

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050133.D
 Acq On : 08 Aug 2022 13:59
 Operator : SY/MD
 Sample : VU0808WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK102

Quant Time: Aug 09 00:40:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

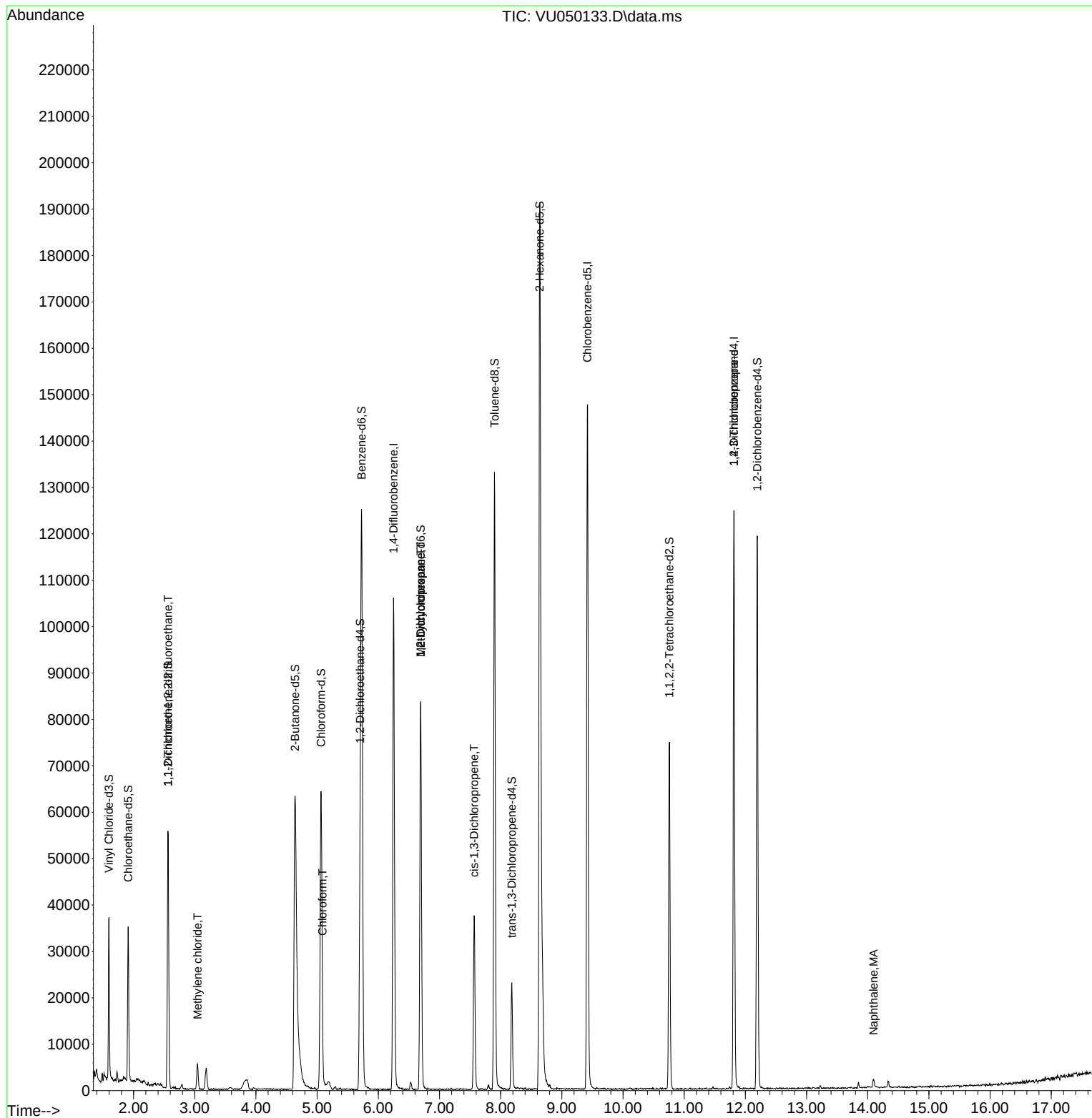
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88641	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87477	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33501	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25647	3.477	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.912	69	24053	4.041	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.562	65	10784	3.740	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.639	46	109366	60.796	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.600%
24) Chloroform-d	5.063	84	62945	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.703	65	33974	4.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.729	84	118682	4.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.694	67	42634	4.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.899	98	93324	3.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.182	79	14242	4.421	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.639	63	65065	56.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39205	4.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	33185	5.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	386	0.067	ug/L #	22
16) Methylene chloride	3.044	84	2669	0.285	ug/L	97
25) Chloroform	5.086	83	517	0.037	ug/L #	70
35) Methylcyclohexane	6.694	83	9517	0.995	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4127	0.506	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	987	0.093	ug/L #	77
61) 1,2,3-Trichloropropane	11.812	75	4523	0.991	ug/L #	65
71) Naphthalene	14.098	128	2691	0.216	ug/L #	86

