

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050003.D
 Acq On : 28 Jul 2022 22:56
 Operator : SY/MD
 Sample : N3922-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 29 06:39:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 05:04:48 2022
 Response via : Initial Calibration

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

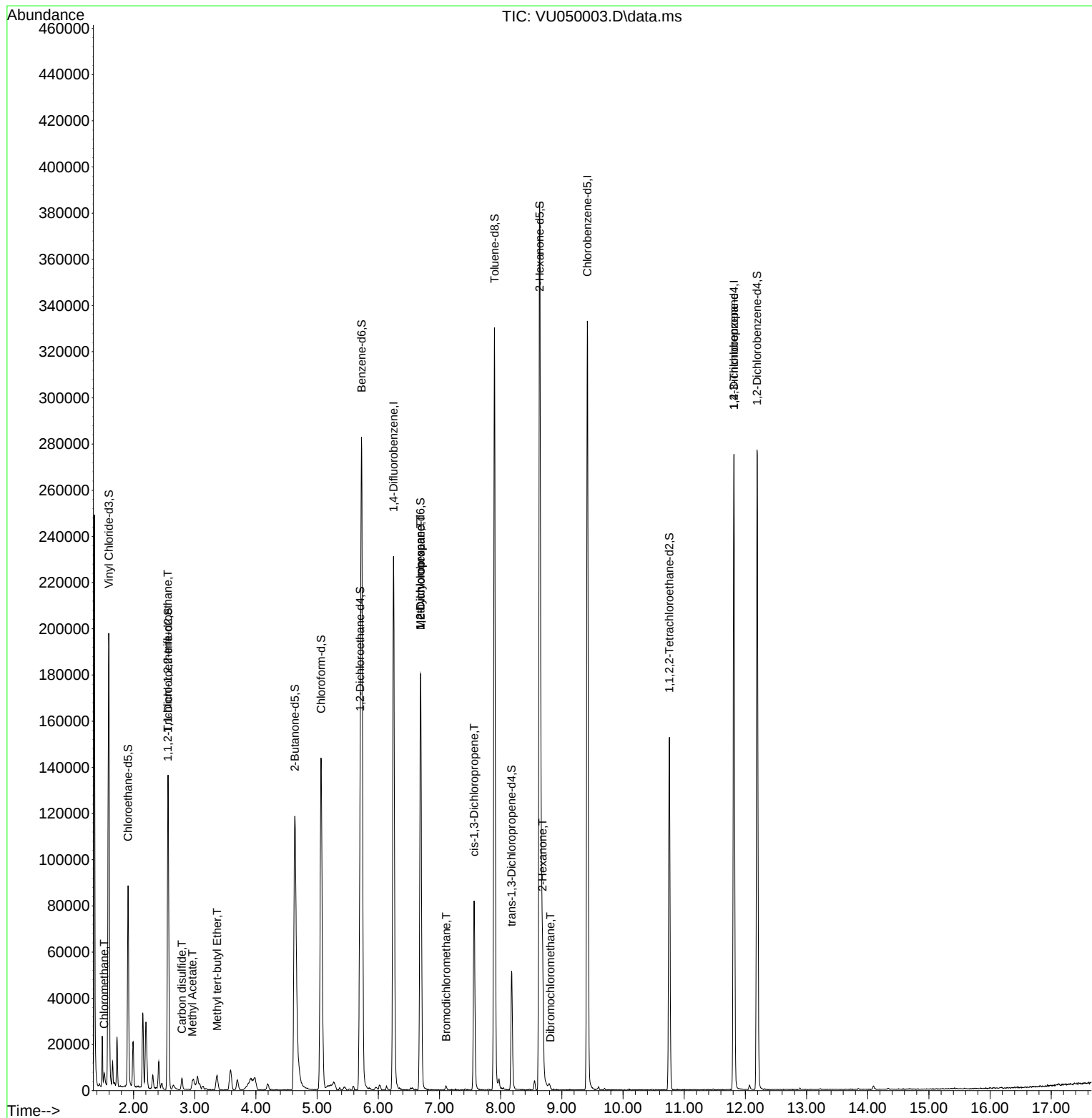
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	193400	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	190940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75294	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	71097	4.282	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.909	69	59001	4.947	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.562	65	25676	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.636	46	207799	56.216	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.440%
24) Chloroform-d	5.063	84	135174	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.703	65	70858	5.118	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.726	84	271433	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.690	67	92833	5.022	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	225742	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.179	79	30656	4.732	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.636	63	127128	52.421	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.840%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	79560	5.123	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	75798	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	5643	0.319	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	681	0.059	ug/L #	21
14) Carbon disulfide	2.790	76	6963	0.215	ug/L	99
15) Methyl Acetate	2.961	43	1293	0.240	ug/L #	48
17) Methyl tert-butyl Ether	3.366	73	3705	0.124	ug/L #	23
35) Methylcyclohexane	6.690	83	20900	1.170	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	8944	0.582	ug/L #	88
38) Bromodichloromethane	7.108	83	1554	0.084	ug/L #	97
39) cis-1,3-Dichloropropene	7.565	75	1954	0.098	ug/L #	74
48) 2-Hexanone	8.684	43	29522	4.364	ug/L #	93
49) Dibromochloromethane	8.813	129	753	0.060	ug/L #	72
61) 1,2,3-Trichloropropane	11.812	75	9252	1.058	ug/L #	69

