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 Data File : VU054935.D
 Acq On : 28 Aug 2023 19:51
 Operator : MD/SY
 Sample : 04173-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

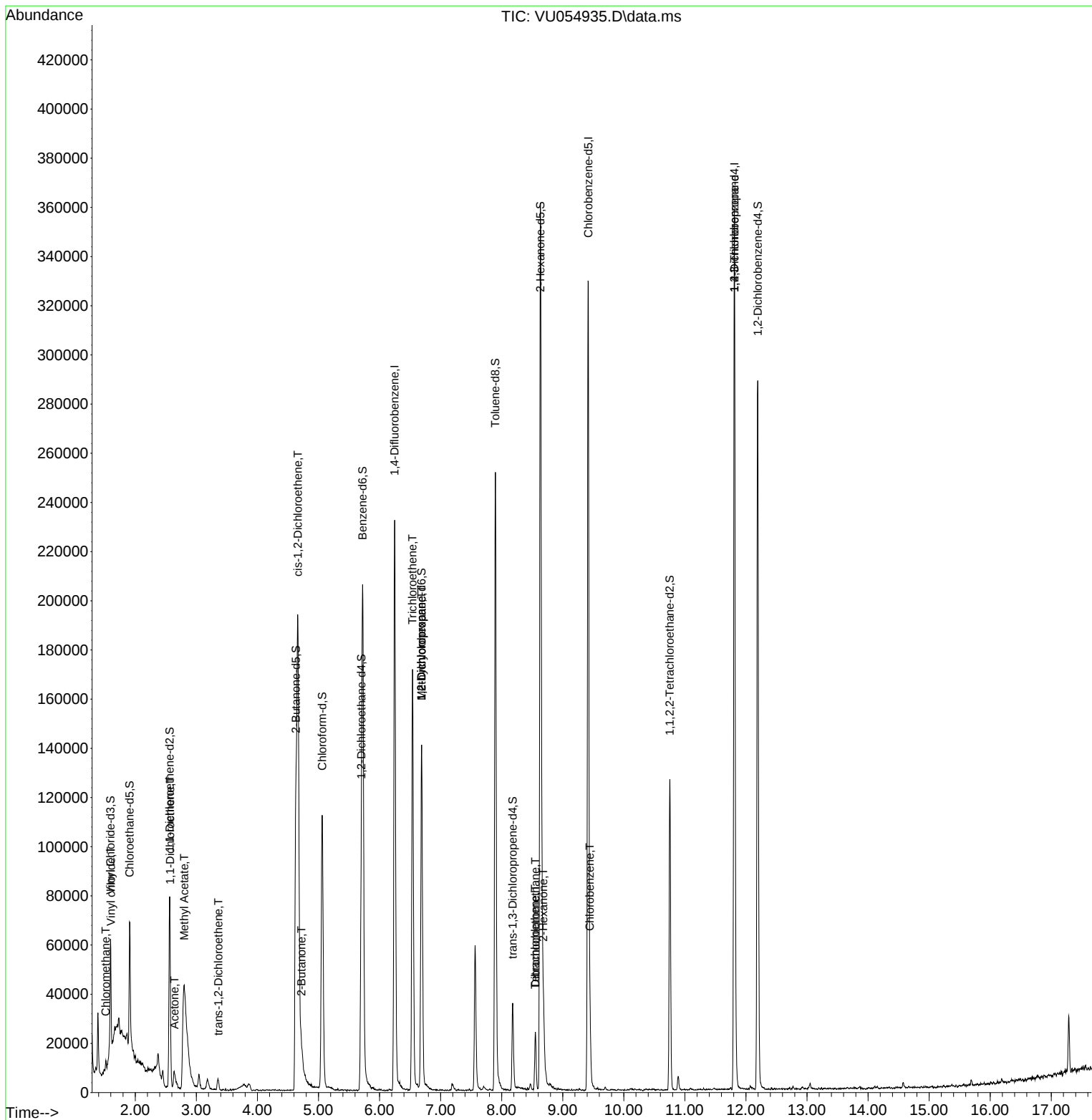
Quant Time: Aug 29 05:01:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

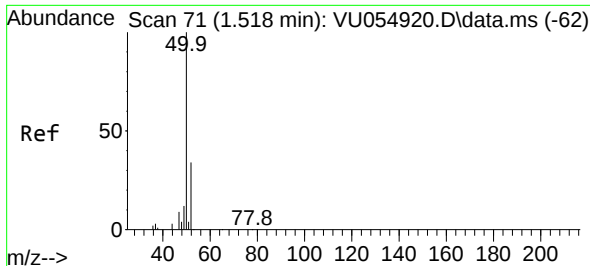
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	183547	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	178871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	93649	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27174	4.691	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.800%	
7) Chloroethane-d5	1.907	69	36592	4.889	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.563	65	15037	4.593	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.800%	
20) 2-Butanone-d5	4.631	46	180926	57.858	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.720%	
24) Chloroform-d	5.062	84	102449	4.767	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
26) 1,2-Dichloroethane-d4	5.701	65	58615	5.126	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.724	84	186483	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
36) 1,2-Dichloropropane-d6	6.689	67	66989	4.737	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.897	98	171121	4.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.180	79	21218	4.559	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.634	63	123541	55.930	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.860%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60395	4.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	73112	4.890	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3566	0.300	ug/L	97
5) Vinyl chloride	1.602	62	5259	0.427	ug/L #	1
12) 1,1-Dichloroethene	2.570	96	1071	0.129	ug/L #	1
13) Acetone	2.644	43	10873	6.433	ug/L	100
15) Methyl Acetate	2.801	43	27115	7.836	ug/L #	51
18) trans-1,2-Dichloroethene	3.361	96	1542	0.170	ug/L	82
21) 2-Butanone	4.721	43	24390	9.417	ug/L #	60
22) cis-1,2-Dichloroethene	4.663	96	79695	7.381	ug/L	95
34) Trichloroethene	6.541	95	56484	4.830	ug/L	97
35) Methylcyclohexane	6.689	83	15443	0.893	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	7539	0.641	ug/L #	90
47) Tetrachloroethene	8.550	164	4609	0.548	ug/L	91
48) 2-Hexanone	8.682	43	16007	3.296	ug/L #	80
49) Dibromochloromethane	8.553	129	4716	0.513	ug/L #	6
51) Chlorobenzene	9.444	112	9825	0.322	ug/L	97
61) 1,2,3-Trichloropropane	11.810	75	13213	1.895	ug/L #	70

