

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061622\
 Data File : VU049198.D
 Acq On : 16 Jun 2022 11:32
 Operator : SY/MD
 Sample : N3278-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 01:25:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 17 01:23:56 2022
 Response via : Initial Calibration

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

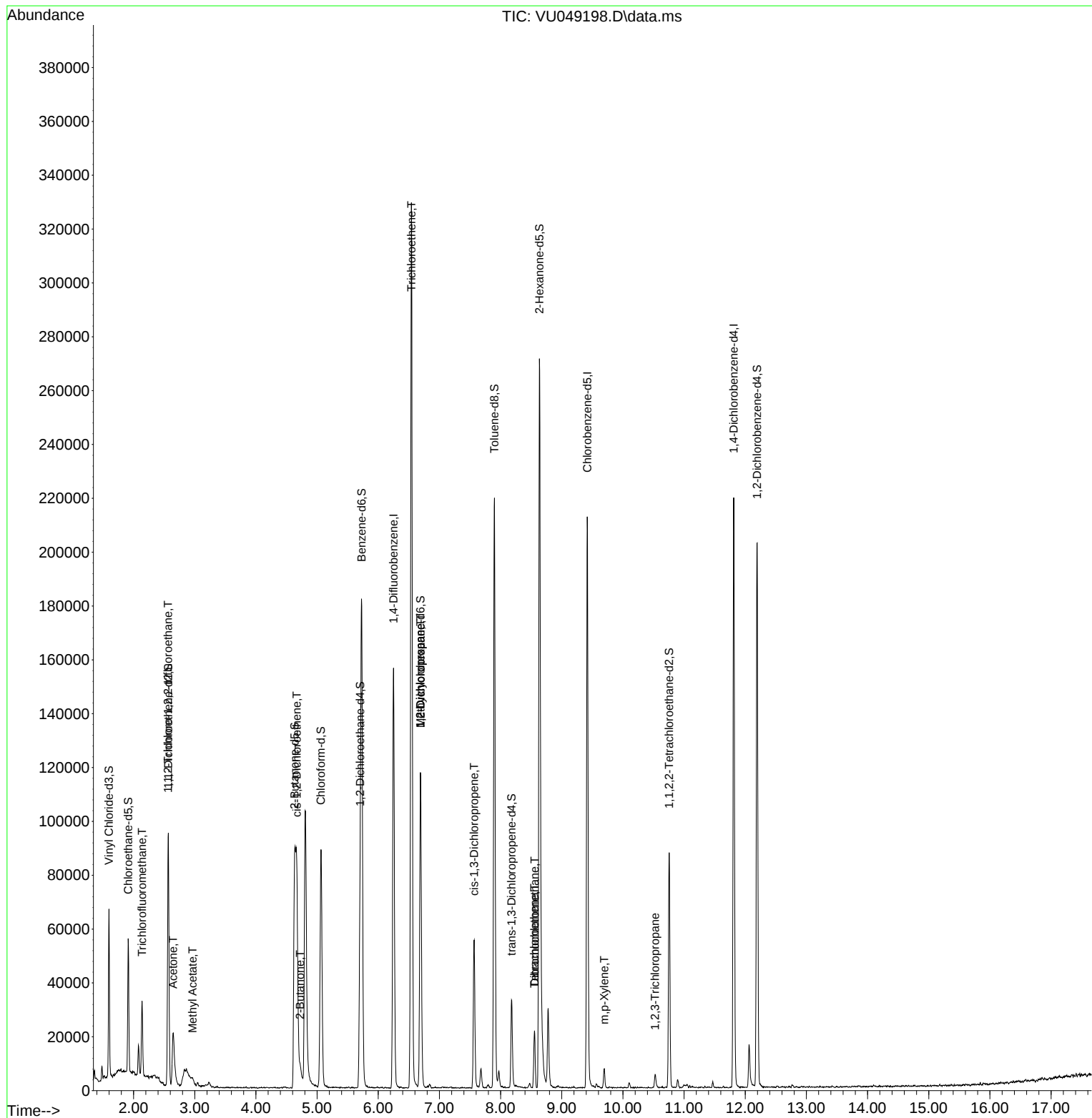
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	124140	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	114724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	55700	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	42500	3.918	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.912	69	33692	4.588	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.568	65	18852	4.321	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.400%	
20) 2-Butanone-d5	4.632	46	153330	52.941	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.880%	
24) Chloroform-d	5.063	84	81003	4.760	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.703	65	45287	4.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.000%	
32) Benzene-d6	5.729	84	162798	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.690	67	55590	4.739	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.899	98	142597	4.582	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.600%	
43) trans-1,3-Dichloroprop...	8.179	79	18839	3.615	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	72.400%	
46) 2-Hexanone-d5	8.636	63	93461	44.459	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.920%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	44160	4.702	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	51819	4.848	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	17062	1.409	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	367	0.051	ug/L #	21
13) Acetone	2.645	43	35037	24.443	ug/L	98
15) Methyl Acetate	2.964	43	3487	0.910	ug/L #	74
21) 2-Butanone	4.723	43	7294	2.669	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	29333	3.391	ug/L	96
34) Trichloroethene	6.542	95	112267	12.866	ug/L	97
35) Methylcyclohexane	6.690	83	12156	0.831	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	5921	0.631	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1468	0.103	ug/L #	68
47) Tetrachloroethene	8.552	164	4657	0.774	ug/L	95
49) Dibromochloromethane	8.555	129	4491	0.602	ug/L #	10
53) m,p-Xylene	9.697	106	2185	0.149	ug/L	85
61) 1,2,3-Trichloropropane	10.526	75	3184	0.509	ug/L #	40

