

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049141.D
 Acq On : 15 Jun 2022 02:28
 Operator : SY/MD
 Sample : N3274-07 250X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B97

Quant Time: Jun 15 07:23:12 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

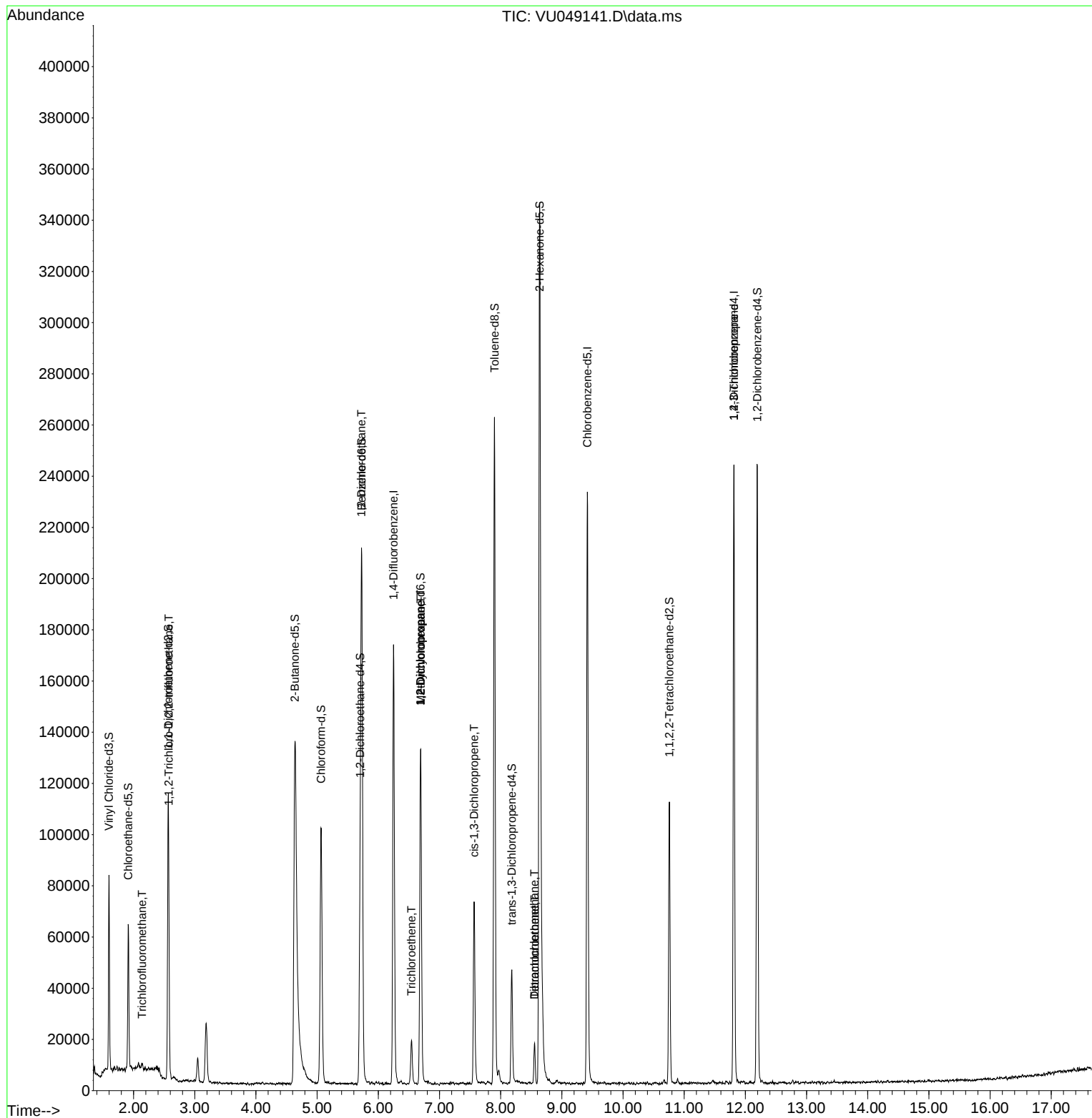
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135693	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	61645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53515	4.513	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.200%	
7) Chloroethane-d5	1.912	69	39377	4.906	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.568	65	21615	4.532	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	4.636	46	192968	60.954	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	121.900%	
24) Chloroform-d	5.063	84	92578	4.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.600%	
26) 1,2-Dichloroethane-d4	5.703	65	54118	5.303	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.729	84	190256	5.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.690	67	66606	5.237	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.800%	
41) Toluene-d8	7.899	98	170822	5.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
43) trans-1,3-Dichloroprop...	8.182	79	26772	4.739	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.800%	
46) 2-Hexanone-d5	8.636	63	123464	54.172	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.340%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55840	5.484	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	61379	5.189	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.138	101	930	0.070	ug/L #	64
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	460	0.059	ug/L #	21
27) 1,2-Dichloroethane	5.723	62	1229	0.112	ug/L #	74
34) Trichloroethene	6.543	95	5715	0.604	ug/L	95
35) Methylcyclohexane	6.694	83	14303	0.901	ug/L #	16
37) 1,2-Dichloropropane	6.694	63	7035	0.692	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2091	0.135	ug/L #	49
47) Tetrachloroethene	8.555	164	3209	0.492	ug/L	92
49) Dibromochloromethane	8.552	129	3428	0.424	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8409	1.216	ug/L #	68

