

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049142.D
 Acq On : 15 Jun 2022 02:51
 Operator : SY/MD
 Sample : N3274-08 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 07:23:26 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)

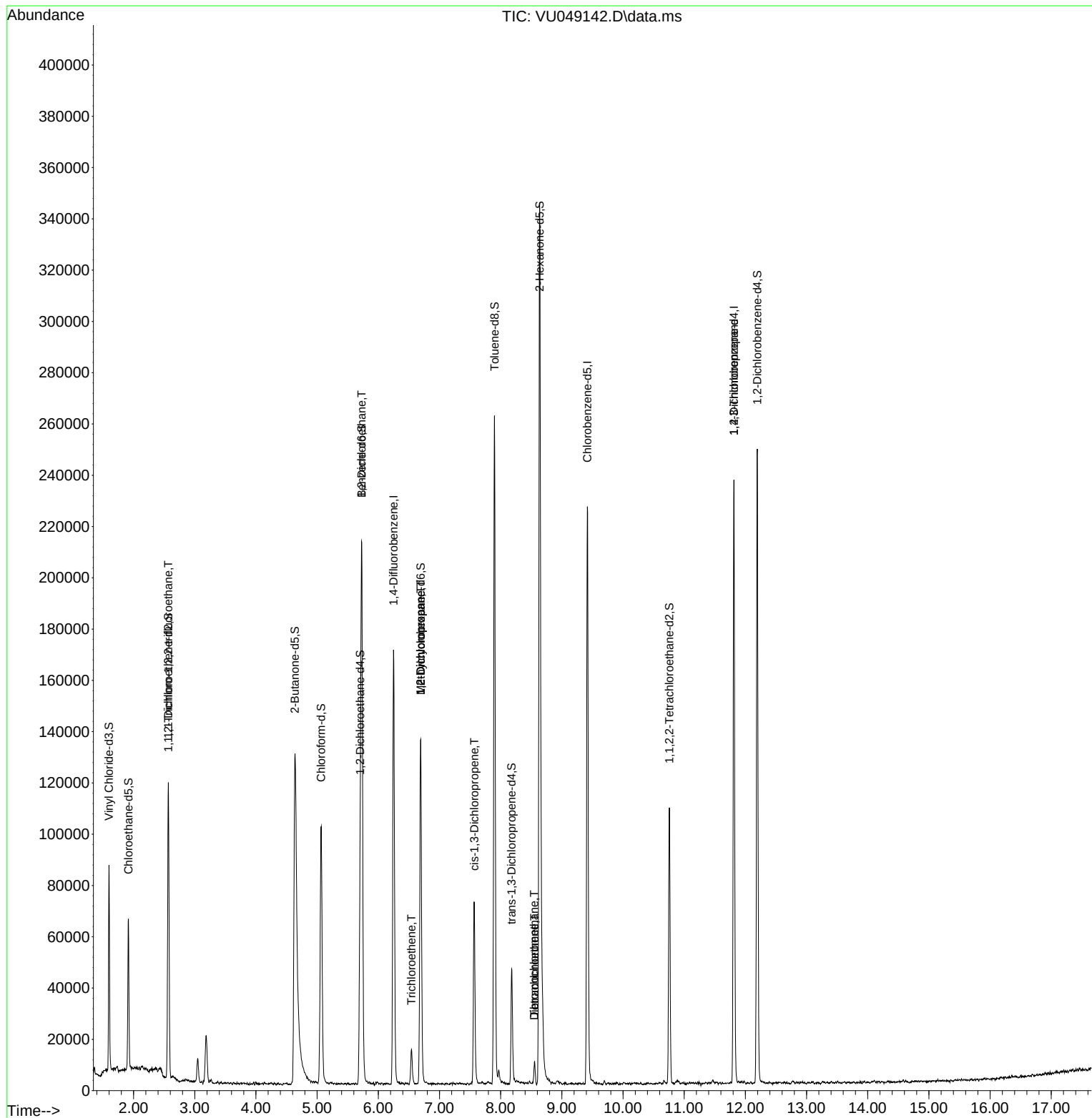
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134062	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	125486	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	60883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55092	4.703	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.915	69	40249	5.075	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.600%	
11) 1,1-Dichloroethene-d2	2.568	65	22751	4.829	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	96.600%	
20) 2-Butanone-d5	4.636	46	189504	60.588	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.180%	
24) Chloroform-d	5.066	84	91827	4.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.703	65	55224	5.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.600%	
32) Benzene-d6	5.729	84	190906	5.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.693	67	66397	5.175	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.899	98	171466	5.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
43) trans-1,3-Dichloroprop...	8.179	79	26007	4.563	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.635	63	123734	53.812	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	107.620%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55194	5.373	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	62475	5.348	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	566	0.073	ug/L #	21
27) 1,2-Dichloroethane	5.729	62	982	0.090	ug/L #	74
34) Trichloroethene	6.542	95	4247	0.445	ug/L	96
35) Methylcyclohexane	6.693	83	14848	0.928	ug/L #	16
37) 1,2-Dichloropropane	6.693	63	6913	0.674	ug/L #	89
39) cis-1,3-Dichloropropene	7.571	75	1871	0.120	ug/L #	75
47) Tetrachloroethene	8.552	164	1860	0.283	ug/L	89
49) Dibromochloromethane	8.549	129	1784	0.219	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8088	1.184	ug/L #	68

