

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049140.D
 Acq On : 15 Jun 2022 02:04
 Operator : SY/MD
 Sample : N3274-06 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 07:22:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:38:08 2022
 Response via : Initial Calibration

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

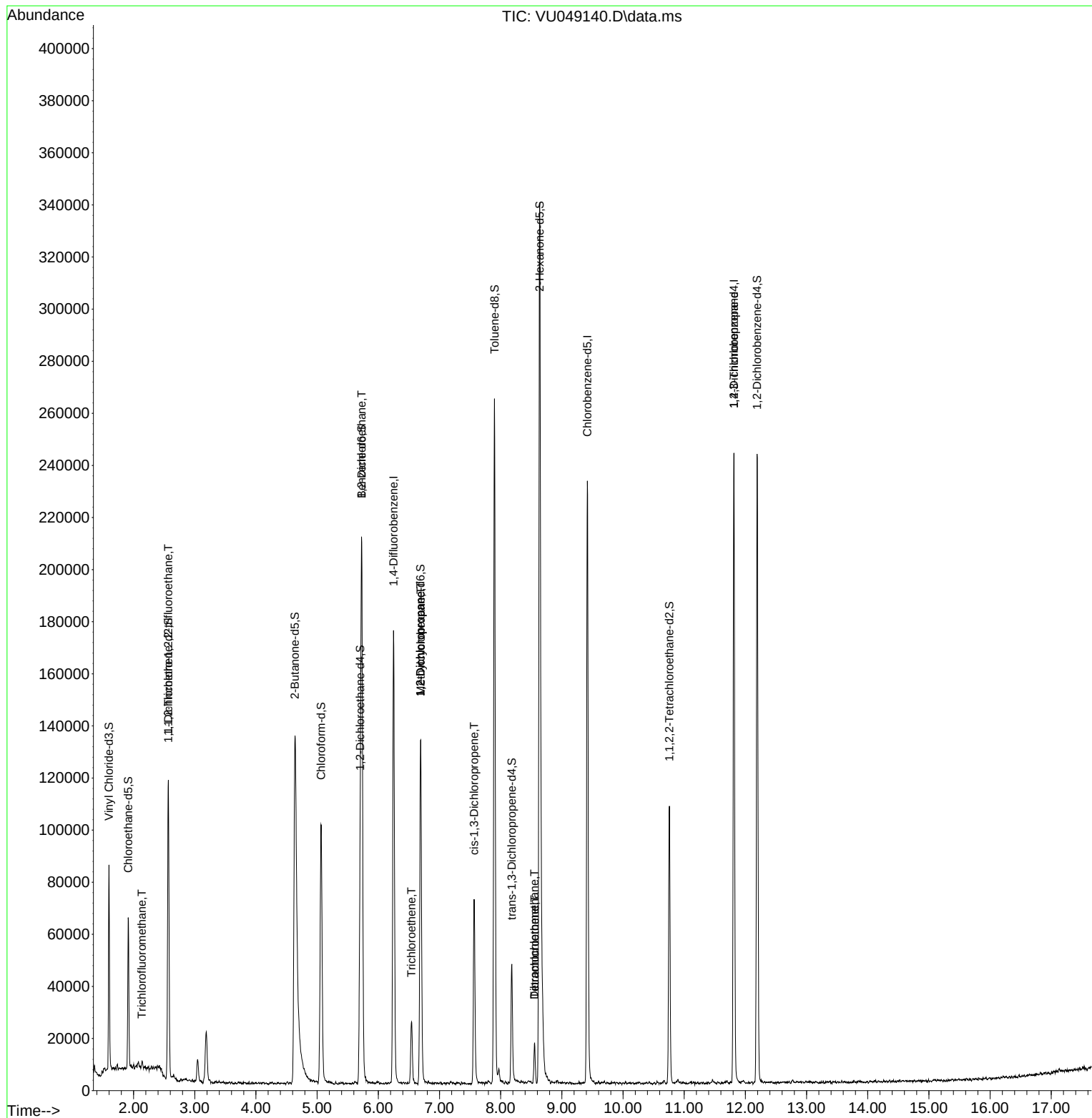
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	137664	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124852	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54798	4.556	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.913	69	39984	4.910	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.565	65	22513	4.653	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.000%	
20) 2-Butanone-d5	4.636	46	191309	59.565	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	119.120%	
24) Chloroform-d	5.064	84	92789	4.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.703	65	54912	5.304	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.729	84	188055	5.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.690	67	65051	5.096	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.000%	
41) Toluene-d8	7.899	98	168737	4.982	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
43) trans-1,3-Dichloroprop...	8.182	79	26205	4.621	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.636	63	122337	53.475	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.940%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55274	5.408	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	61459	5.269	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.400%	
Target Compounds						
9) Trichlorofluoromethane	2.134	101	1120	0.083	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	641	0.081	ug/L #	25
27) 1,2-Dichloroethane	5.729	62	1089	0.097	ug/L #	74
34) Trichloroethene	6.543	95	8125	0.856	ug/L	95
35) Methylcyclohexane	6.694	83	14539	0.913	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	6928	0.679	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	1975	0.127	ug/L #	56
47) Tetrachloroethene	8.555	164	3201	0.489	ug/L	97
49) Dibromochloromethane	8.552	129	3257	0.401	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8338	1.223	ug/L #	69

