

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049971.D
 Acq On : 28 Jul 2022 01:32
 Operator : SY/MD
 Sample : N3922-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C80

Quant Time: Jul 28 03:52:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

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

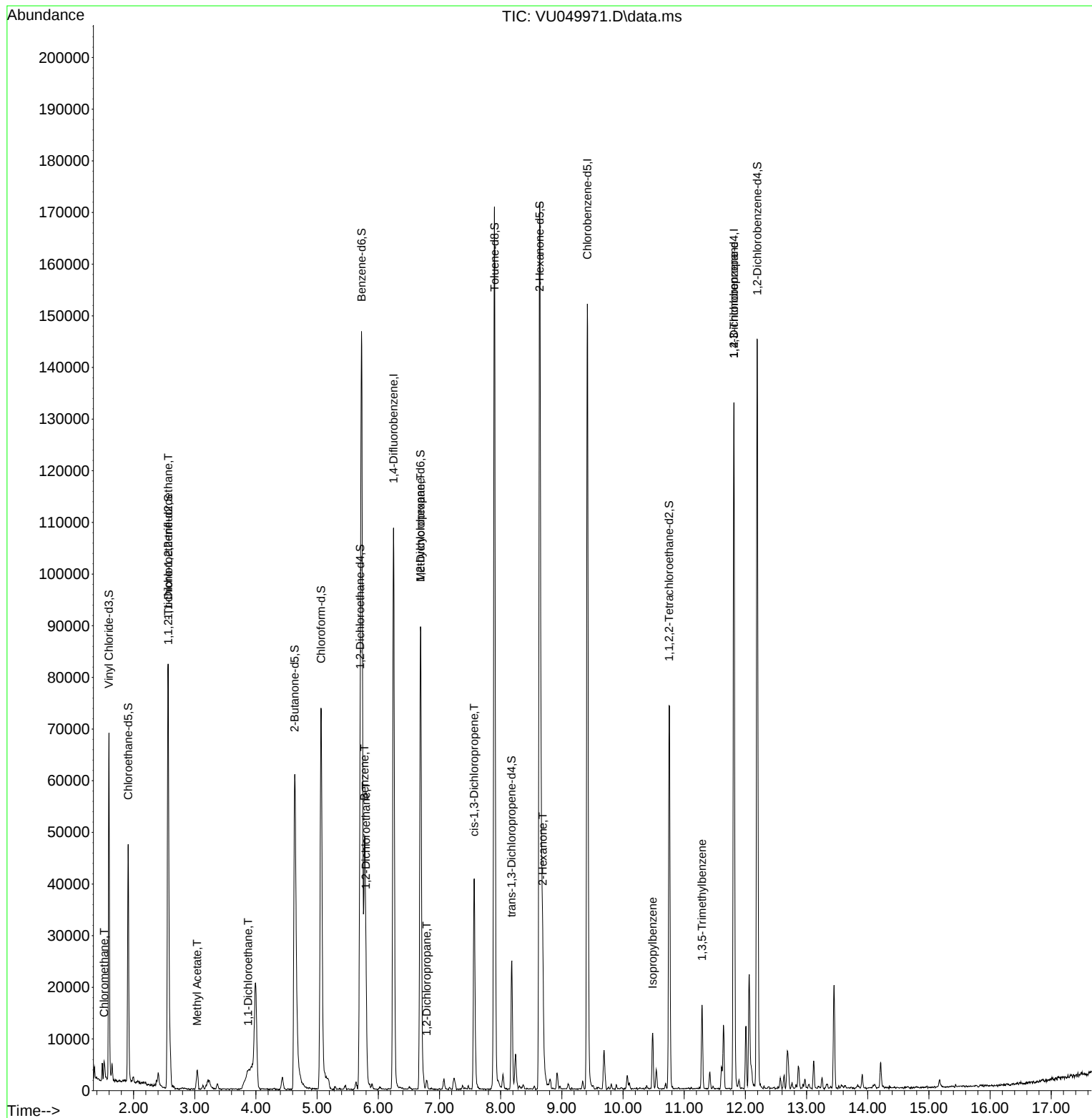
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	91736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	89442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37153	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	43646	5.541	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 110.800%		
7) Chloroethane-d5	1.912	69	33448	5.912	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 118.200%		
11) 1,1-Dichloroethene-d2	2.565	65	15133	5.575	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 111.400%		
20) 2-Butanone-d5	4.633	46	97966	55.874	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.740%		
24) Chloroform-d	5.063	84	69001	5.294	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.800%		
26) 1,2-Dichloroethane-d4	5.703	65	35276	5.371	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.400%		
32) Benzene-d6	5.729	84	142660	5.398	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.000%		
36) 1,2-Dichloropropane-d6	6.690	67	46558	5.377	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 107.600%		
41) Toluene-d8	7.899	98	118874	5.060	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.200%		
43) trans-1,3-Dichloroprop...	8.179	79	14996	4.942	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 98.800%		
46) 2-Hexanone-d5	8.636	63	55202	48.593	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 97.180%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	39168	5.384	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 107.600%		
66) 1,2-Dichlorobenzene-d4	12.195	152	39927	5.794	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 115.800%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3698	0.441	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	410	0.075	ug/L #	21
15) Methyl Acetate	3.038	43	2039	0.797	ug/L #	48
19) 1,1-Dichloroethane	3.874	63	1148	0.101	ug/L #	87
27) 1,2-Dichloroethane	5.796	62	16324	2.286	ug/L	96
33) Benzene	5.774	78	42976	1.646	ug/L	100
35) Methylcyclohexane	6.690	83	10314	1.232	ug/L #	22
37) 1,2-Dichloropropane	6.790	63	783	0.109	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	944	0.101	ug/L #	82
48) 2-Hexanone	8.687	43	15553	4.908	ug/L #	93
60) Isopropylbenzene	10.484	105	7450	0.339	ug/L	98
61) 1,2,3-Trichloropropane	11.812	75	4439	1.029	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.291	105	10704	0.600	ug/L #	73

