

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054985.D
 Acq On : 30 Aug 2023 03:42
 Operator : MD/SY
 Sample : 04173-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 04:02:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167578	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	164562	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	82101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23192	4.385	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.911	69	30705	4.494	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.800%	
11) 1,1-Dichloroethene-d2	2.563	65	14123	4.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.400%	
20) 2-Butanone-d5	4.628	46	169591	59.401	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.800%	
24) Chloroform-d	5.062	84	92619	4.721	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4	5.701	65	51580	4.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.800%	
32) Benzene-d6	5.727	84	165350	4.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.689	67	60253	4.631	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.600%	
41) Toluene-d8	7.897	98	144714	4.085	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	8.180	79	16739	3.910	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.200%	
46) 2-Hexanone-d5	8.631	63	108553	53.418	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.840%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55797	5.001	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	63368	4.834	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.600%	
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3565	0.329	ug/L	86
5) Vinyl chloride	1.602	62	4917	0.437	ug/L #	1
12) 1,1-Dichloroethene	2.570	96	887	0.117	ug/L #	1
13) Acetone	2.637	43	13353	8.653	ug/L	99
14) Carbon disulfide	2.788	76	3527	0.168	ug/L #	89
15) Methyl Acetate	2.785	43	14968	4.738	ug/L #	51
18) trans-1,2-Dichloroethene	3.354	96	1947	0.235	ug/L #	89
19) 1,1-Dichloroethane	3.885	63	1767	0.102	ug/L #	80
21) 2-Butanone	4.714	43	32556	13.767	ug/L #	69
22) cis-1,2-Dichloroethene	4.663	96	78046	7.917	ug/L	95
34) Trichloroethene	6.541	95	52715	4.900	ug/L	98
35) Methylcyclohexane	6.685	83	13653	0.858	ug/L #	20
37) 1,2-Dichloropropane	6.692	63	6765	0.625	ug/L #	90
47) Tetrachloroethene	8.553	164	4642	0.600	ug/L	91
48) 2-Hexanone	8.685	43	13184	2.951	ug/L #	91
49) Dibromochloromethane	8.553	129	4619	0.546	ug/L #	6
51) Chlorobenzene	9.447	112	8890	0.317	ug/L	98
61) 1,2,3-Trichloropropane	11.810	75	11245	1.839	ug/L #	69

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
Data File : VU054985.D
Acq On : 30 Aug 2023 03:42
Operator : MD/SY
Sample : 04173-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 30 04:02:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 30 01:18:16 2023
Response via : Initial Calibration

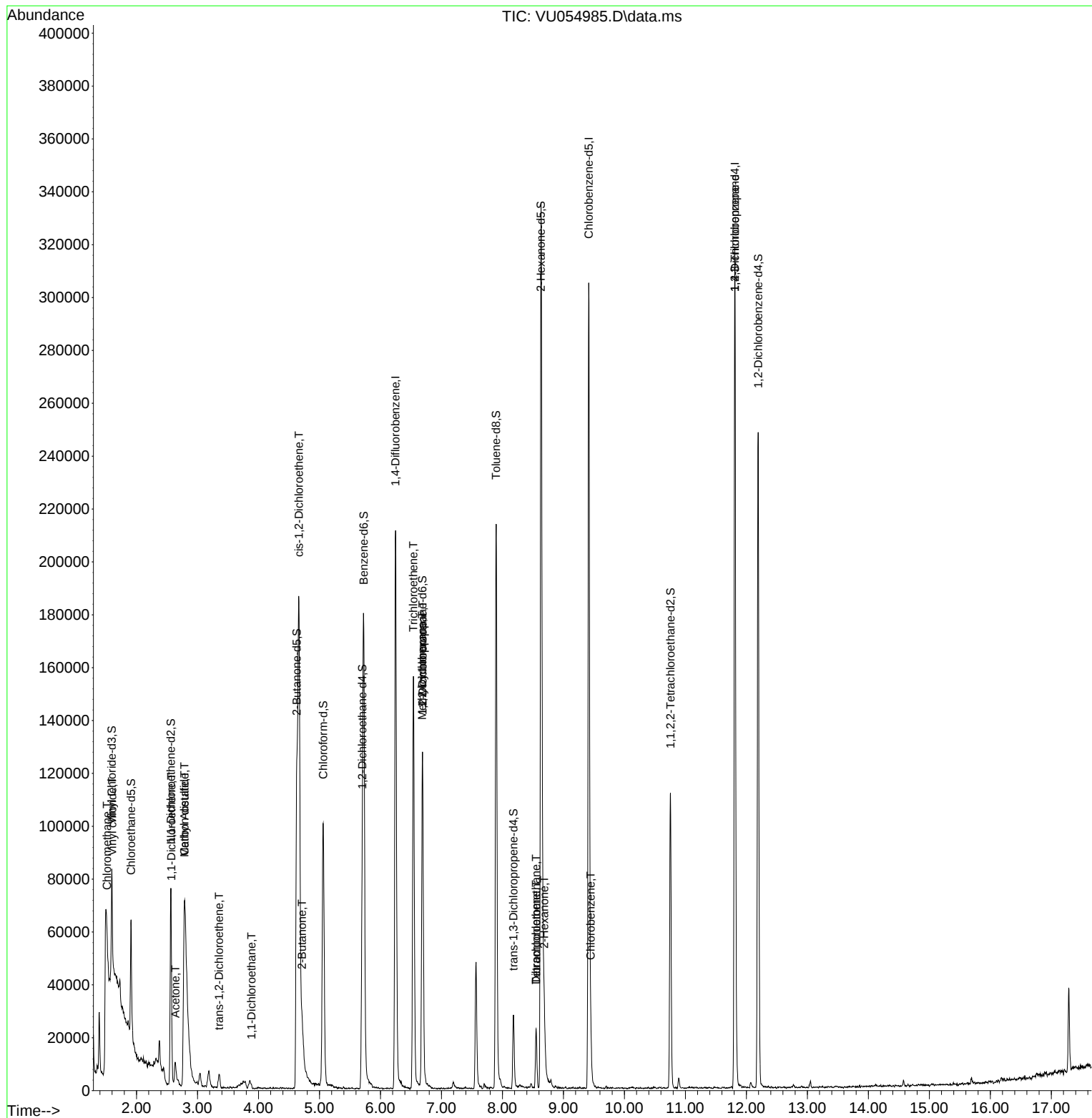
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