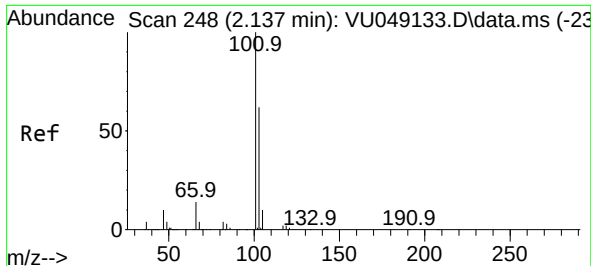
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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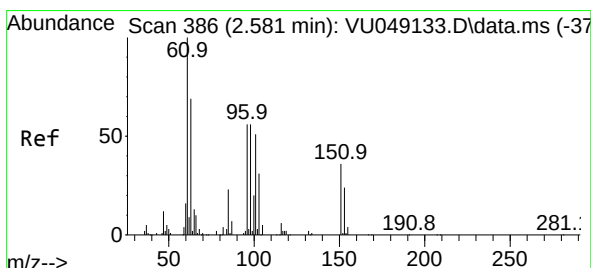
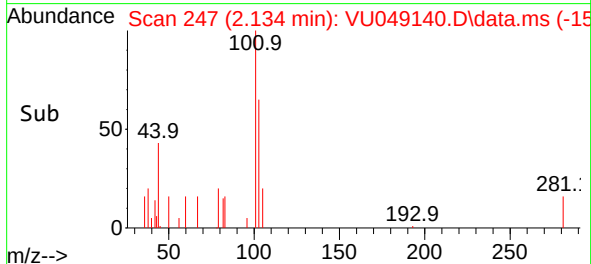
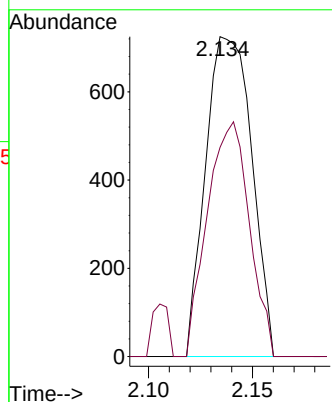
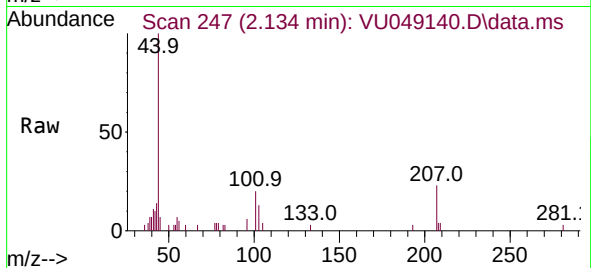