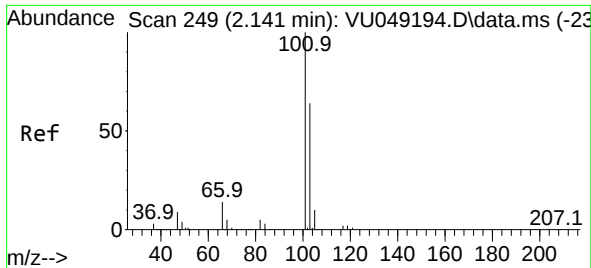
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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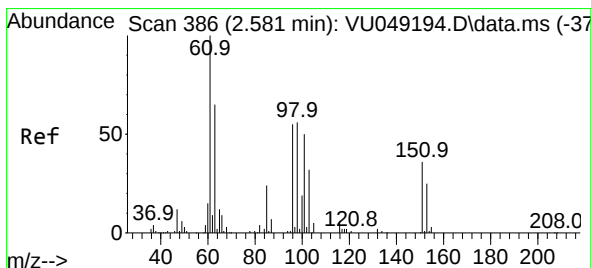
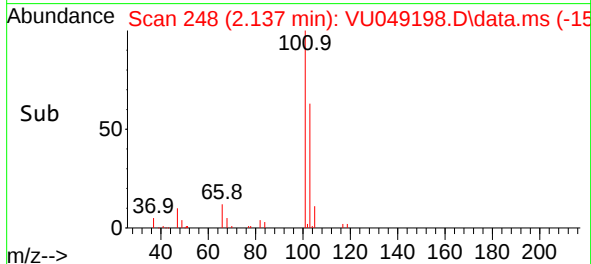
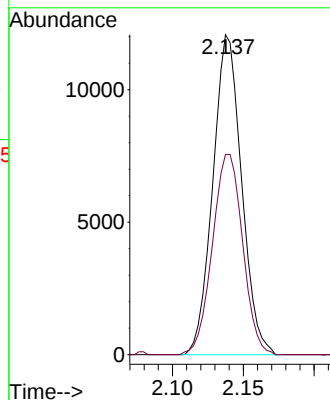
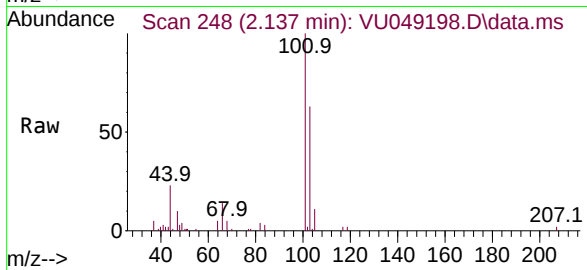




#9
 Trichlorofluoromethane
 Concen: 1.409 ug/L
 RT: 2.137 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VU049198.D
 Acq: 16 Jun 2022 11:32

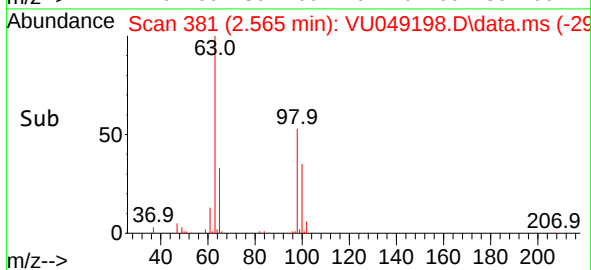
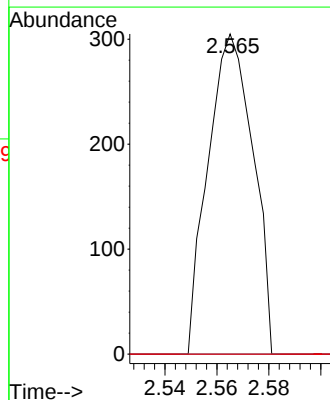
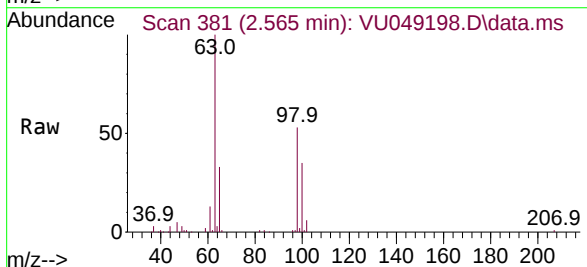
Instrument :
 MSVOA_U
 ClientSampleId :