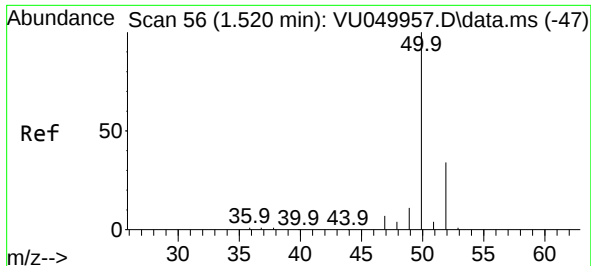
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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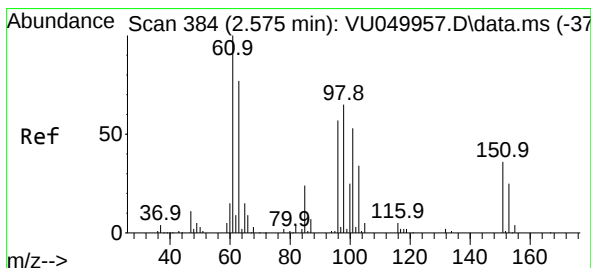
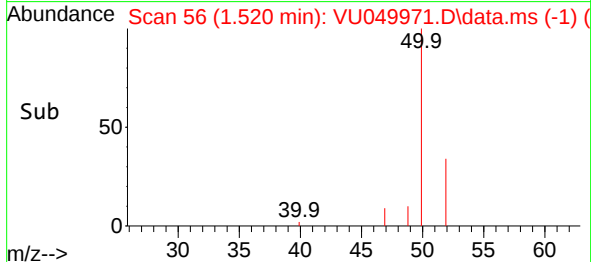
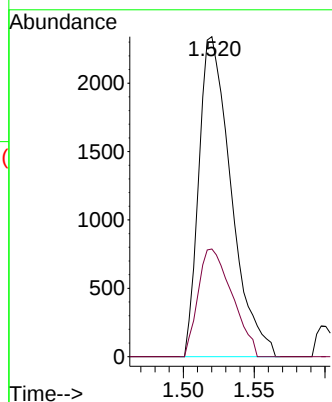
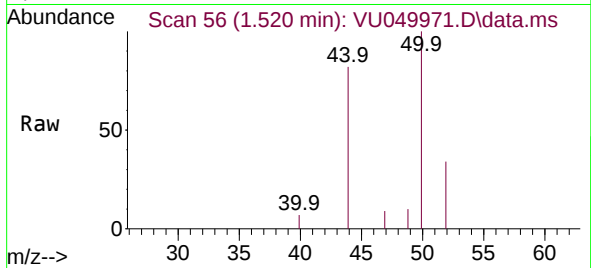




#3
Chloromethane
Concen: 0.441 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049971.D
Acq: 28 Jul 2022 01:32