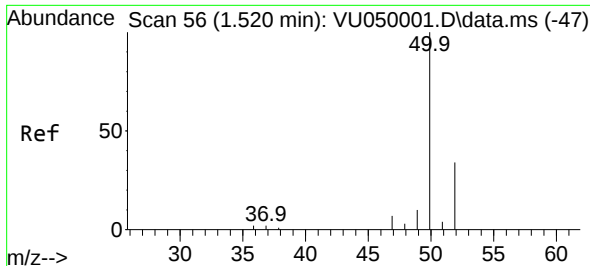
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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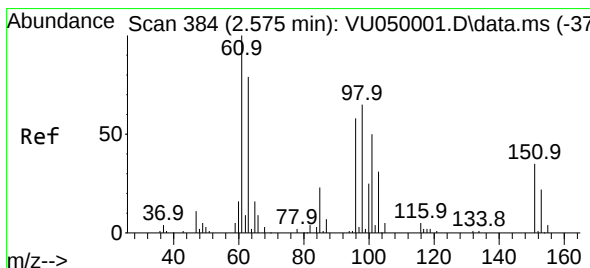
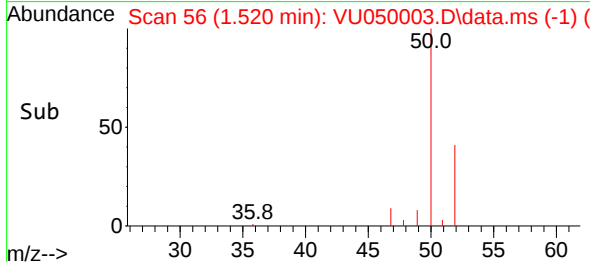
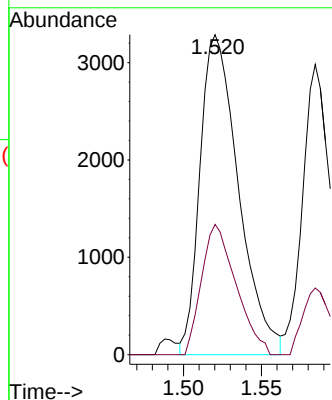
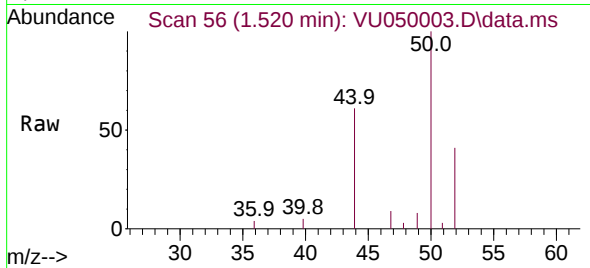




