

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049135.D
 Acq On : 14 Jun 2022 23:41
 Operator : SY/MD
 Sample : VU0614WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B91

Quant Time: Jun 15 05:28:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:27:35 2022
 Response via : Initial Calibration

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

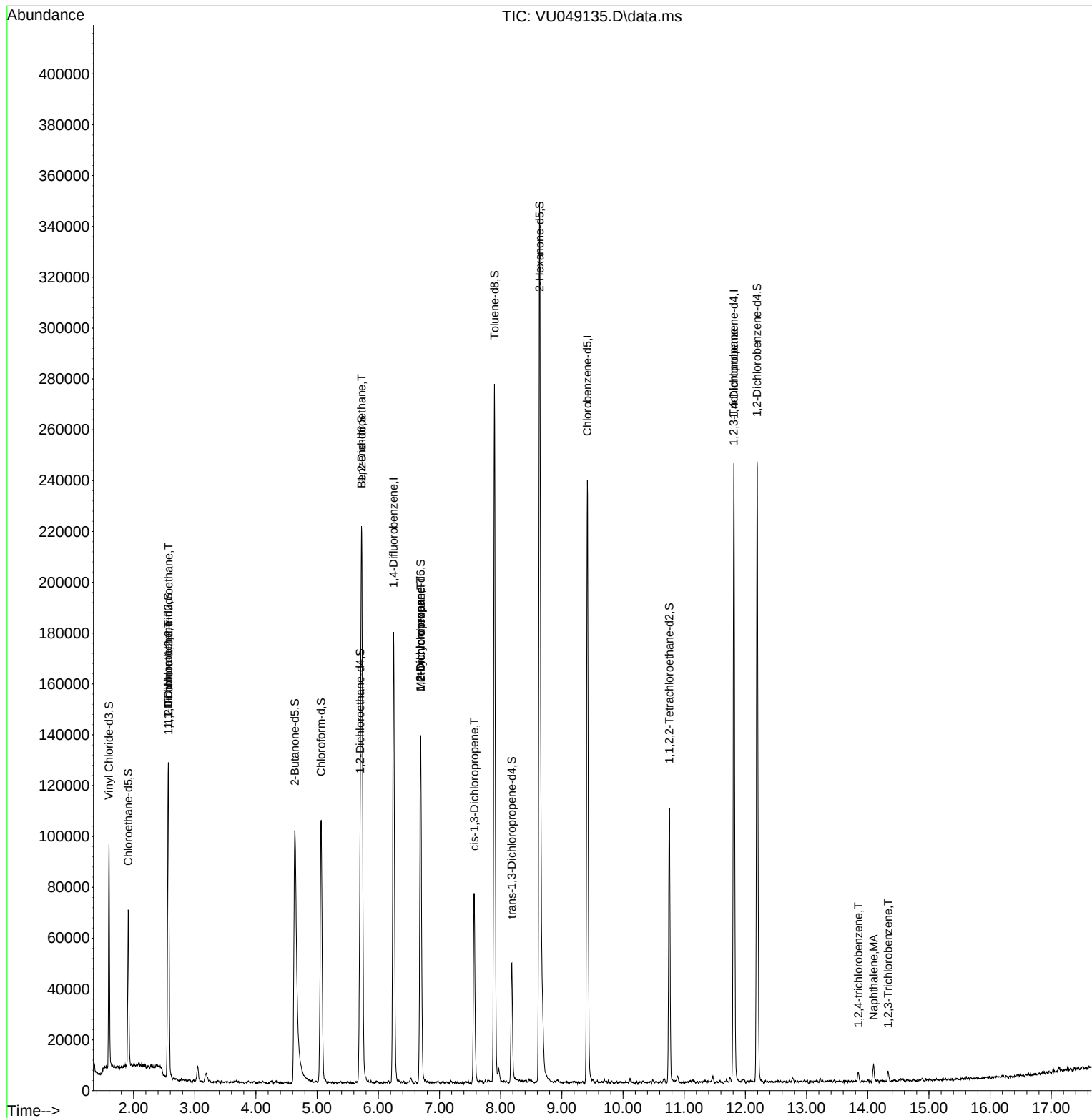
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	140732	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	130119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62695	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60327	4.906	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.912	69	42655	5.124	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.568	65	24616	4.977	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.600%	
20) 2-Butanone-d5	4.636	46	186645	56.846	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.700%	
24) Chloroform-d	5.063	84	95063	4.927	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.703	65	55565	5.250	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.729	84	197983	5.051	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.694	67	67089	5.043	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.800%	
41) Toluene-d8	7.899	98	177443	5.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
43) trans-1,3-Dichloroprop...	8.182	79	27546	4.660	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.200%	
46) 2-Hexanone-d5	8.636	63	123332	51.727	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	103.460%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	54276	5.095	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	12.192	152	62055	5.158	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	663	0.082	ug/L #	21
12) 1,1-Dichloroethene	2.565	96	1049	0.133	ug/L #	1
27) 1,2-Dichloroethane	5.726	62	1101	0.096	ug/L #	74
35) Methylcyclohexane	6.694	83	14946	0.900	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	7336	0.690	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2089	0.129	ug/L #	70
61) 1,2,3-Trichloropropane	11.809	75	8904	1.266	ug/L #	68
70) 1,2,4-trichlorobenzene	13.844	180	1633	0.150	ug/L #	82
71) Naphthalene	14.095	128	6267	0.289	ug/L #	96
72) 1,2,3-Trichlorobenzene	14.336	180	1266	0.124	ug/L	85