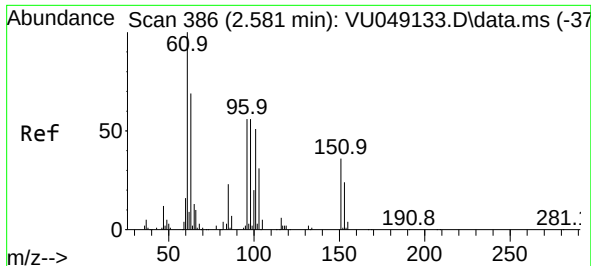
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.073 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

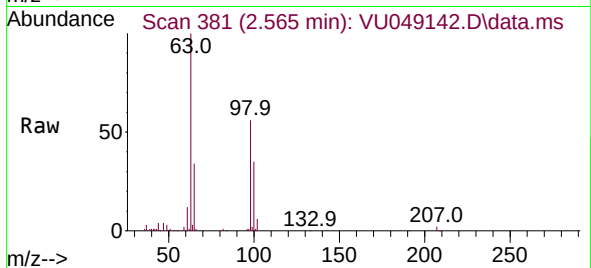
Lab File: VU049142.D

Acq: 15 Jun 2022 02:51

Instrument :

MSVOA_U

ClientSampleId :



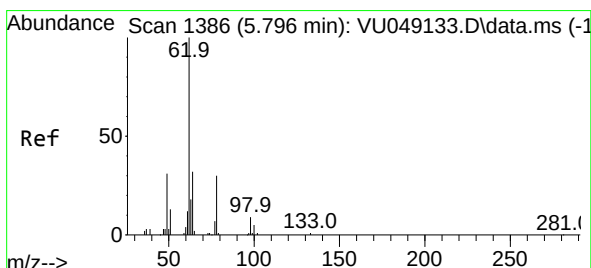
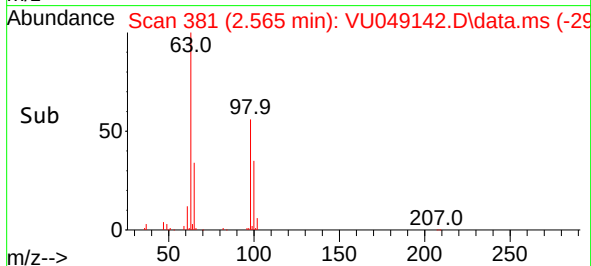
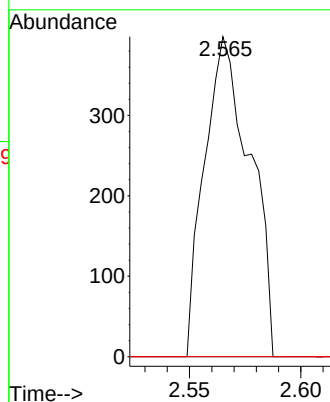
Tgt Ion:101 Resp: 566