#3
Chloromethane
Concen: 0.319 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU050003.D
Acq: 28 Jul 2022 22:56

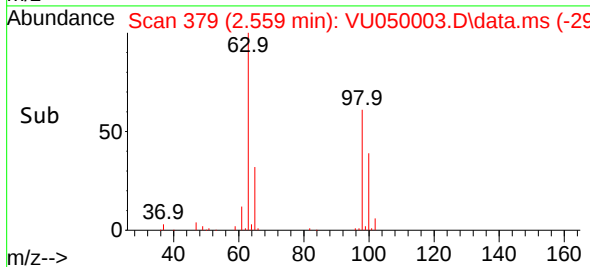
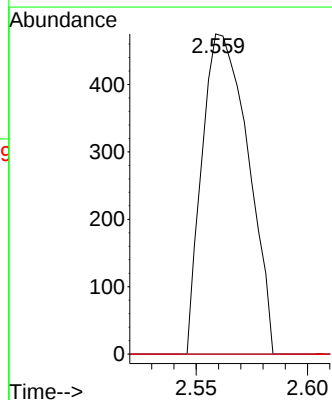
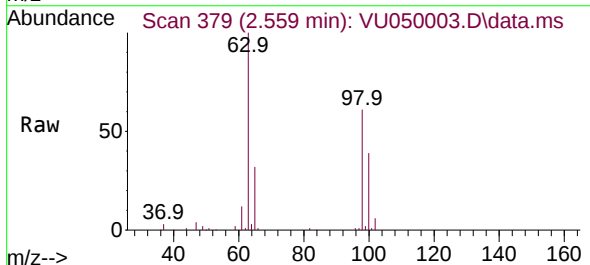
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

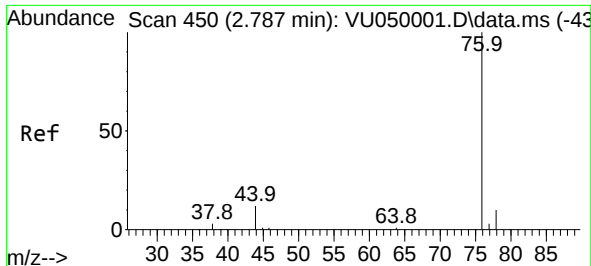
Tgt Ion: 50 Resp: 5643
Ion Ratio Lower Upper
50 100
52 40.7 22.4 41.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.059 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU050003.D
Acq: 28 Jul 2022 22:56

Tgt Ion: 101 Resp: 681
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#

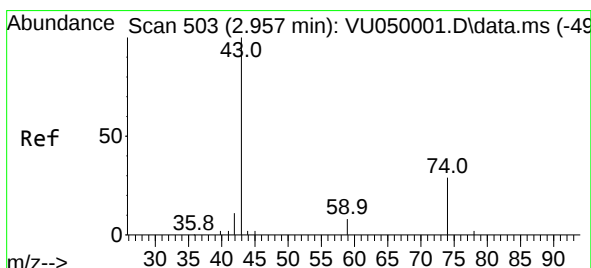
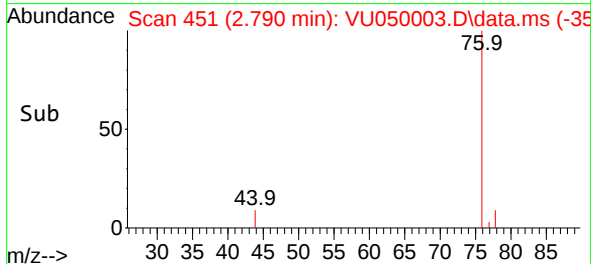
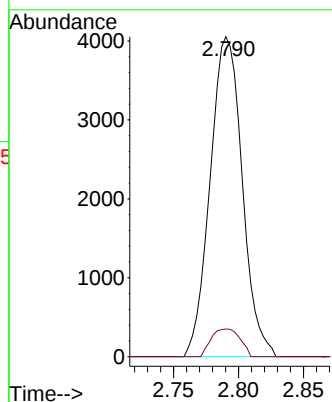
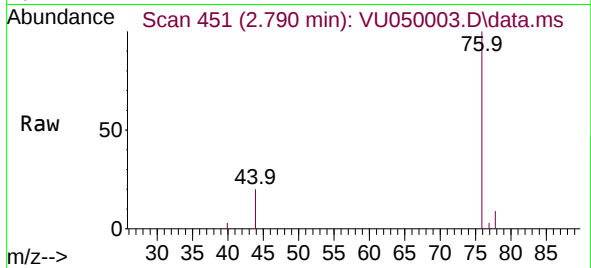