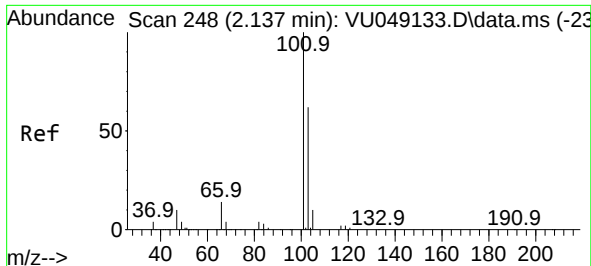
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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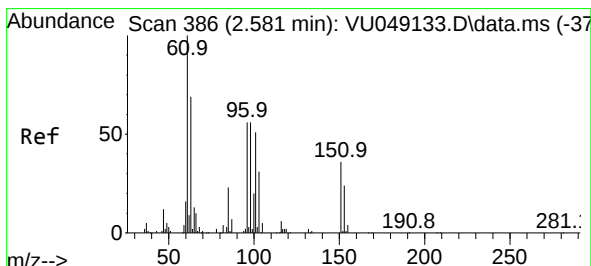
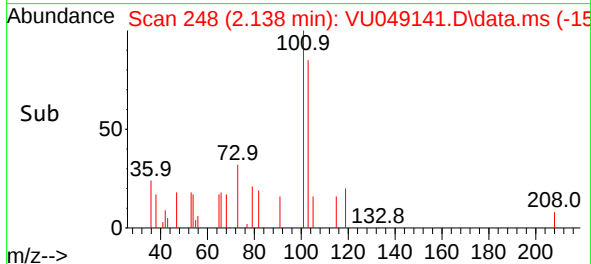
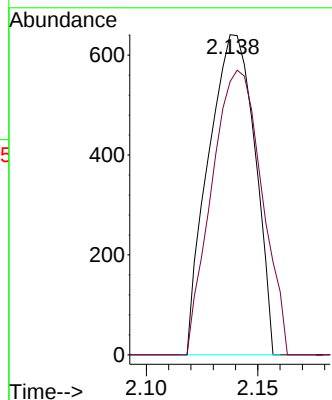
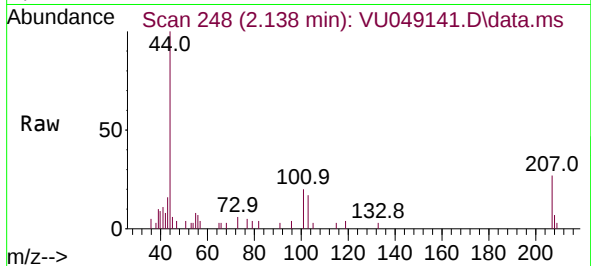