#9
Trichlorofluoromethane
Concen: 0.083 ug/L
RT: 2.134 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU049140.D
Acq: 15 Jun 2022 02:04

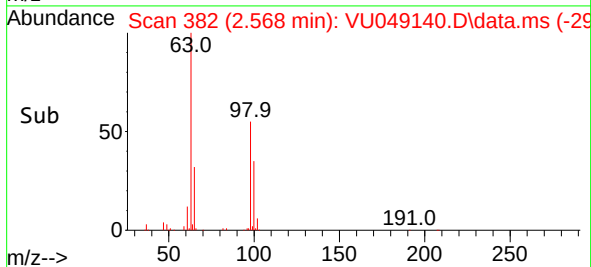
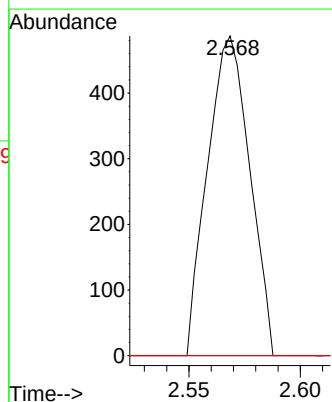
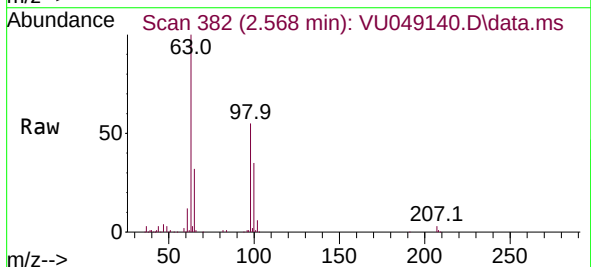
Instrument :
MSVOA_U
ClientSampleId :

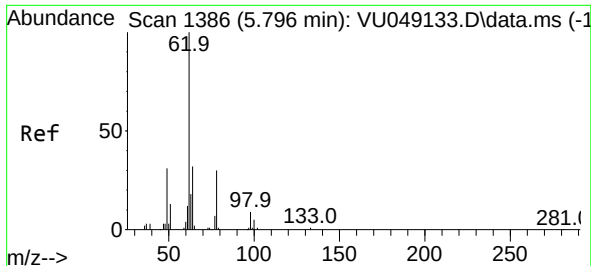
Tgt Ion:101 Resp: 1120
Ion Ratio Lower Upper
101 100
103 66.9 53.5 80.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.081 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU049140.D
Acq: 15 Jun 2022 02:04

Tgt Ion:101 Resp: 641
Ion Ratio Lower Upper
101 100
85 6.6 36.1 54.1#
151 0.0 56.8 85.2#





#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.067 min

Lab File: VU049140.D

Acq: 15 Jun 2022 02:04

Instrument :