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

Instrument :
MSVOA_U
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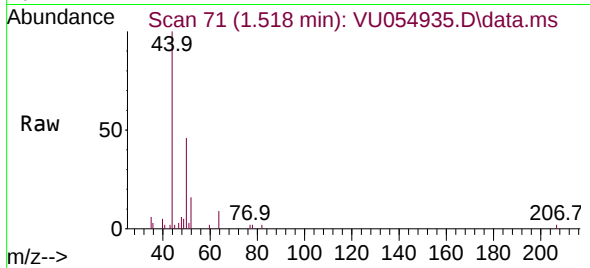
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



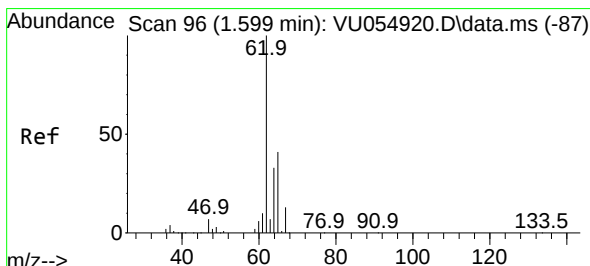
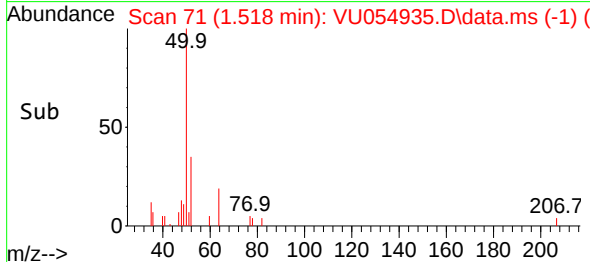
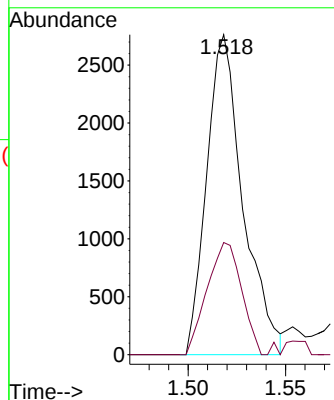


#3
Chloromethane
Concen: 0.300 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Instrument :
MSVOA_U
ClientSampleId :

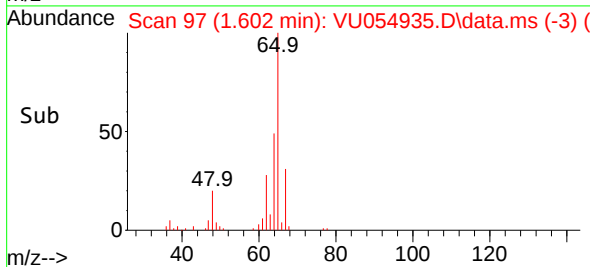
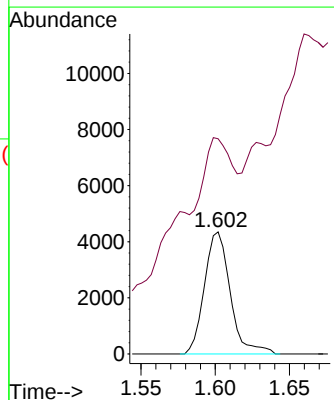
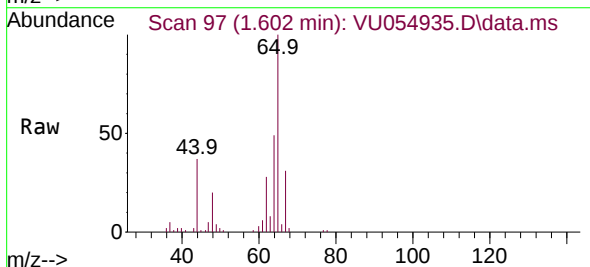