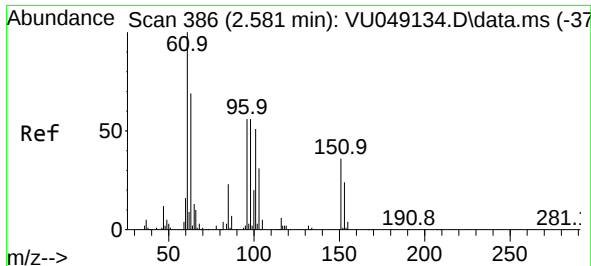
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.082 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.009 min

Lab File: VU049135.D

Acq: 14 Jun 2022 23:41

Instrument :

MSVOA_U

ClientSampleId :

C0B91

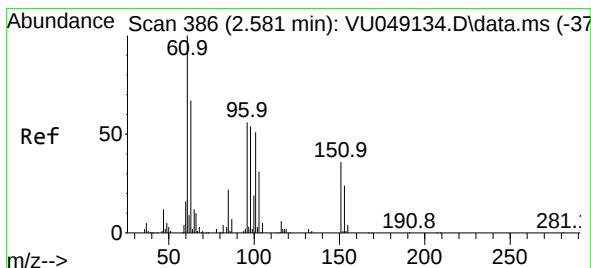
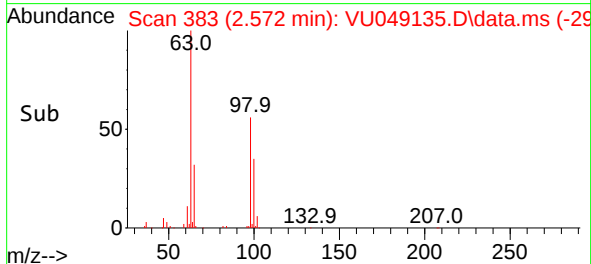
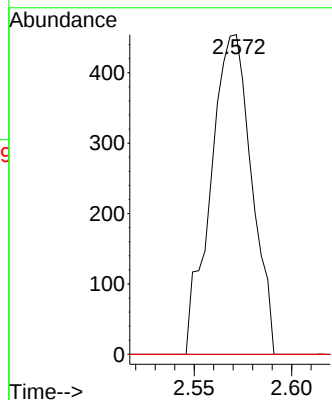
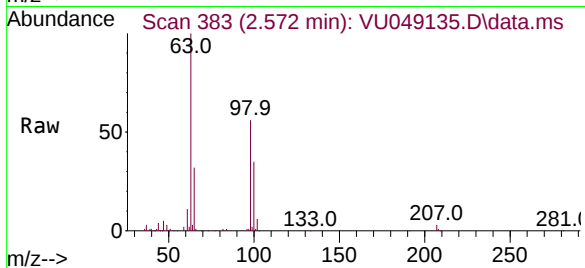
Tgt Ion:101 Resp: 663