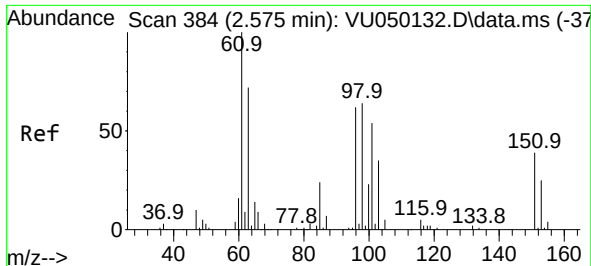
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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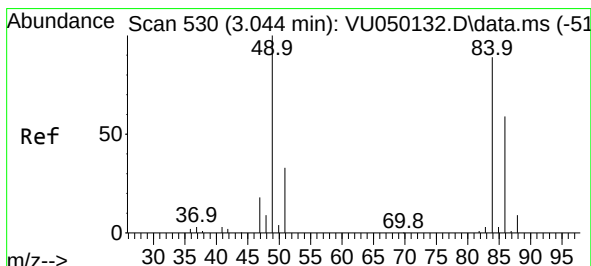
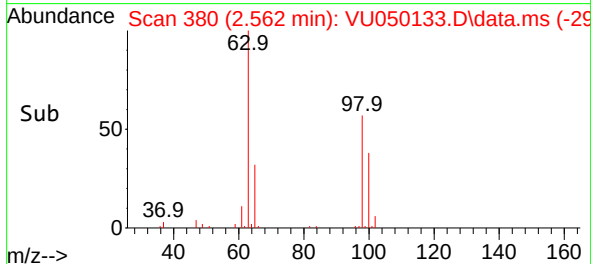
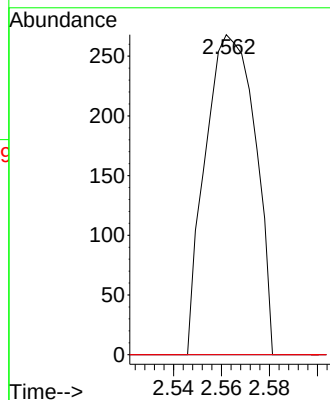
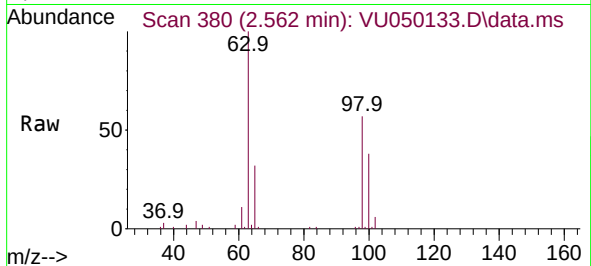




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.067 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050133.D
Acq: 08 Aug 2022 13:59

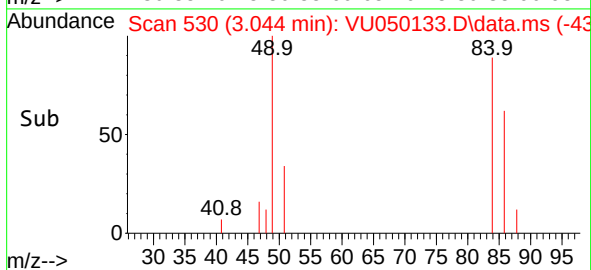
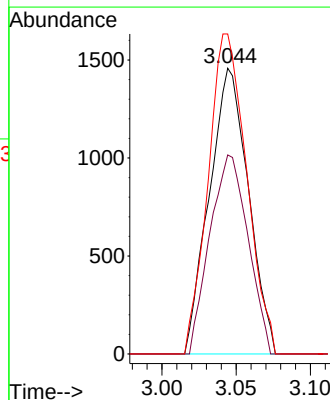
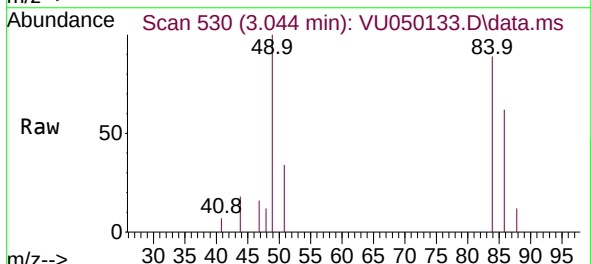
Instrument :
MSVOA_U
ClientSampleId :
VBLK102

