

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112321\
 Data File : VU045979.D
 Acq On : 24 Nov 2021 00:58
 Operator : SY/MD
 Sample : M4722-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 24 02:09:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 01:57:54 2021
 Response via : Initial Calibration

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

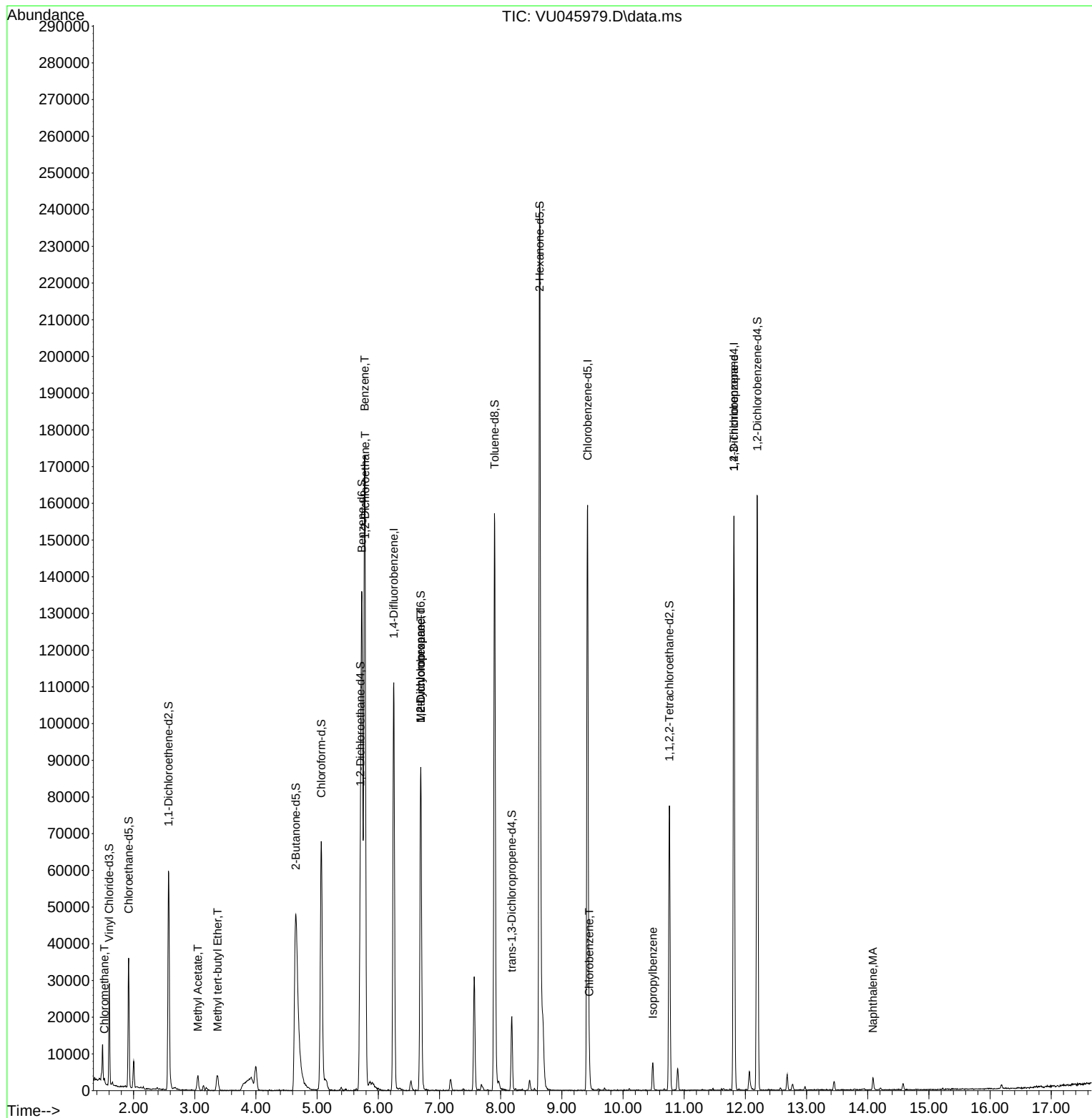
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91623	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91090	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41267	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16379	2.256	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	45.200%	
7) Chloroethane-d5	1.919	69	25442	4.815	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.572	65	11316	3.717	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	4.652	46	127155	65.363	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	130.720%#	
24) Chloroform-d	5.070	84	63377	5.240	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.800%	
26) 1,2-Dichloroethane-d4	5.706	65	37487	5.283	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.600%	
32) Benzene-d6	5.732	84	129921	5.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
36) 1,2-Dichloropropane-d6	6.694	67	43017	5.441	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.800%	
41) Toluene-d8	7.899	98	108999	4.803	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
43) trans-1,3-Dichloroprop...	8.182	79	11930	3.717	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.636	63	90466	62.627	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	125.260%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37949	5.682	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	42653	6.020	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	120.400%#	
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1002	0.127	ug/L	97
15) Methyl Acetate	3.051	43	2608	0.928	ug/L #	51
17) Methyl tert-butyl Ether	3.372	73	4468	0.303	ug/L #	82
27) 1,2-Dichloroethane	5.787	62	2543	0.323	ug/L #	73
33) Benzene	5.777	78	165691	6.518	ug/L	100
35) Methylcyclohexane	6.694	83	10032	0.997	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4260	0.637	ug/L #	88
51) Chlorobenzene	9.449	112	3330	0.202	ug/L	93
60) Isopropylbenzene	10.488	105	5481	0.226	ug/L	99
61) 1,2,3-Trichloropropane	11.812	75	5529	1.291	ug/L #	66
71) Naphthalene	14.086	128	3443	0.234	ug/L	95

