

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U061622\
 Data File : VU049209.D
 Acq On : 16 Jun 2022 15:53
 Operator : SY/MD
 Sample : N3277-15 10000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 17 01:28:32 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)

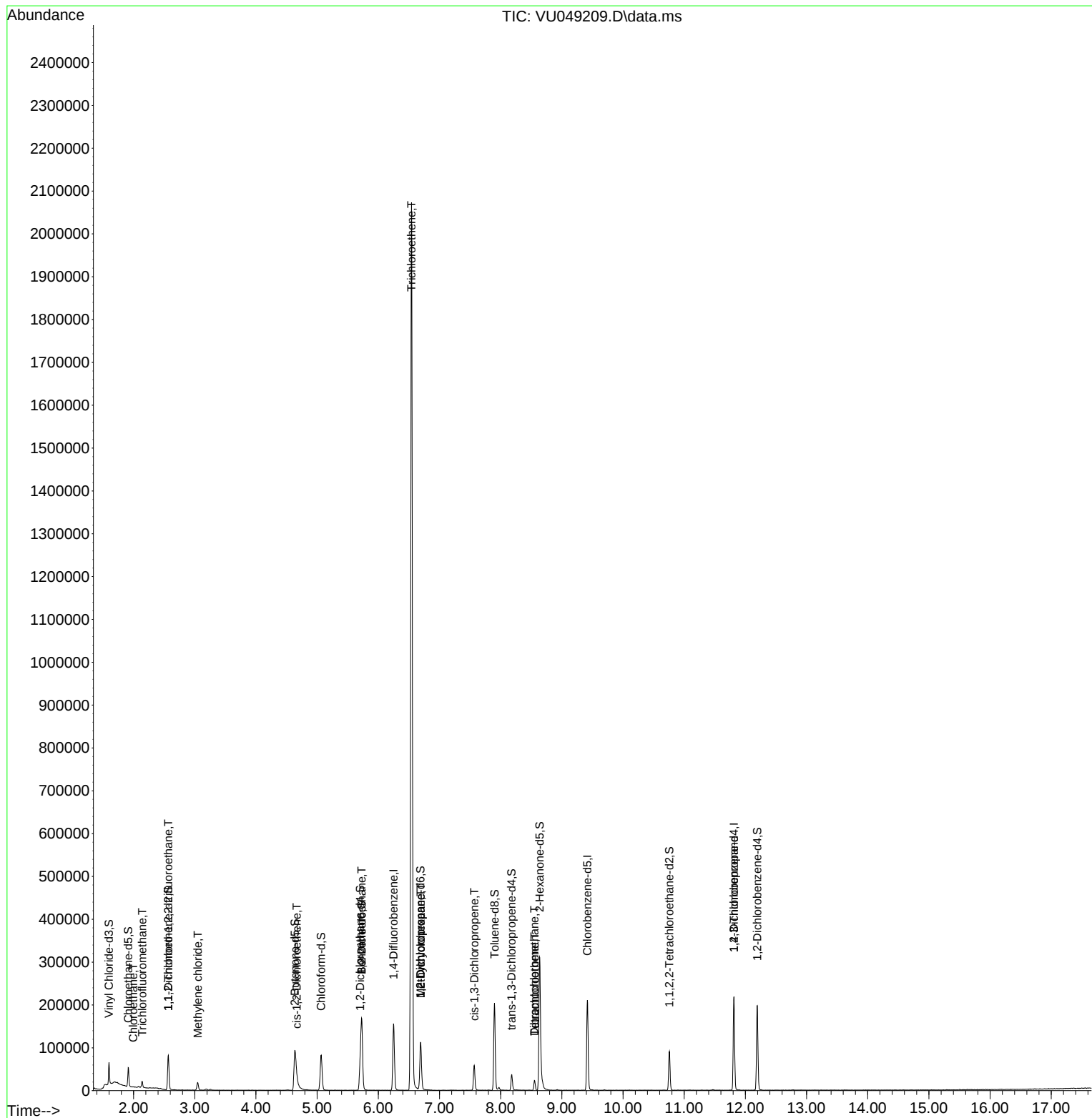
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	122217	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	112926	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57315	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37288	3.492	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.912	69	30157	4.171	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.568	65	15542	3.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.636	46	166941	58.547	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.100%
24) Chloroform-d	5.063	84	75421	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.703	65	44972	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.729	84	150972	4.438	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.690	67	53464	4.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.899	98	131835	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.179	79	20551	4.006	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.636	63	111503	53.886	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46199	4.997	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	50578	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.996	64	609	0.102	ug/L #	53
9) Trichlorofluoromethane	2.141	101	9126	0.765	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	357	0.051	ug/L #	21
16) Methylene chloride	3.047	84	8035	0.889	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	878	0.103	ug/L	89
27) 1,2-Dichloroethane	5.729	62	929	0.094	ug/L #	74
34) Trichloroethene	6.542	95	710372	82.704	ug/L	99
35) Methylcyclohexane	6.694	83	11781	0.818	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	5773	0.625	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	1535	0.109	ug/L #	81
47) Tetrachloroethene	8.555	164	4843	0.818	ug/L	99
49) Dibromochloromethane	8.552	129	5113	0.696	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	7340	1.141	ug/L #	67