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

151 0.0 56.8 85.2#



#12

1,1-Dichloroethene

Concen: 0.133 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU049135.D

Acq: 14 Jun 2022 23:41

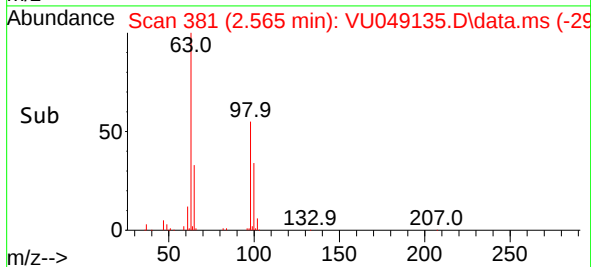
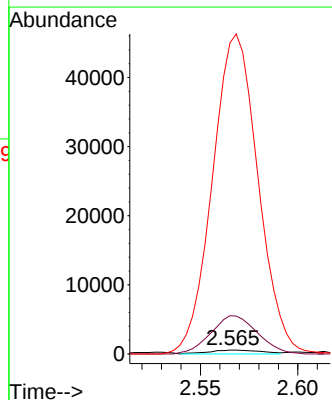
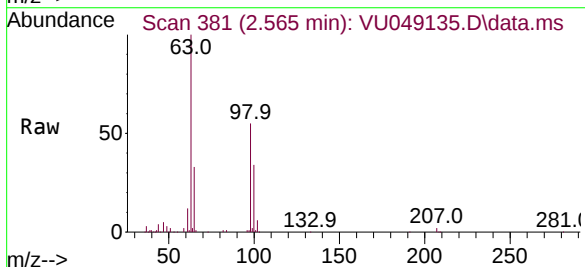
Tgt Ion: 96 Resp: 1049

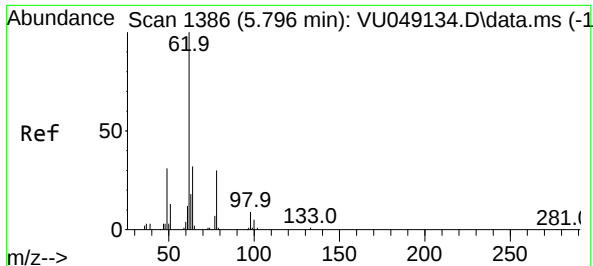
Ion Ratio Lower Upper

96 100

61 1016.9 127.2 236.2#

63 8256.9 94.7 175.9#





#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.726 min Scan# 11

Delta R.T. -0.071 min

Lab File: VU049135.D

Acq: 14 Jun 2022 23:41

Instrument :

MSVOA_U

ClientSampleId :