#9
Trichlorofluoromethane
Concen: 0.070 ug/L
RT: 2.138 min Scan# 24
Delta R.T. 0.000 min
Lab File: VU049141.D
Acq: 15 Jun 2022 02:28

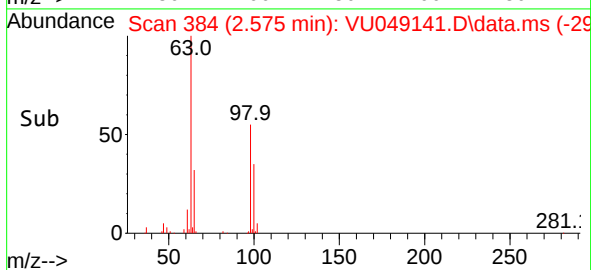
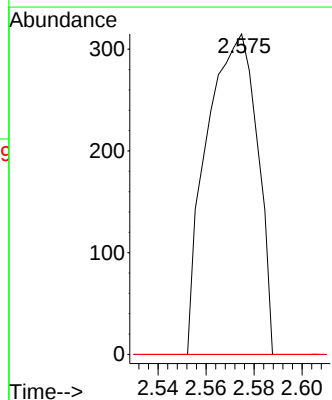
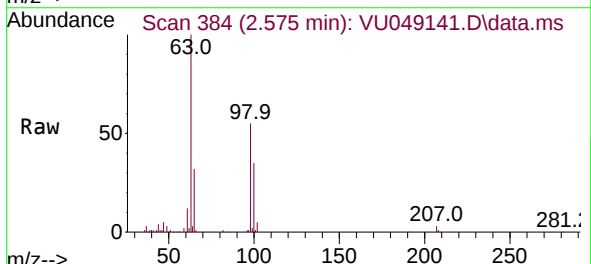
Instrument :
MSVOA_U
ClientSampleId :
C0B97

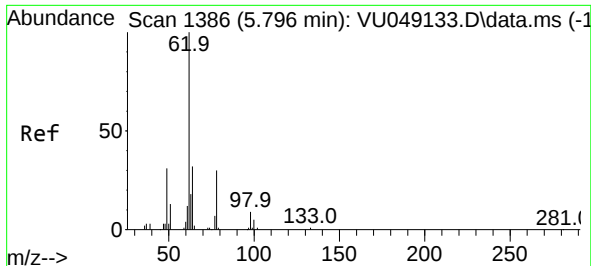
Tgt Ion:101 Resp: 930
Ion Ratio Lower Upper
101 100
103 95.7 53.5 80.3#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU049141.D
Acq: 15 Jun 2022 02:28

Tgt Ion:101 Resp: 460
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: 0.112 ug/L