MSVOA_U

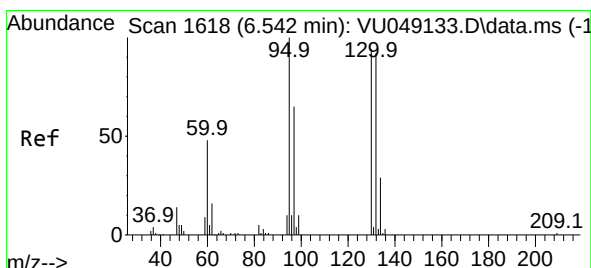
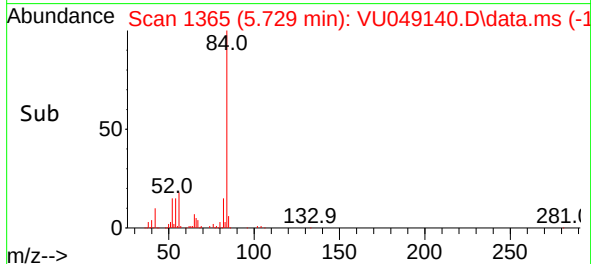
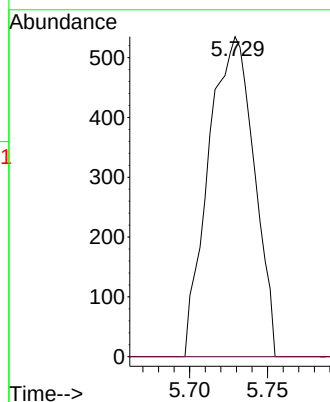
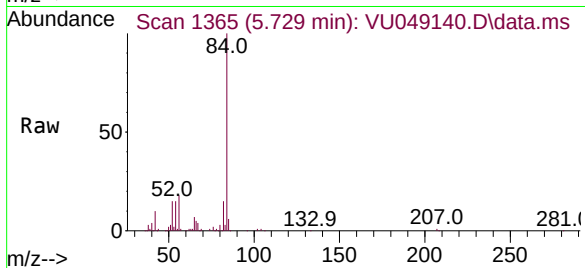
ClientSampleId :

Tgt Ion: 62 Resp: 1089

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#34

Trichloroethene

Concen: 0.856 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049140.D

Acq: 15 Jun 2022 02:04

Tgt Ion: 95 Resp: 8125

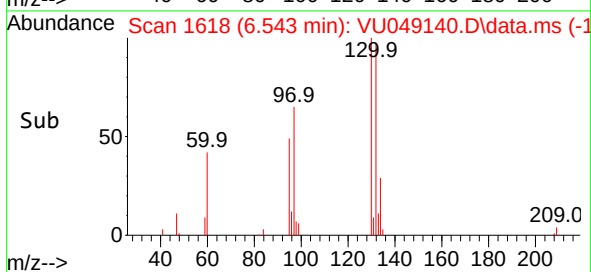
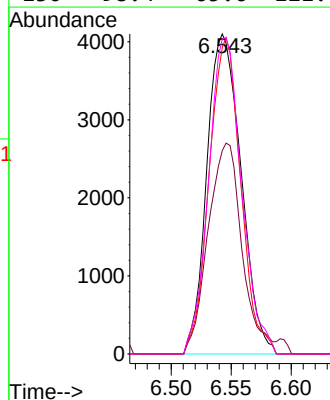
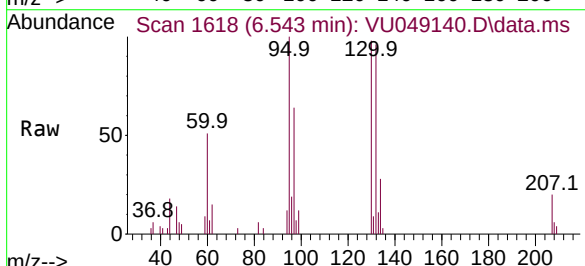
Ion Ratio Lower Upper

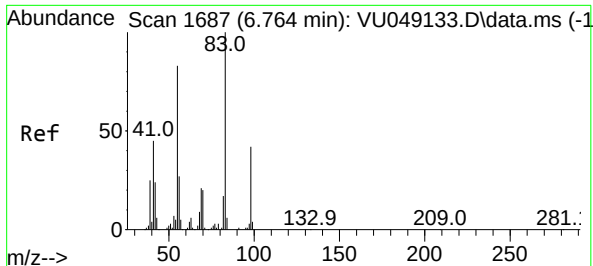
95 100

97 63.6 45.3 84.1

132 95.8 61.5 114.3

130 98.4 65.6 121.8





#35

Methylcyclohexane

Concen: 0.913 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.070 min

Lab File: VU049140.D

Acq: 15 Jun 2022 02:04

Instrument :

MSVOA_U

ClientSampleId :