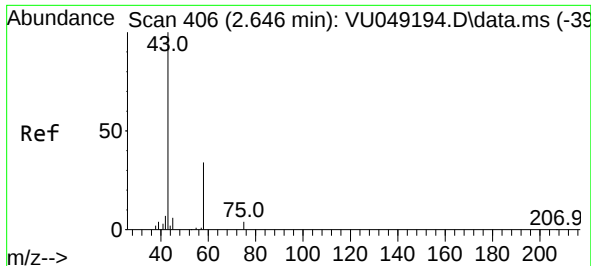
Tgt Ion:101 Resp: 17062
 Ion Ratio Lower Upper
 101 100
 103 65.8 53.5 80.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.051 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.016 min
 Lab File: VU049198.D
 Acq: 16 Jun 2022 11:32

Tgt Ion:101 Resp: 367
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.1 54.1#
 151 0.0 56.8 85.2#





#13

Acetone

Concen: 24.443 ug/L

RT: 2.645 min Scan# 406

Delta R.T. -0.000 min

Lab File: VU049198.D

Acq: 16 Jun 2022 11:32

Instrument :

MSVOA_U

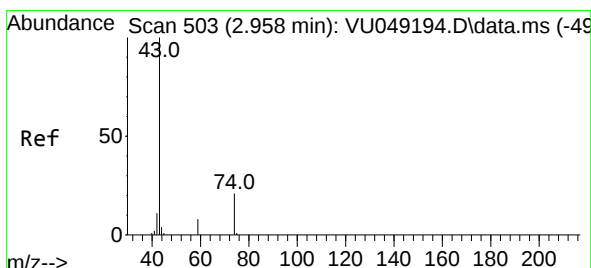
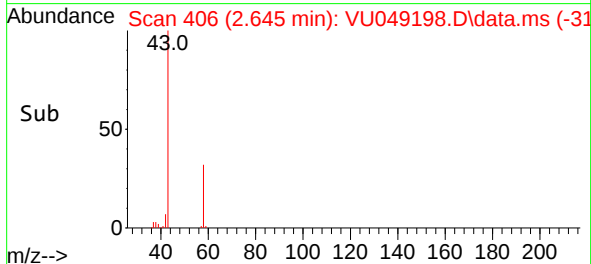
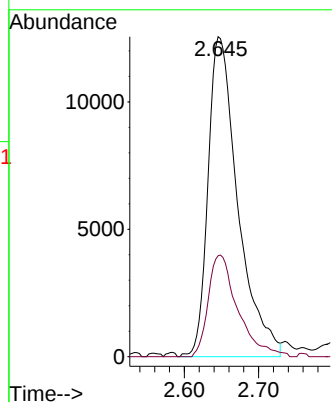
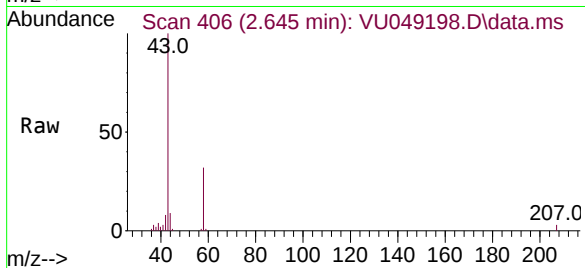
ClientSampleId :