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 56.8 85.2#



#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.067 min

Lab File: VU049142.D

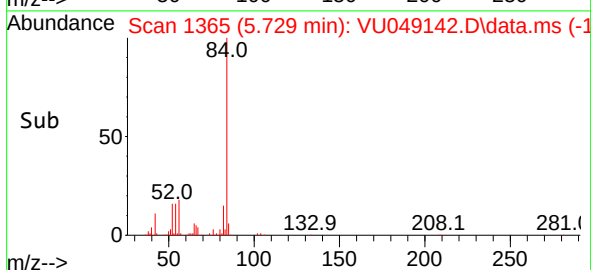
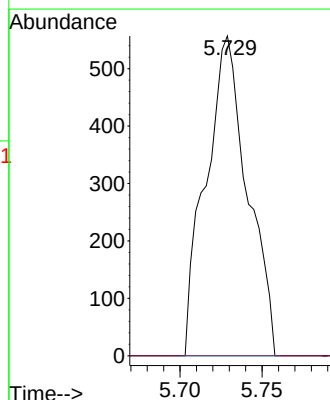
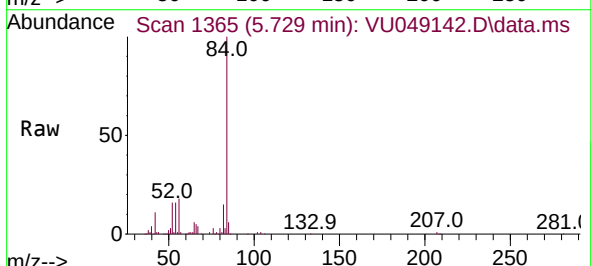
Acq: 15 Jun 2022 02:51

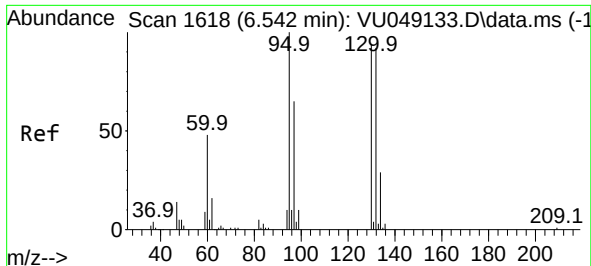
Tgt Ion: 62 Resp: 982

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#

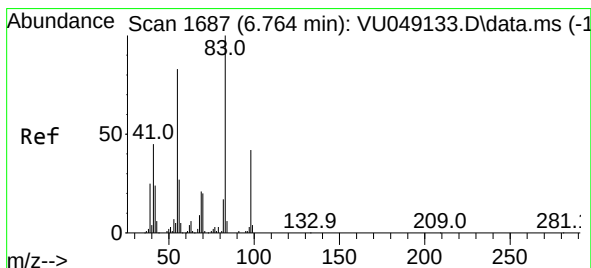
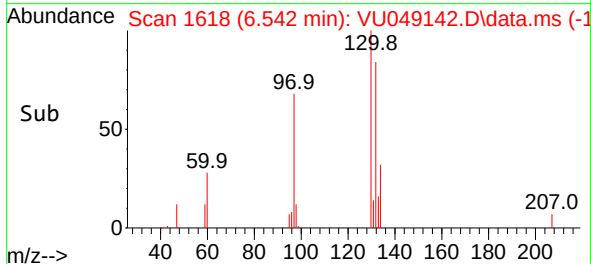
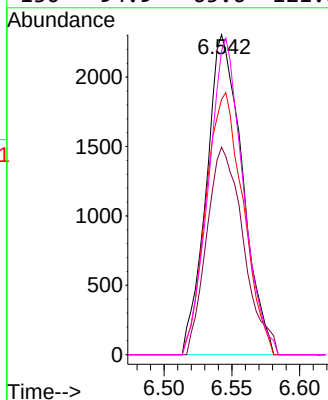
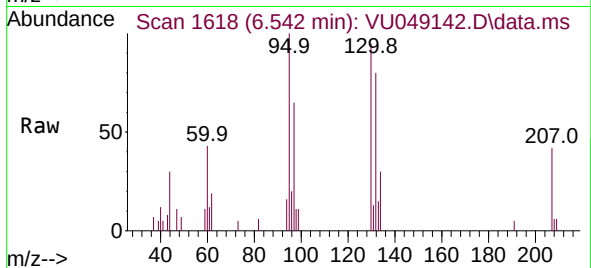




#34
Trichloroethene
Concen: 0.445 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049142.D
Acq: 15 Jun 2022 02:51