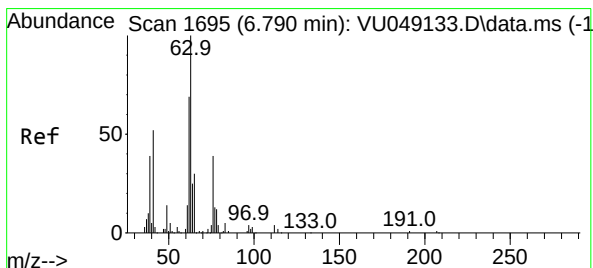
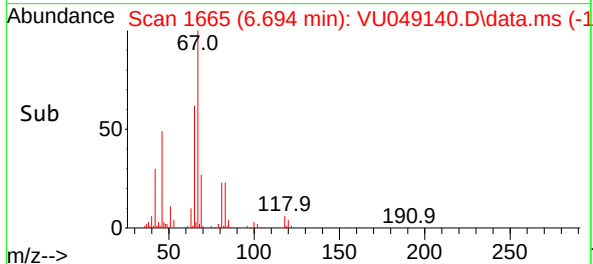
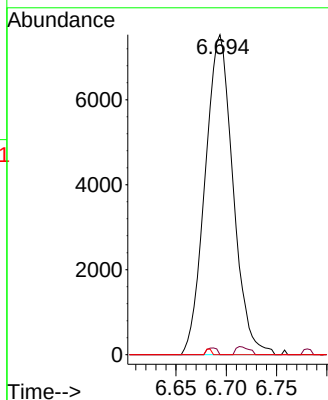
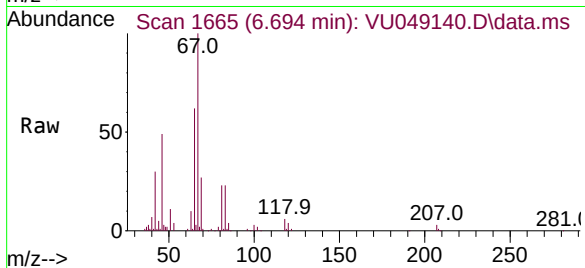
Tgt Ion: 83 Resp: 14539

Ion Ratio Lower Upper

83 100

55 0.8 66.9 100.3#

98 0.3 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.679 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.099 min

Lab File: VU049140.D

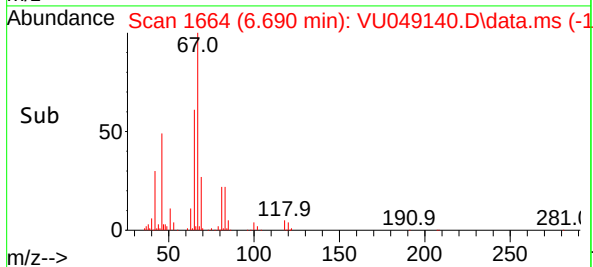
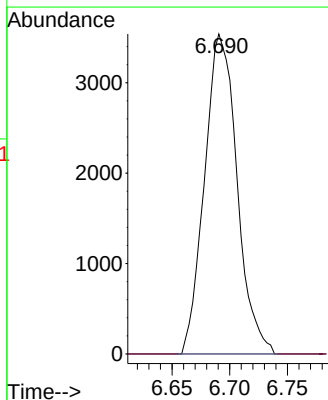
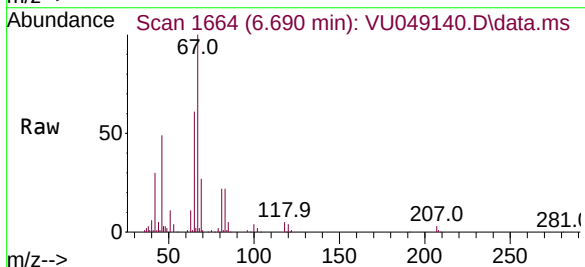
Acq: 15 Jun 2022 02:04