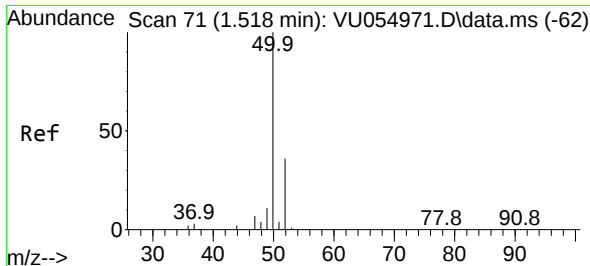
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
Data File : VU054985.D
Acq On : 30 Aug 2023 03:42
Operator : MD/SY
Sample : 04173-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

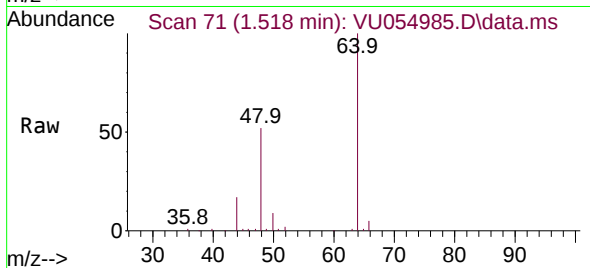
Quant Time: Aug 30 04:02:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 30 01:18:16 2023
Response via : Initial Calibration



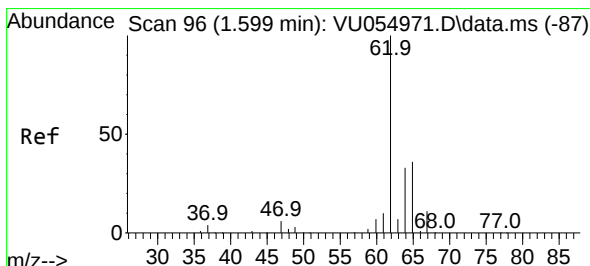
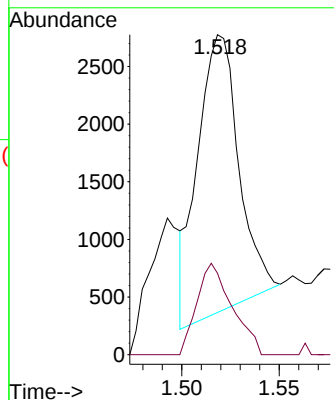
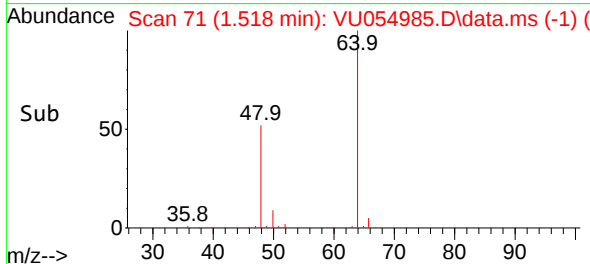


#3
Chloromethane
Concen: 0.329 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

Instrument :
MSVOA_U
ClientSampleId :

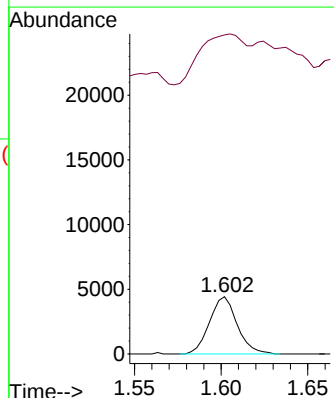
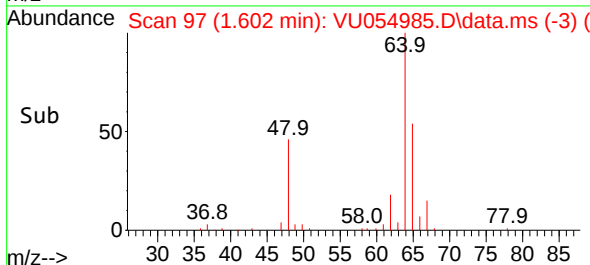
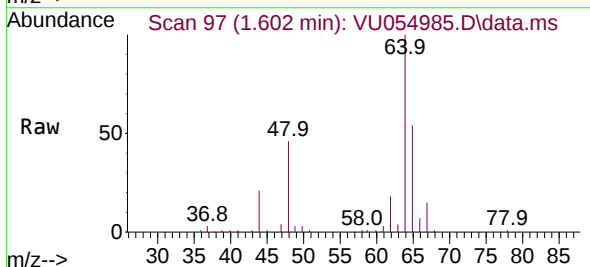


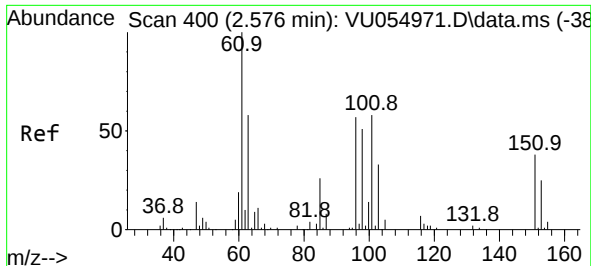
Tgt Ion: 50 Resp: 3565
Ion Ratio Lower Upper
50 100
52 25.5 23.4 43.6



#5
Vinyl chloride
Concen: 0.437 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

Tgt Ion: 62 Resp: 4917
Ion Ratio Lower Upper
62 100
64 556.2 22.7 42.1#





#12

1,1-Dichloroethene

Concen: 0.117 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU054985.D

Acq: 30 Aug 2023 03:42

Instrument :