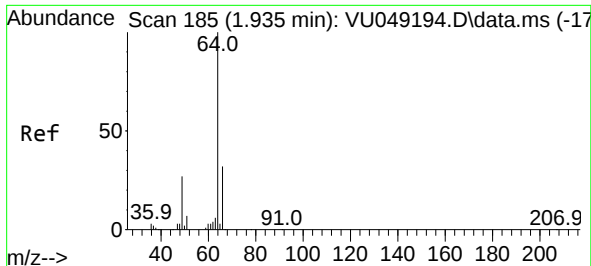
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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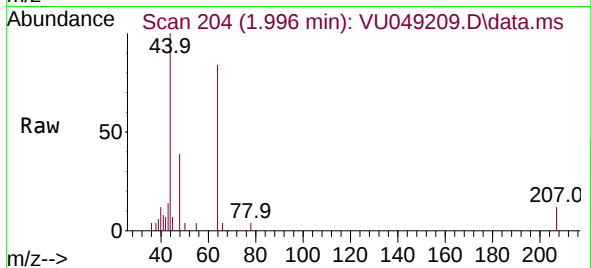
Quant Time: Jun 17 01:28:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
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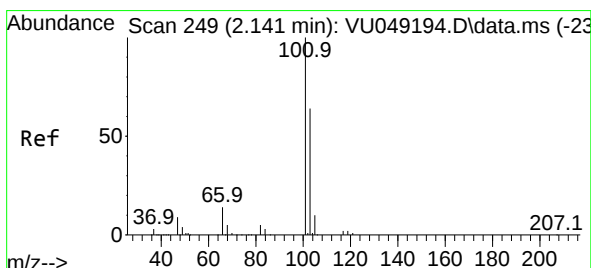
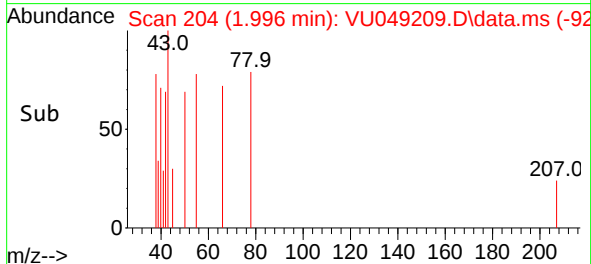
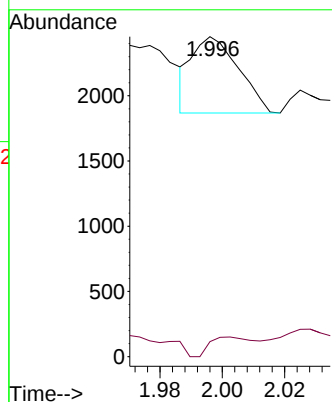


#8
Chloroethane
Concen: 0.102 ug/L
RT: 1.996 min Scan# 204
Delta R.T. 0.061 min
Lab File: VU049209.D
Acq: 16 Jun 2022 15:53

Instrument :
MSVOA_U
ClientSampleId :