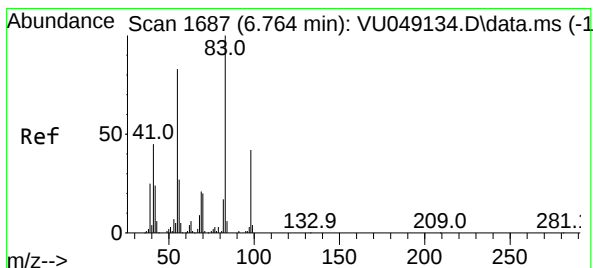
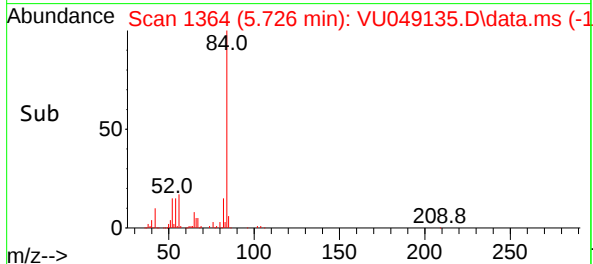
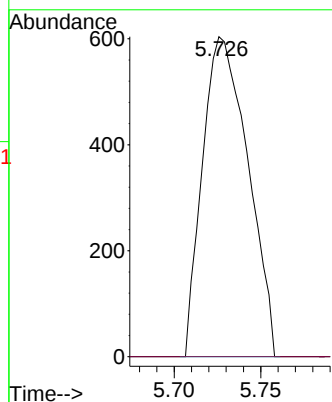
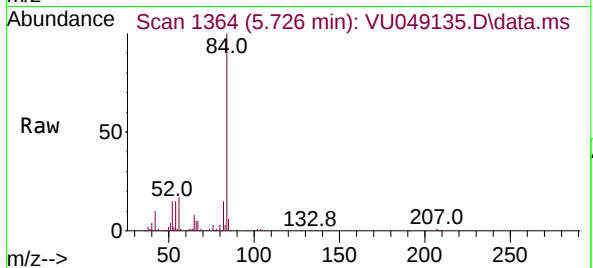
C0B91

Tgt Ion: 62 Resp: 1101

Ion Ratio Lower Upper

62 100

98 0.0 7.6 11.4#



#35

Methylcyclohexane

Concen: 0.900 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU049135.D

Acq: 14 Jun 2022 23:41

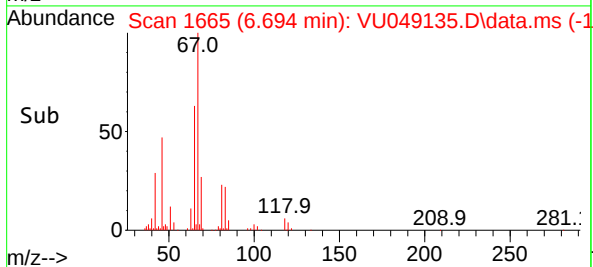
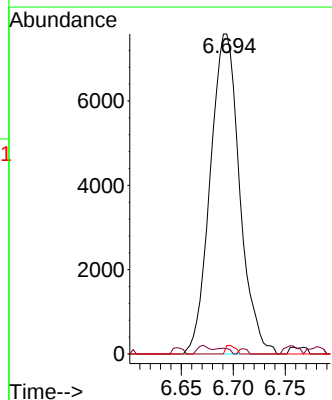
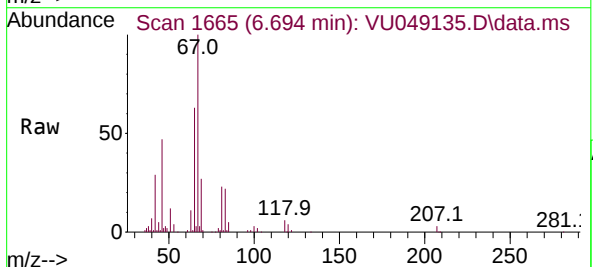
Tgt Ion: 83 Resp: 14946

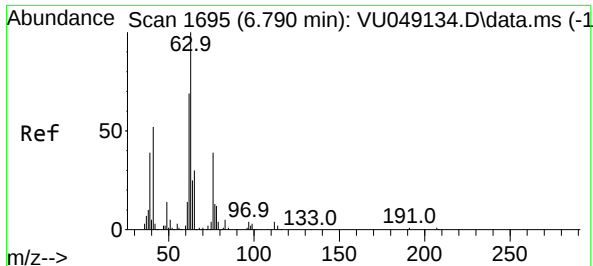
Ion Ratio Lower Upper

83 100

55 0.8 66.9 100.3#

98 0.9 35.5 53.3#





#37

1,2-Dichloropropane

Concen: 0.690 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU049135.D

Acq: 14 Jun 2022 23:41

Instrument :

MSVOA_U

ClientSampleId :