MSVOA_U

ClientSampleId :

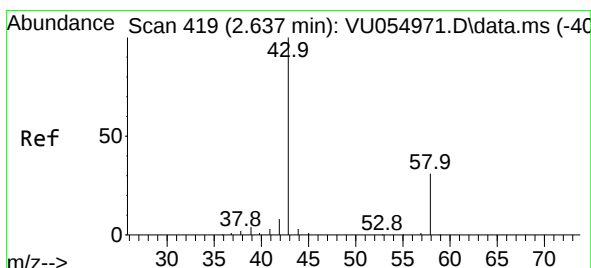
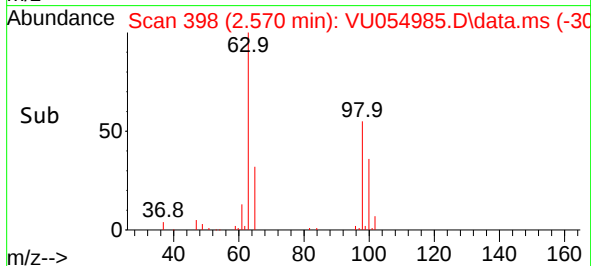
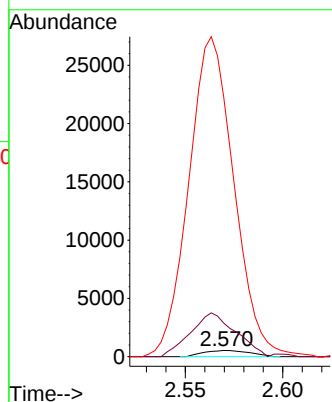
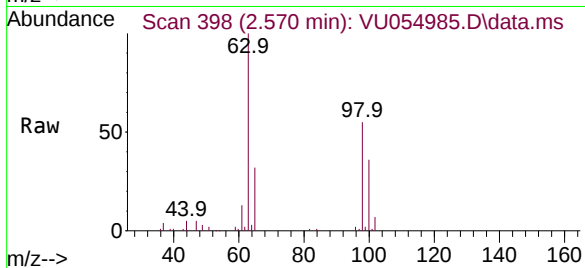
Tgt Ion: 96 Resp: 887

Ion Ratio Lower Upper

96 100

61 541.0 132.4 245.8#

63 4188.0 82.5 153.1#



#13

Acetone

Concen: 8.653 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.000 min

Lab File: VU054985.D

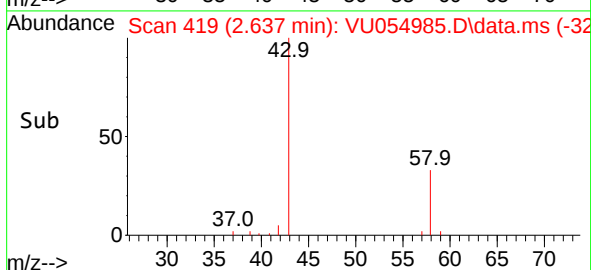
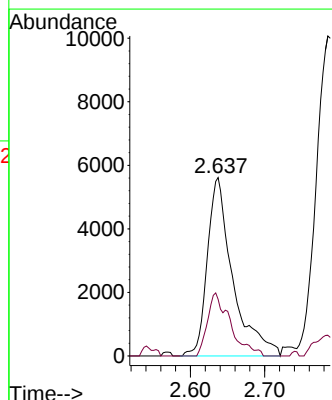
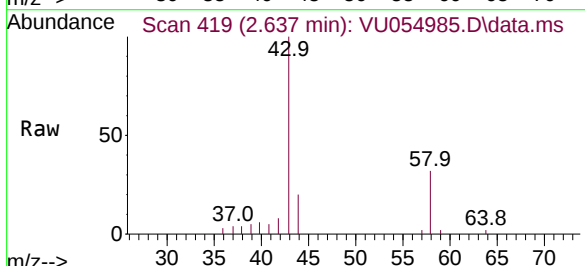
Acq: 30 Aug 2023 03:42

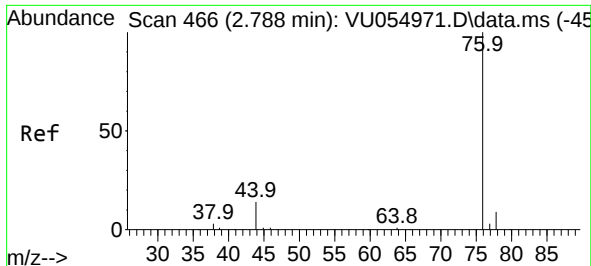
Tgt Ion: 43 Resp: 13353

Ion Ratio Lower Upper

43 100

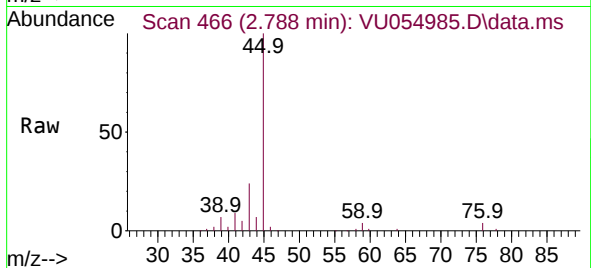
58 31.9 0.0 64.4



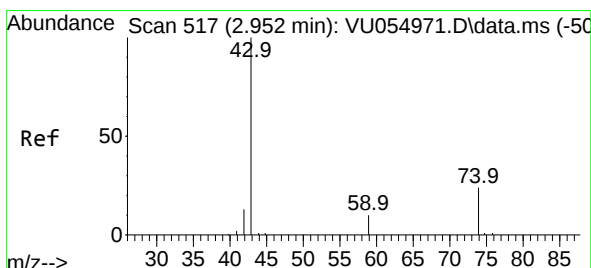
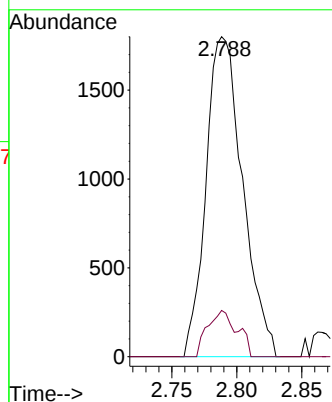
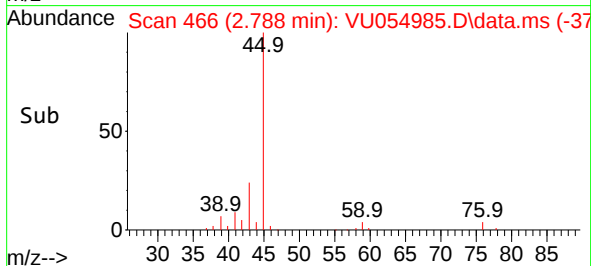