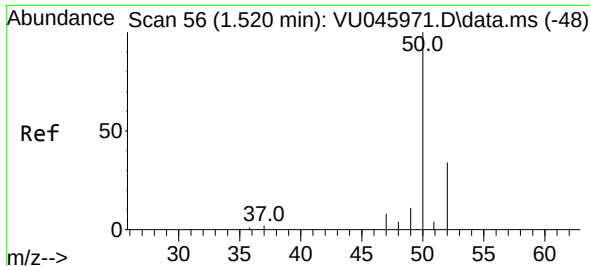
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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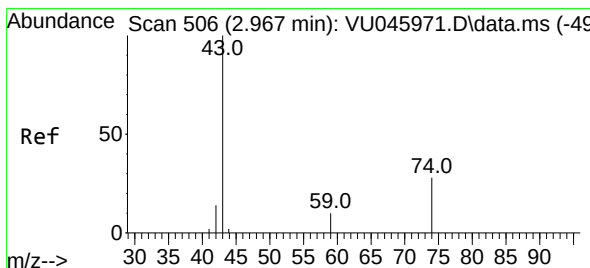
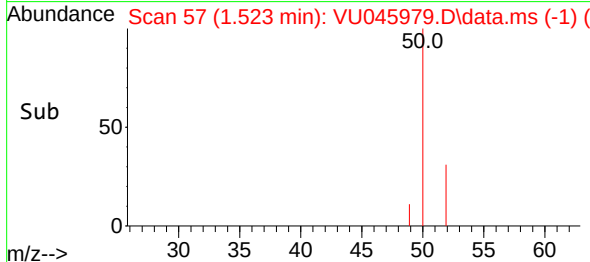
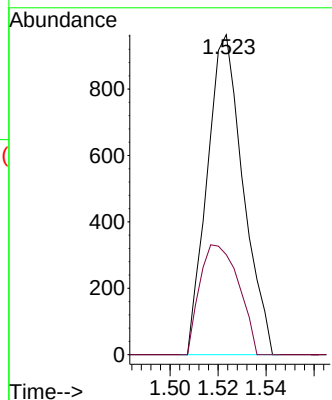
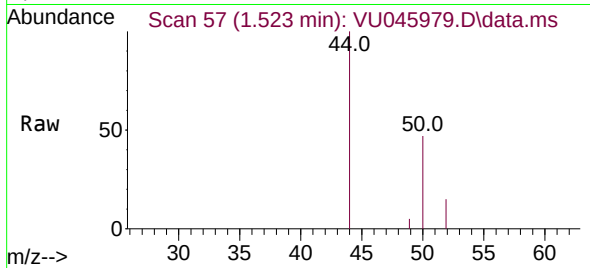