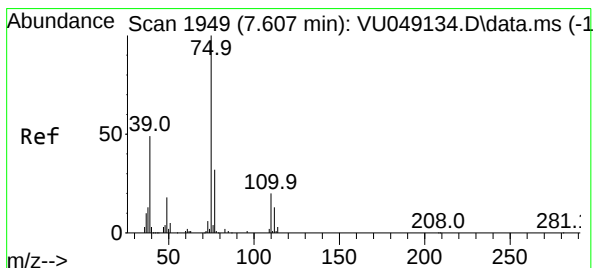
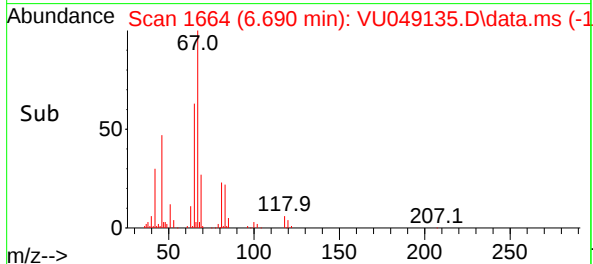
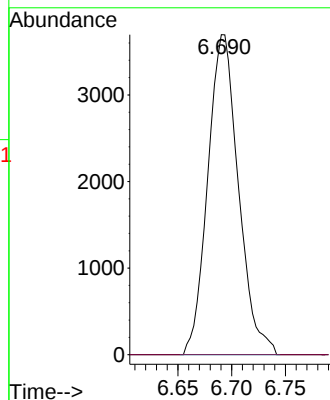
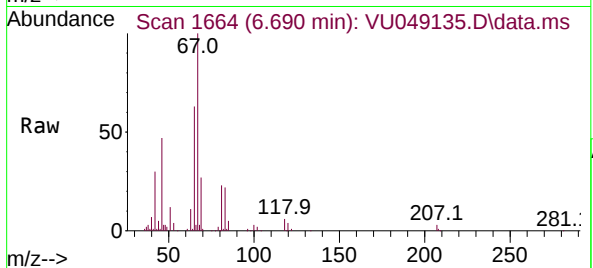
C0B91

Tgt Ion: 63 Resp: 7336

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.038 min

Lab File: VU049135.D

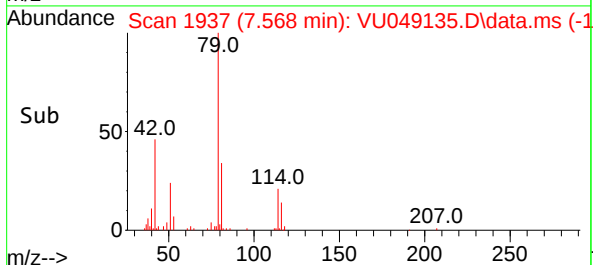
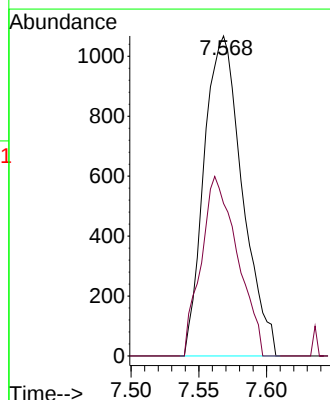
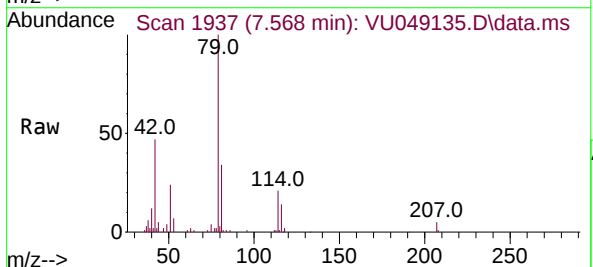
Acq: 14 Jun 2022 23:41