#14
Carbon disulfide
Concen: 0.168 ug/L
RT: 2.788 min Scan# 466
Delta R.T. -0.000 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

Instrument :
MSVOA_U
ClientSampleId :

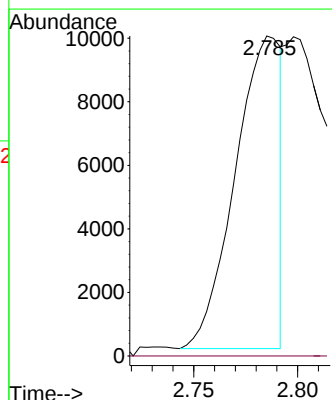
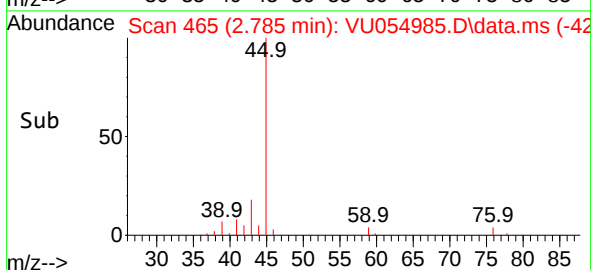
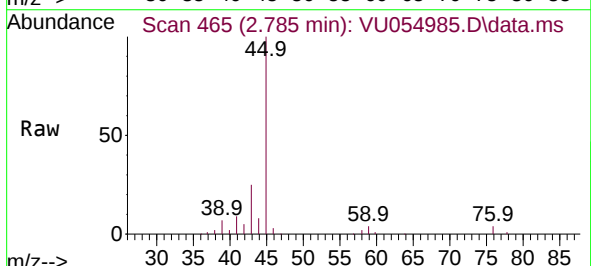


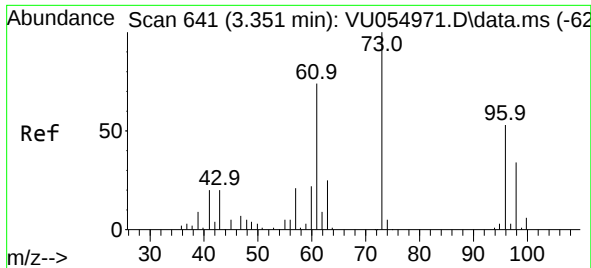
Tgt Ion: 76 Resp: 3527
Ion Ratio Lower Upper
76 100
78 14.4 8.2 12.2#



#15
Methyl Acetate
Concen: 4.738 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.167 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

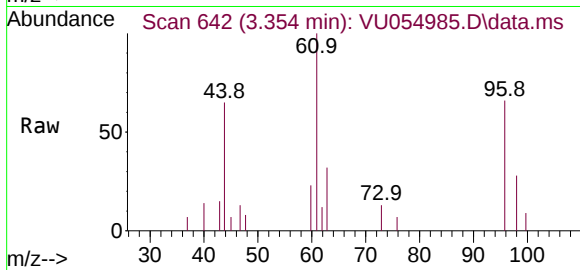
Tgt Ion: 43 Resp: 14968
Ion Ratio Lower Upper
43 100
74 0.0 19.5 29.3#



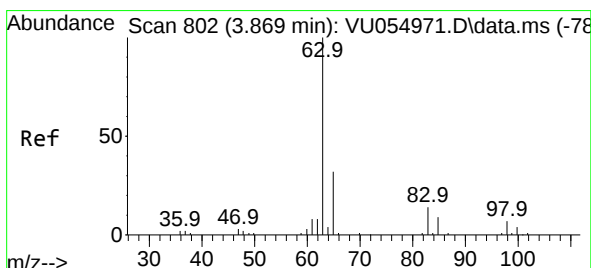
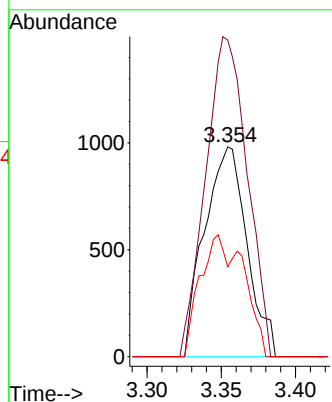
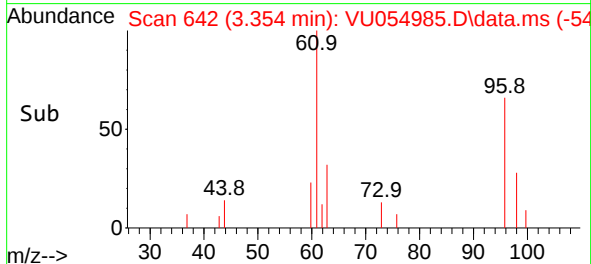


#18
trans-1,2-Dichloroethene
Concen: 0.235 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

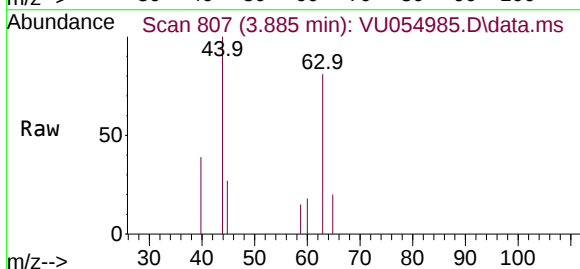
Instrument :
MSVOA_U
ClientSampleId :