#14
Carbon disulfide
Concen: 0.215 ug/L
RT: 2.790 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU050003.D
Acq: 28 Jul 2022 22:56

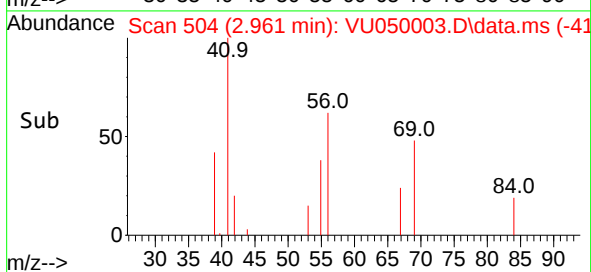
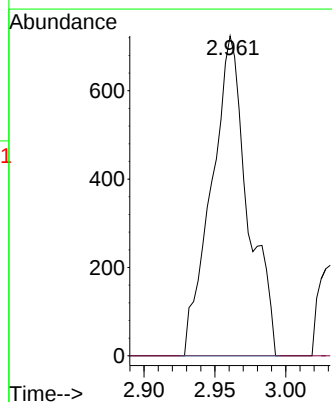
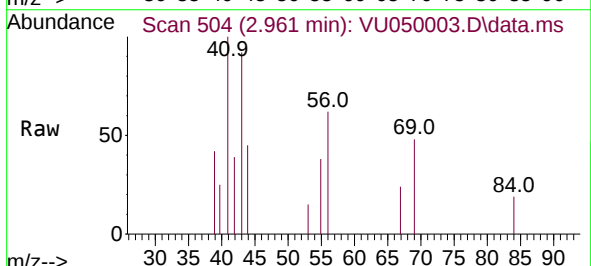
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

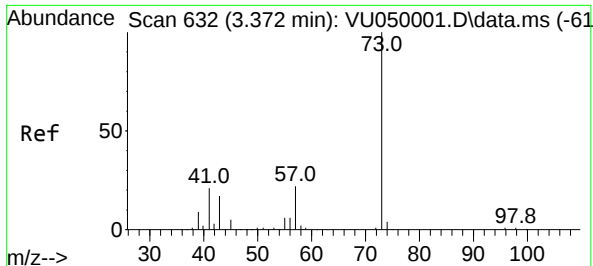
Tgt Ion: 76 Resp: 6963
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#15
Methyl Acetate
Concen: 0.240 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU050003.D
Acq: 28 Jul 2022 22:56