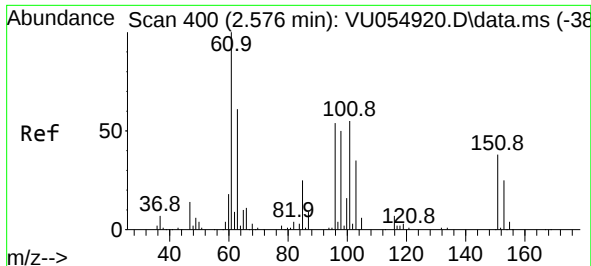
Tgt Ion: 50 Resp: 3566
Ion Ratio Lower Upper
50 100
52 35.0 23.4 43.6



#5
Vinyl chloride
Concen: 0.427 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Tgt Ion: 62 Resp: 5259
Ion Ratio Lower Upper
62 100
64 176.3 22.7 42.1#

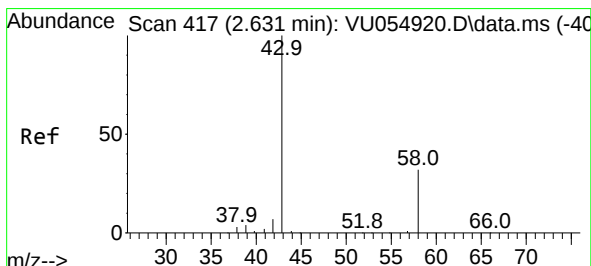
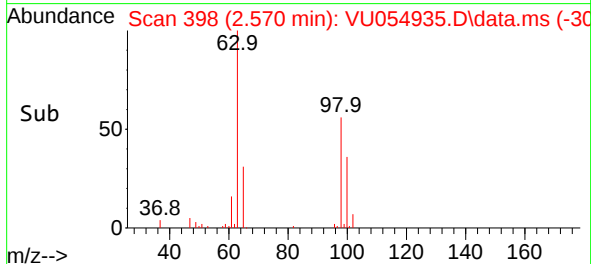
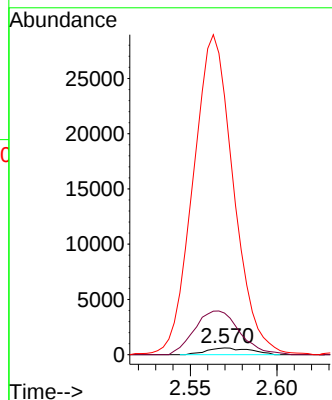
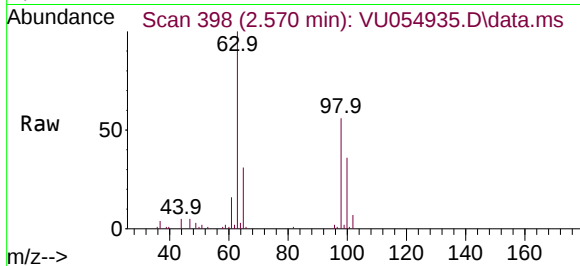




#12
1,1-Dichloroethene
Concen: 0.129 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.007 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

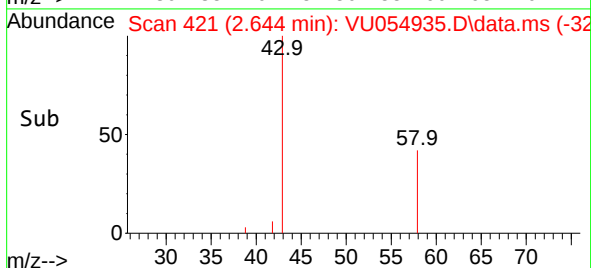
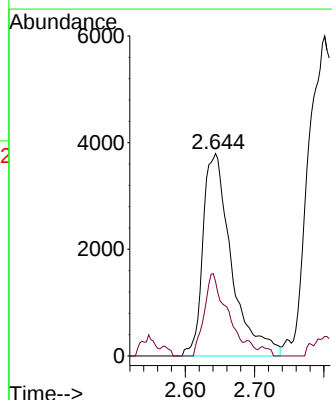
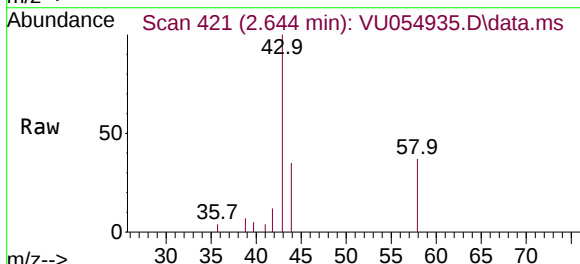
Instrument :
MSVOA_U
ClientSampleId :

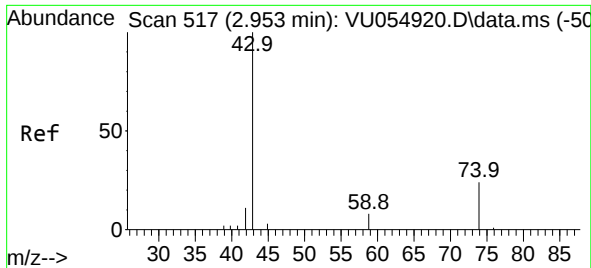
Tgt Ion: 96 Resp: 1071
Ion Ratio Lower Upper
96 100
61 622.5 132.4 245.8#
63 3865.1 82.5 153.1#



#13
Acetone
Concen: 6.433 ug/L
RT: 2.644 min Scan# 421
Delta R.T. 0.013 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Tgt Ion: 43 Resp: 10873
Ion Ratio Lower Upper
43 100
58 32.2 0.0 64.4