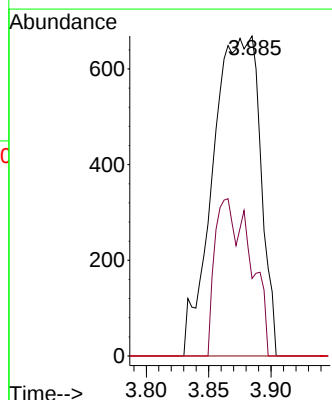
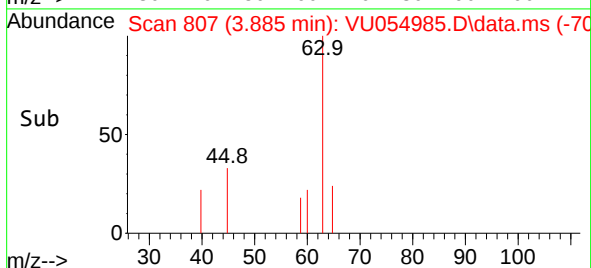
Tgt Ion: 96 Resp: 1947
Ion Ratio Lower Upper
96 100
61 151.0 108.8 202.0
98 42.8 45.8 85.2#

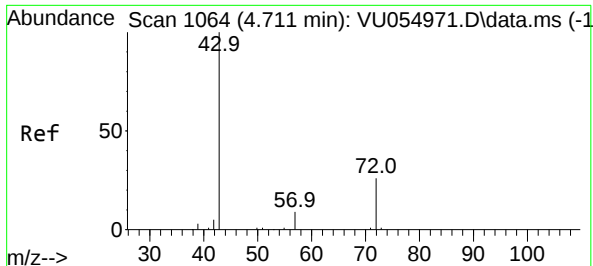


#19
1,1-Dichloroethane
Concen: 0.102 ug/L
RT: 3.885 min Scan# 807
Delta R.T. 0.016 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42



Tgt Ion: 63 Resp: 1767
Ion Ratio Lower Upper
63 100
65 24.2 22.5 41.7
83 0.0 9.5 17.7#

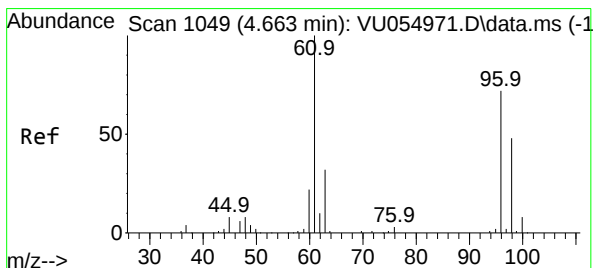
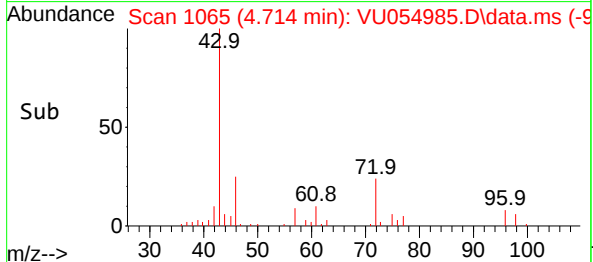
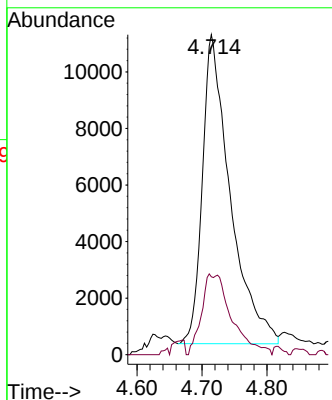
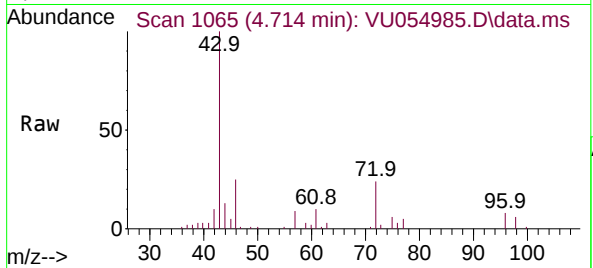




#21
2-Butanone
Concen: 13.767 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

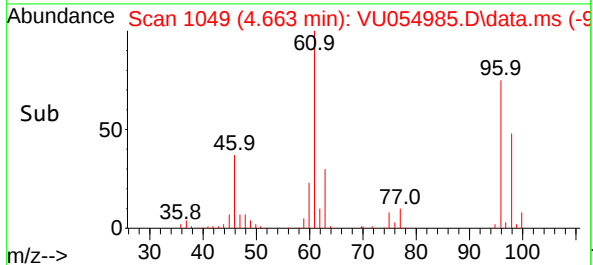
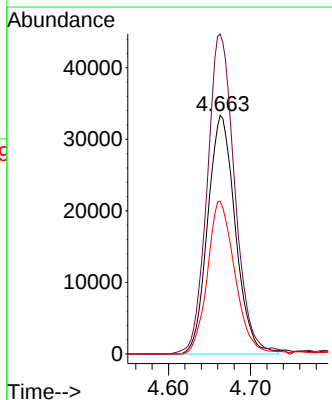
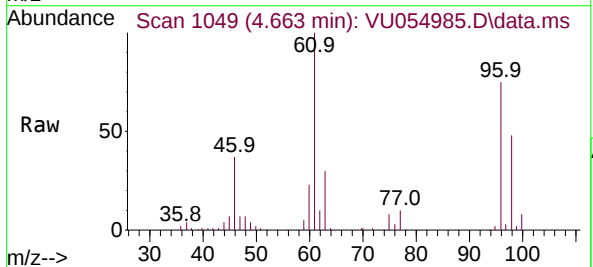
Instrument :
MSVOA_U
ClientSampleId :