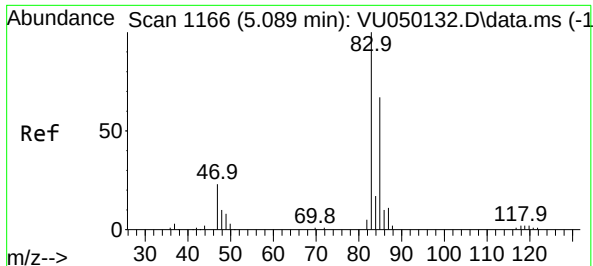
Tgt Ion:101 Resp: 386
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#



#16
Methylene chloride
Concen: 0.285 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU050133.D
Acq: 08 Aug 2022 13:59

Tgt Ion: 84 Resp: 2669
Ion Ratio Lower Upper
84 100
86 69.7 45.9 85.3
49 112.0 77.6 144.0





#25

Chloroform

Concen: 0.037 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU050133.D

Acq: 08 Aug 2022 13:59

Instrument :

MSVOA_U

ClientSampleId :

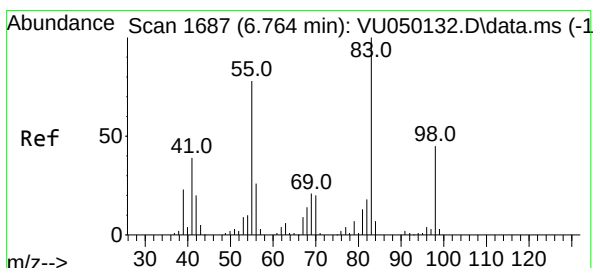
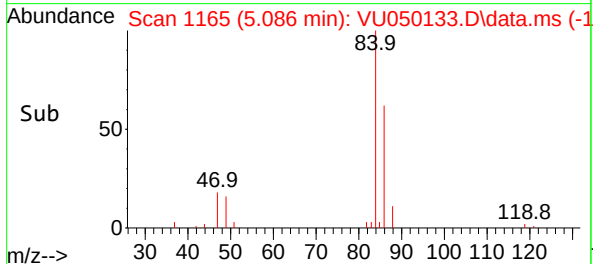
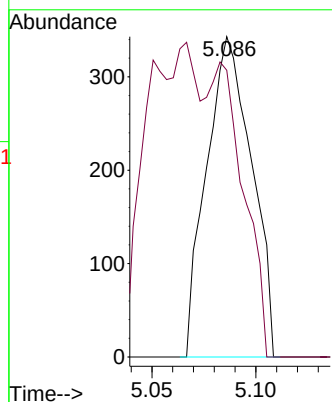
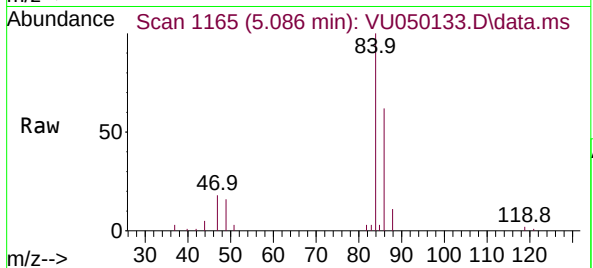
VBLK102