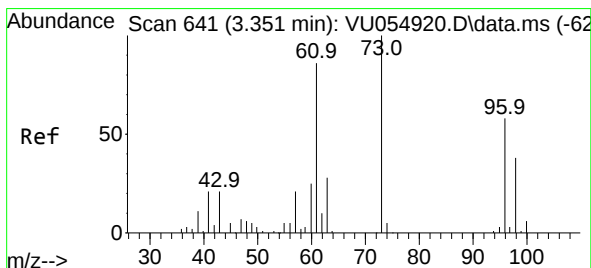
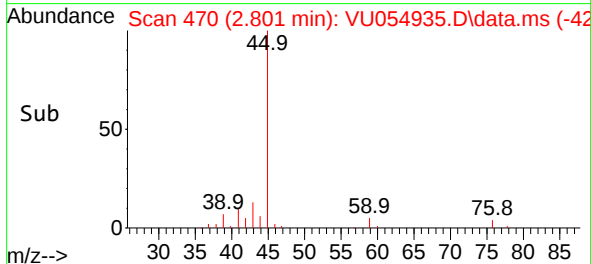
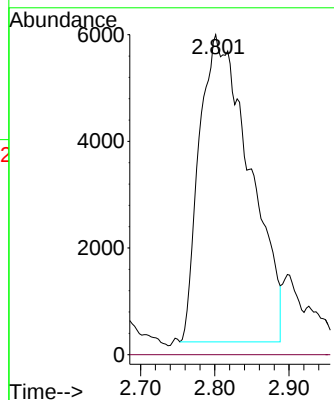
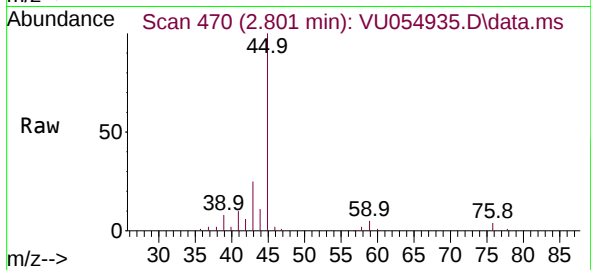




#15
Methyl Acetate
Concen: 7.836 ug/L
RT: 2.801 min Scan# 41
Delta R.T. -0.151 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

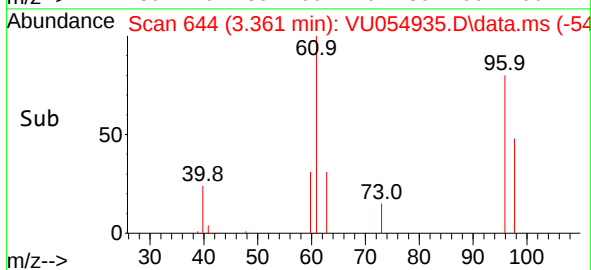
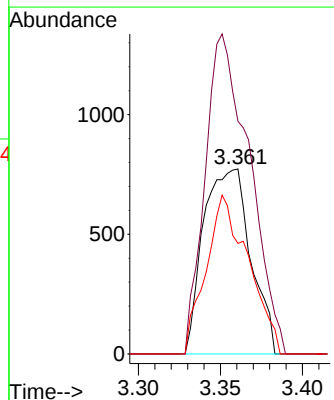
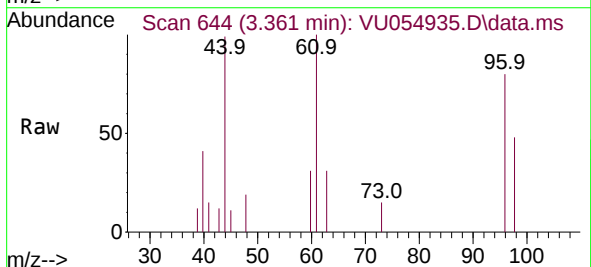
Instrument :
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ClientSampleId :

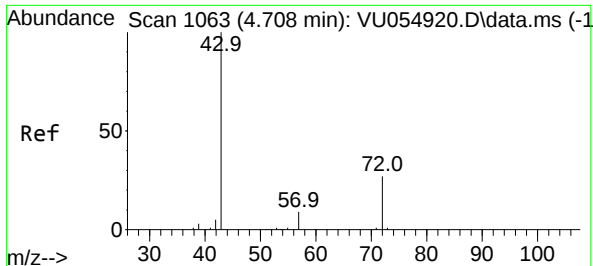
Tgt Ion: 43 Resp: 27115
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



#18
trans-1,2-Dichloroethene
Concen: 0.170 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.009 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Tgt Ion: 96 Resp: 1542
Ion Ratio Lower Upper
96 100
61 125.7 108.8 202.0
98 59.8 45.8 85.2