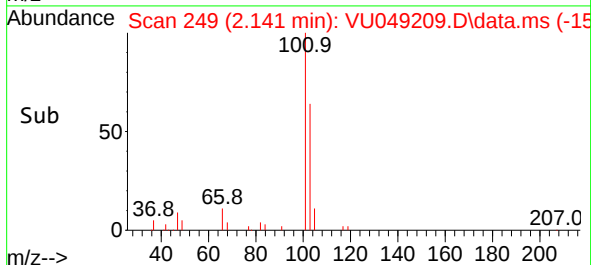
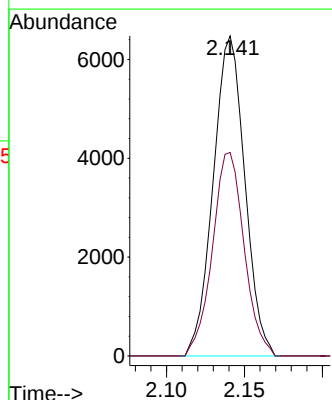
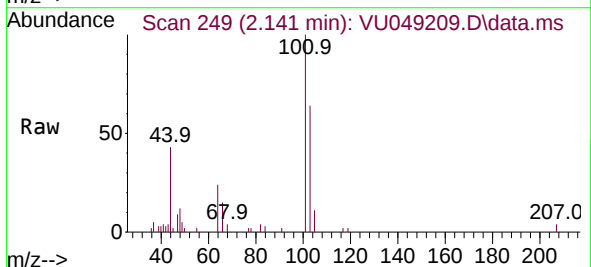


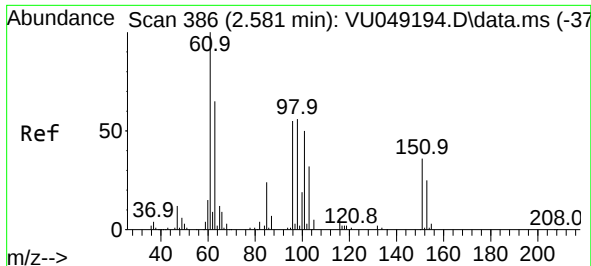
Tgt Ion: 64 Resp: 609
Ion Ratio Lower Upper
64 100
66 4.7 20.9 38.9#



#9
Trichlorofluoromethane
Concen: 0.765 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU049209.D
Acq: 16 Jun 2022 15:53

Tgt Ion: 101 Resp: 9126
Ion Ratio Lower Upper
101 100
103 63.7 53.5 80.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.051 ug/L

RT: 2.568 min Scan# 31

Delta R.T. -0.013 min

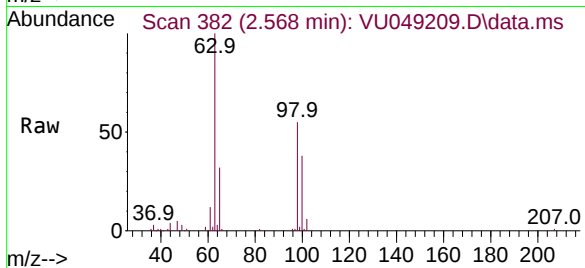
Lab File: VU049209.D

Acq: 16 Jun 2022 15:53

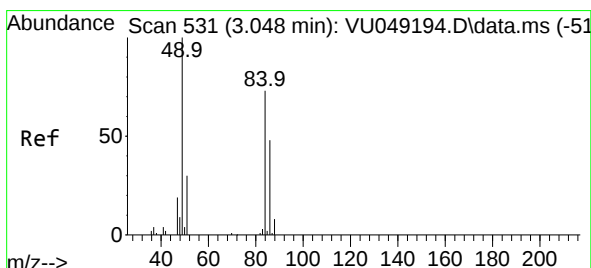
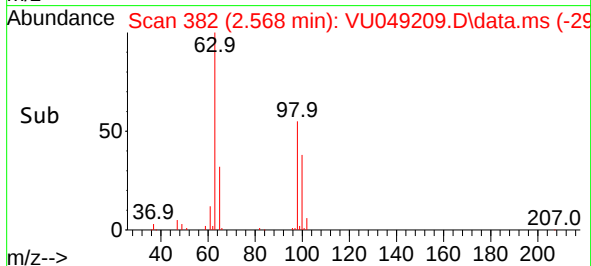
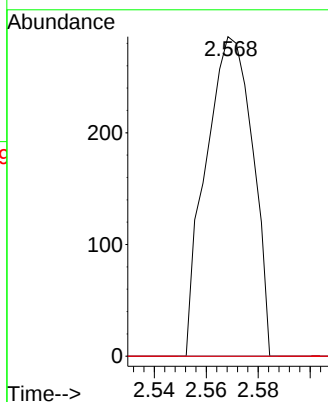
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	101	Resp:	357
Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.1	54.1#
151	0.0	56.8	85.2#