RT: 5.723 min Scan# 11

Delta R.T. -0.074 min

Lab File: VU049141.D

Acq: 15 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

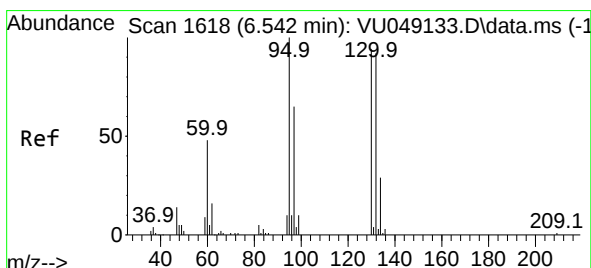
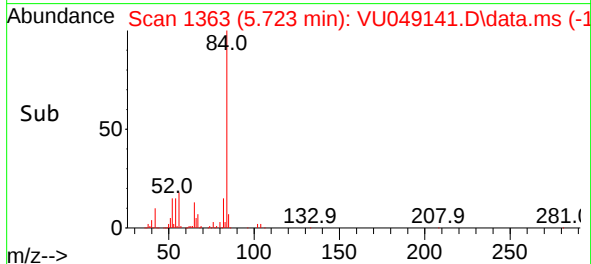
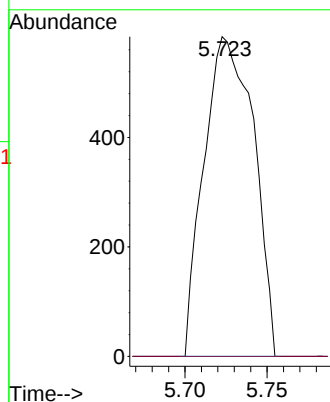
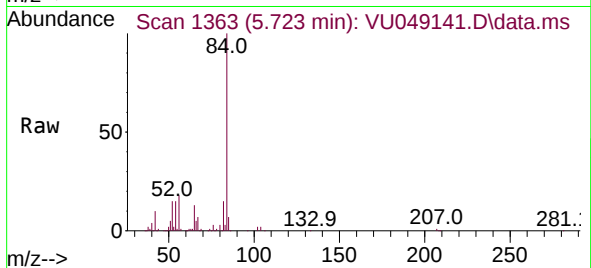
C0B97

Tgt Ion: 62 Resp: 1229

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#34

Trichloroethene

Concen: 0.604 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU049141.D

Acq: 15 Jun 2022 02:28

Tgt Ion: 95 Resp: 5715

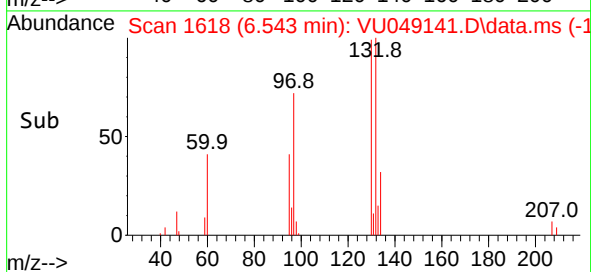
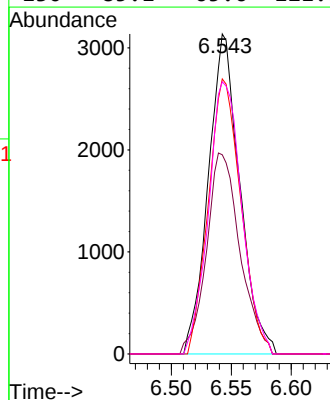
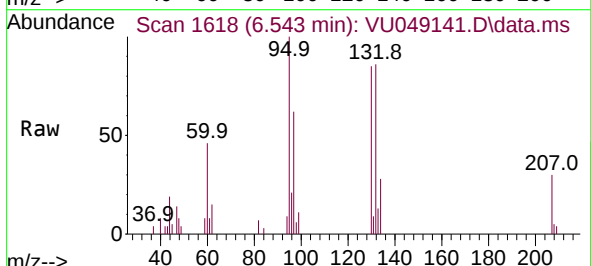
Ion Ratio Lower Upper