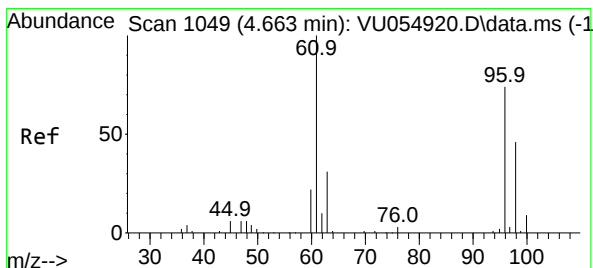
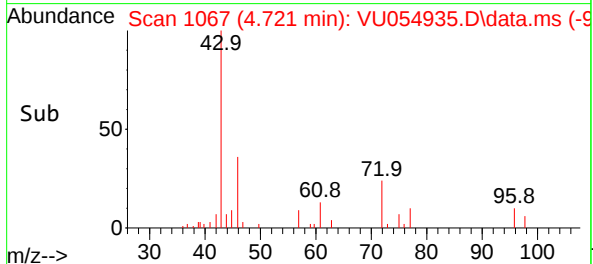
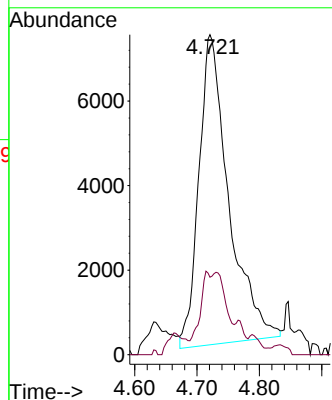
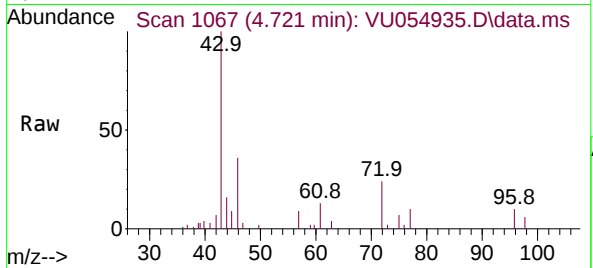




#21
2-Butanone
Concen: 9.417 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.013 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

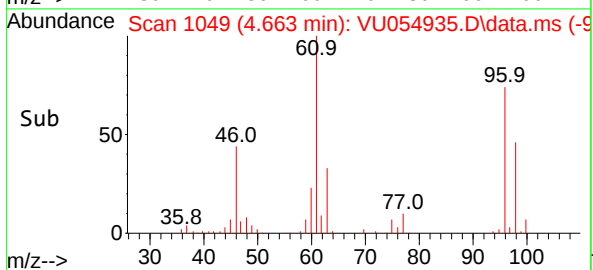
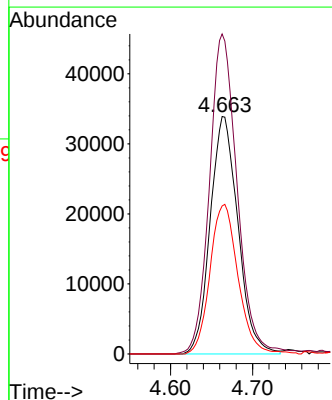
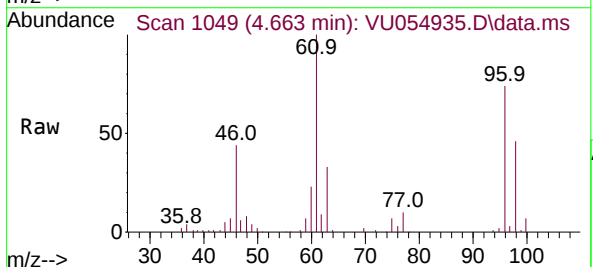
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MSVOA_U
ClientSampleId :

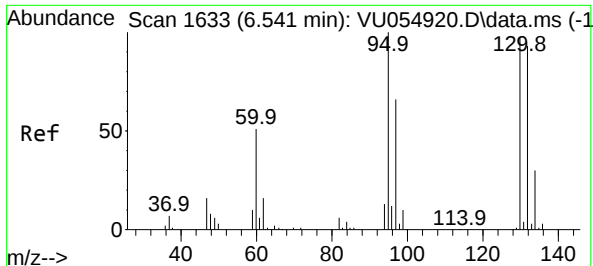
Tgt Ion: 43 Resp: 24390
Ion Ratio Lower Upper
43 100
72 6.9 14.1 42.3#



#22
cis-1,2-Dichloroethene
Concen: 7.381 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Tgt Ion: 96 Resp: 79695
Ion Ratio Lower Upper
96 100
61 134.8 88.4 164.2
98 62.4 44.0 81.6





