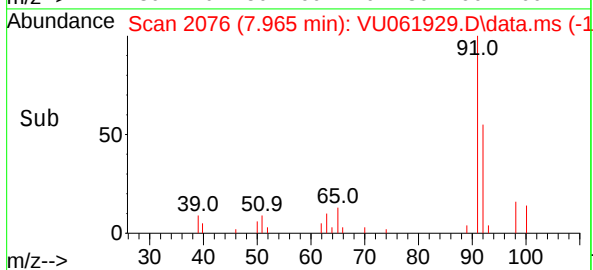
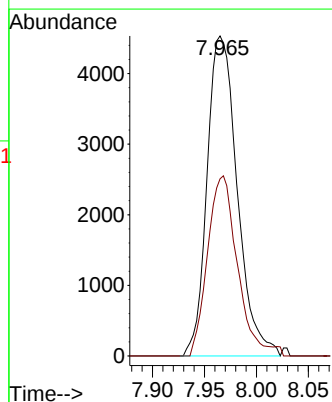
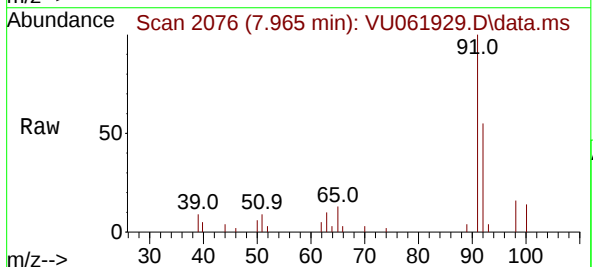
Instrument :
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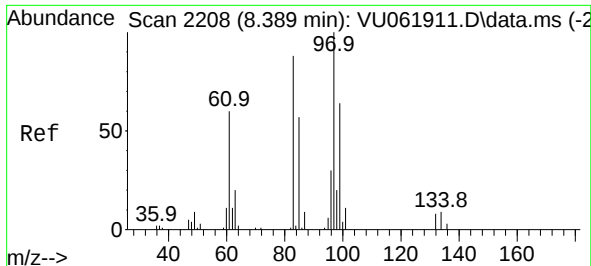
Tgt Ion: 63 Resp: 6005
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#42
Toluene
Concen: 0.201 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061929.D
Acq: 21 Nov 2024 19:54

Tgt Ion: 91 Resp: 9165
Ion Ratio Lower Upper
91 100
92 55.3 39.0 72.4





#45

1,1,2-Trichloroethane

Concen: 0.098 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.157 min

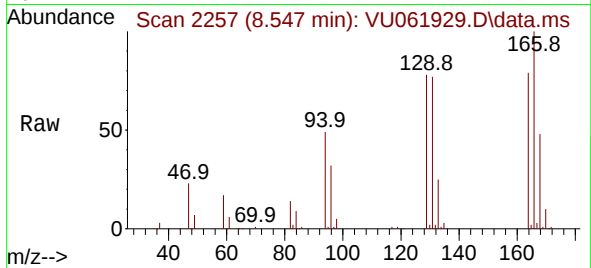
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Acq: 21 Nov 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 813

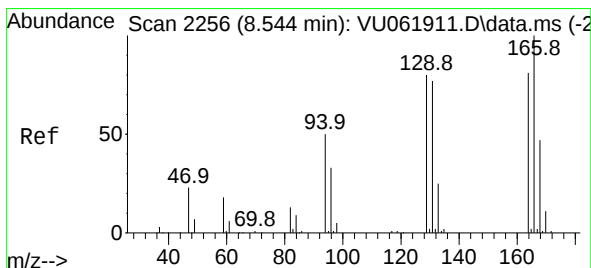
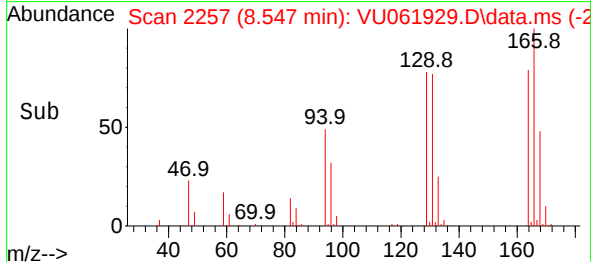
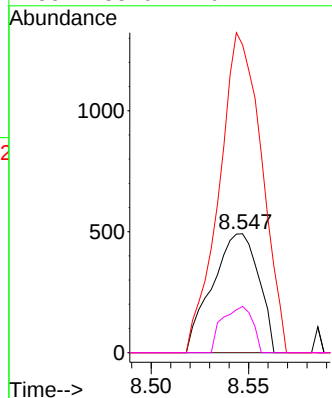
Ion Ratio Lower Upper