Tgt Ion: 43 Resp: 1293
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#





#17

Methyl tert-butyl Ether

Concen: 0.124 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.006 min

Lab File: VU050003.D

Acq: 28 Jul 2022 22:56

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

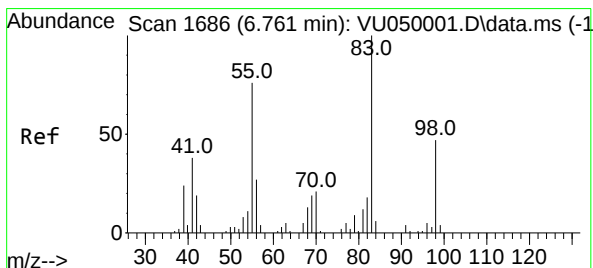
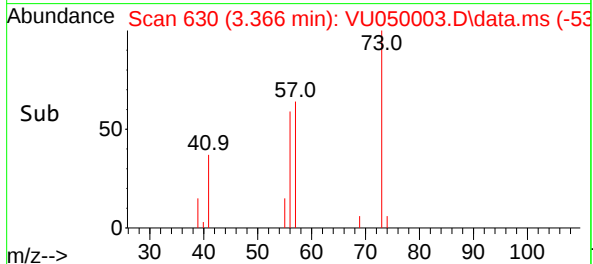
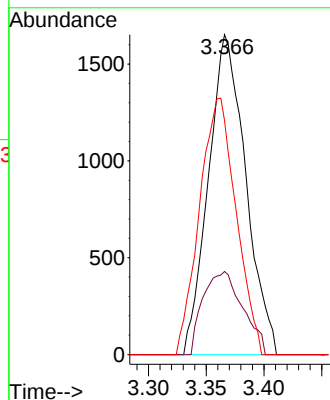
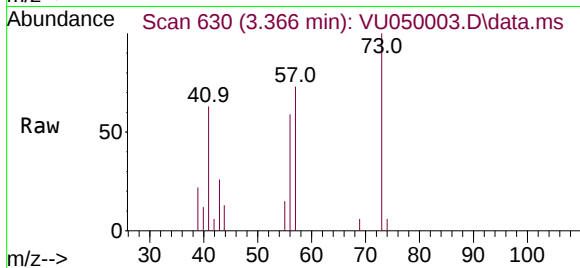
Tgt Ion: 73 Resp: 3705

Ion Ratio Lower Upper

73 100

43 27.7 13.8 20.6#

57 78.7 17.9 26.9#



#35

Methylcyclohexane

Concen: 1.170 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU050003.D

Acq: 28 Jul 2022 22:56

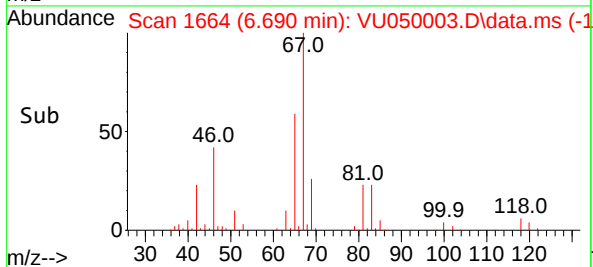
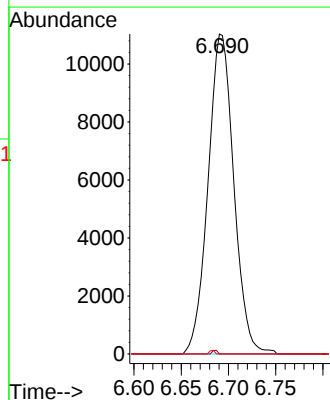
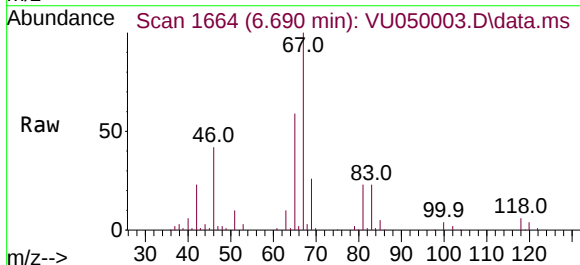
Tgt Ion: 83 Resp: 20900

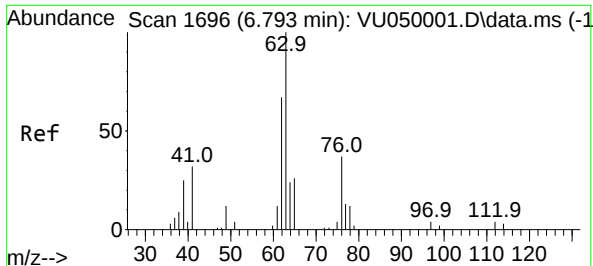
Ion Ratio Lower Upper

83 100

55 0.2 61.6 92.4#

98 0.2 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.582 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050003.D

Acq: 28 Jul 2022 22:56

Instrument :

MSVOA_U

ClientSampleId :