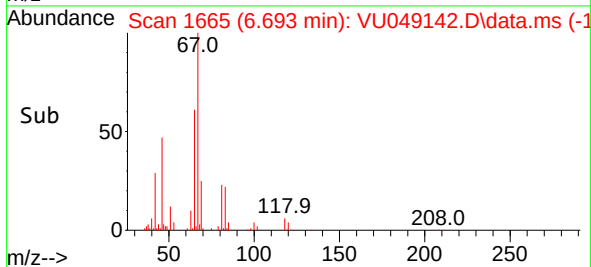
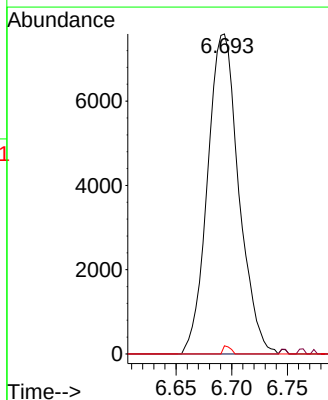
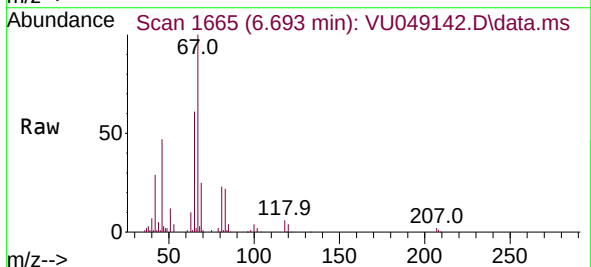
Instrument :
MSVOA_U
ClientSampleId :

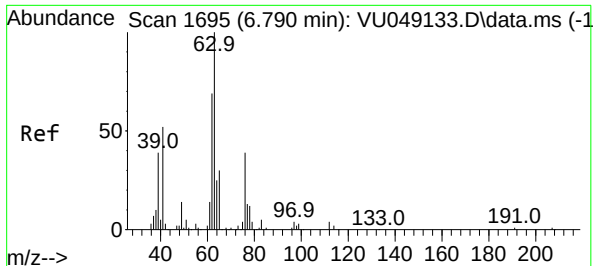
Tgt Ion:	95	Resp:	4247
Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.3	84.1
132	79.8	61.5	114.3
130	94.9	65.6	121.8



#35
Methylcyclohexane
Concen: 0.928 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU049142.D
Acq: 15 Jun 2022 02:51

Tgt Ion:	83	Resp:	14848
Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.9	100.3#
98	0.6	35.5	53.3#

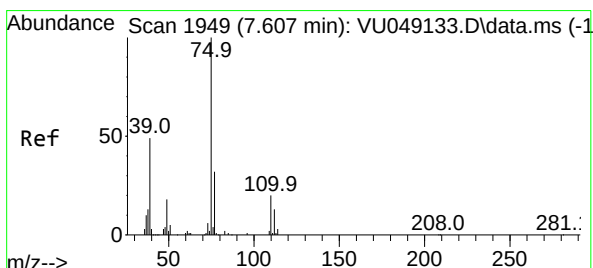
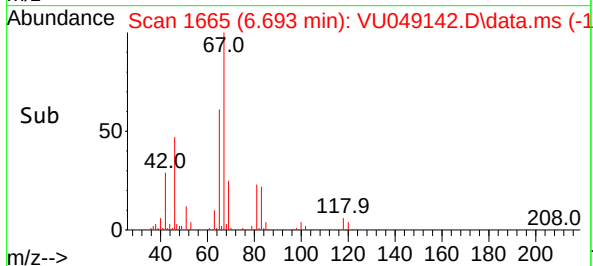
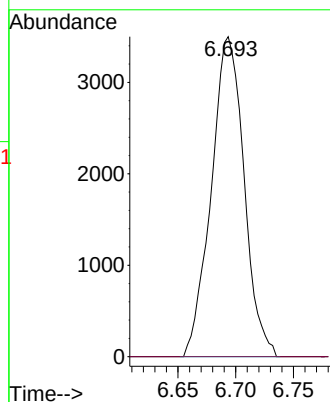
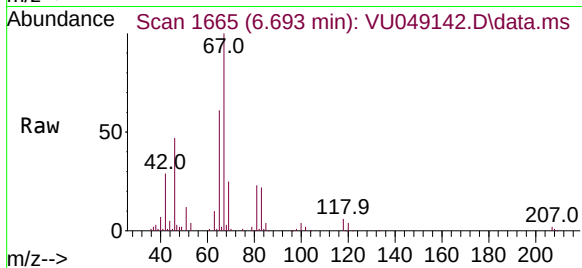




