

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049991.D
 Acq On : 28 Jul 2022 17:36
 Operator : SY/MD
 Sample : N3850-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 29 02:38:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

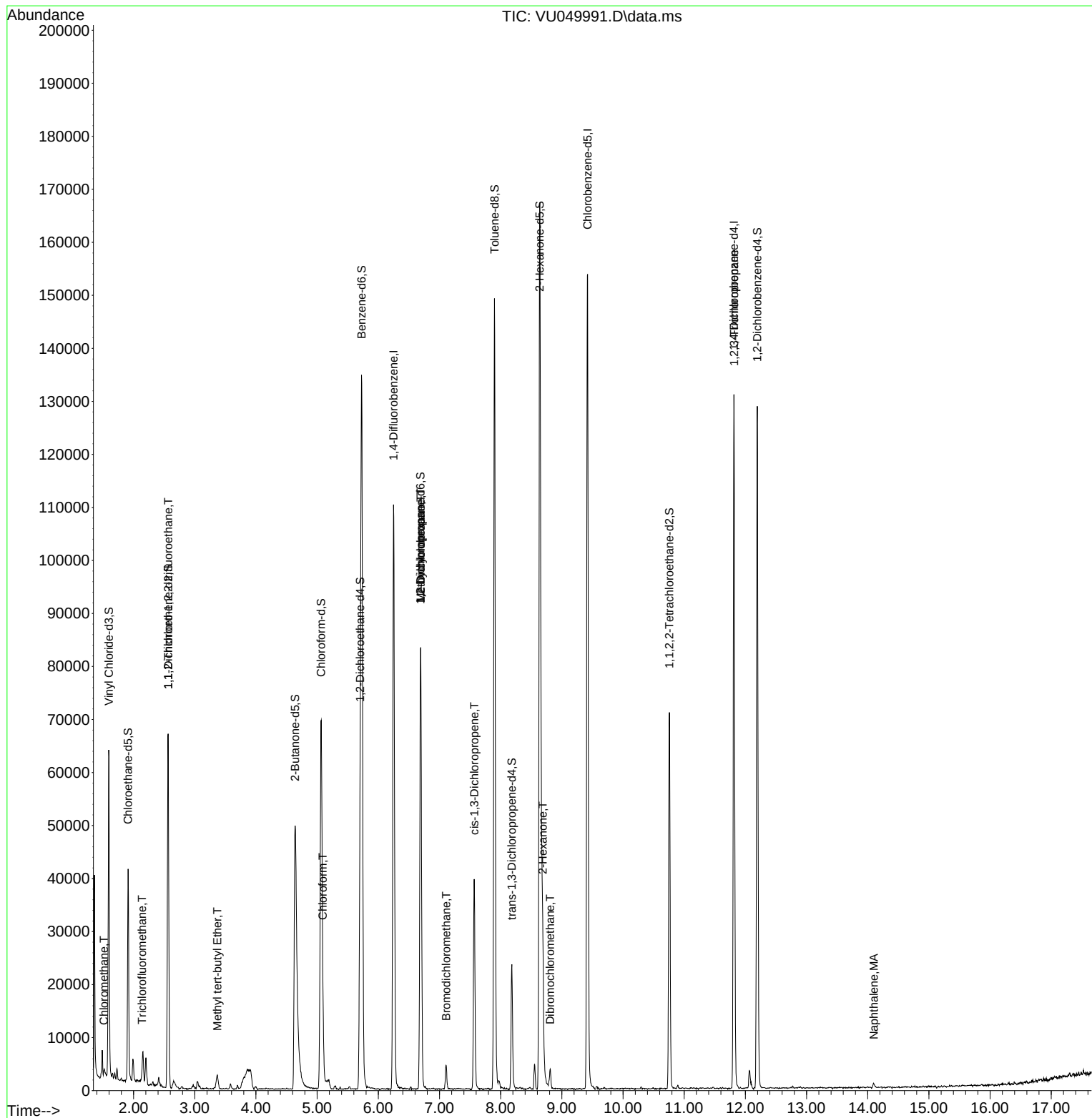
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	92304	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	91603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	34851	4.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.909	69	28554	5.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.400%
11) 1,1-Dichloroethene-d2	2.565	65	12694	4.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.639	46	97703	55.381	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.760%
24) Chloroform-d	5.064	84	64798	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.703	65	33972	5.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.729	84	129176	4.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.690	67	43029	4.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.899	98	103172	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.182	79	14858	4.781	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.639	63	54860	47.153	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37624	5.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	35129	5.077	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
3) Chloromethane	1.517	50	1923	0.228	ug/L	89
9) Trichlorofluoromethane	2.138	101	666	0.071	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	255	0.046	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	2586	0.182	ug/L #	70
25) Chloroform	5.092	83	9734	0.756	ug/L	90
35) Methylcyclohexane	6.694	83	9907	1.156	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4360	0.592	ug/L #	88
38) Bromodichloromethane	7.108	83	3458	0.388	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	910	0.095	ug/L #	72
48) 2-Hexanone	8.687	43	16270	5.013	ug/L #	87
49) Dibromochloromethane	8.809	129	2069	0.343	ug/L	95
61) 1,2,3-Trichloropropane	11.816	75	4541	1.048	ug/L #	66
71) Naphthalene	14.102	128	1369	0.114	ug/L #	77