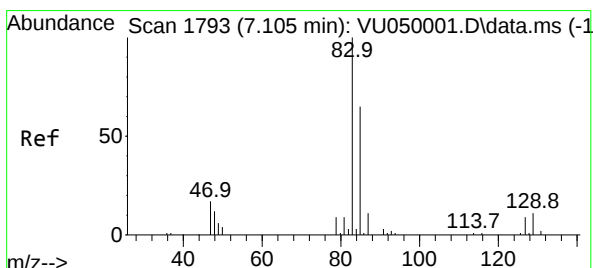
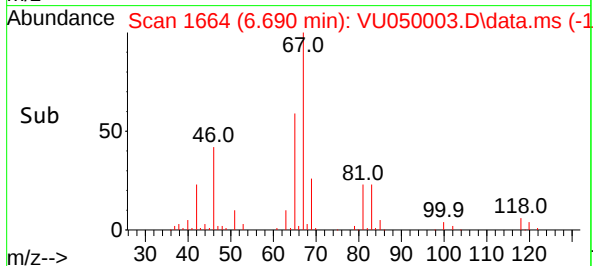
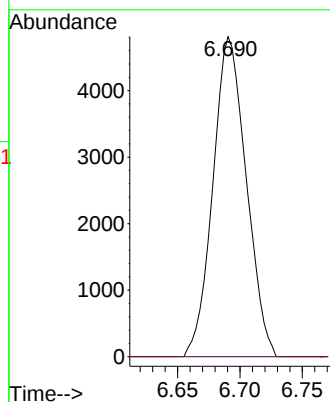
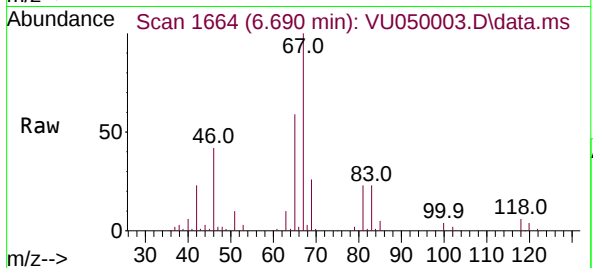
VHBLK001

Tgt Ion: 63 Resp: 8944

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.084 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU050003.D

Acq: 28 Jul 2022 22:56

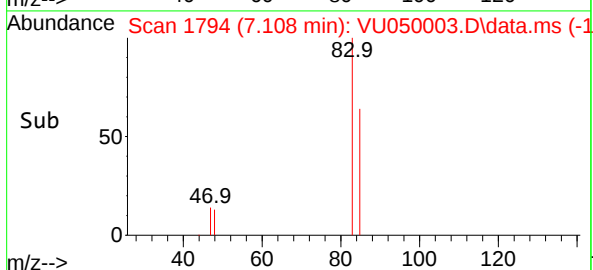
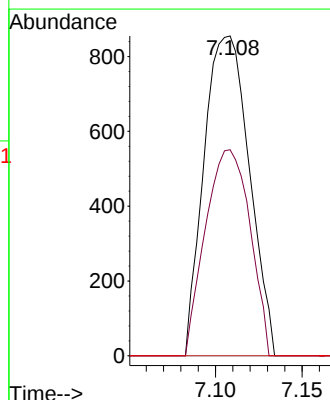
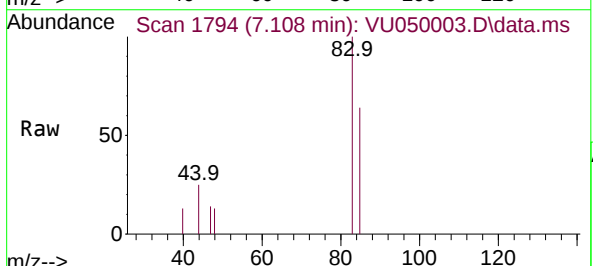
Tgt Ion: 83 Resp: 1554