Tgt Ion: 83 Resp: 517

Ion Ratio Lower Upper

83 100

85 89.5 46.1 85.5#



#35

Methylcyclohexane

Concen: 0.995 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU050133.D

Acq: 08 Aug 2022 13:59

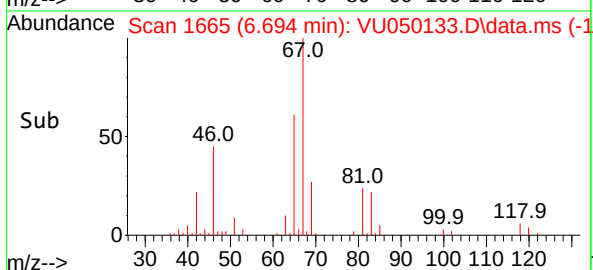
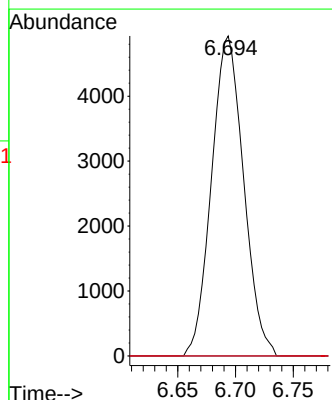
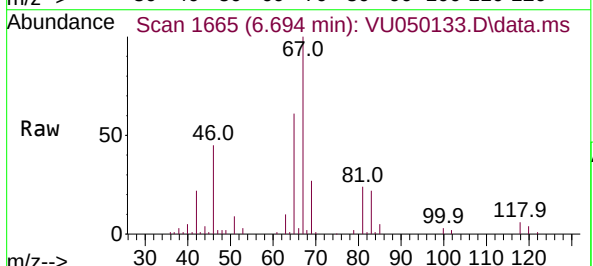
Tgt Ion: 83 Resp: 9517

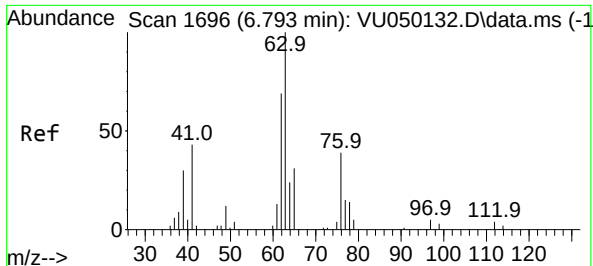
Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 1.8 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050133.D

Acq: 08 Aug 2022 13:59

Instrument :

MSVOA_U

ClientSampleId :

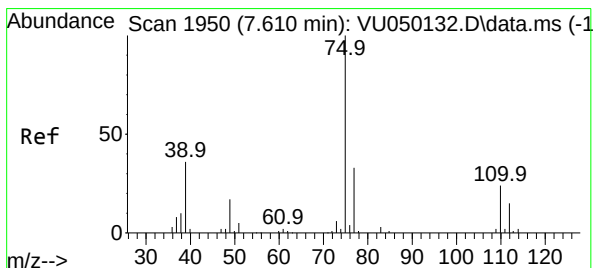
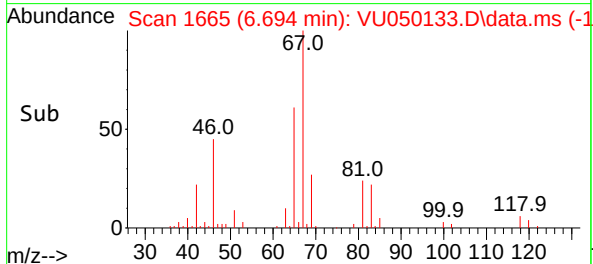
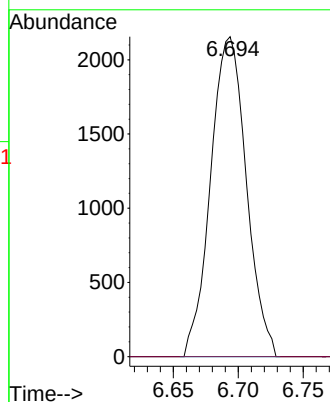
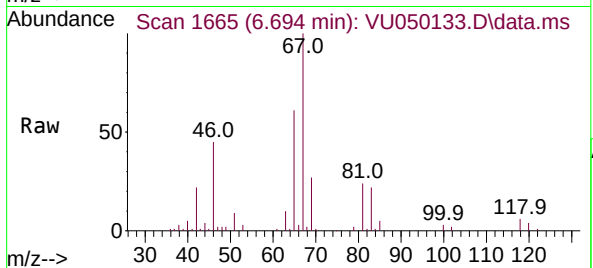
VBLK102