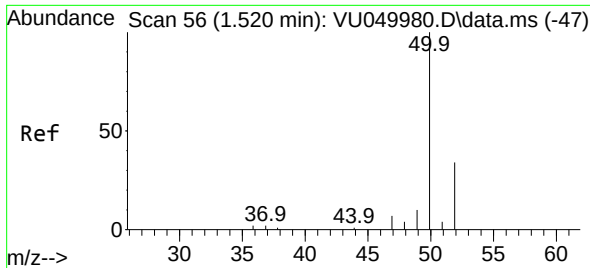
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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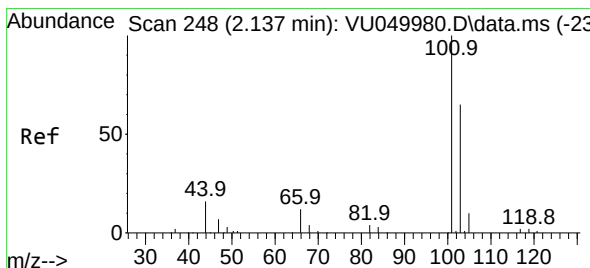
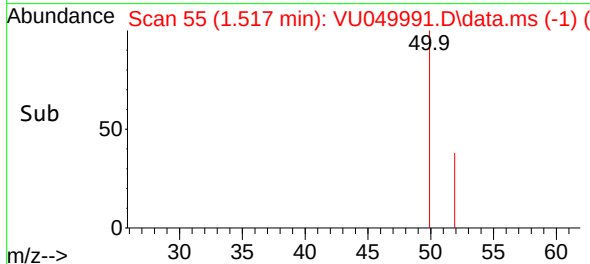
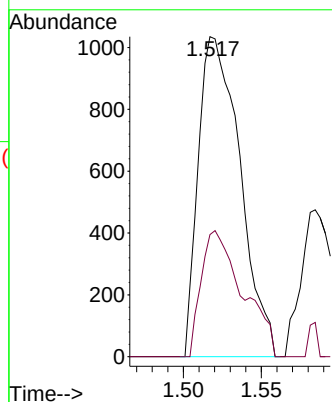
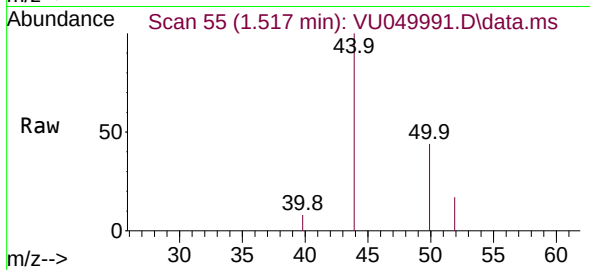




#3
Chloromethane
Concen: 0.228 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU049991.D
Acq: 28 Jul 2022 17:36