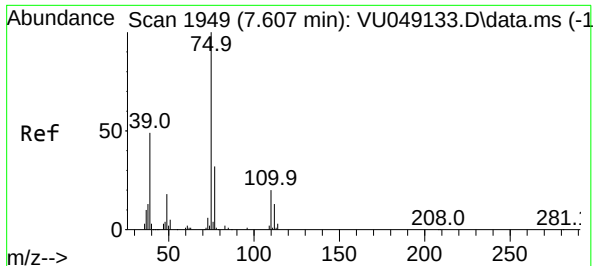
Tgt Ion: 63 Resp: 6928

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049140.D

Acq: 15 Jun 2022 02:04

Instrument :

MSVOA_U

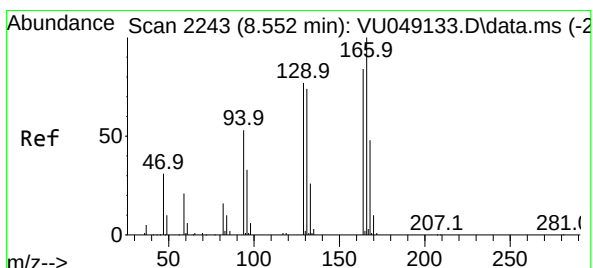
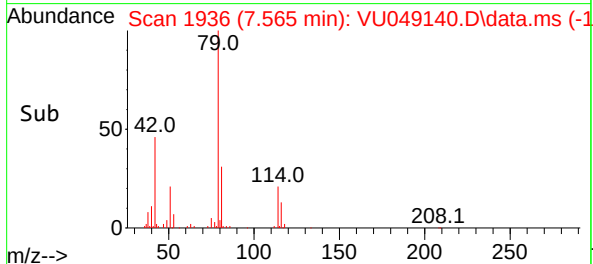
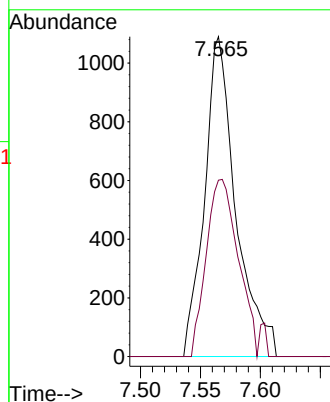
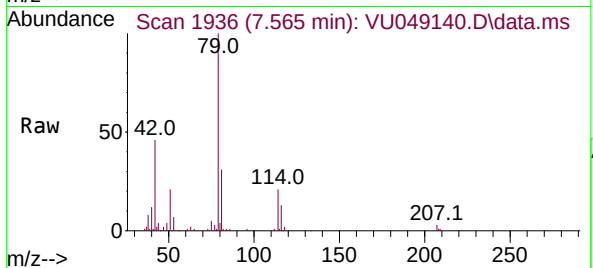
ClientSampleId :

Tgt Ion: 75 Resp: 1975

Ion Ratio Lower Upper

75 100

77 55.1 21.8 40.4#



#47

Tetrachloroethene

Concen: 0.489 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.004 min

Lab File: VU049140.D

Acq: 15 Jun 2022 02:04

Tgt Ion: 164 Resp: 3201

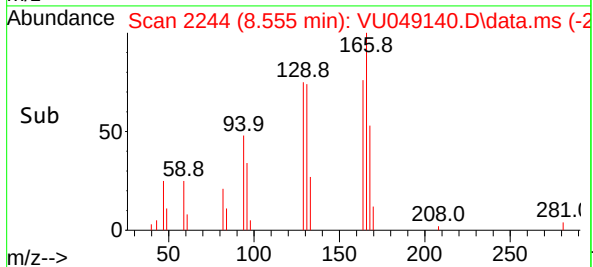
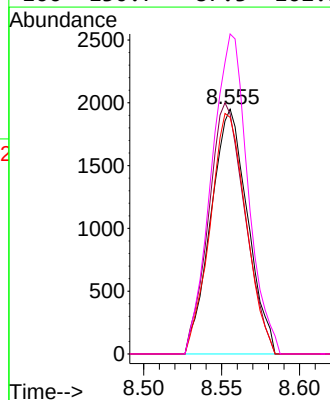
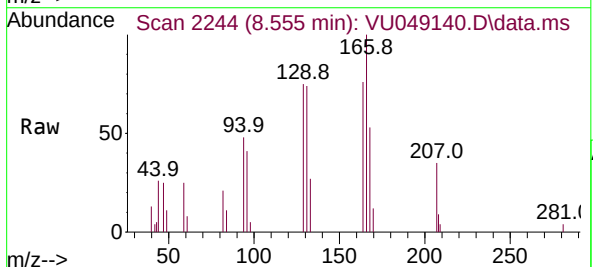
Ion Ratio Lower Upper