#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU049142.D
Acq: 15 Jun 2022 02:51

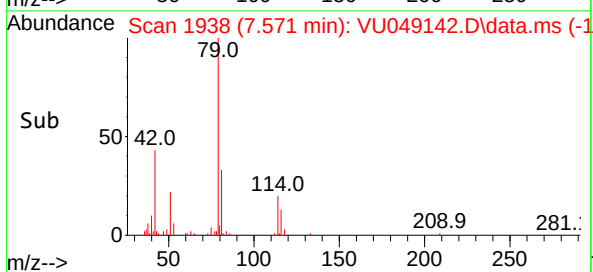
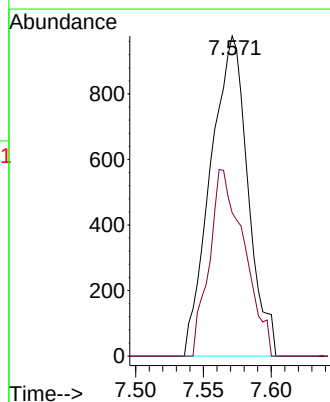
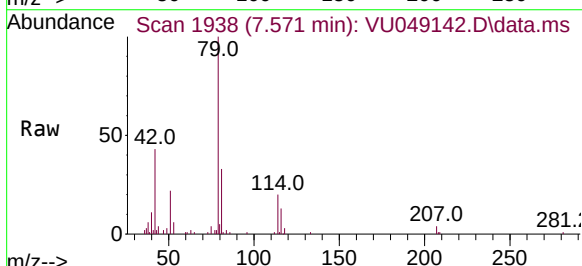
Instrument :
MSVOA_U
ClientSampleId :

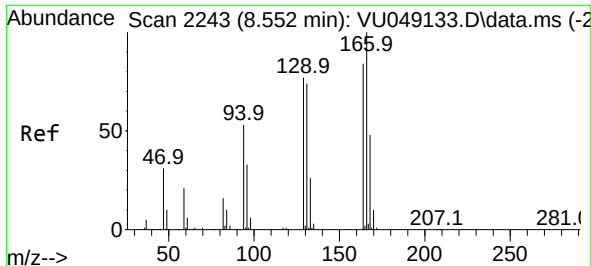
Tgt Ion: 63 Resp: 6913
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.035 min
Lab File: VU049142.D
Acq: 15 Jun 2022 02:51

Tgt Ion: 75 Resp: 1871
Ion Ratio Lower Upper
75 100
77 44.7 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.283 ug/L