#16

Methylene chloride

Concen: 0.889 ug/L

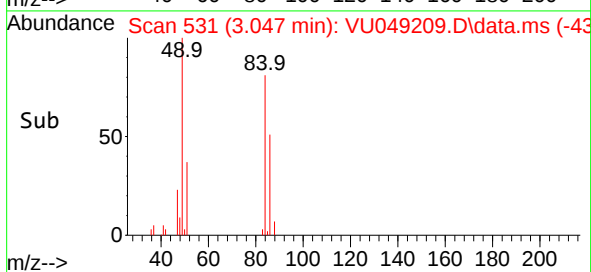
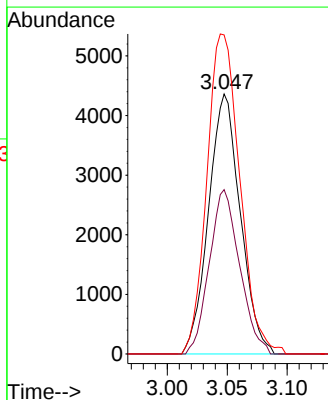
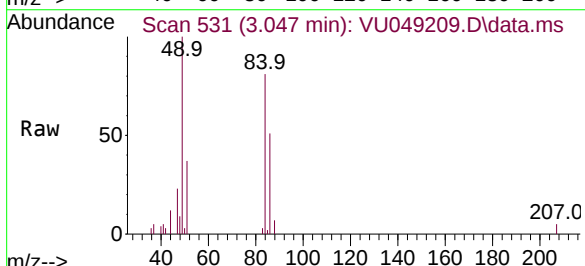
RT: 3.047 min Scan# 531

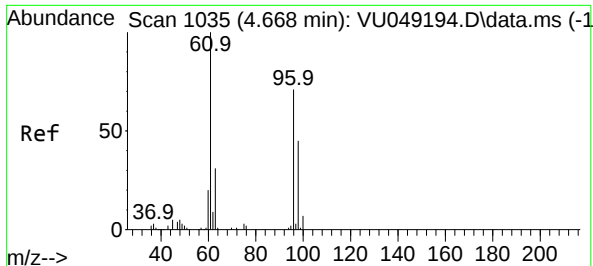
Delta R.T. -0.000 min

Lab File: VU049209.D

Acq: 16 Jun 2022 15:53

Tgt Ion:	84	Resp:	8035
Ion	Ratio	Lower	Upper
84	100		
86	63.2	43.6	81.0
49	122.7	90.2	167.6

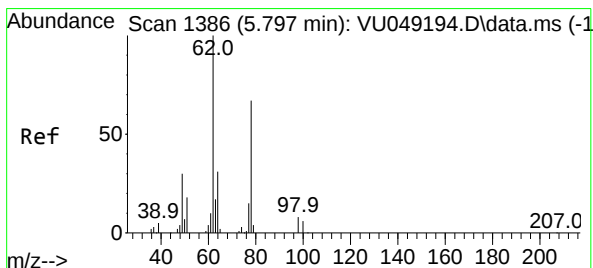
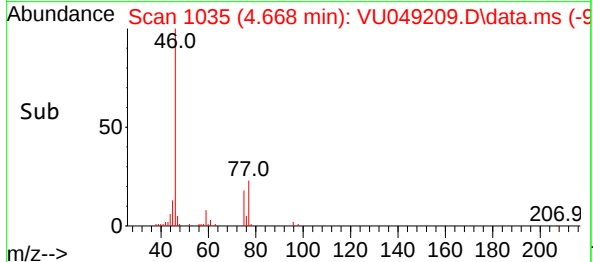
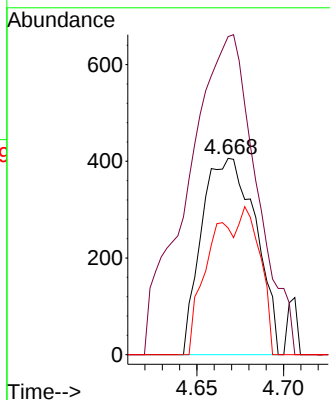
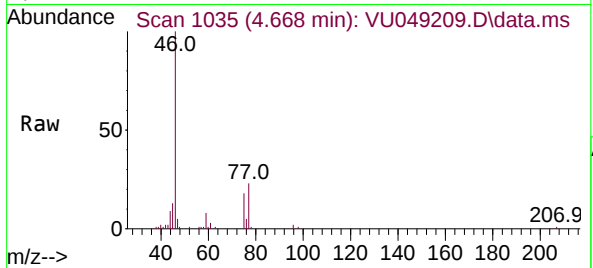