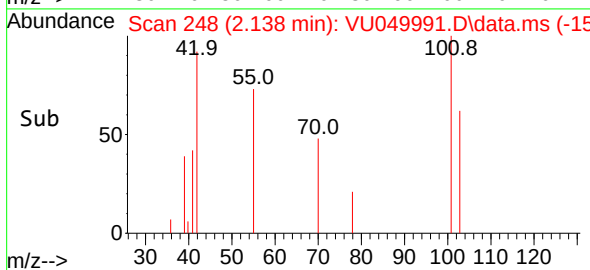
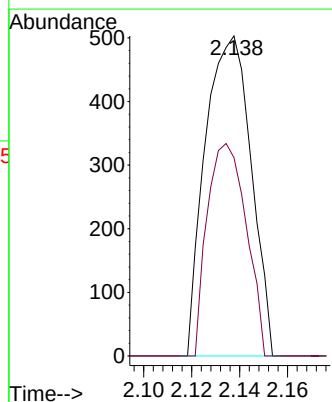
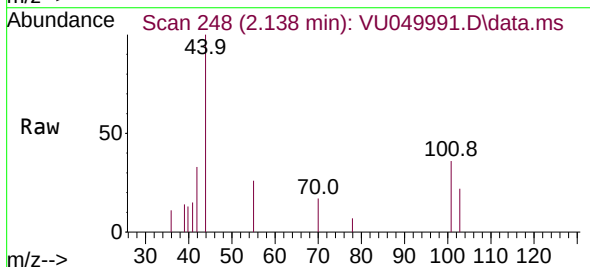
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

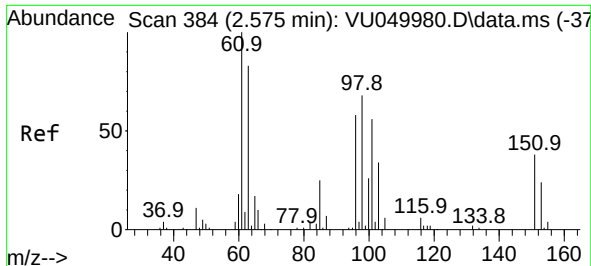
Tgt Ion: 50 Resp: 1923
Ion Ratio Lower Upper
50 100
52 38.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 0.071 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU049991.D
Acq: 28 Jul 2022 17:36

Tgt Ion: 101 Resp: 666
Ion Ratio Lower Upper
101 100
103 56.5 51.0 76.6

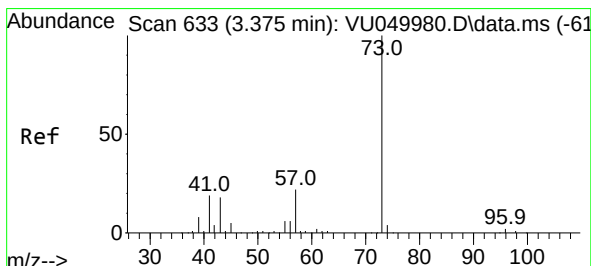
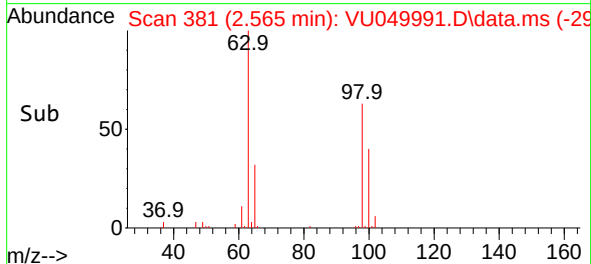
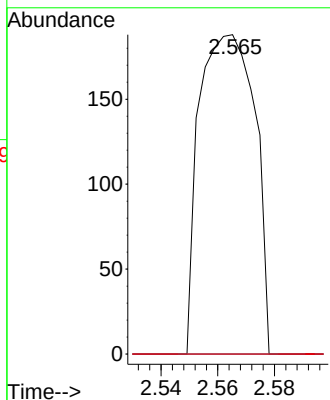
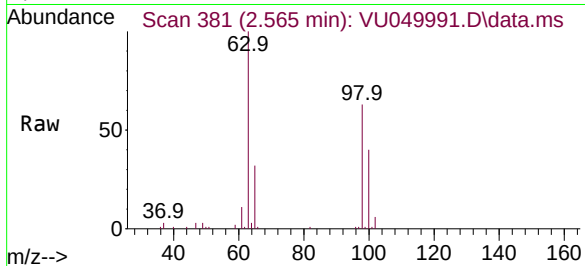




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.565 min Scan# 311
Delta R.T. -0.009 min
Lab File: VU049991.D
Acq: 28 Jul 2022 17:36