#34

Trichloroethene

Concen: 4.830 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054935.D

Acq: 28 Aug 2023 19:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 56484

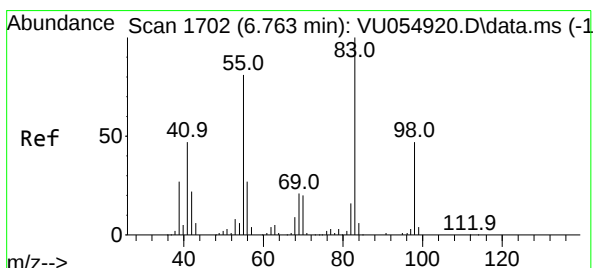
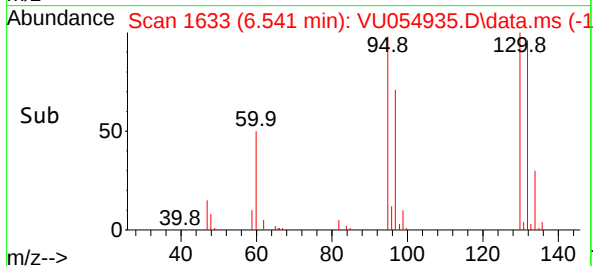
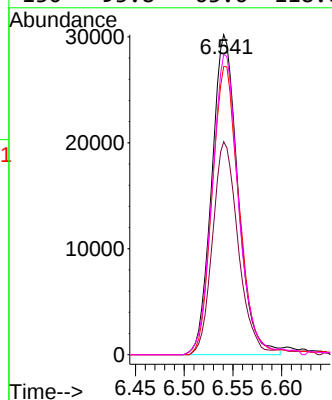
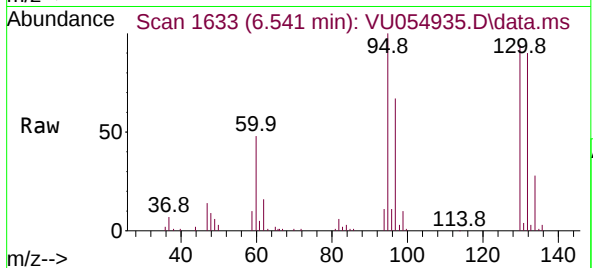
Ion Ratio Lower Upper

95 100

97 66.6 44.1 81.9

132 90.1 63.6 118.2

130 93.8 63.6 118.0



#35

Methylcyclohexane

Concen: 0.893 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.074 min

Lab File: VU054935.D

Acq: 28 Aug 2023 19:51

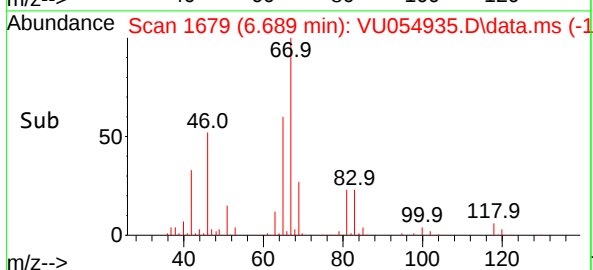
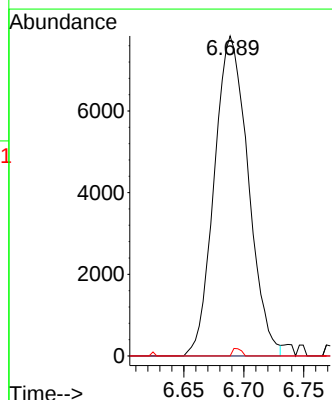
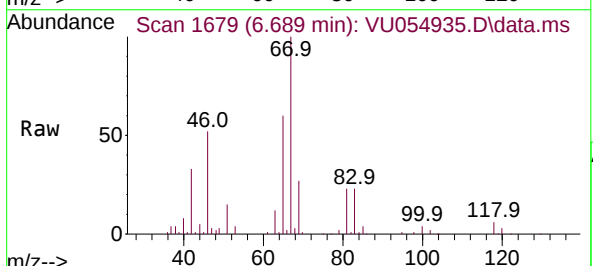
Tgt Ion: 83 Resp: 15443

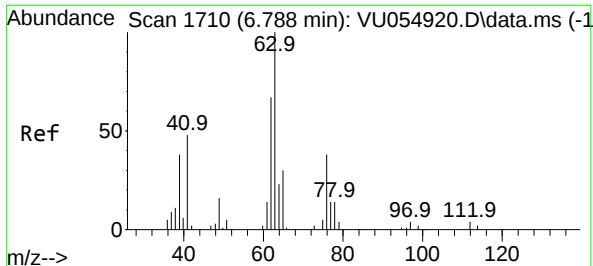
Ion Ratio Lower Upper

83 100

55 0.1 62.1 93.1#

98 0.0 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054935.D

Acq: 28 Aug 2023 19:51

Instrument :

MSVOA_U

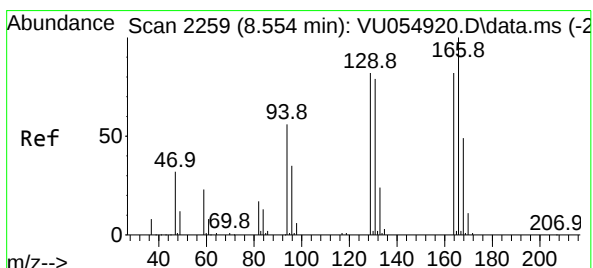
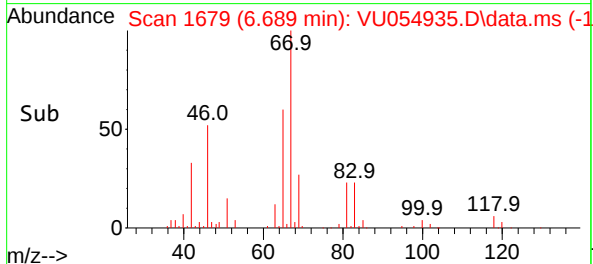
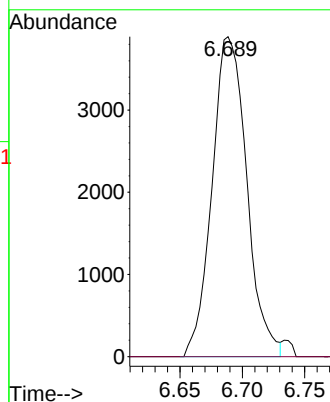
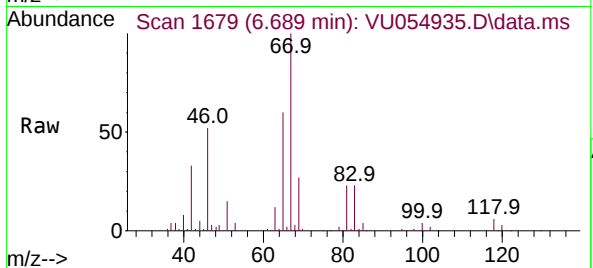
ClientSampleId :