#22
 cis-1,2-Dichloroethene
 Concen: 0.103 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.000 min
 Lab File: VU049209.D
 Acq: 16 Jun 2022 15:53

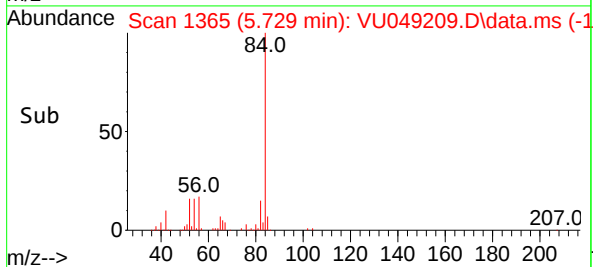
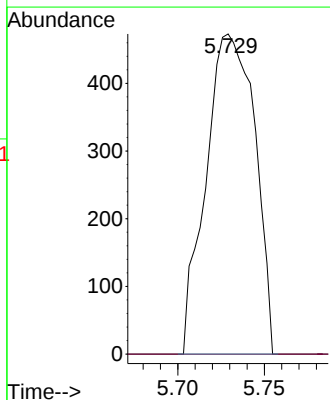
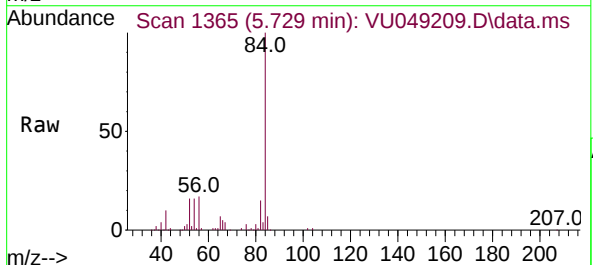
Instrument :
 MSVOA_U
 ClientSampleId :

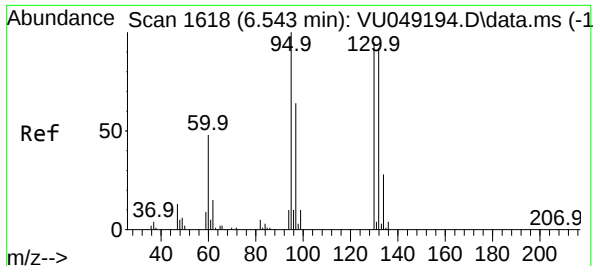
Tgt Ion: 96 Resp: 878
 Ion Ratio Lower Upper
 96 100
 61 162.1 99.5 184.9
 98 64.5 44.8 83.2



#27
 1,2-Dichloroethane
 Concen: 0.094 ug/L
 RT: 5.729 min Scan# 1365
 Delta R.T. -0.068 min
 Lab File: VU049209.D
 Acq: 16 Jun 2022 15:53

Tgt Ion: 62 Resp: 929
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#





#34

Trichloroethene

Concen: 82.704 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.000 min

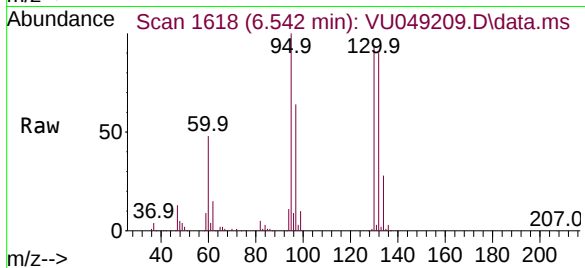
Lab File: VU049209.D

Acq: 16 Jun 2022 15:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 710372

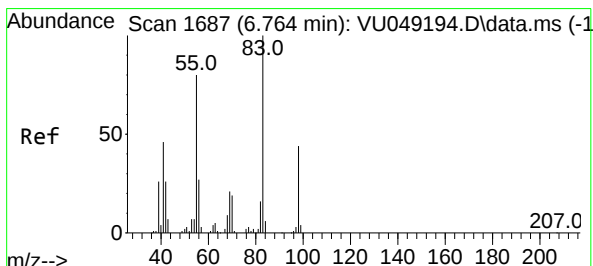
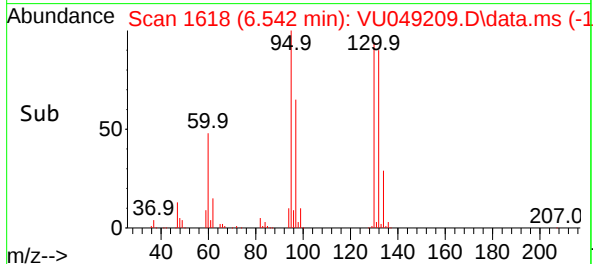
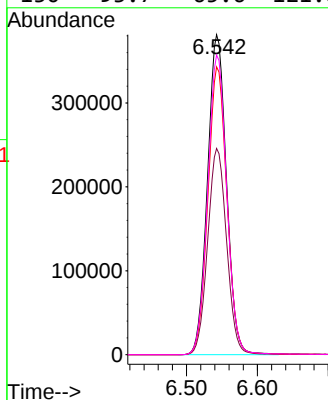
Ion Ratio Lower Upper