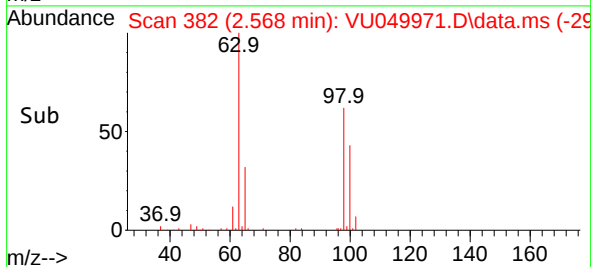
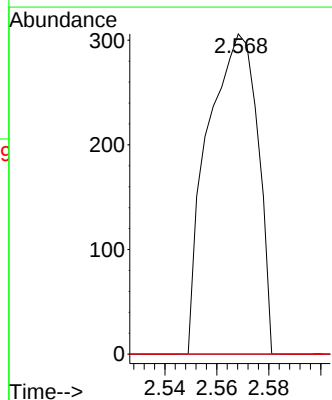
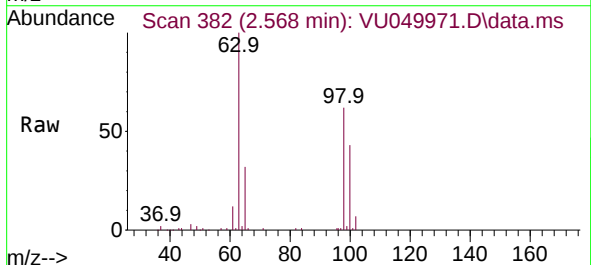
Instrument :
MSVOA_U
ClientSampleId :
COC80

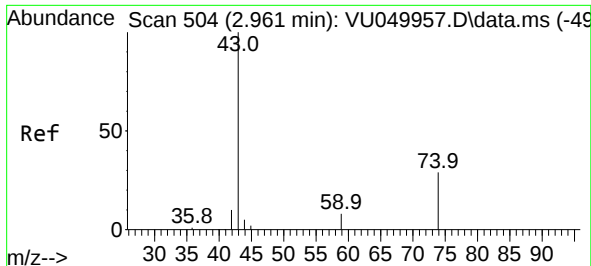
Tgt Ion: 50 Resp: 3698
Ion Ratio Lower Upper
50 100
52 33.7 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.006 min
Lab File: VU049971.D
Acq: 28 Jul 2022 01:32

Tgt Ion: 101 Resp: 410
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#

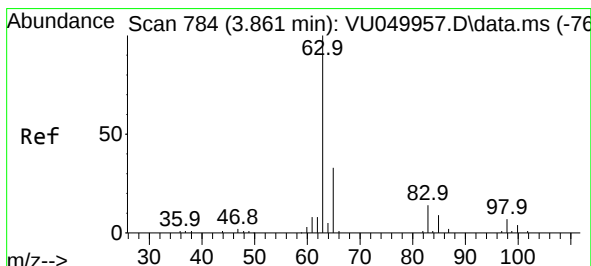
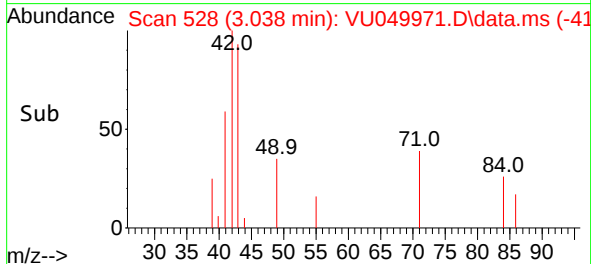
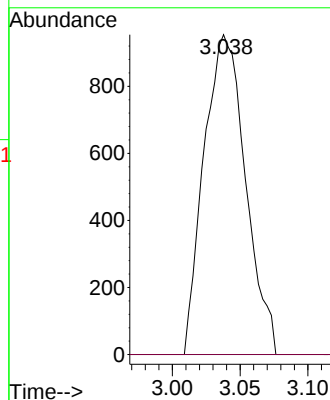
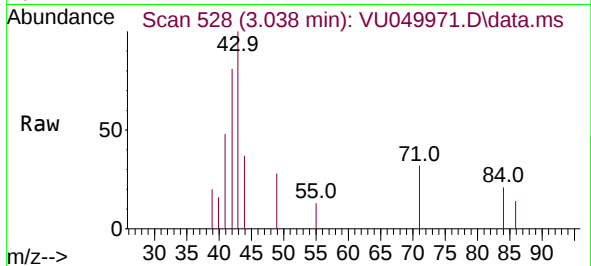