RT: 8.552 min Scan# 21

Delta R.T. 0.000 min

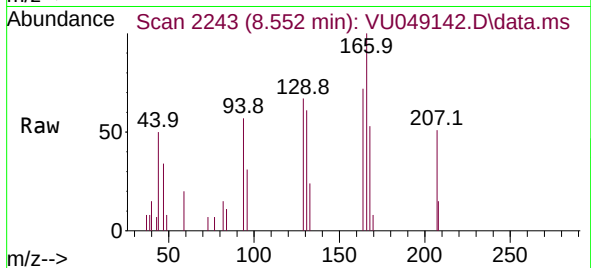
Lab File: VU049142.D

Acq: 15 Jun 2022 02:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 1860

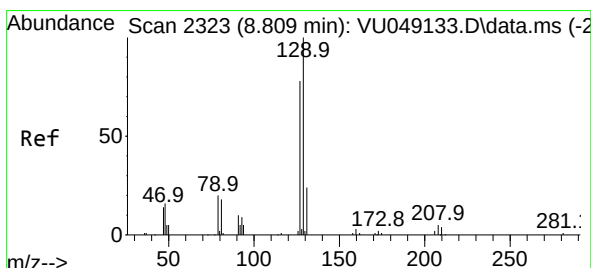
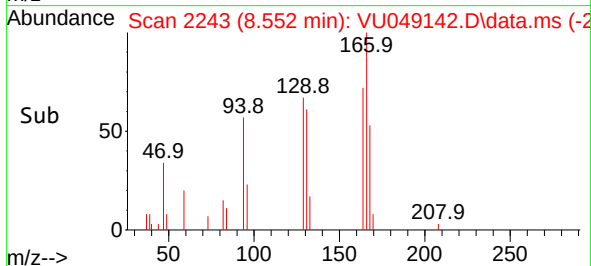
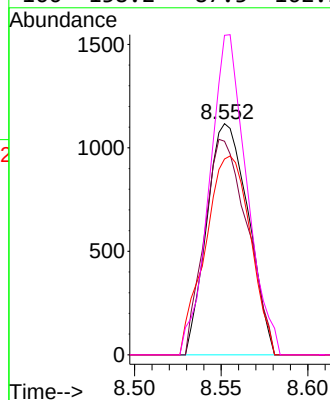
Ion Ratio Lower Upper

164 100

129 92.4 69.8 129.6

131 84.7 67.8 125.8

166 138.2 87.3 162.1



#49

Dibromochloromethane

Concen: 0.219 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.260 min

Lab File: VU049142.D

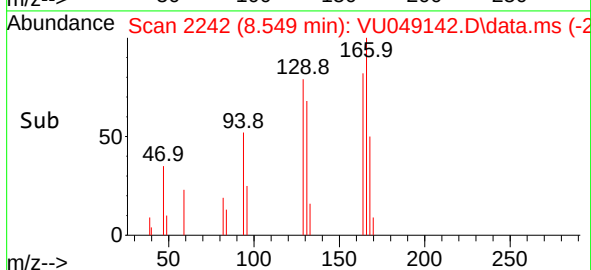
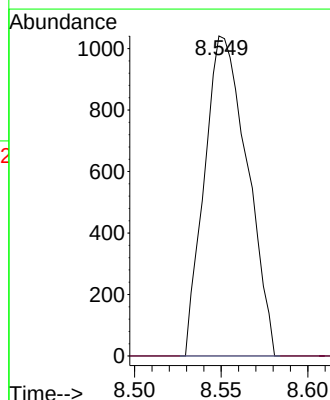
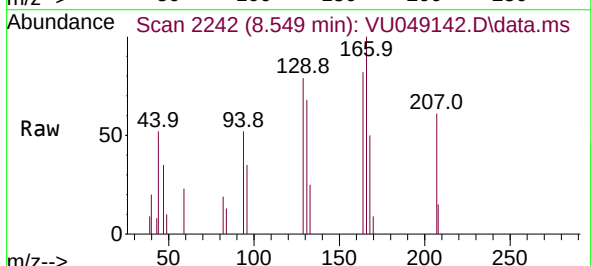
Acq: 15 Jun 2022 02:51

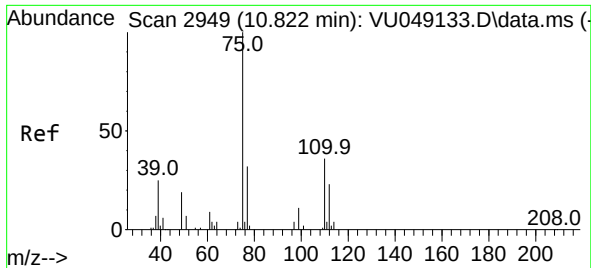
Tgt Ion:129 Resp: 1784

Ion Ratio Lower Upper

129 100

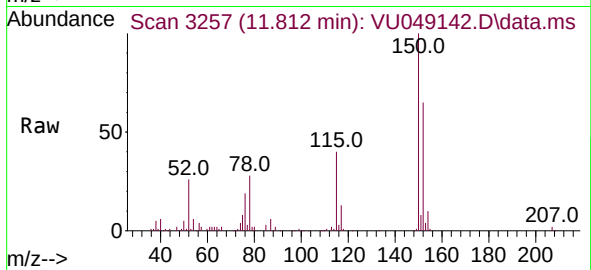
127 0.0 54.9 101.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.184 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049142.D
 Acq: 15 Jun 2022 02:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8088
 Ion Ratio Lower Upper
 75 100
 110 1.6 29.0 43.4#
 77 30.8 26.2 39.2