#3
Chloromethane
Concen: 0.127 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045979.D
Acq: 24 Nov 2021 00:58

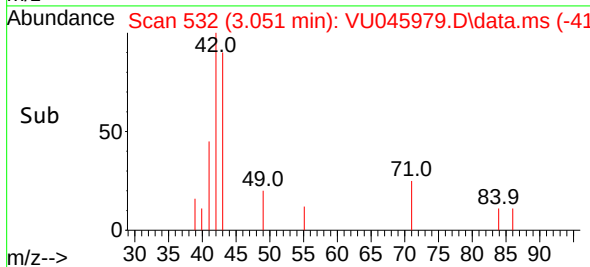
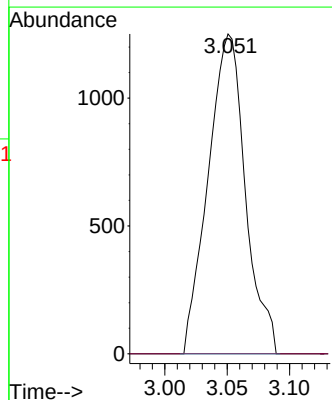
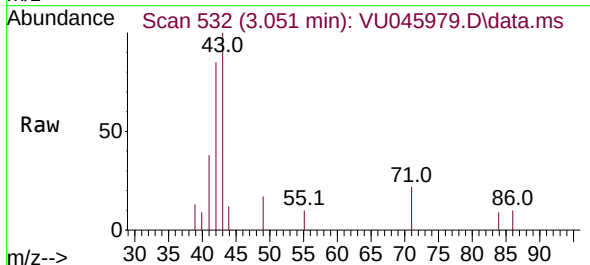
Instrument :
MSVOA_U
ClientSampleId :

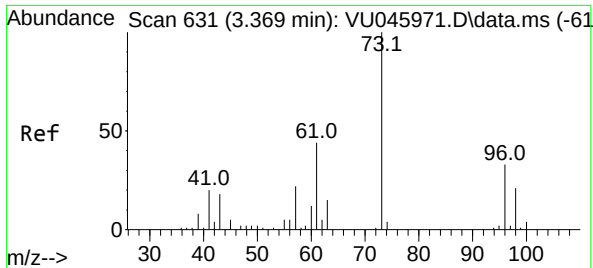
Tgt Ion: 50 Resp: 1002
Ion Ratio Lower Upper
50 100
52 31.2 23.0 42.8



#15
Methyl Acetate
Concen: 0.928 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.084 min
Lab File: VU045979.D
Acq: 24 Nov 2021 00:58

Tgt Ion: 43 Resp: 2608
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#





#17

Methyl tert-butyl Ether

Concen: 0.303 ug/L

RT: 3.372 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU045979.D

Acq: 24 Nov 2021 00:58

Instrument :

MSVOA_U

ClientSampleId :