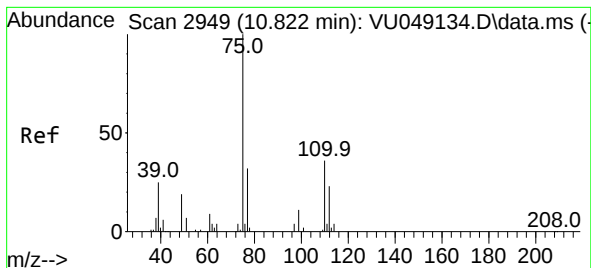
Tgt Ion: 75 Resp: 2089

Ion Ratio Lower Upper

75 100

77 47.7 21.8 40.4#





#61

1,2,3-Trichloropropane

Concen: 1.266 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU049135.D

Acq: 14 Jun 2022 23:41

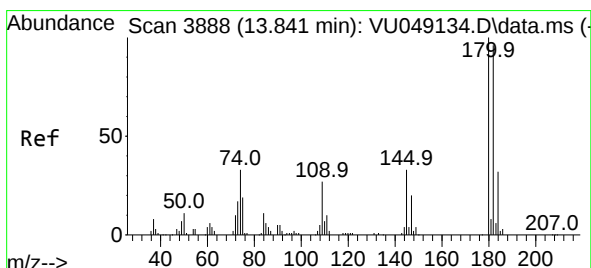
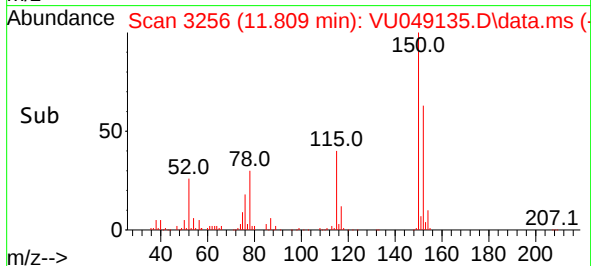
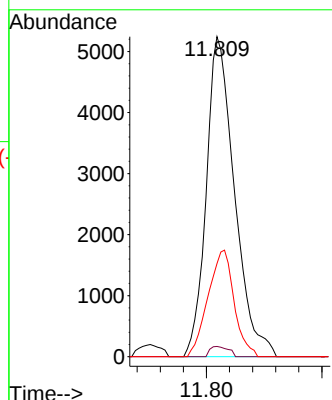
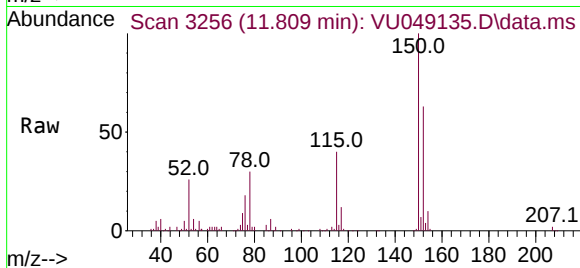
Instrument :

MSVOA_U

ClientSampleId :

C0B91

Tgt Ion: 75	Resp:	8904
Ion Ratio	Lower	Upper
75	100	
110	2.1	29.0 43.4#
77	30.7	26.2 39.2



#70

1,2,4-trichlorobenzene

Concen: 0.150 ug/L

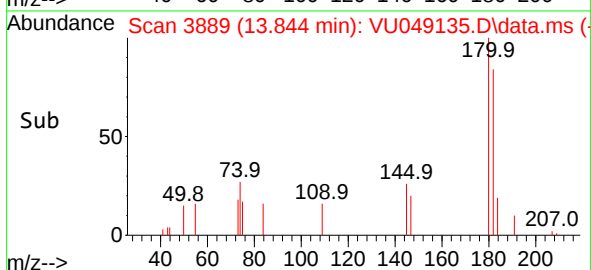
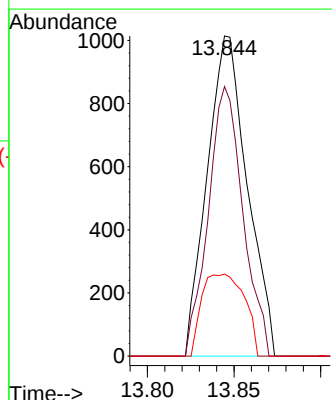
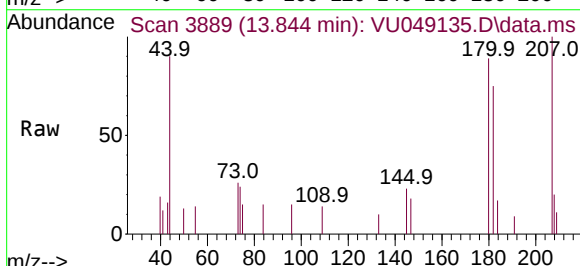
RT: 13.844 min Scan# 3889