95 100

97 64.4 45.3 84.1

132 89.9 61.5 114.3

130 93.7 65.6 121.8



#35

Methylcyclohexane

Concen: 0.818 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049209.D

Acq: 16 Jun 2022 15:53

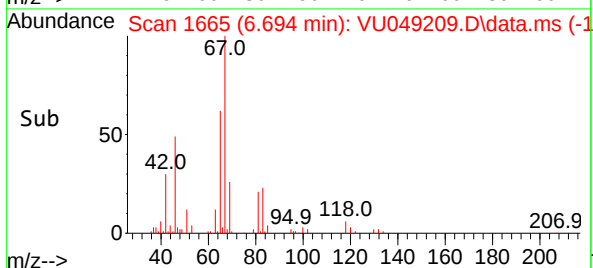
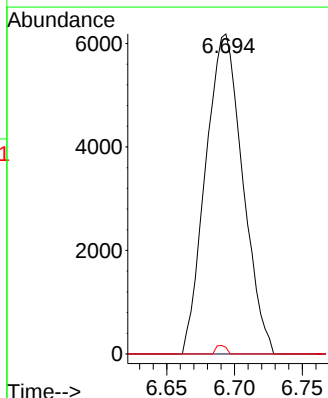
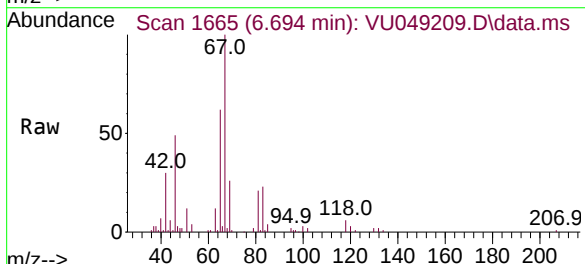
Tgt Ion: 83 Resp: 11781

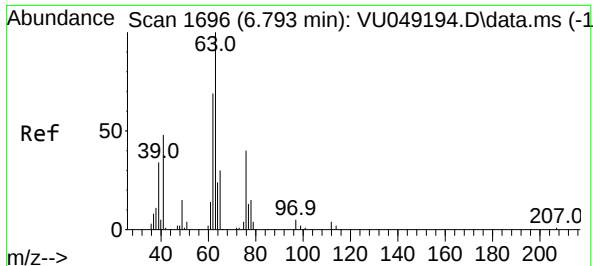
Ion Ratio Lower Upper

83 100

55 0.0 66.9 100.3#

98 0.0 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049209.D

Acq: 16 Jun 2022 15:53

Instrument :

MSVOA_U

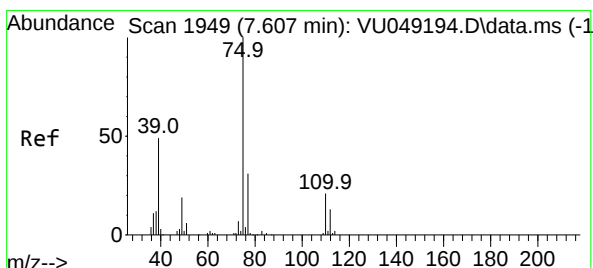
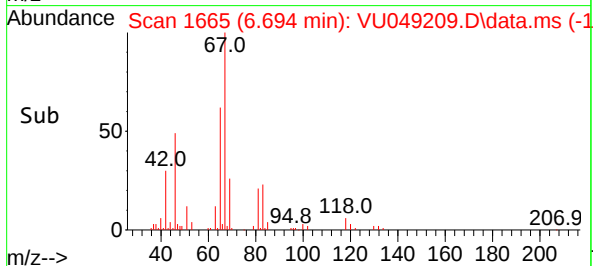
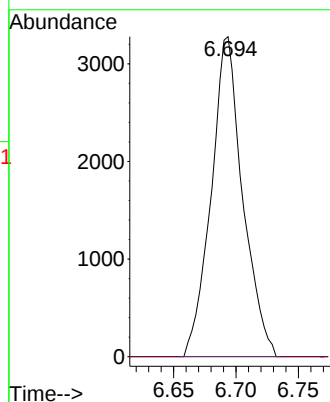
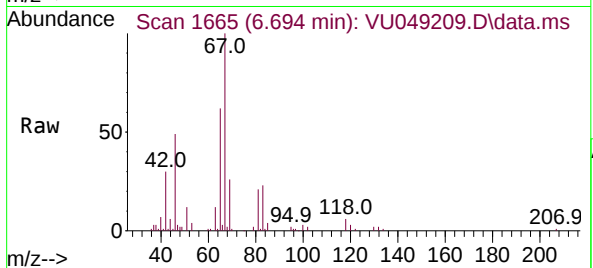
ClientSampleId :