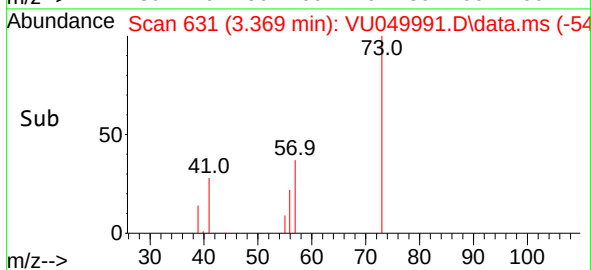
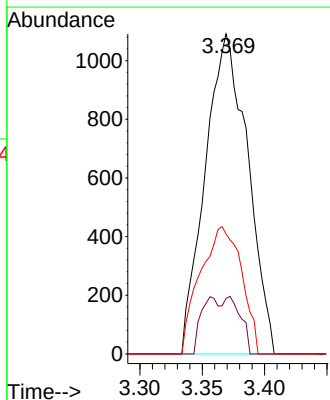
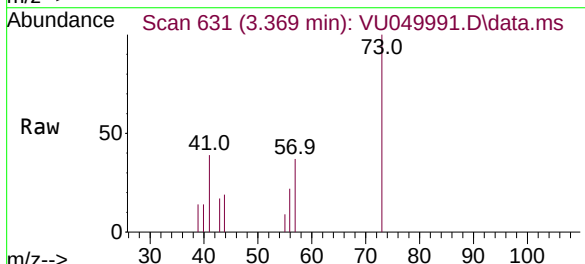
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

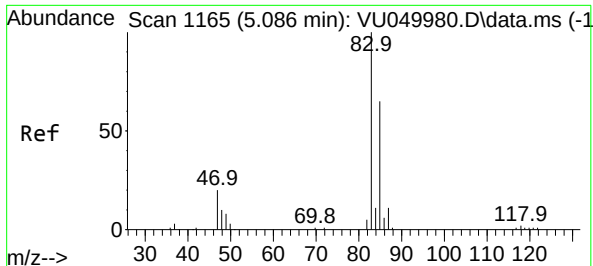
Tgt Ion:101 Resp: 255
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#



#17
Methyl tert-butyl Ether
Concen: 0.182 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.006 min
Lab File: VU049991.D
Acq: 28 Jul 2022 17:36

Tgt Ion: 73 Resp: 2586
Ion Ratio Lower Upper
73 100
43 6.9 13.8 20.6#
57 38.7 17.9 26.9#

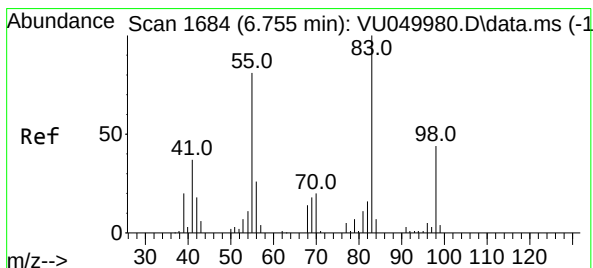
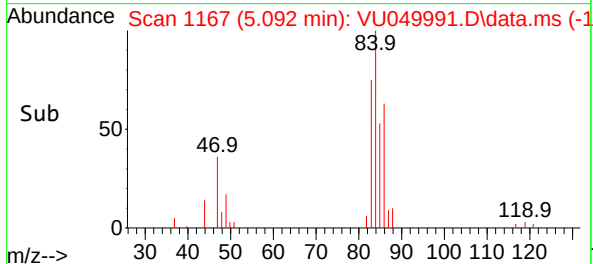
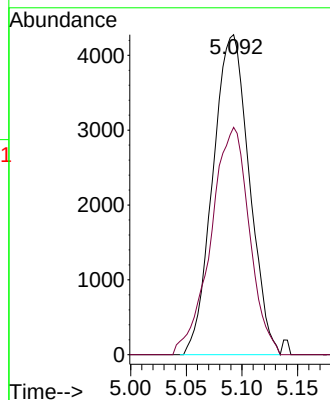
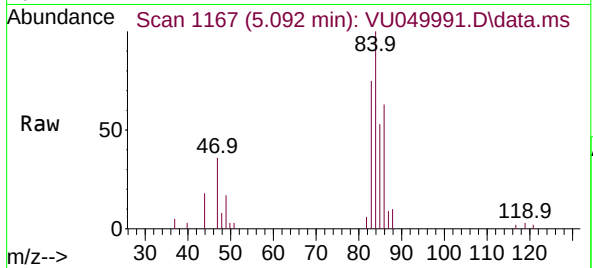