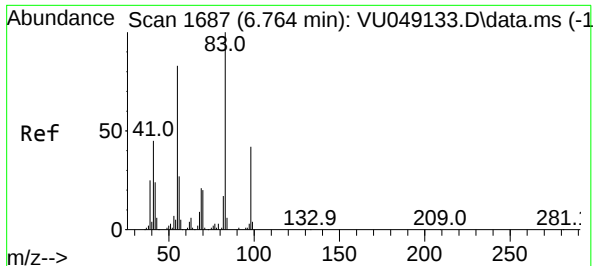
95 100

97 62.3 45.3 84.1

132 86.0 61.5 114.3

130 85.1 65.6 121.8





#35

Methylcyclohexane

Concen: 0.901 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049141.D

Acq: 15 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

C0B97

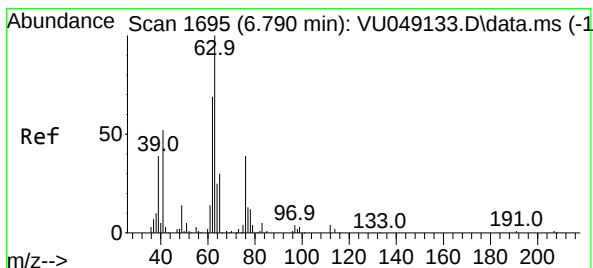
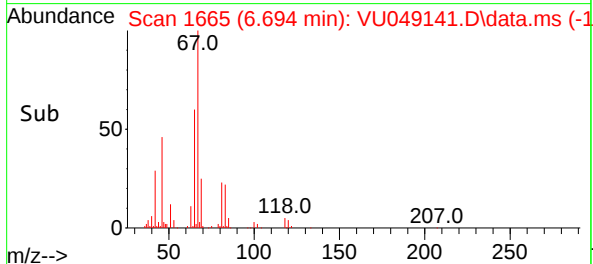
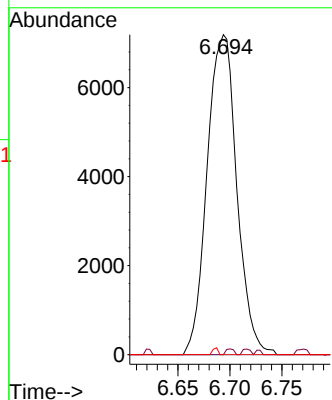
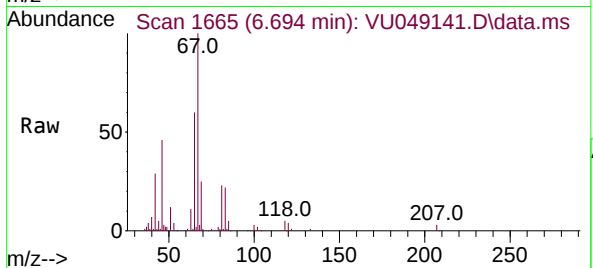
Tgt Ion: 83 Resp: 14303

Ion Ratio Lower Upper

83 100

55 0.5 66.9 100.3#

98 0.4 35.5 53.3#



#37

1,2-Dichloropropane

Concen: 0.692 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.096 min

Lab File: VU049141.D

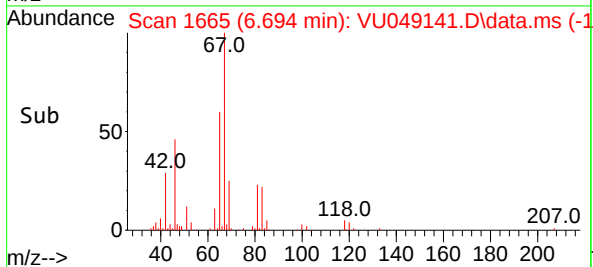
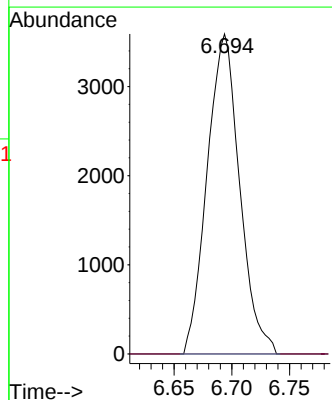
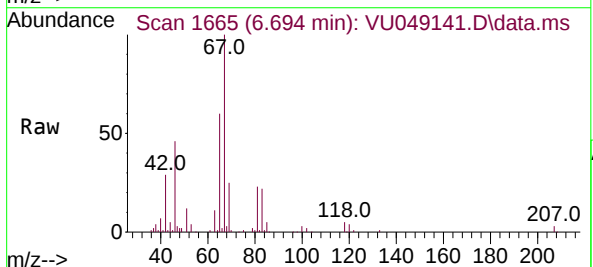
Acq: 15 Jun 2022 02:28