Tgt Ion: 43 Resp: 35037

Ion Ratio Lower Upper

43 100

58 31.5 0.0 65.8



#15

Methyl Acetate

Concen: 0.910 ug/L

RT: 2.964 min Scan# 505

Delta R.T. 0.006 min

Lab File: VU049198.D

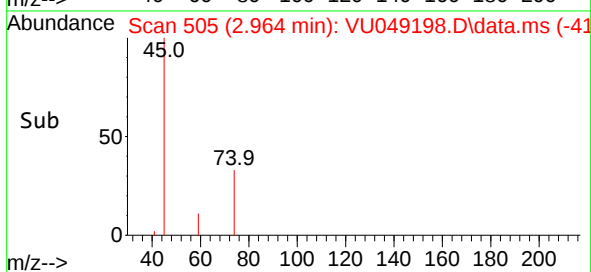
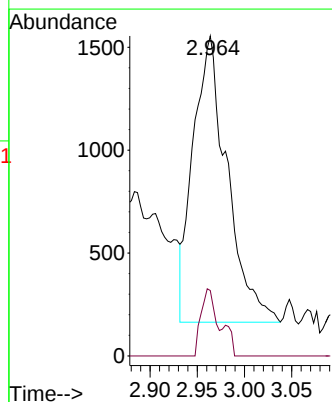
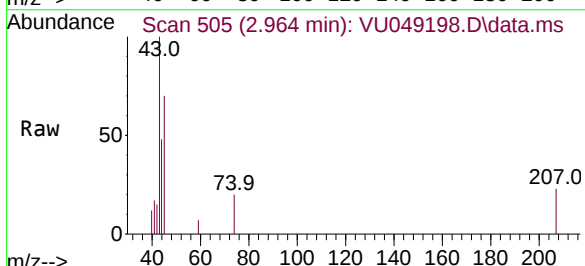
Acq: 16 Jun 2022 11:32

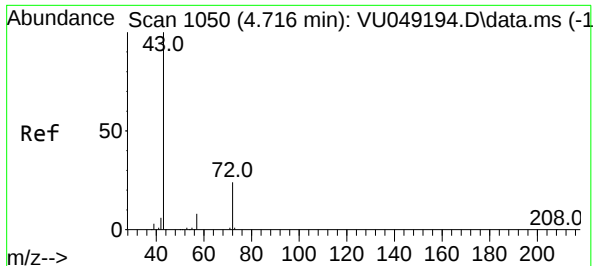
Tgt Ion: 43 Resp: 3487

Ion Ratio Lower Upper

43 100

74 9.8 17.6 26.4#

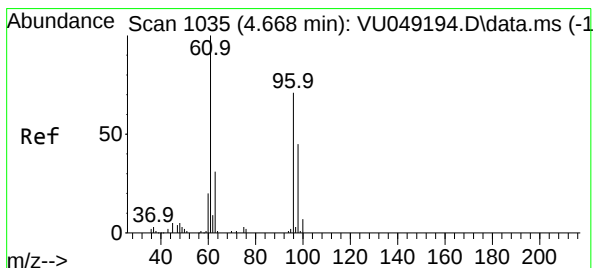
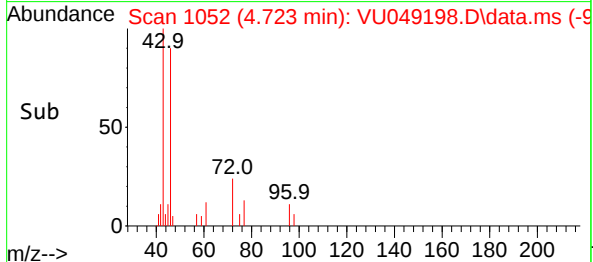
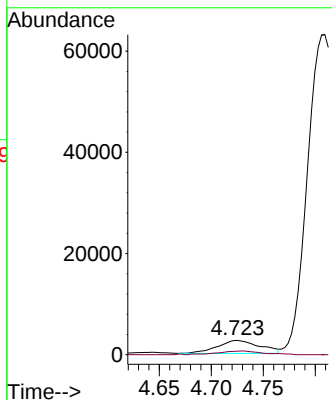
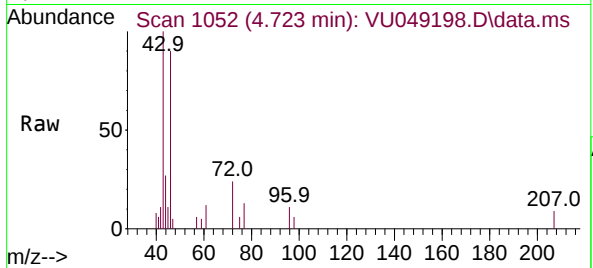




#21
2-Butanone
Concen: 2.669 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VU049198.D
Acq: 16 Jun 2022 11:32