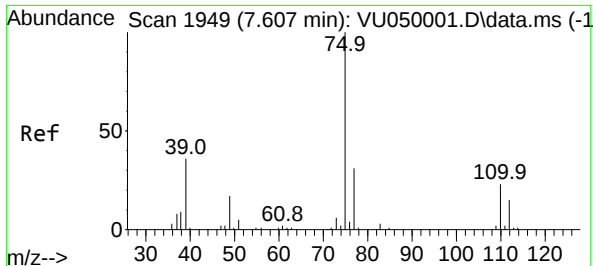
Ion Ratio Lower Upper

83 100

85 64.4 44.9 83.5

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU050003.D

Acq: 28 Jul 2022 22:56

Instrument :

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ClientSampleId :

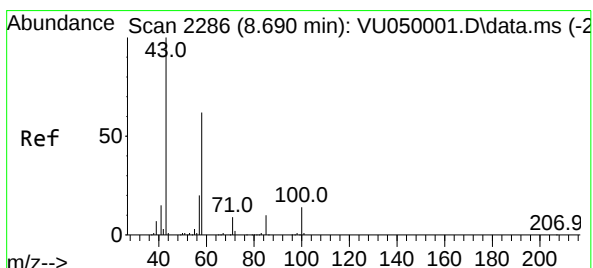
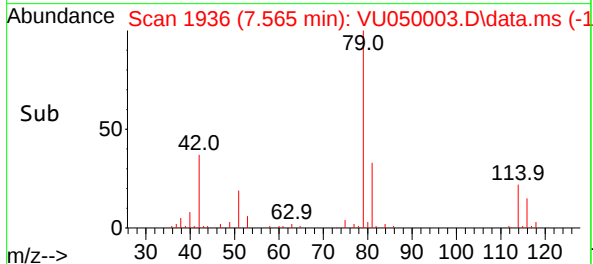
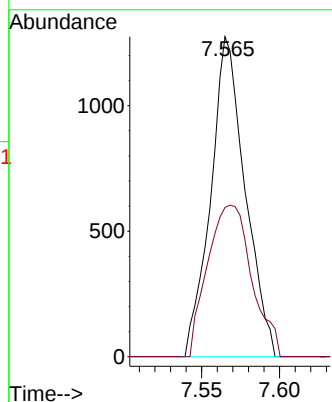
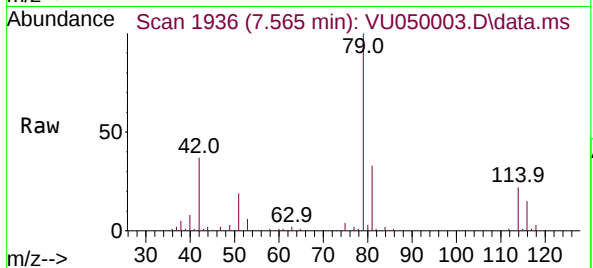
VHBLK001

Tgt Ion: 75 Resp: 1954

Ion Ratio Lower Upper

75 100

77 46.7 22.5 41.9#



#48

2-Hexanone

Concen: 4.364 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.006 min

Lab File: VU050003.D

Acq: 28 Jul 2022 22:56

Tgt Ion: 43 Resp: 29522

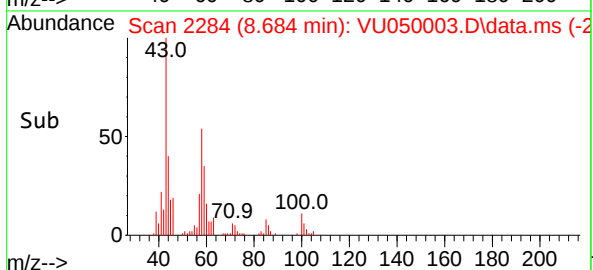
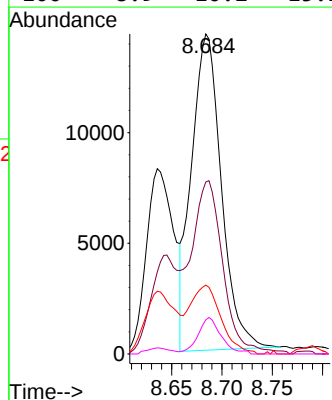
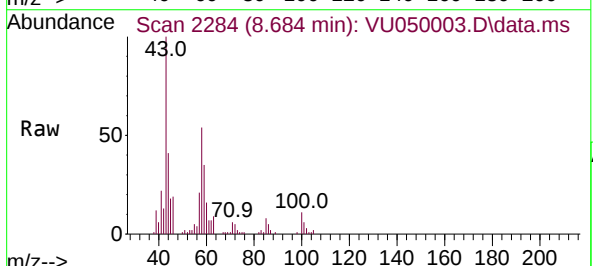
Ion Ratio Lower Upper