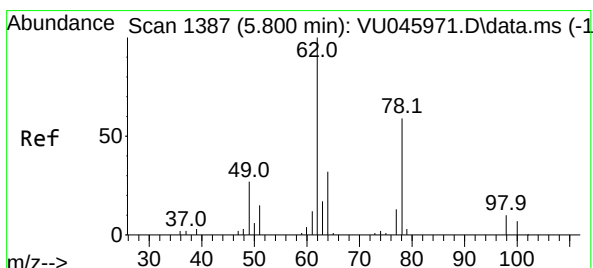
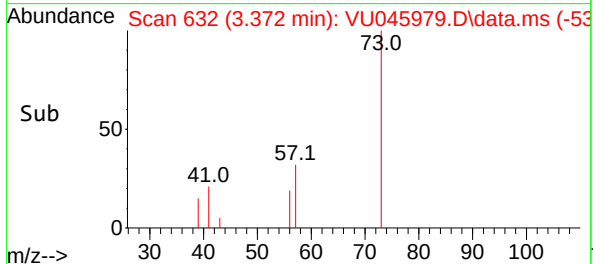
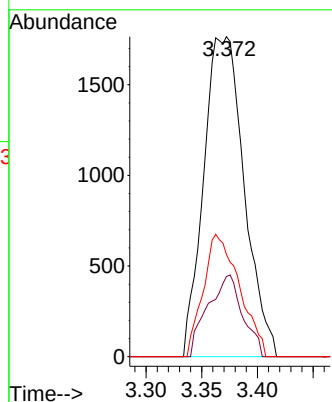
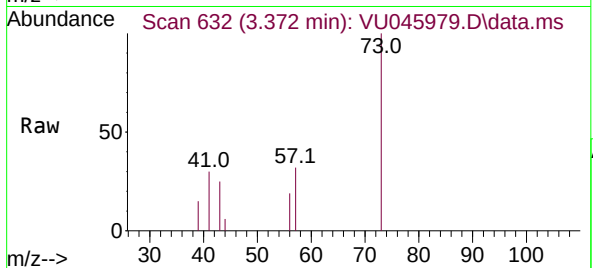
Tgt Ion: 73 Resp: 4468

Ion Ratio Lower Upper

73 100

43 21.9 14.8 22.2

57 34.2 17.4 26.0#



#27

1,2-Dichloroethane

Concen: 0.323 ug/L

RT: 5.787 min Scan# 1383

Delta R.T. -0.013 min

Lab File: VU045979.D

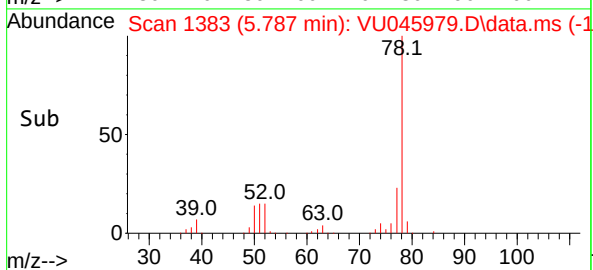
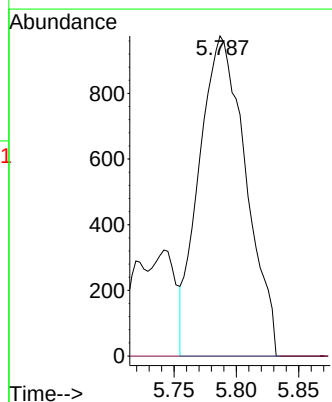
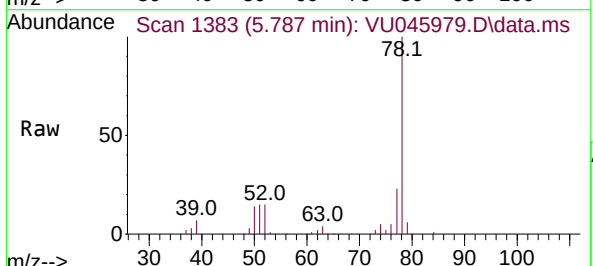
Acq: 24 Nov 2021 00:58