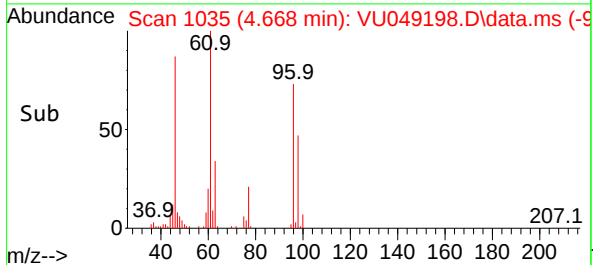
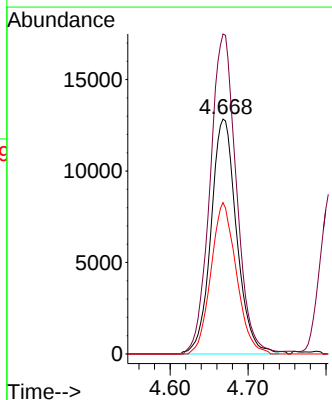
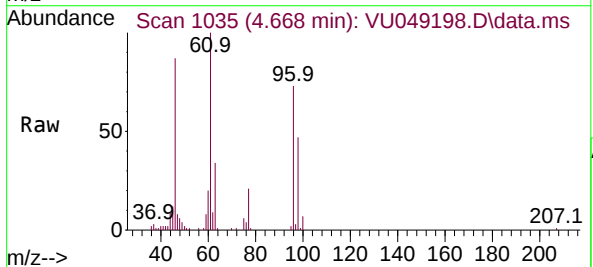
Instrument :
MSVOA_U
ClientSampleId :

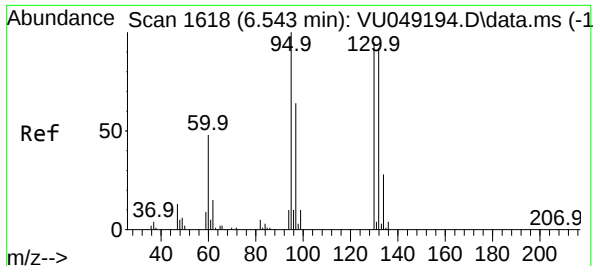
Tgt Ion: 43 Resp: 7294
Ion Ratio Lower Upper
43 100
72 28.9 12.2 36.6



#22
cis-1,2-Dichloroethene
Concen: 3.391 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU049198.D
Acq: 16 Jun 2022 11:32

Tgt Ion: 96 Resp: 29333
Ion Ratio Lower Upper
96 100
61 136.2 99.5 184.9
98 64.4 44.8 83.2





#34

Trichloroethene

Concen: 12.866 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

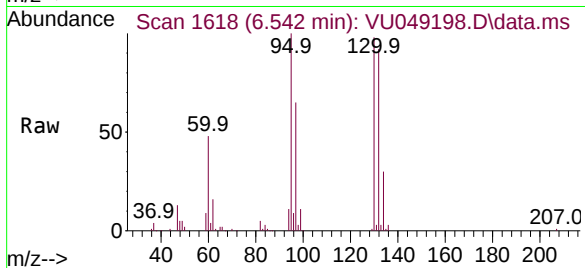
Lab File: VU049198.D

Acq: 16 Jun 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 112267

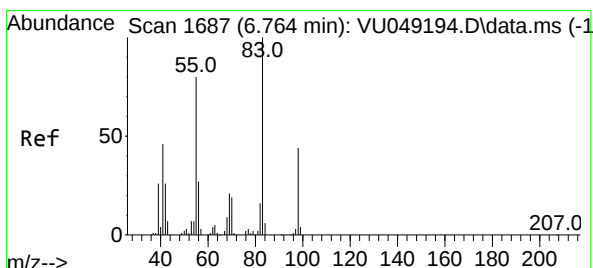
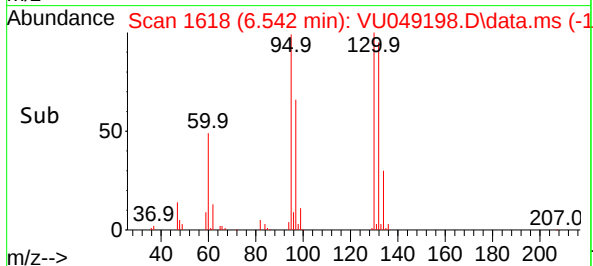
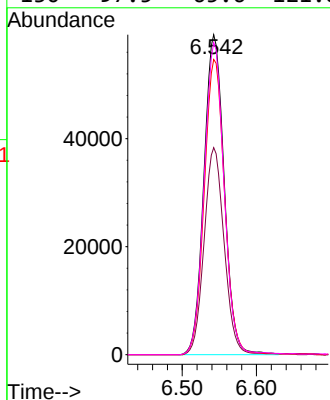
Ion Ratio Lower Upper