Tgt Ion: 63 Resp: 5773

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU049209.D

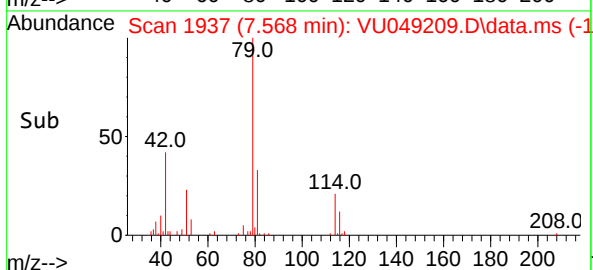
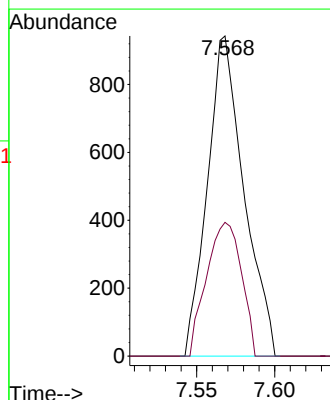
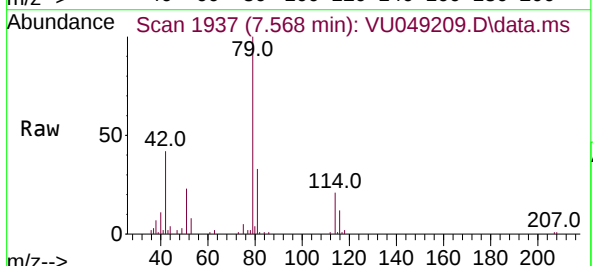
Acq: 16 Jun 2022 15:53

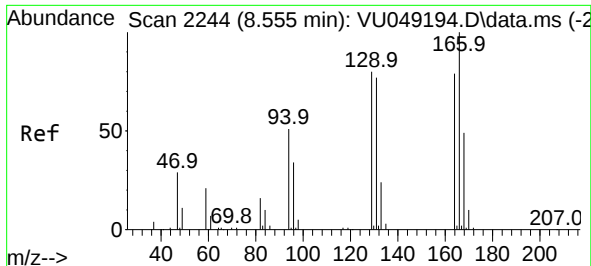
Tgt Ion: 75 Resp: 1535

Ion Ratio Lower Upper

75 100

77 41.8 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.818 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