97 100

99 0.0 43.0 79.8#

83 259.3 61.7 114.5#

85 38.9 40.1 74.5#



#47

Tetrachloroethene

Concen: 10.194 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.000 min

Lab File: VU061929.D

Acq: 21 Nov 2024 19:54

Tgt Ion:164 Resp: 85862

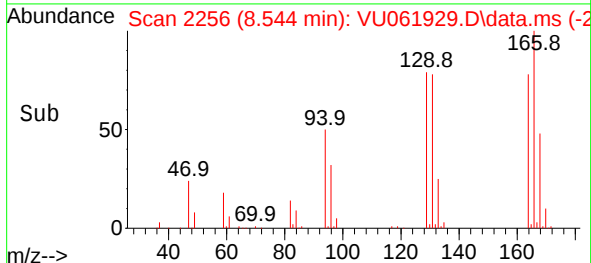
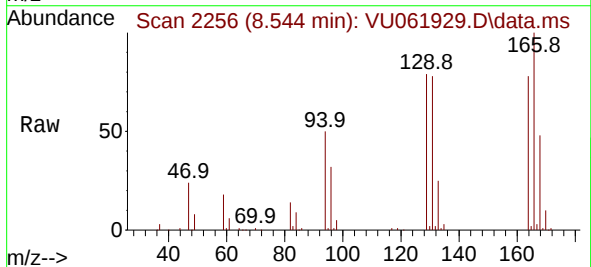
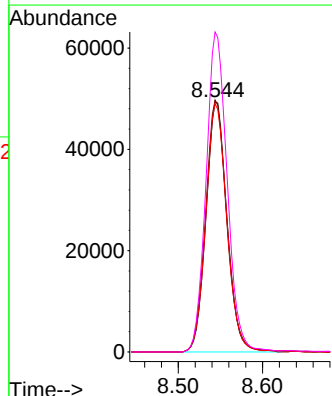
Ion Ratio Lower Upper

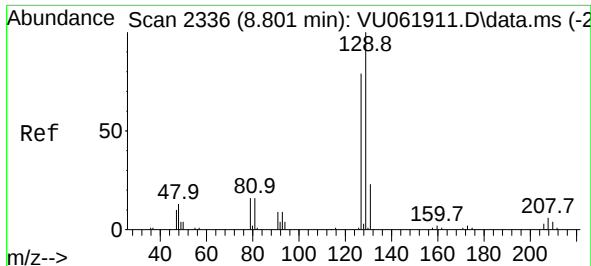
164 100

129 100.6 73.2 136.0

131 99.2 72.3 134.3

166 127.8 90.2 167.4





#49

Dibromochloromethane

Concen: 9.904 ug/L

RT: 8.544 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU061929.D

Acq: 21 Nov 2024 19:54

Instrument :

MSVOA_U

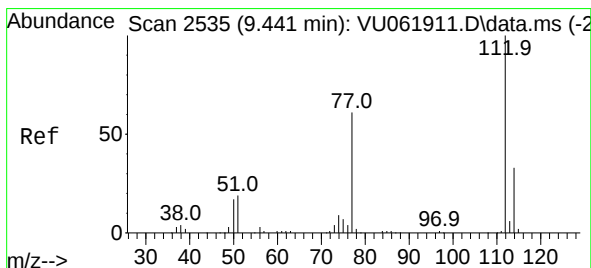
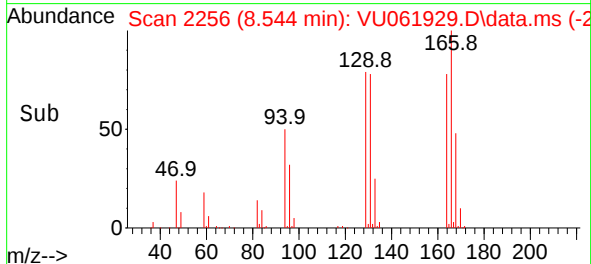
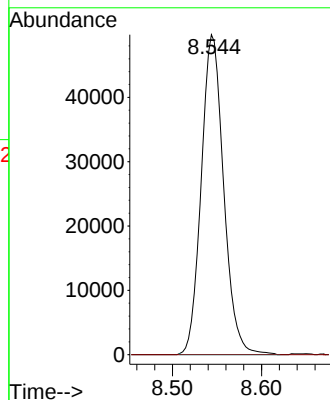
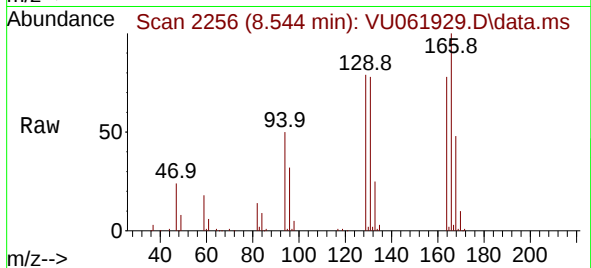
ClientSampleId :