95 100

97 64.7 45.3 84.1

132 92.3 61.5 114.3

130 97.5 65.6 121.8



#35

Methylcyclohexane

Concen: 0.831 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU049198.D

Acq: 16 Jun 2022 11:32

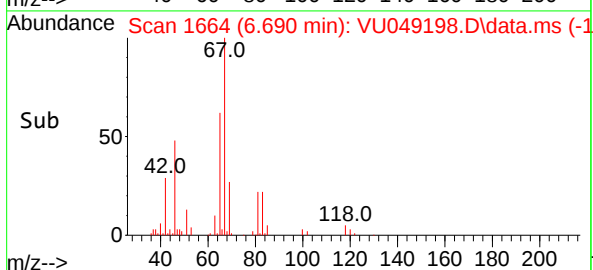
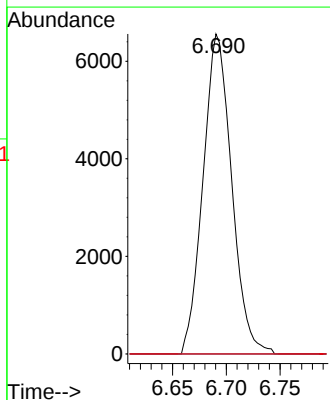
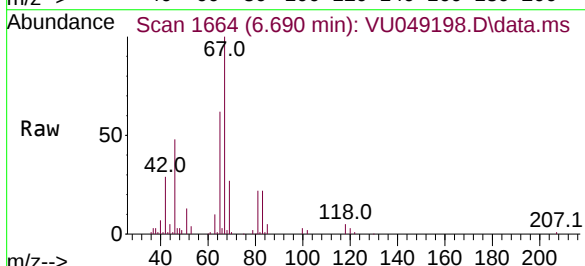
Tgt Ion: 83 Resp: 12156

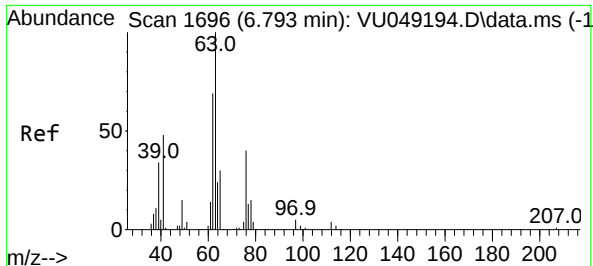
Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 0.0 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.631 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU049198.D

Acq: 16 Jun 2022 11:32

Instrument :

MSVOA_U

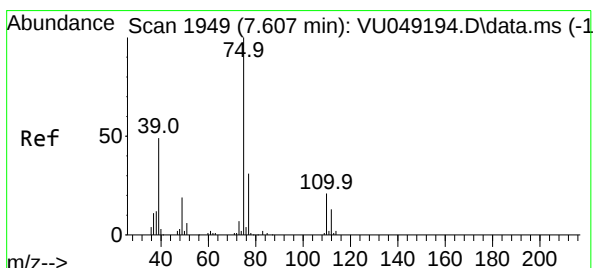
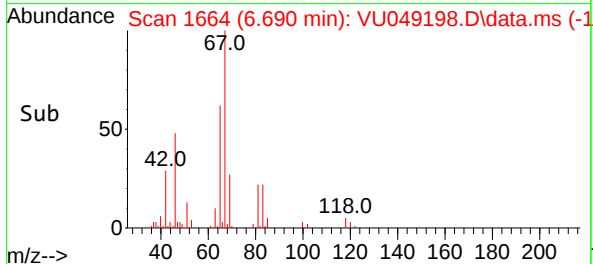
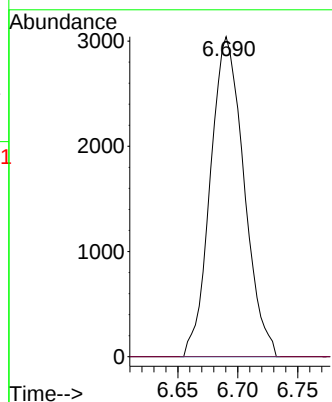
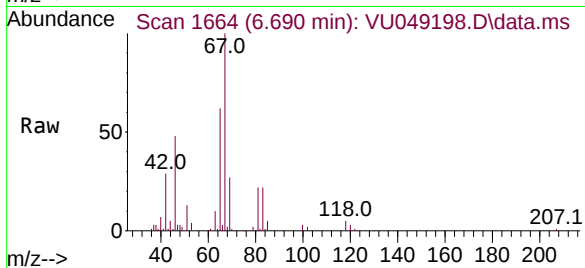
ClientSampleId :