#15
Methyl Acetate
Concen: 0.797 ug/L
RT: 3.038 min Scan# 51
Delta R.T. 0.077 min
Lab File: VU049971.D
Acq: 28 Jul 2022 01:32

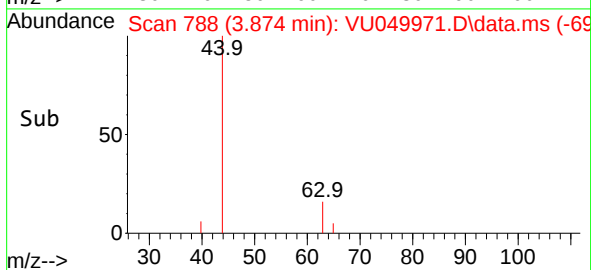
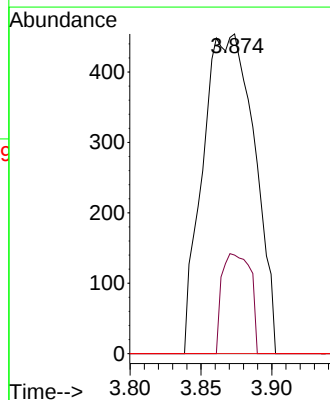
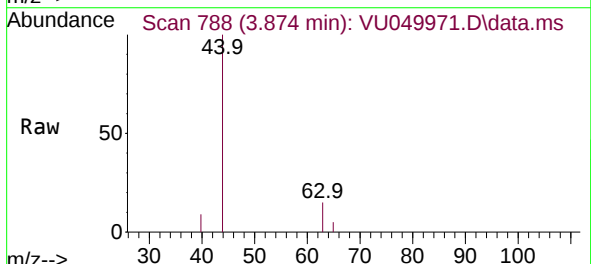
Instrument :
MSVOA_U
ClientSampleId :
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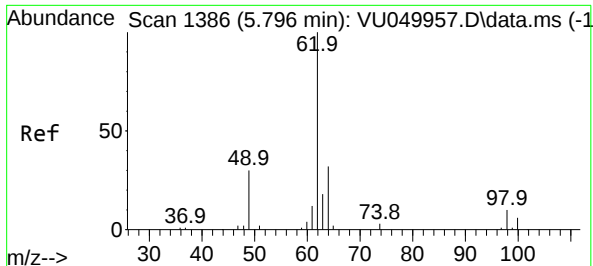
Tgt Ion: 43 Resp: 2039
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
1,1-Dichloroethane
Concen: 0.101 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.013 min
Lab File: VU049971.D
Acq: 28 Jul 2022 01:32

Tgt Ion: 63 Resp: 1148
Ion Ratio Lower Upper
63 100
65 30.8 23.4 43.6
83 0.0 9.4 17.4#





#27

1,2-Dichloroethane

Concen: 2.286 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049971.D

Acq: 28 Jul 2022 01:32

Instrument :

MSVOA_U

ClientSampleId :

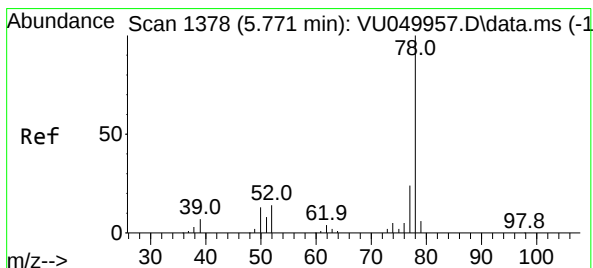
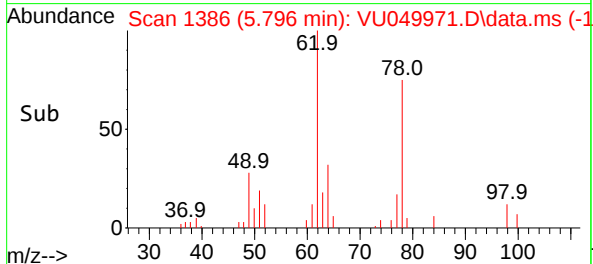
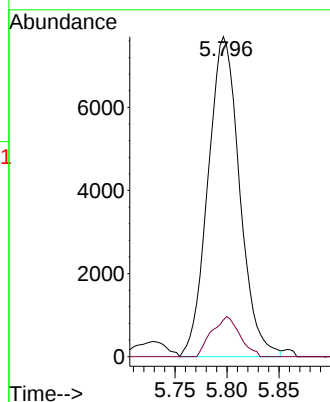
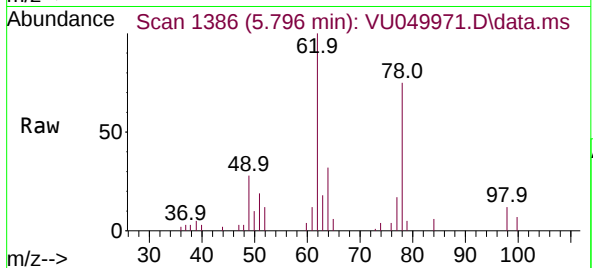
C0C80