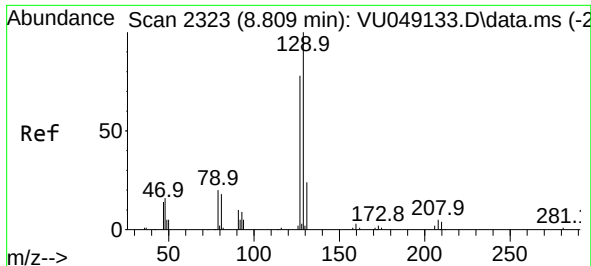
164 100

129 98.1 69.8 129.6

131 96.7 67.8 125.8

166 130.7 87.3 162.1

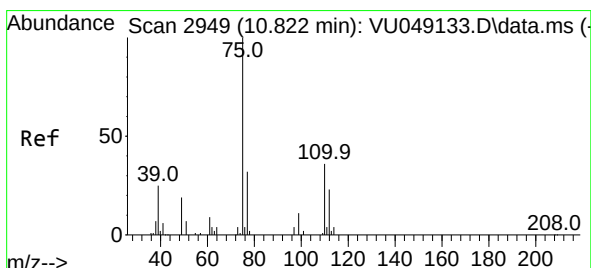
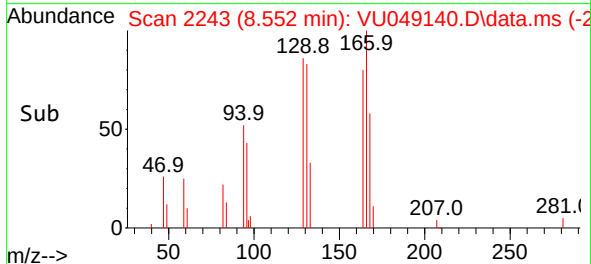
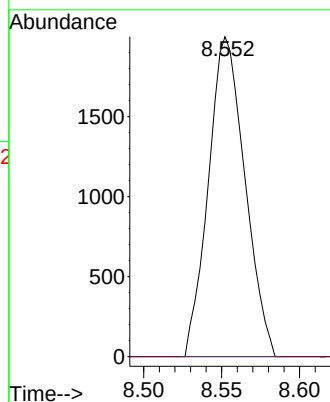
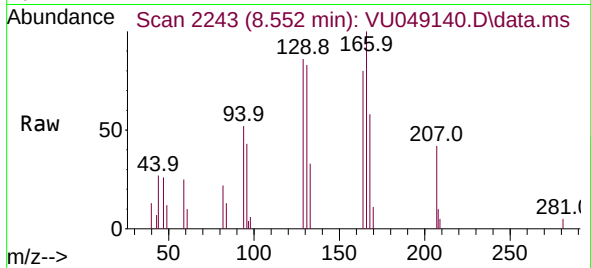




#49
Dibromochloromethane
Concen: 0.401 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU049140.D
Acq: 15 Jun 2022 02:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 3257
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#



#61
1,2,3-Trichloropropane
Concen: 1.223 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.991 min
Lab File: VU049140.D
Acq: 15 Jun 2022 02:04

Tgt Ion: 75 Resp: 8338
Ion Ratio Lower Upper
75 100
110 3.1 29.0 43.4#
77 31.2 26.2 39.2