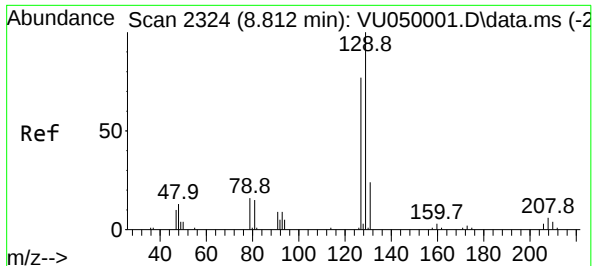
43 100

58 55.8 49.4 74.0

57 22.2 17.0 25.4

100 8.9 10.2 15.2#

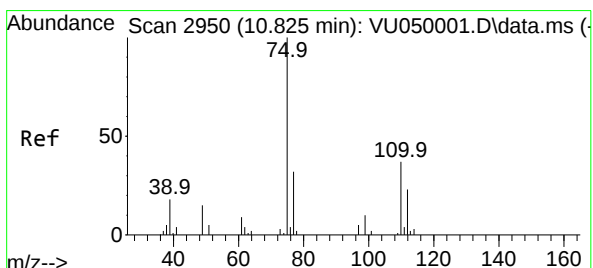
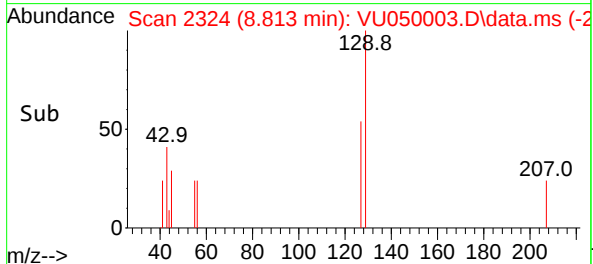
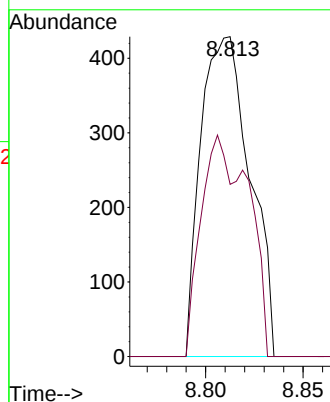
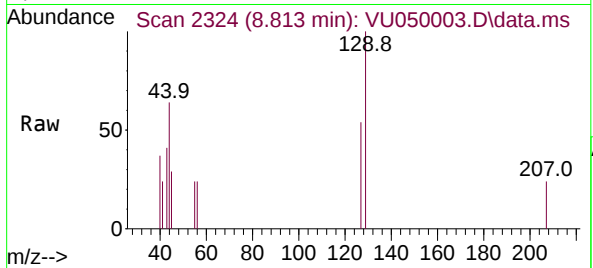




#49
Dibromochloromethane
Concen: 0.060 ug/L
RT: 8.813 min Scan# 21
Delta R.T. 0.000 min
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Acq: 28 Jul 2022 22:56

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VHBLK001

Tgt Ion:129 Resp: 753
Ion Ratio Lower Upper
129 100
127 53.8 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.058 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050003.D
Acq: 28 Jul 2022 22:56

Tgt Ion: 75 Resp: 9252
Ion Ratio Lower Upper
75 100
110 1.8 28.1 42.1#
77 30.0 24.7 37.1