Tgt Ion: 62 Resp: 16324

Ion Ratio Lower Upper

62 100

98 11.5 7.9 11.9



#33

Benzene

Concen: 1.646 ug/L

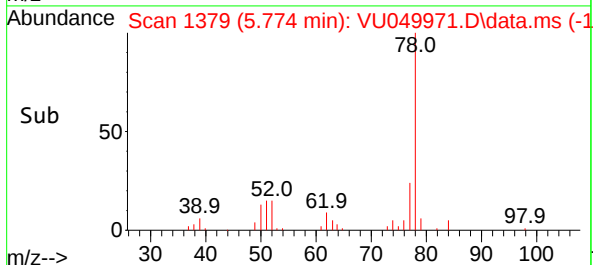
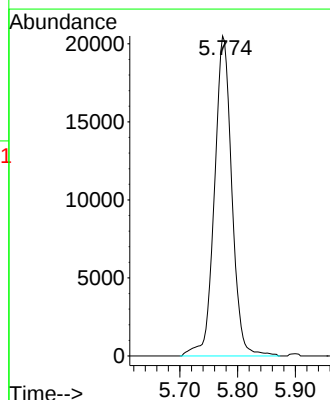
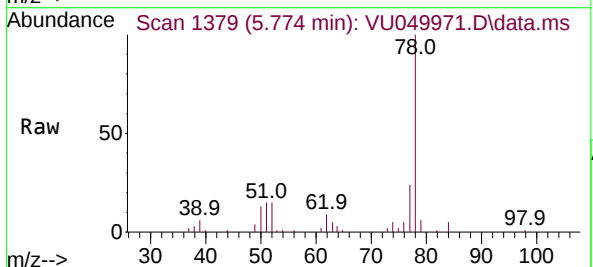
RT: 5.774 min Scan# 1379

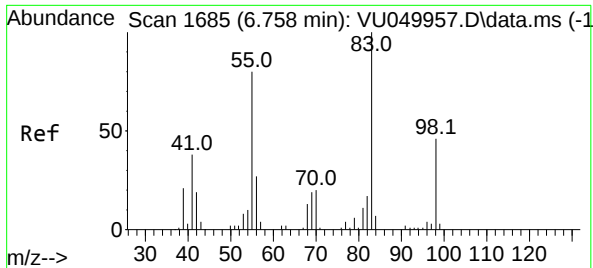
Delta R.T. 0.003 min

Lab File: VU049971.D

Acq: 28 Jul 2022 01:32

Tgt Ion: 78 Resp: 42976

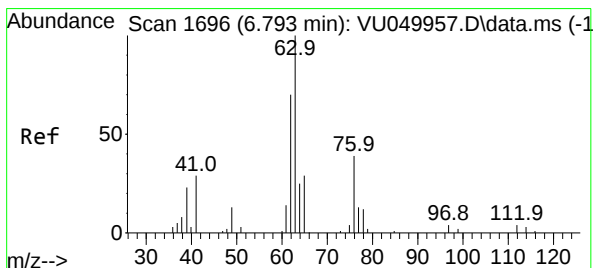
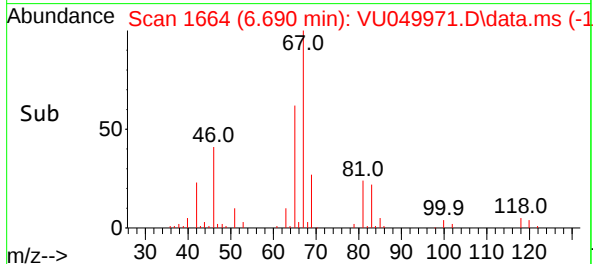
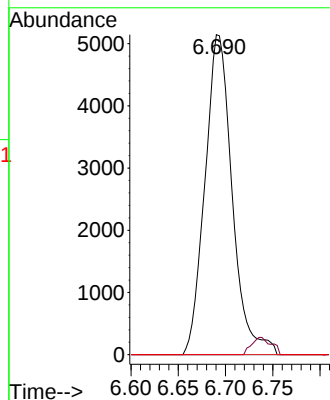
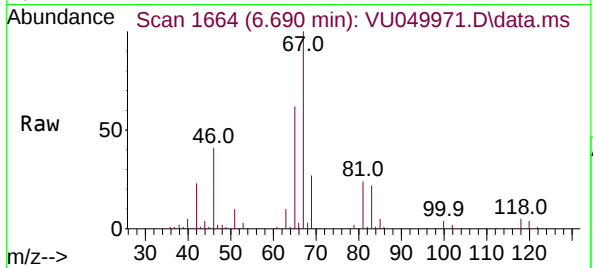