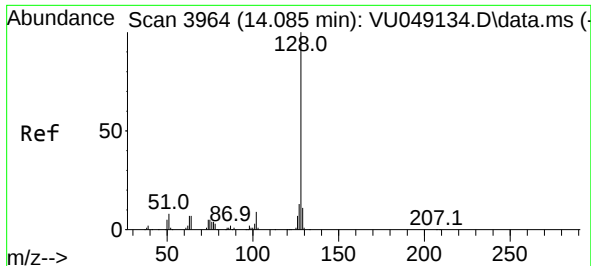
Delta R.T. 0.003 min

Lab File: VU049135.D

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Tgt Ion: 180	Resp:	1633
Ion Ratio	Lower	Upper
180	100	
182	72.8	74.6 112.0#
145	27.2	26.1 39.1

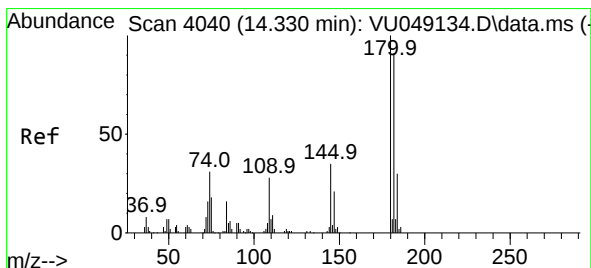
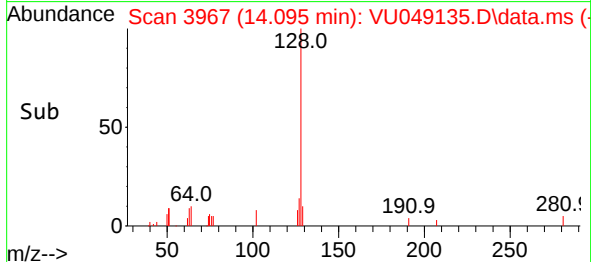
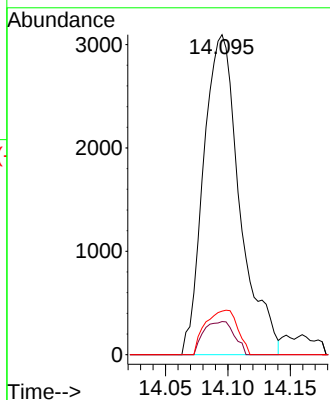
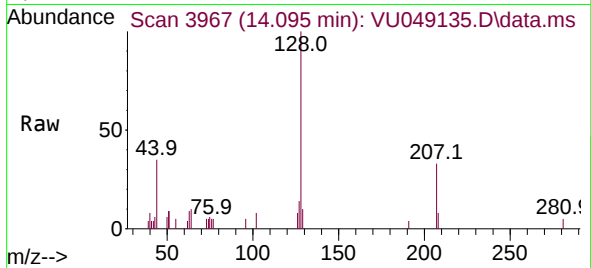




#71
Naphthalene
Concen: 0.289 ug/L
RT: 14.095 min Scan# 3964
Delta R.T. 0.010 min
Lab File: VU049135.D
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MSVOA_U
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Tgt Ion:128 Resp: 6267
Ion Ratio Lower Upper
128 100
129 8.7 9.0 13.6#
127 12.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.124 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.007 min
Lab File: VU049135.D
Acq: 14 Jun 2022 23:41

Tgt Ion:180 Resp: 1266
Ion Ratio Lower Upper
180 100
182 112.6 75.6 113.4
145 31.6 27.9 41.9