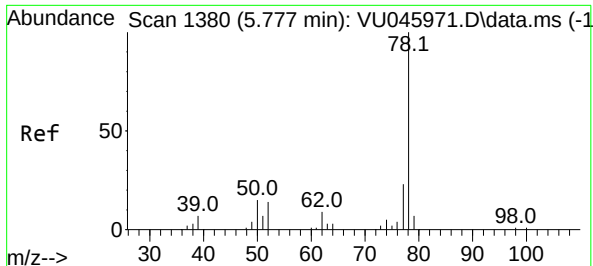
Tgt Ion: 62 Resp: 2543

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#

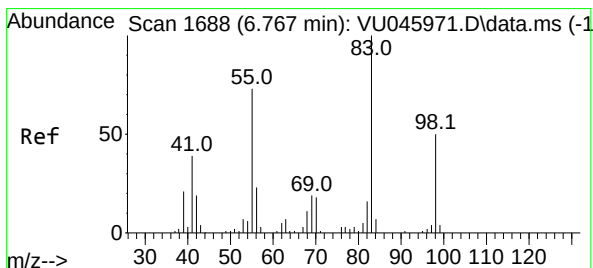
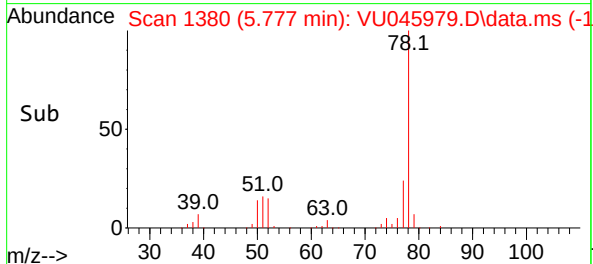
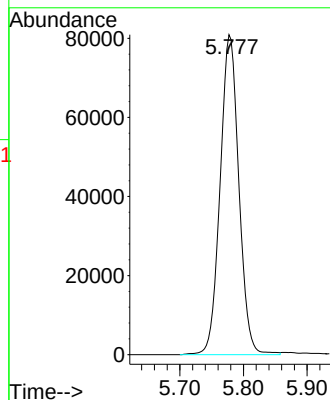
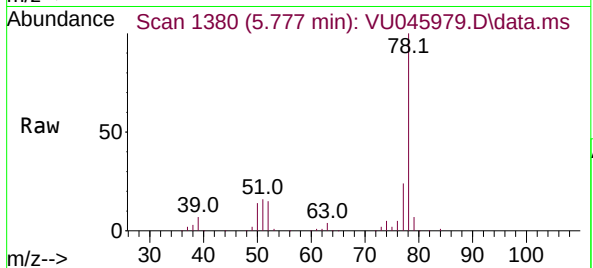




#33
Benzene
Concen: 6.518 ug/L
RT: 5.777 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045979.D
Acq: 24 Nov 2021 00:58

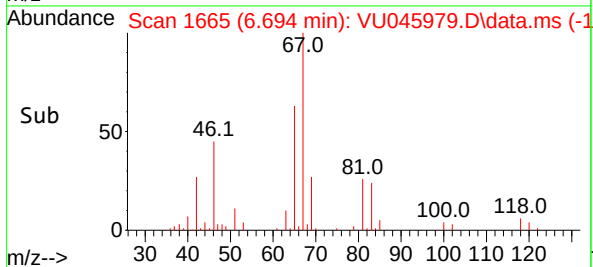
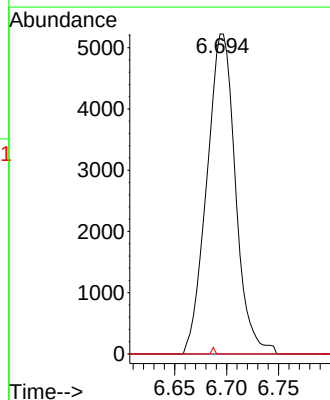
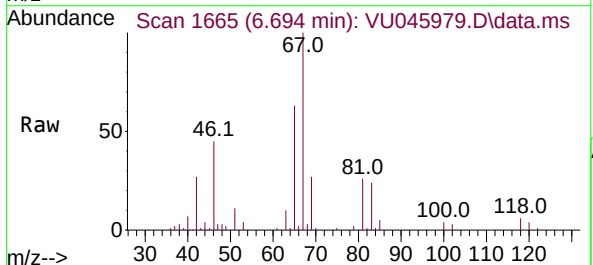
Instrument :
MSVOA_U
ClientSampleId :