#35
Methylcyclohexane
Concen: 1.232 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.068 min
Lab File: VU049971.D
Acq: 28 Jul 2022 01:32

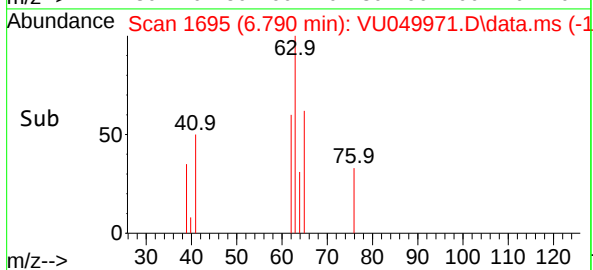
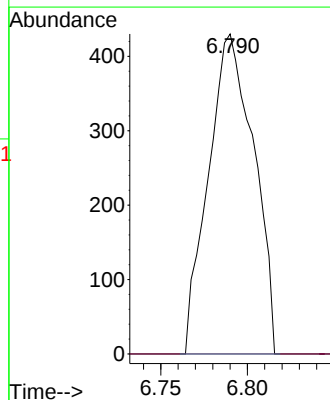
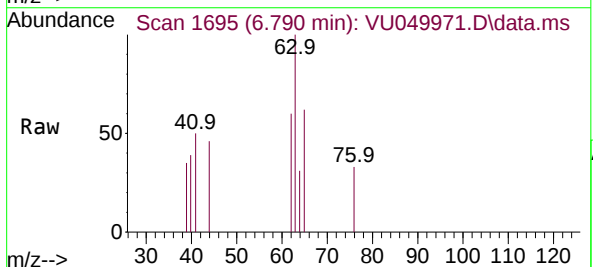
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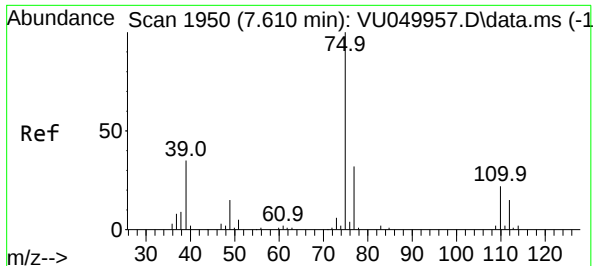
Tgt Ion: 83 Resp: 10314
Ion Ratio Lower Upper
83 100
55 3.9 61.6 92.4#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.109 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.003 min
Lab File: VU049971.D
Acq: 28 Jul 2022 01:32

Tgt Ion: 63 Resp: 783
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.565 min Scan# 19

Delta R.T. -0.045 min

Lab File: VU049971.D

Acq: 28 Jul 2022 01:32

Instrument :

MSVOA_U

ClientSampleId :