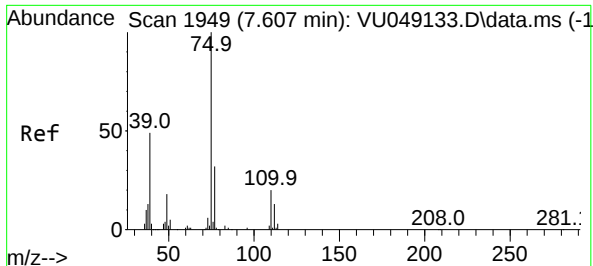
Tgt Ion: 63 Resp: 7035

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 0.135 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU049141.D

Acq: 15 Jun 2022 02:28

Instrument :

MSVOA_U

ClientSampleId :

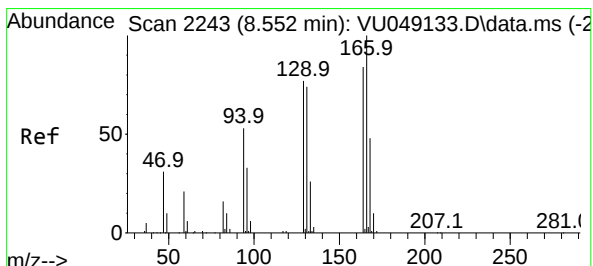
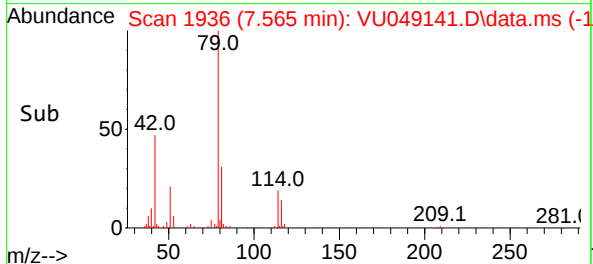
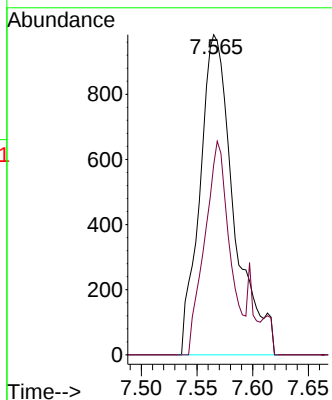
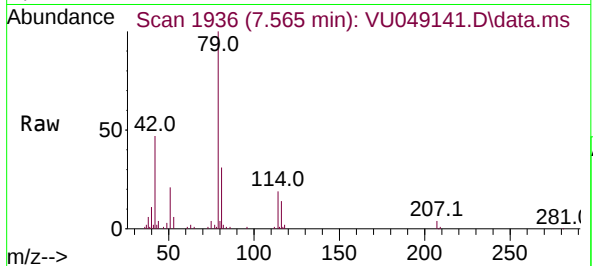
C0B97

Tgt Ion: 75 Resp: 2091

Ion Ratio Lower Upper

75 100

77 59.4 21.8 40.4#



#47

Tetrachloroethene

Concen: 0.492 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049141.D

Acq: 15 Jun 2022 02:28

Tgt Ion: 164 Resp: 3209

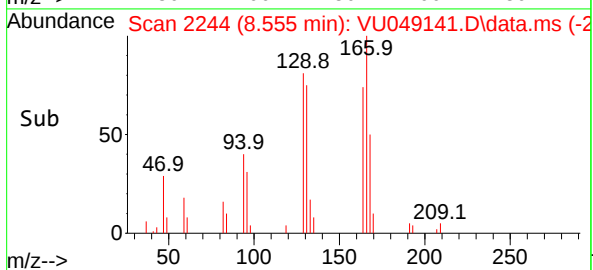
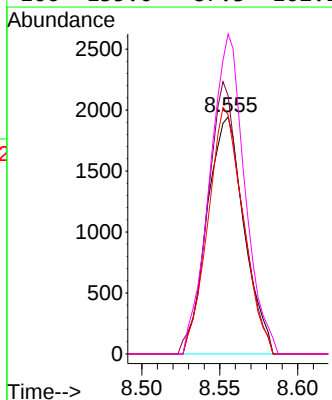
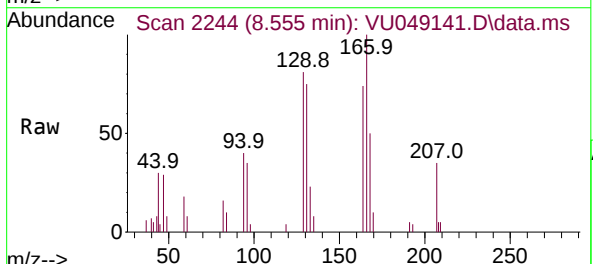
Ion Ratio Lower Upper