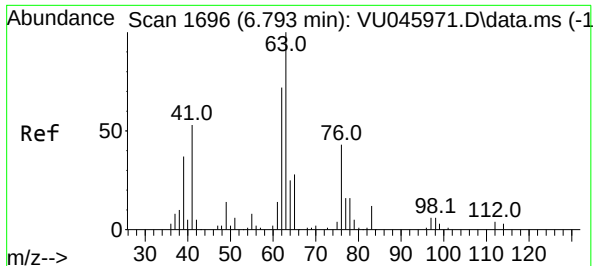
Tgt Ion: 78 Resp: 165691



#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045979.D
Acq: 24 Nov 2021 00:58

Tgt Ion: 83 Resp: 10032
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.2 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045979.D

Acq: 24 Nov 2021 00:58

Instrument :

MSVOA_U

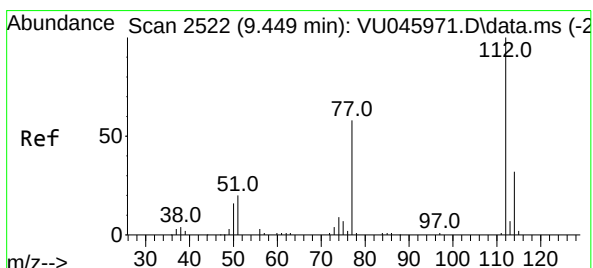
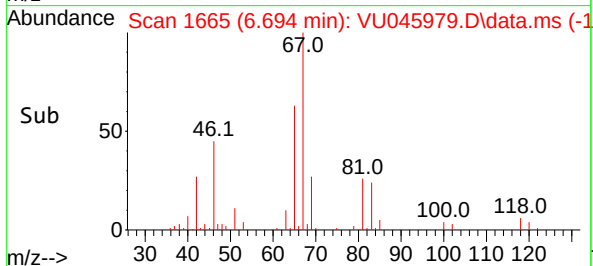
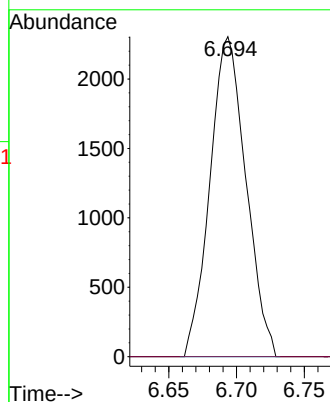
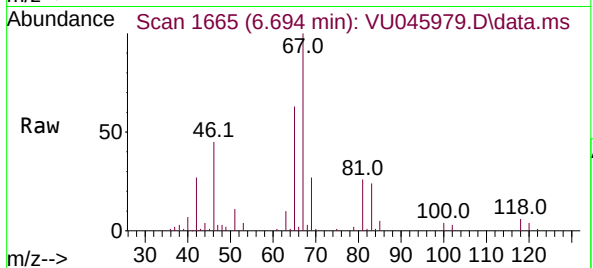
ClientSampleId :