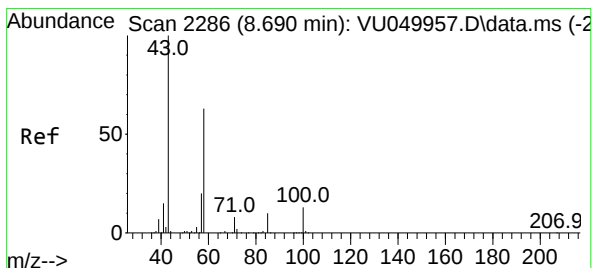
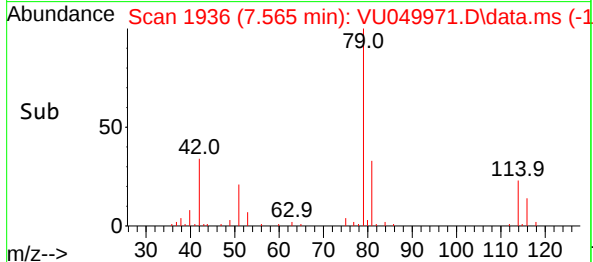
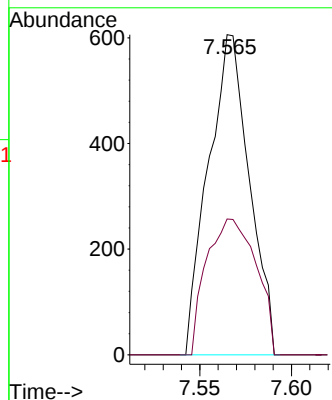
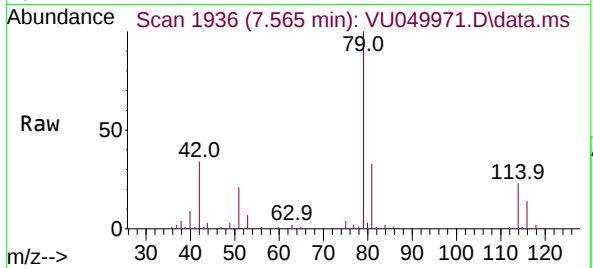
C0C80

Tgt Ion: 75 Resp: 944

Ion Ratio Lower Upper

75 100

77 42.4 22.5 41.9#



#48

2-Hexanone

Concen: 4.908 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.003 min

Lab File: VU049971.D

Acq: 28 Jul 2022 01:32

Tgt Ion: 43 Resp: 15553

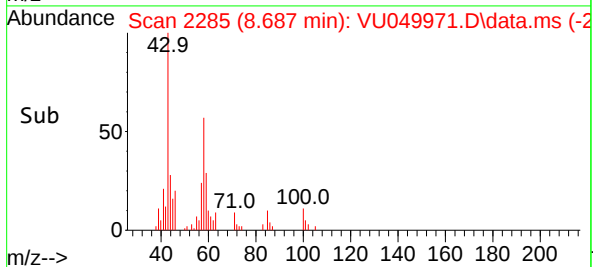
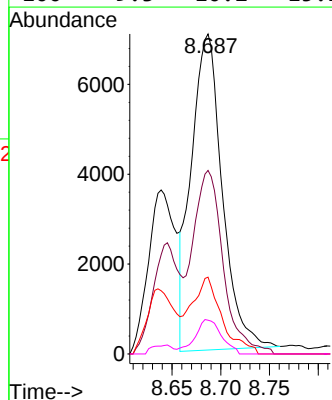
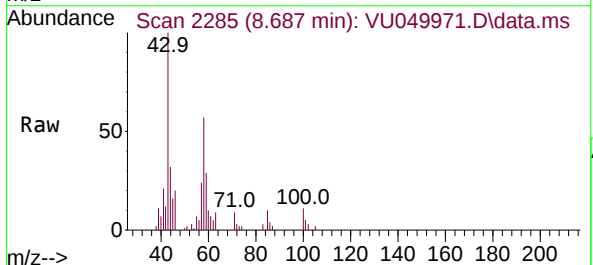
Ion Ratio Lower Upper