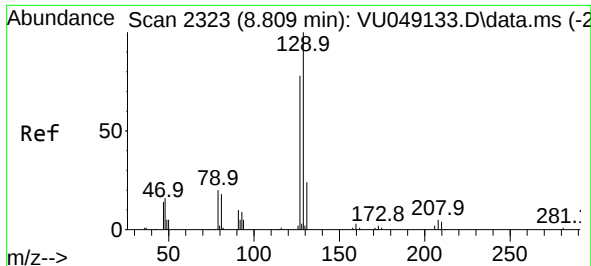
164 100

129 109.0 69.8 129.6

131 101.0 67.8 125.8

166 135.0 87.3 162.1





#49

Dibromochloromethane

Concen: 0.424 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049141.D

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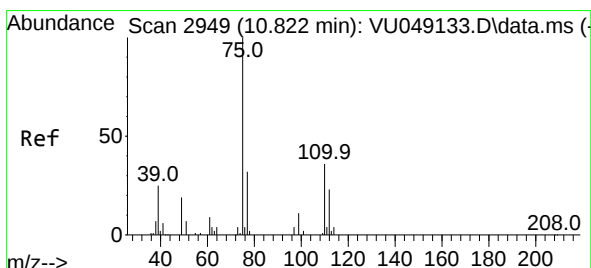
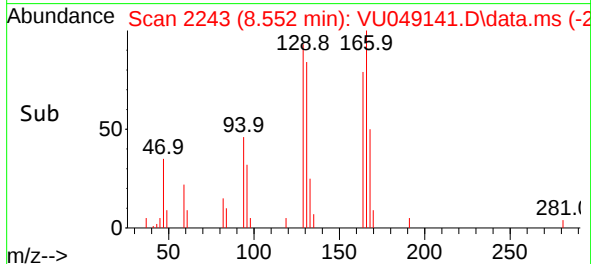
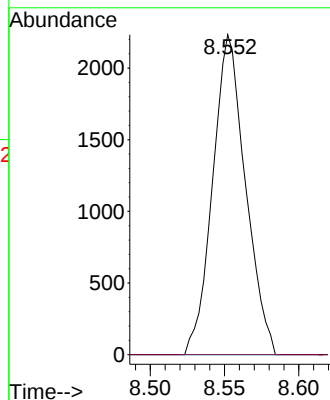
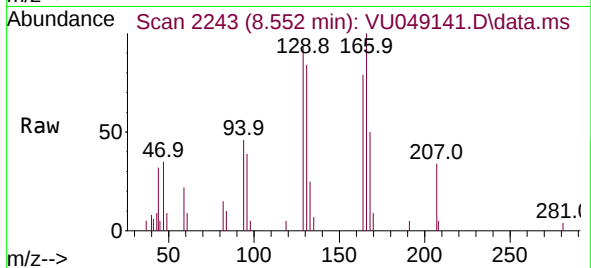
C0B97

Tgt Ion:129 Resp: 3428

Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



#61

1,2,3-Trichloropropane

Concen: 1.216 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.991 min

Lab File: VU049141.D

Acq: 15 Jun 2022 02:28

Tgt Ion: 75 Resp: 8409

Ion Ratio Lower Upper

75 100

110 1.9 29.0 43.4#

77 31.3 26.2 39.2