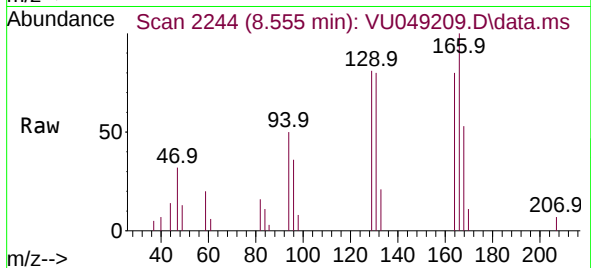
Lab File: VU049209.D

Acq: 16 Jun 2022 15:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4843

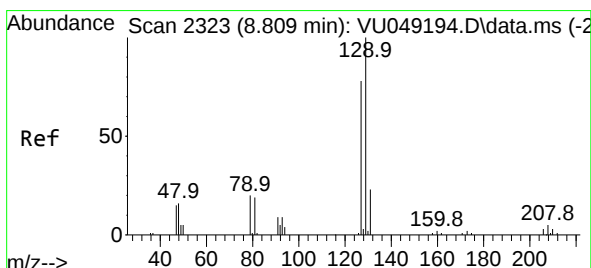
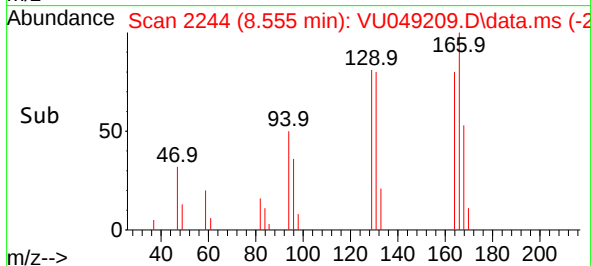
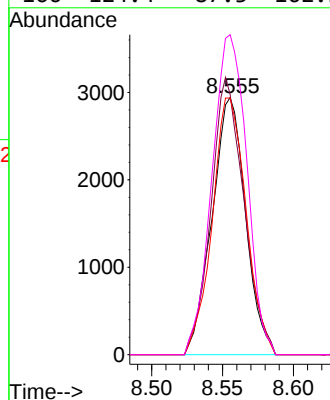
Ion Ratio Lower Upper

164 100

129 101.3 69.8 129.6

131 99.8 67.8 125.8

166 124.4 87.3 162.1



#49

Dibromochloromethane

Concen: 0.696 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU049209.D

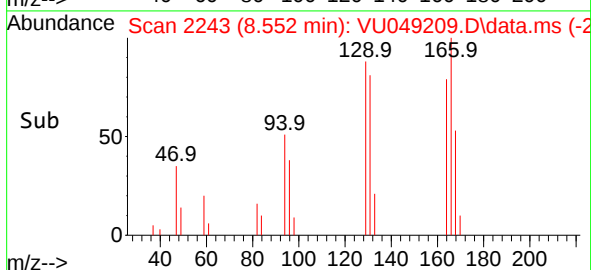
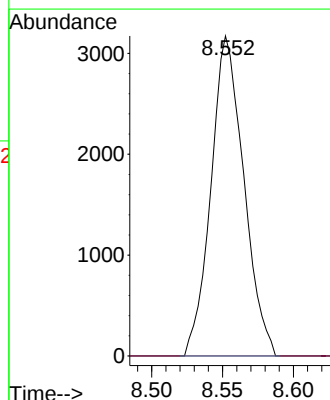
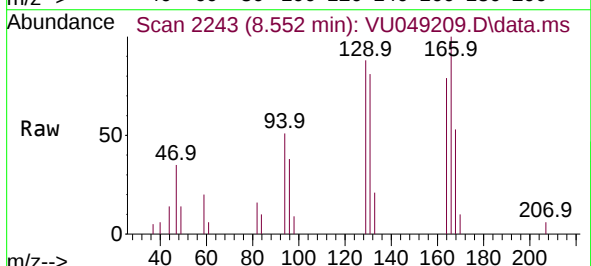
Acq: 16 Jun 2022 15:53

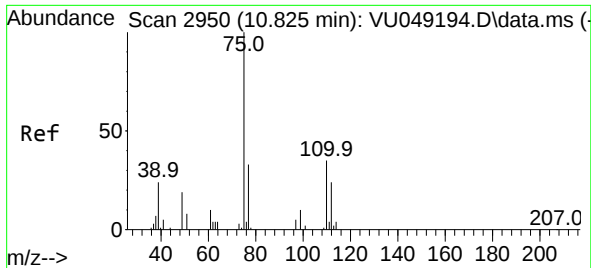
Tgt Ion:129 Resp: 5113

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#





#61

1,2,3-Trichloropropane

Concen: 1.141 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

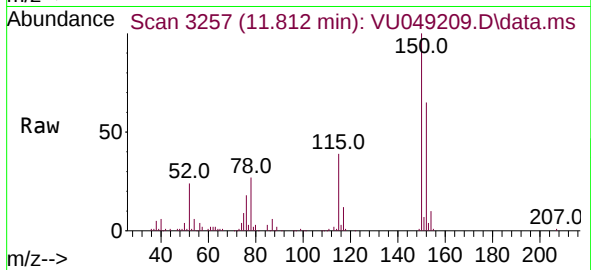
Lab File: VU049209.D

Acq: 16 Jun 2022 15:53

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	7340
Ion	Ratio	Lower	Upper
75	100		
110	1.2	29.0	43.4#
77	34.9	26.2	39.2