Tgt Ion: 63 Resp: 5921

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049198.D

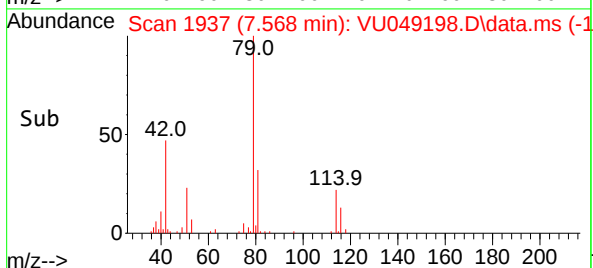
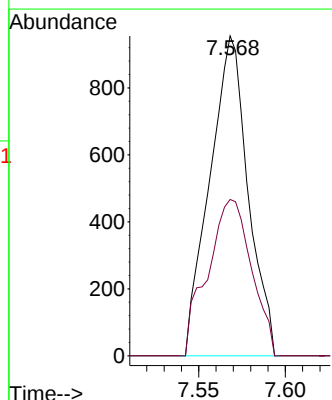
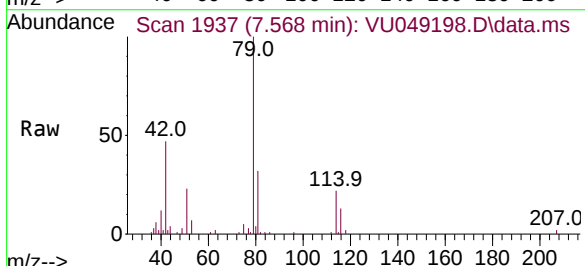
Acq: 16 Jun 2022 11:32

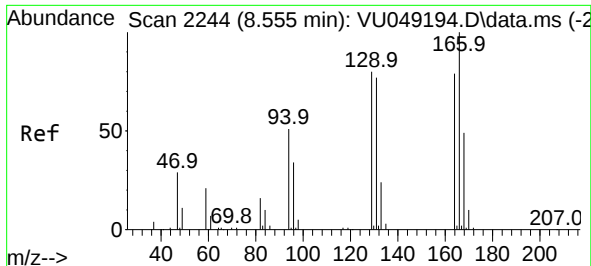
Tgt Ion: 75 Resp: 1468

Ion Ratio Lower Upper

75 100

77 48.9 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.774 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.003 min

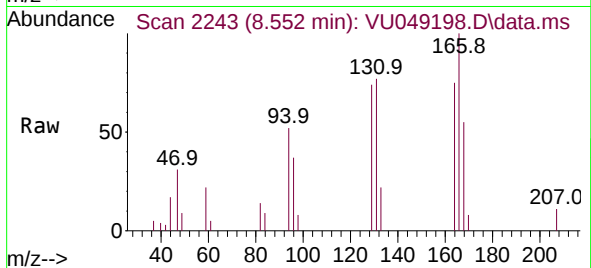
Lab File: VU049198.D

Acq: 16 Jun 2022 11:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4657

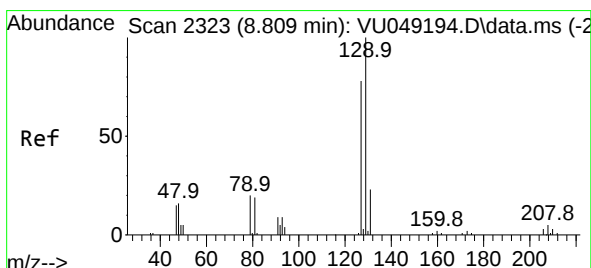
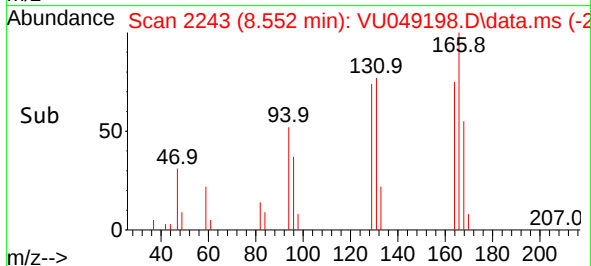
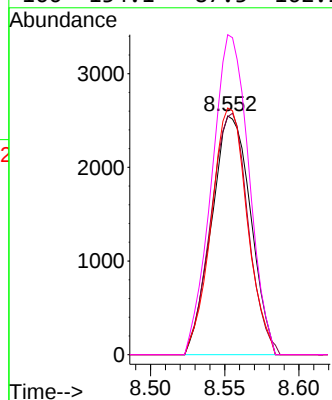
Ion Ratio Lower Upper