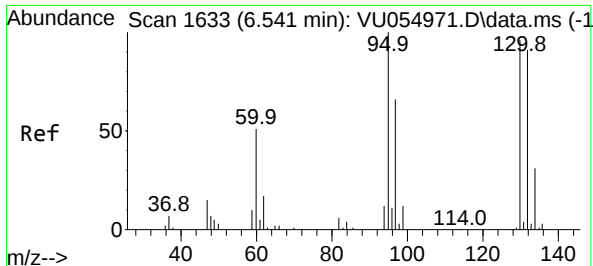
Tgt Ion: 43 Resp: 32556
Ion Ratio Lower Upper
43 100
72 11.6 14.1 42.3#



#22
cis-1,2-Dichloroethene
Concen: 7.917 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

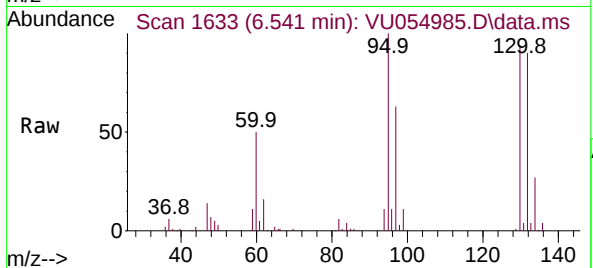
Tgt Ion: 96 Resp: 78046
Ion Ratio Lower Upper
96 100
61 134.1 88.4 164.2
98 64.1 44.0 81.6



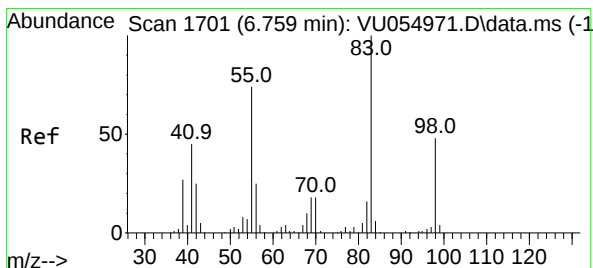
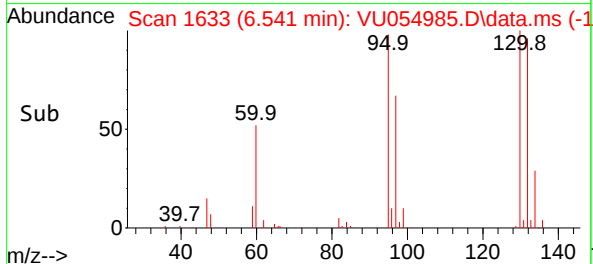
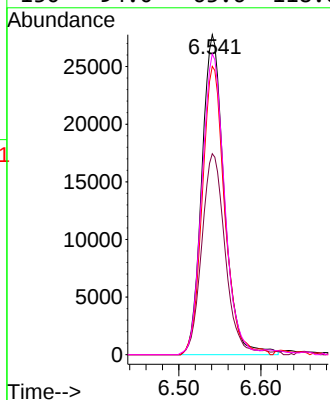


#34
Trichloroethene
Concen: 4.900 ug/L
RT: 6.541 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

Instrument :
MSVOA_U
ClientSampleId :

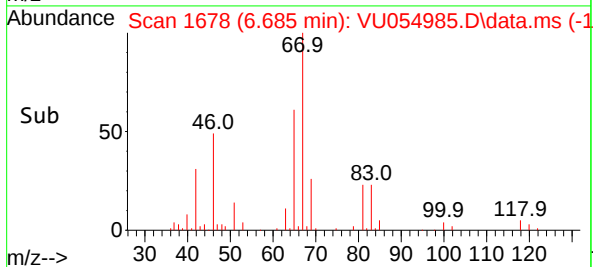
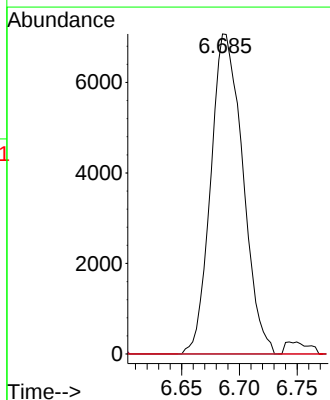
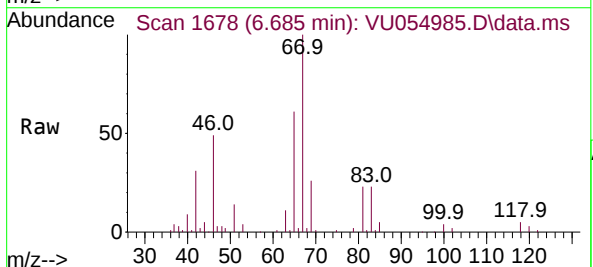


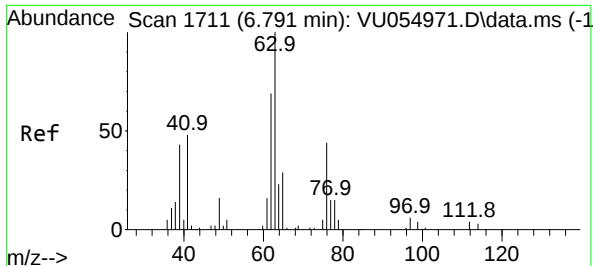
Tgt Ion:	95	Resp:	52715
Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.1	81.9
132	90.1	63.6	118.2
130	94.0	63.6	118.0



#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

Tgt Ion:	83	Resp:	13653
Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.1	93.1#
98	4.6	37.8	56.6#





#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.692 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU054985.D

Acq: 30 Aug 2023 03:42

Instrument :