Tgt Ion: 63 Resp: 4127

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU050133.D

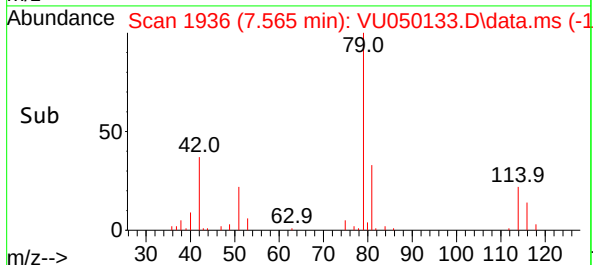
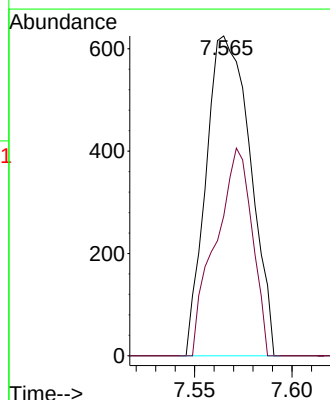
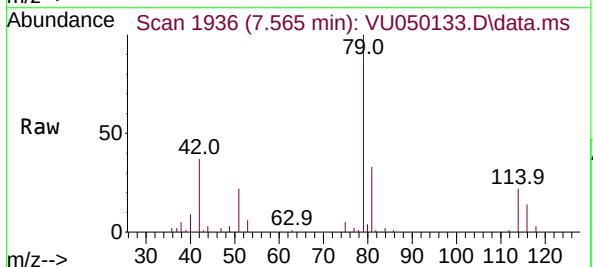
Acq: 08 Aug 2022 13:59

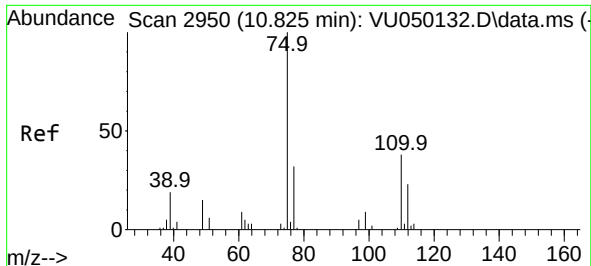
Tgt Ion: 75 Resp: 987

Ion Ratio Lower Upper

75 100

77 43.7 21.8 40.4#

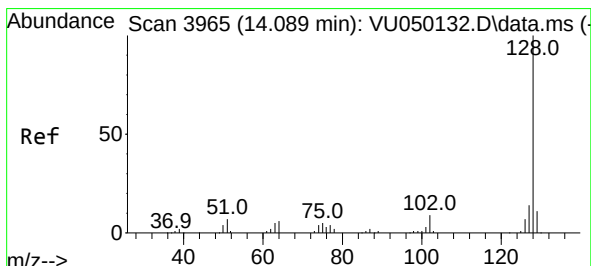
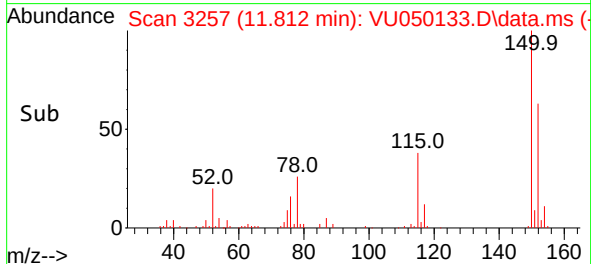
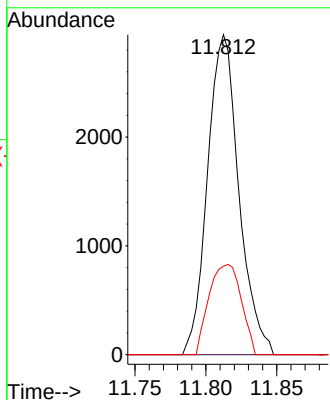
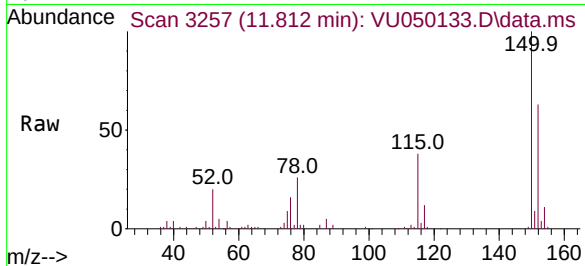




#61
1,2,3-Trichloropropane
Concen: 0.991 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU050133.D
Acq: 08 Aug 2022 13:59

Instrument :
MSVOA_U
ClientSampleId :
VBLK102

Tgt Ion: 75 Resp: 4523
Ion Ratio Lower Upper
75 100
110 0.0 28.5 42.7#
77 28.9 25.8 38.6



#71
Naphthalene
Concen: 0.216 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.010 min
Lab File: VU050133.D
Acq: 08 Aug 2022 13:59

Tgt Ion: 128 Resp: 2691
Ion Ratio Lower Upper
128 100
129 6.1 8.6 12.8#
127 7.3 10.6 16.0#