Tgt Ion: 63 Resp: 4260

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#51

Chlorobenzene

Concen: 0.202 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045979.D

Acq: 24 Nov 2021 00:58

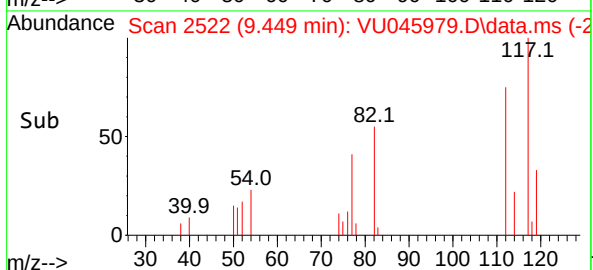
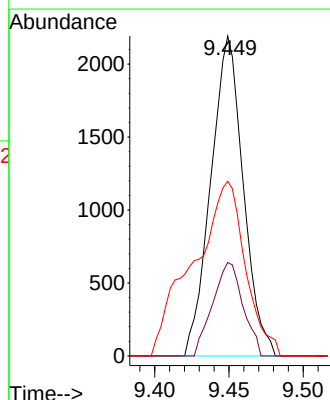
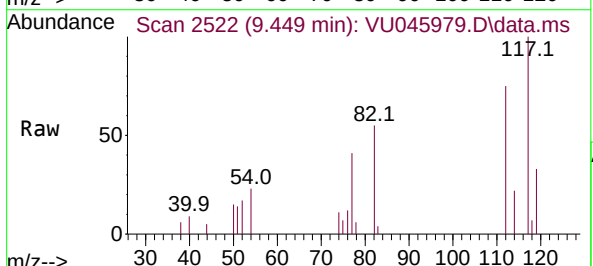
Tgt Ion: 112 Resp: 3330

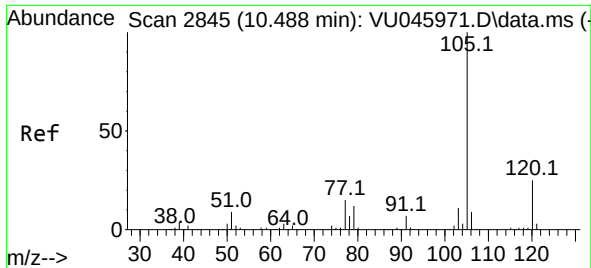
Ion Ratio Lower Upper

112 100

114 29.2 22.1 41.1

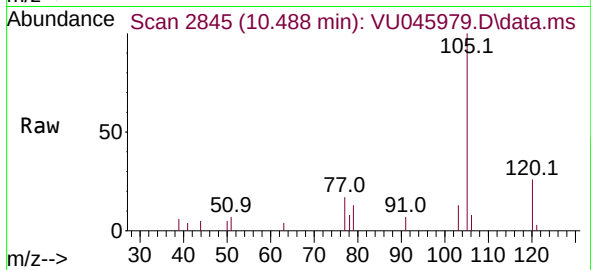
77 54.6 48.3 72.5



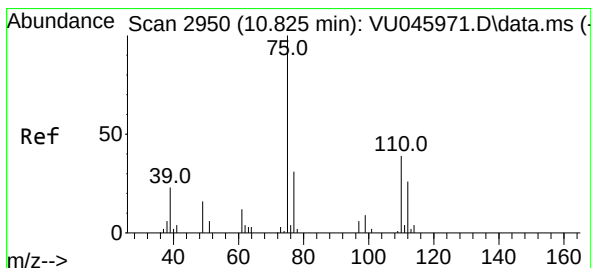
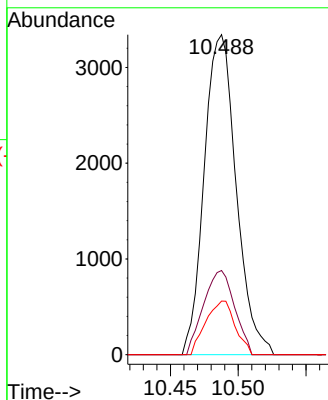
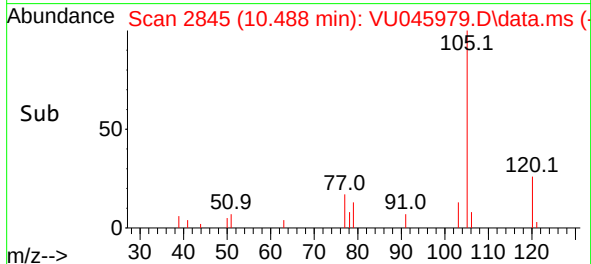