164 100

129 99.6 69.8 129.6

131 103.4 67.8 125.8

166 134.1 87.3 162.1



#49

Dibromochloromethane

Concen: 0.602 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.254 min

Lab File: VU049198.D

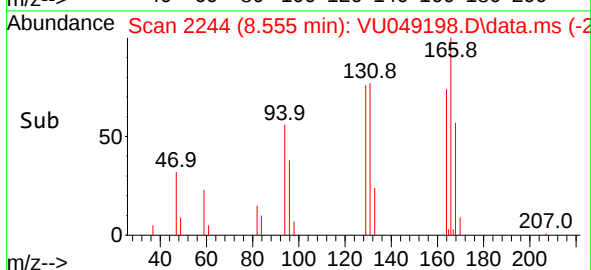
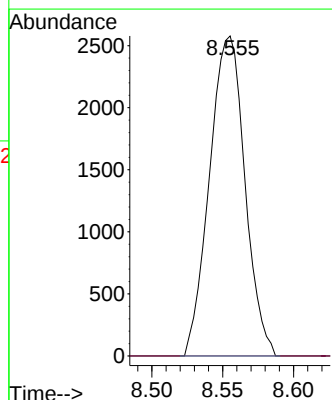
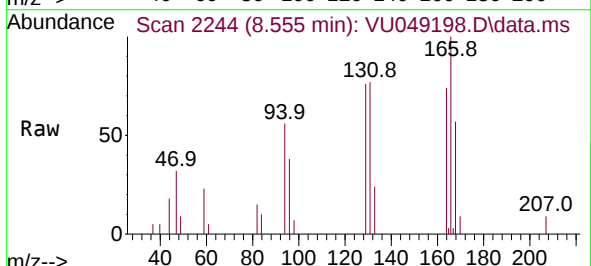
Acq: 16 Jun 2022 11:32

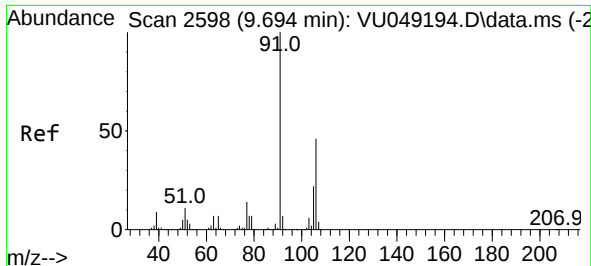
Tgt Ion:129 Resp: 4491

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#

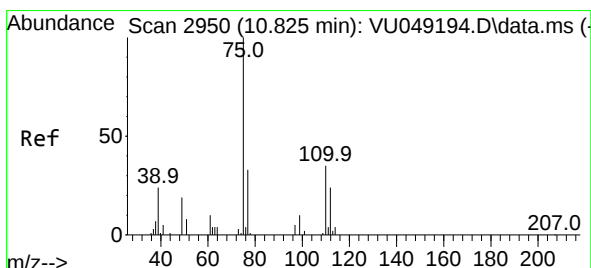
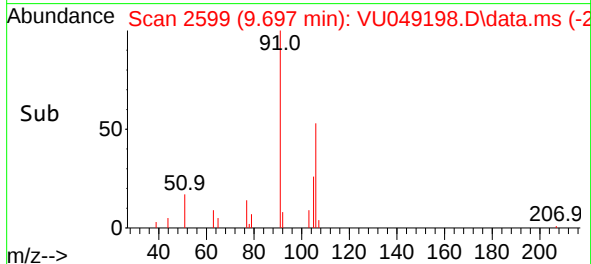
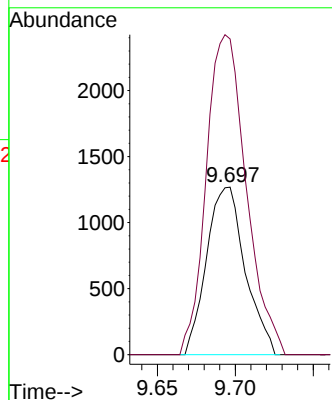
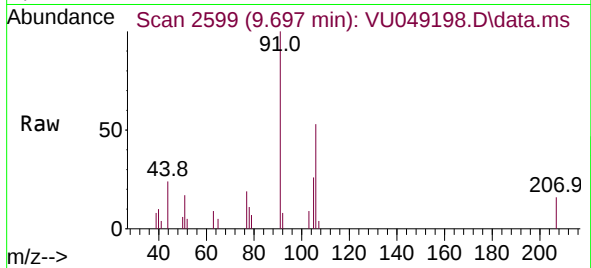




#53
m,p-Xylene
Concen: 0.149 ug/L
RT: 9.697 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VU049198.D
Acq: 16 Jun 2022 11:32

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:106 Resp: 2185
Ion Ratio Lower Upper
106 100
91 188.5 148.5 275.7



#61
1,2,3-Trichloropropane
Concen: 0.509 ug/L
RT: 10.526 min Scan# 2857
Delta R.T. -0.299 min
Lab File: VU049198.D
Acq: 16 Jun 2022 11:32

Tgt Ion: 75 Resp: 3184
Ion Ratio Lower Upper
75 100
110 0.0 29.0 43.4#
77 0.0 26.2 39.2#