MSVOA_U

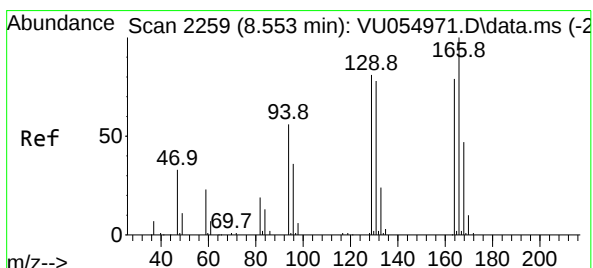
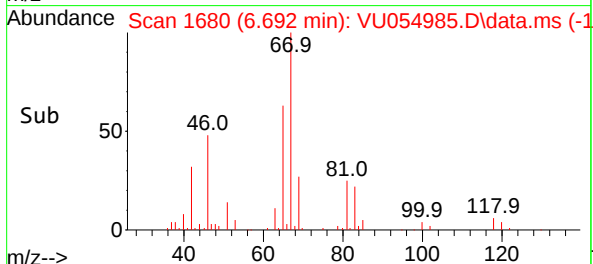
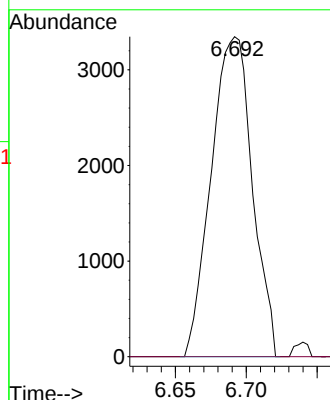
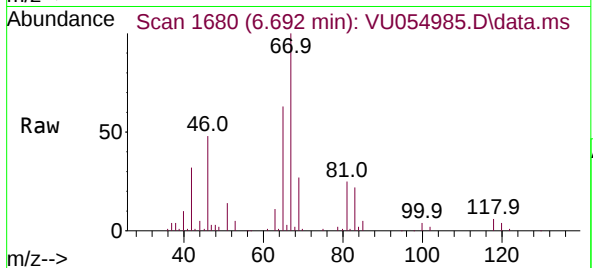
ClientSampleId :

Tgt Ion: 63 Resp: 6765

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#47

Tetrachloroethene

Concen: 0.600 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.000 min

Lab File: VU054985.D

Acq: 30 Aug 2023 03:42

Tgt Ion: 164 Resp: 4642

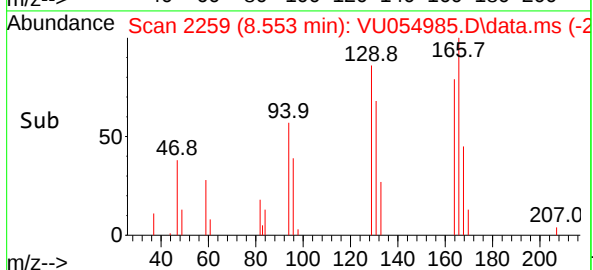
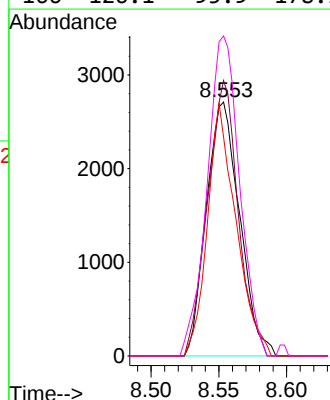
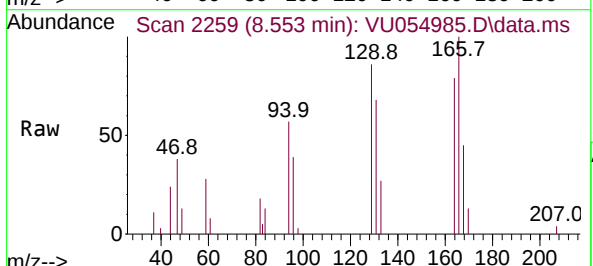
Ion Ratio Lower Upper

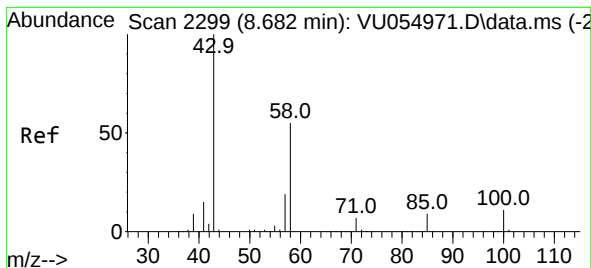
164 100

129 108.5 72.8 135.2

131 86.3 70.7 131.3

166 126.1 95.9 178.1





#48

2-Hexanone

Concen: 2.951 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.003 min

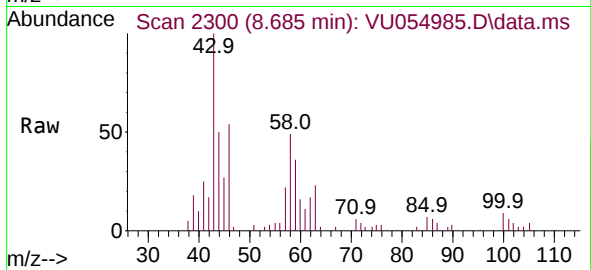
Lab File: VU054985.D

Acq: 30 Aug 2023 03:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 13184

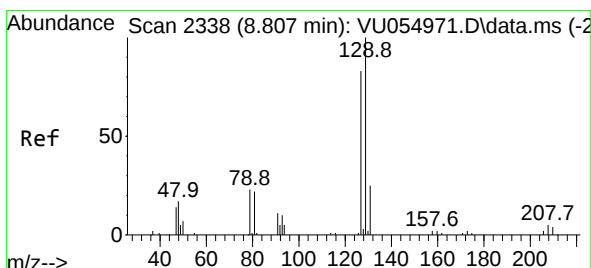
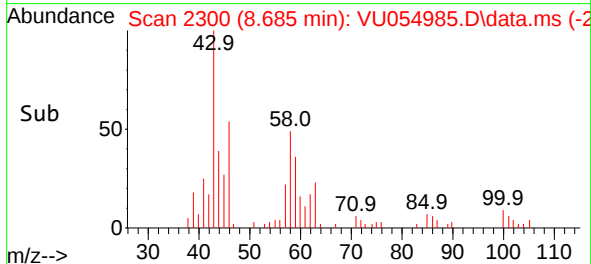
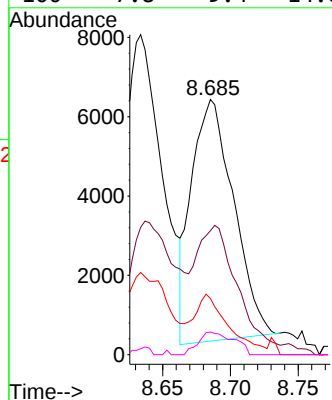
Ion Ratio Lower Upper