Tgt Ion:129 Resp: 86895

Ion Ratio Lower Upper

129 100

127 0.0 51.1 94.9#



#51

Chlorobenzene

Concen: 0.191 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU061929.D

Acq: 21 Nov 2024 19:54

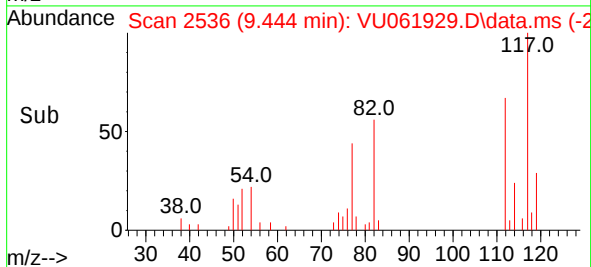
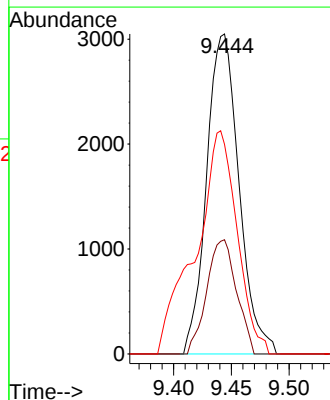
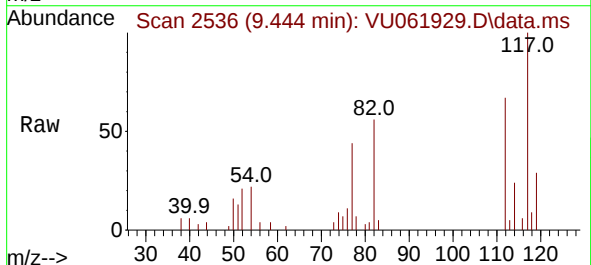
Tgt Ion:112 Resp: 5951

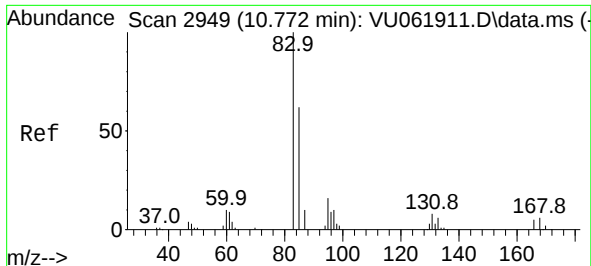
Ion Ratio Lower Upper

112 100

114 35.7 23.0 42.6

77 65.5 50.5 75.7

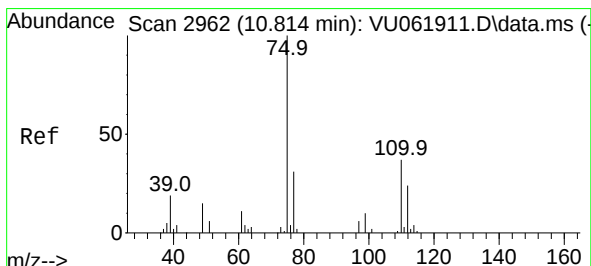
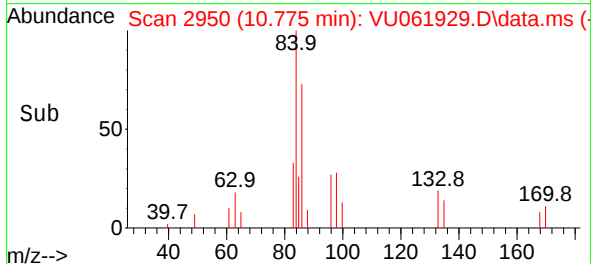
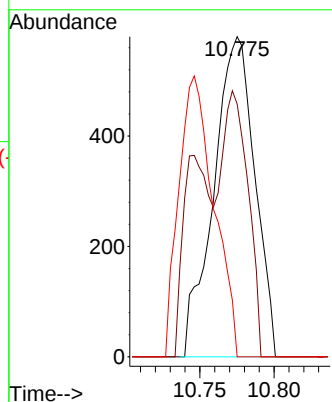
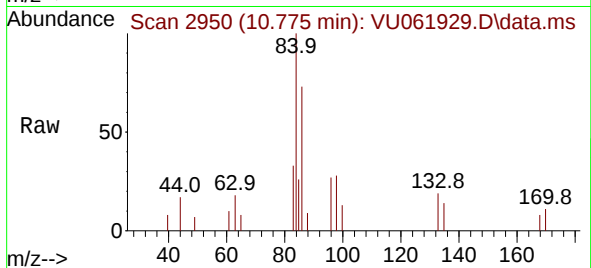




#57
1,1,2,2-Tetrachloroethane
Concen: 0.105 ug/L
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU061929.D
Acq: 21 Nov 2024 19:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 1117
Ion Ratio Lower Upper
83 100
85 79.0 44.4 82.4
131 0.0 7.3 10.9#



#61
1,2,3-Trichloropropane
Concen: 1.033 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061929.D
Acq: 21 Nov 2024 19:54

Tgt Ion: 75 Resp: 7199
Ion Ratio Lower Upper
75 100
110 0.6 28.9 43.3#
77 33.0 26.5 39.7