Tgt Ion: 63 Resp: 7539

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#47

Tetrachloroethene

Concen: 0.548 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.003 min

Lab File: VU054935.D

Acq: 28 Aug 2023 19:51

Tgt Ion: 164 Resp: 4609

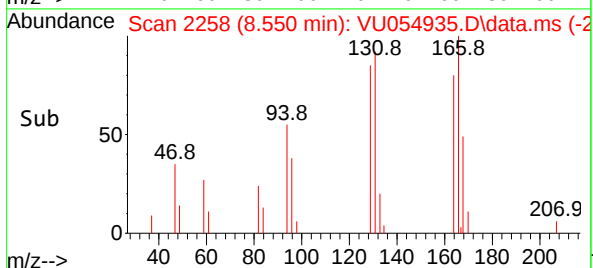
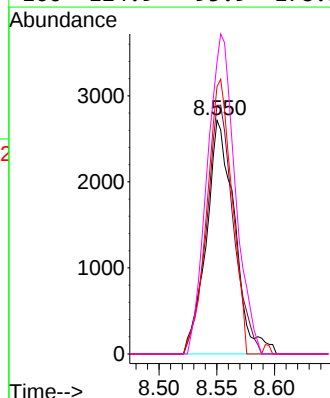
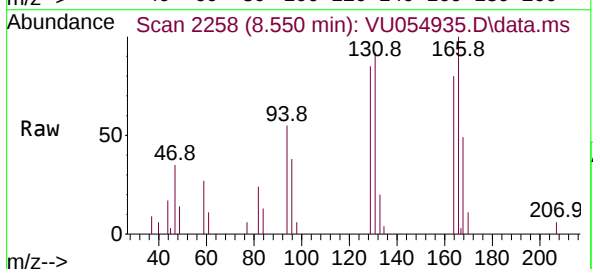
Ion Ratio Lower Upper

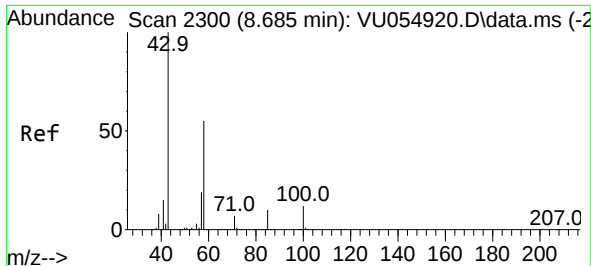
164 100

129 106.4 72.8 135.2

131 114.4 70.7 131.3

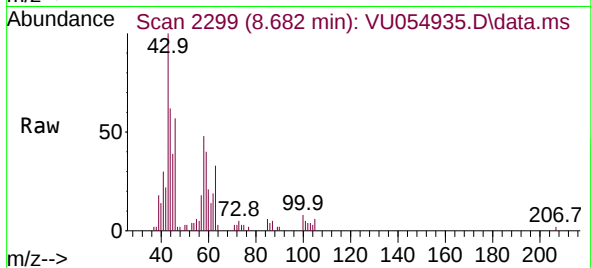
166 124.9 95.9 178.1



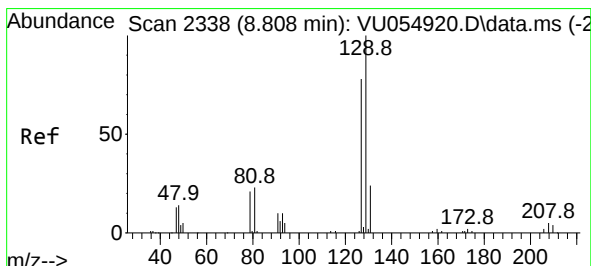
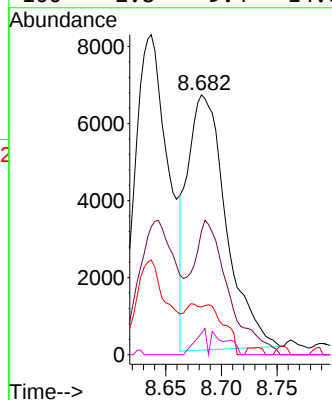
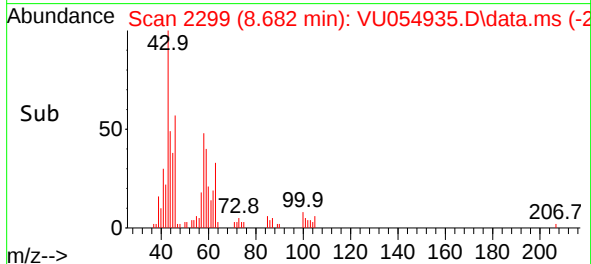