43 100

58 47.1 44.0 66.0

57 20.7 15.9 23.9

100 7.8 9.4 14.0#



#49

Dibromochloromethane

Concen: 0.546 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.254 min

Lab File: VU054985.D

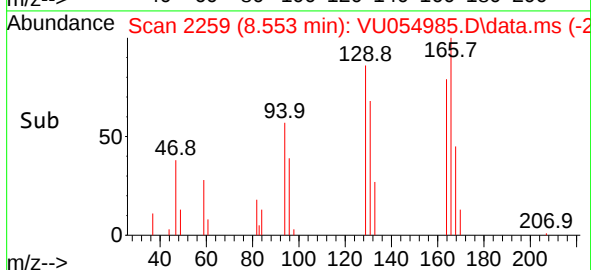
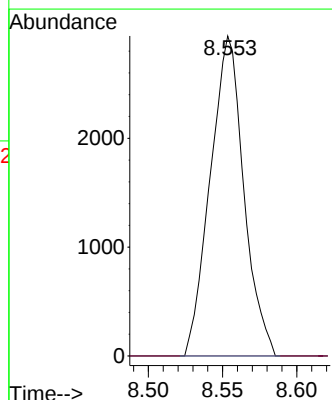
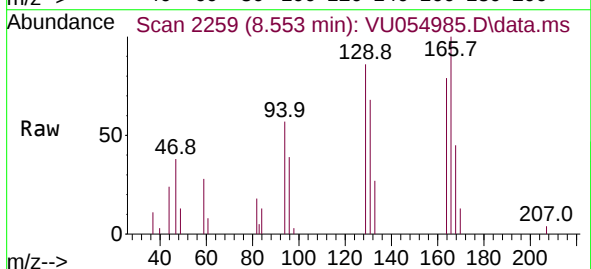
Acq: 30 Aug 2023 03:42

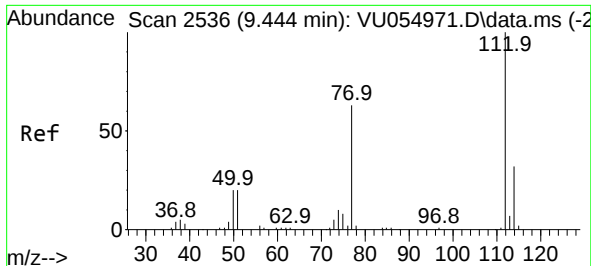
Tgt Ion: 129 Resp: 4619

Ion Ratio Lower Upper

129 100

127 0.0 60.5 112.5#

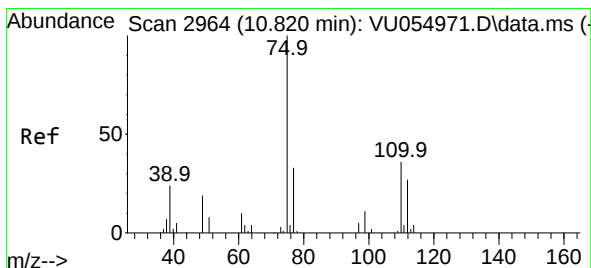
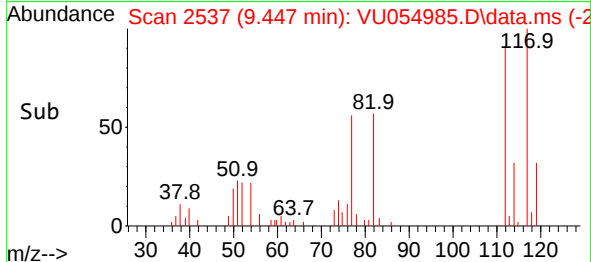
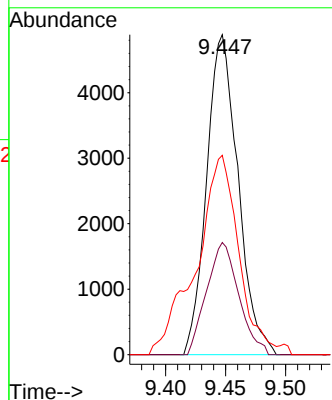
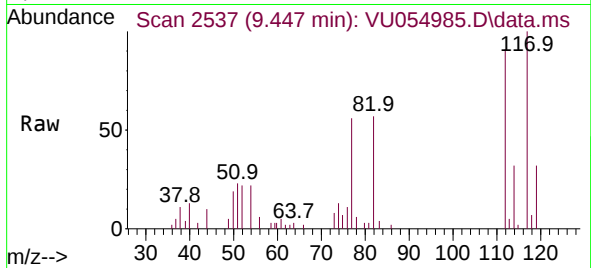




#51
Chlorobenzene
Concen: 0.317 ug/L
RT: 9.447 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	112	Resp:	8890
Ion Ratio	Lower	Upper	
112	100		
114	33.2	23.4	43.4
77	59.0	49.3	73.9



#61
1,2,3-Trichloropropane
Concen: 1.839 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU054985.D
Acq: 30 Aug 2023 03:42

Tgt Ion:	75	Resp:	11245
Ion Ratio	Lower	Upper	
75	100		
110	1.5	29.0	43.6#
77	32.7	26.5	39.7