#60
Isopropylbenzene
Concen: 0.226 ug/L
RT: 10.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045979.D
Acq: 24 Nov 2021 00:58

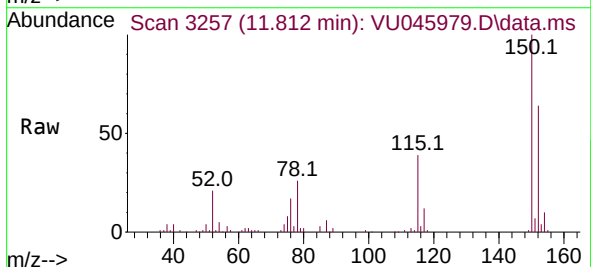
Instrument :
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ClientSampleId :



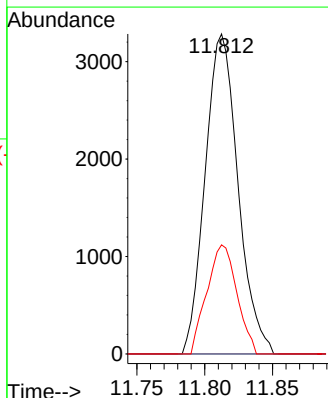
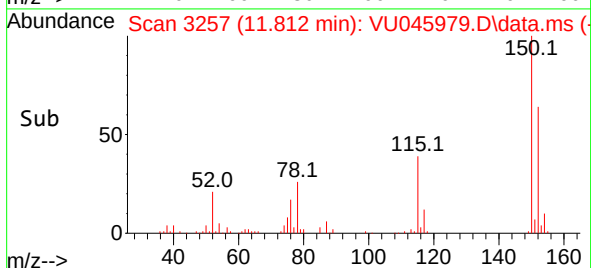
Tgt Ion:105 Resp: 5481
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.4 12.6 19.0

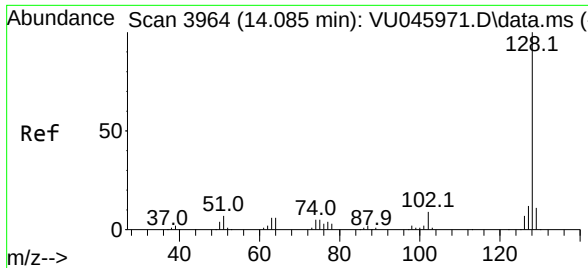


#61
1,2,3-Trichloropropane
Concen: 1.291 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045979.D
Acq: 24 Nov 2021 00:58



Tgt Ion: 75 Resp: 5529
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 31.1 25.5 38.3





#71

Naphthalene

Concen: 0.234 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

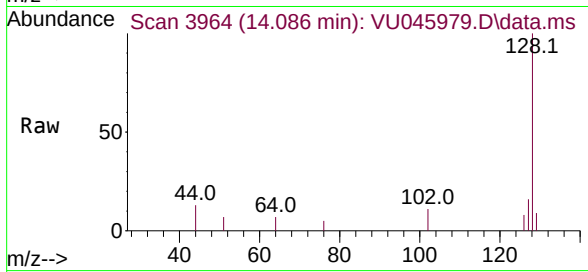
Lab File: VU045979.D

Acq: 24 Nov 2021 00:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:128 Resp: 3443

Ion Ratio Lower Upper

128 100

129 8.8 8.4 12.6

127 10.9 10.2 15.2