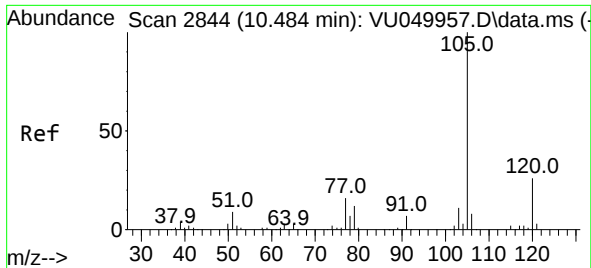
43 100

58 56.7 49.4 74.0

57 24.4 17.0 25.4

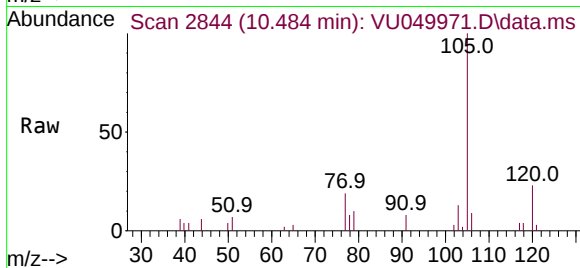
100 9.3 10.2 15.2#



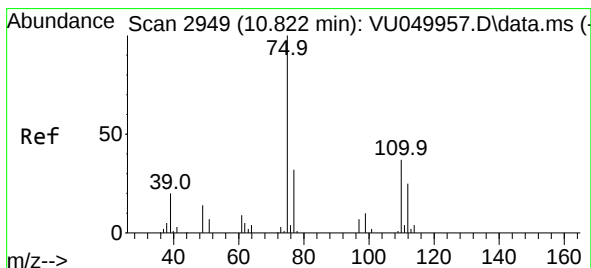
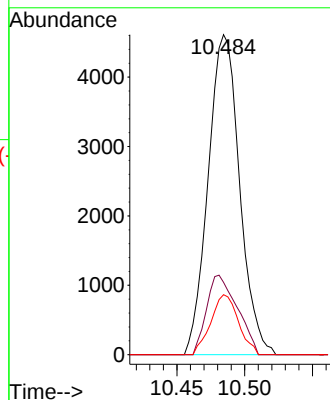
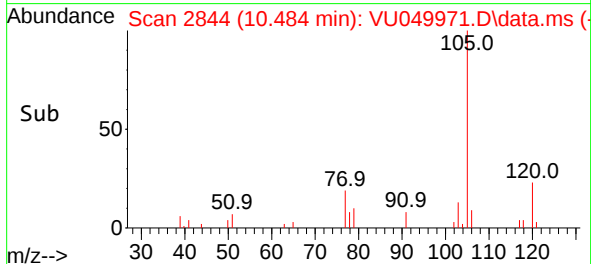


#60
Isopropylbenzene
Concen: 0.339 ug/L
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049971.D
Acq: 28 Jul 2022 01:32

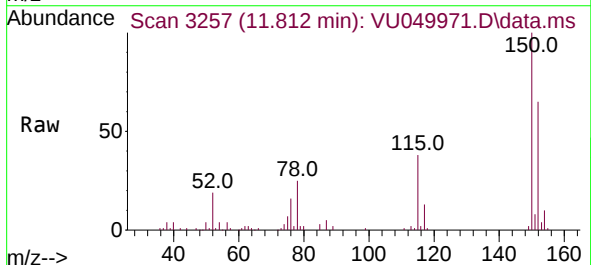
Instrument :
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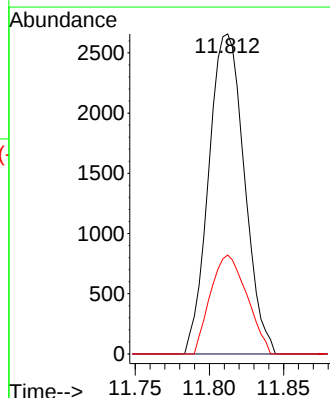
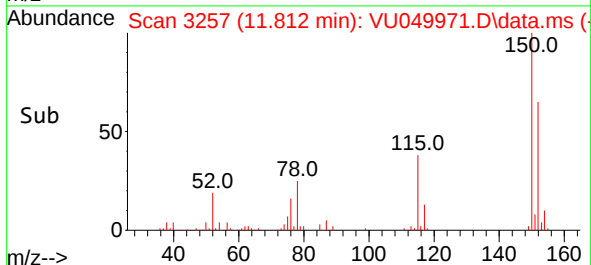
Tgt Ion:105 Resp: 7450
Ion Ratio Lower Upper
105 100
120 24.3 20.5 30.7
77 16.5 12.6 18.8

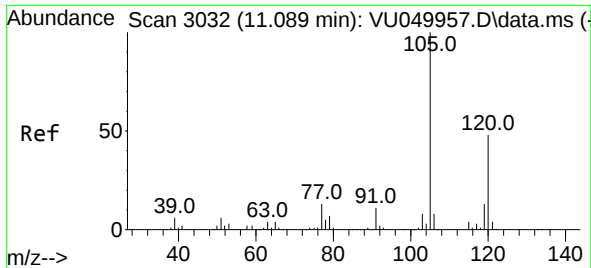


#61
1,2,3-Trichloropropane
Concen: 1.029 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU049971.D
Acq: 28 Jul 2022 01:32



Tgt Ion: 75 Resp: 4439
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 31.5 24.7 37.1





#62
 1,3,5-Trimethylbenzene
 Concen: 0.600 ug/L
 RT: 11.291 min Scan# 30
 Delta R.T. 0.203 min
 Lab File: VU049971.D
 Acq: 28 Jul 2022 01:32

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C80

Tgt Ion:105 Resp: 10704
 Ion Ratio Lower Upper
 105 100
 120 29.8 38.2 57.4#