#48
2-Hexanone
Concen: 3.296 ug/L
RT: 8.682 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Instrument :
MSVOA_U
ClientSampleId :

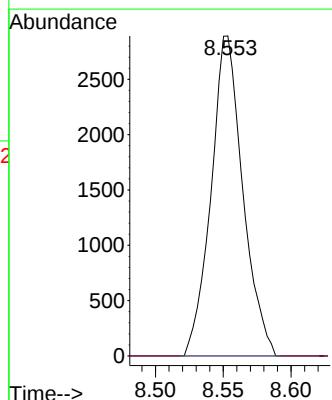
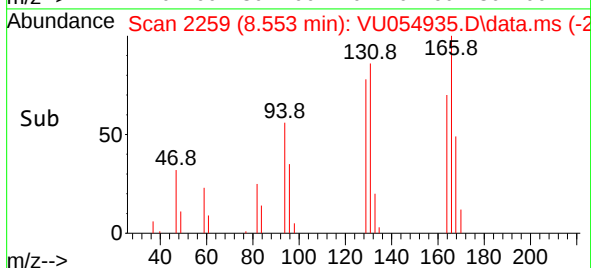
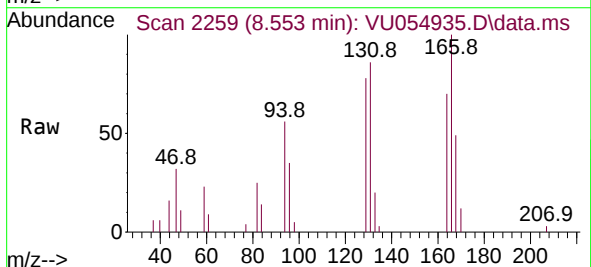


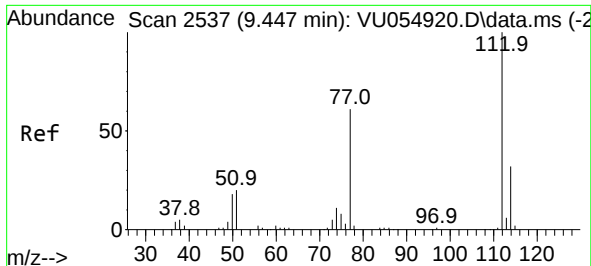
Tgt Ion: 43 Resp: 16007
Ion Ratio Lower Upper
43 100
58 46.4 44.0 66.0
57 1.7 15.9 23.9#
100 2.8 9.4 14.0#



#49
Dibromochloromethane
Concen: 0.513 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.254 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Tgt Ion: 129 Resp: 4716
Ion Ratio Lower Upper
129 100
127 0.0 60.5 112.5#

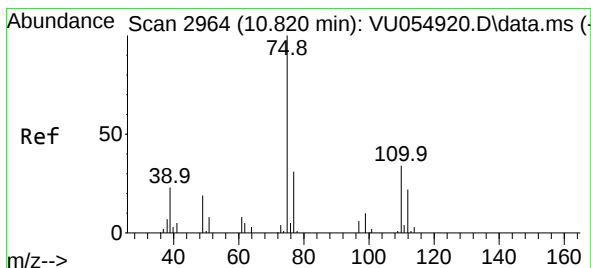
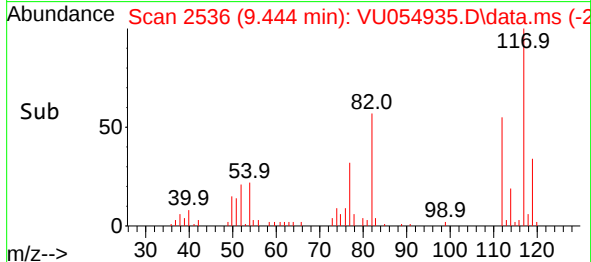
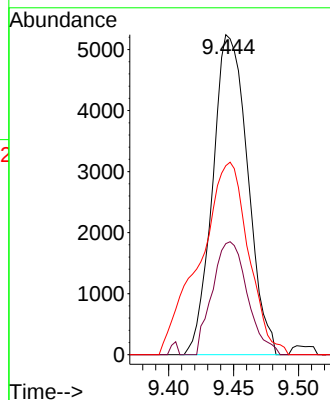
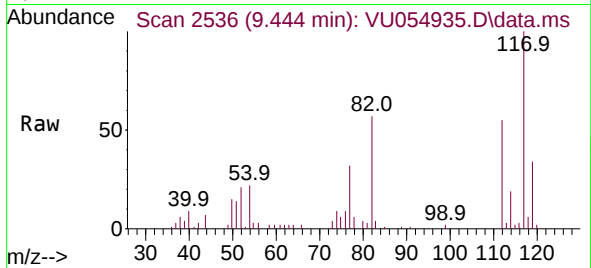




#51
Chlorobenzene
Concen: 0.322 ug/L
RT: 9.444 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	112	Resp:	9825
Ion	Ratio	Lower	Upper
112	100		
114	34.7	23.4	43.4
77	59.0	49.3	73.9



#61
1,2,3-Trichloropropane
Concen: 1.895 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU054935.D
Acq: 28 Aug 2023 19:51

Tgt Ion:	75	Resp:	13213
Ion	Ratio	Lower	Upper
75	100		
110	2.8	29.0	43.6#
77	33.6	26.5	39.7