#25
Chloroform
Concen: 0.756 ug/L
RT: 5.092 min Scan# 1166
Delta R.T. 0.007 min
Lab File: VU049991.D
Acq: 28 Jul 2022 17:36

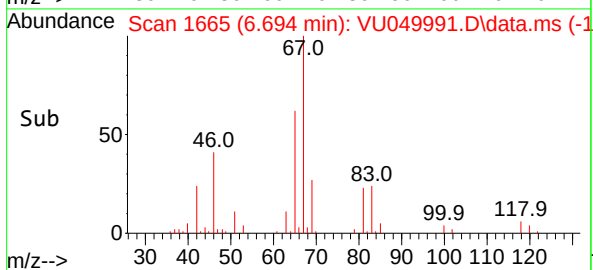
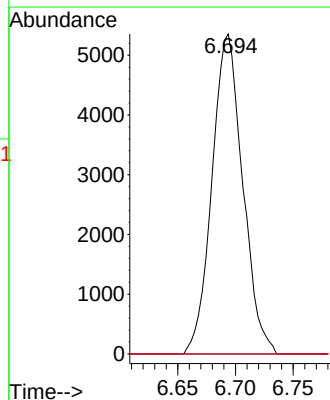
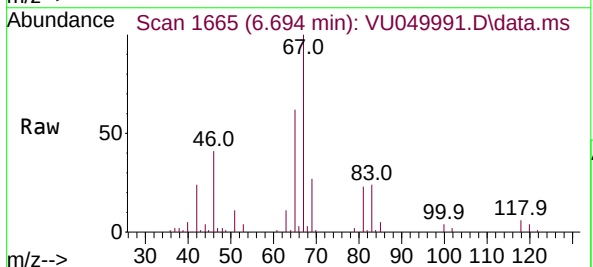
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

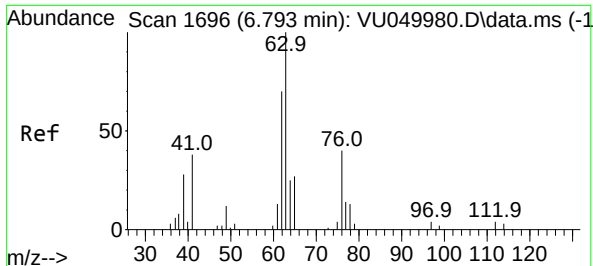
Tgt Ion: 83 Resp: 9734
Ion Ratio Lower Upper
83 100
85 71.1 44.4 82.4



#35
Methylcyclohexane
Concen: 1.156 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.061 min
Lab File: VU049991.D
Acq: 28 Jul 2022 17:36

Tgt Ion: 83 Resp: 9907
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.6 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU049991.D

Acq: 28 Jul 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

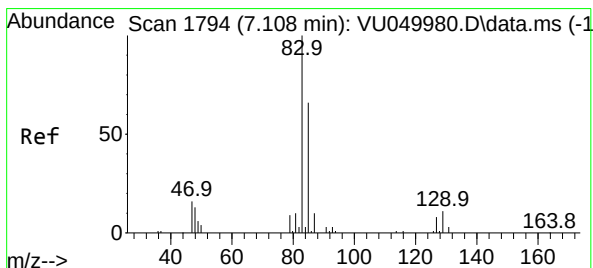
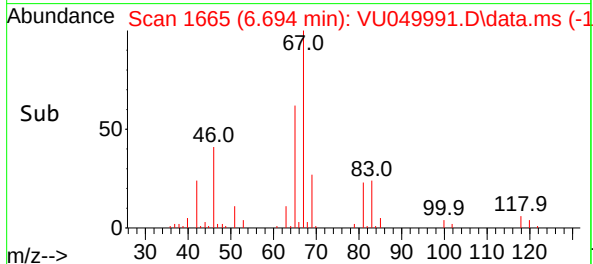
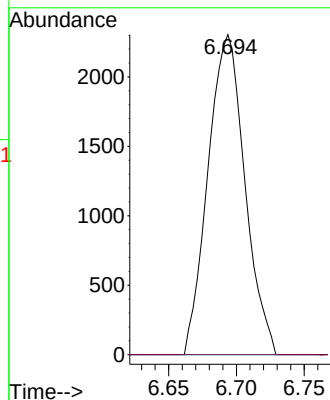
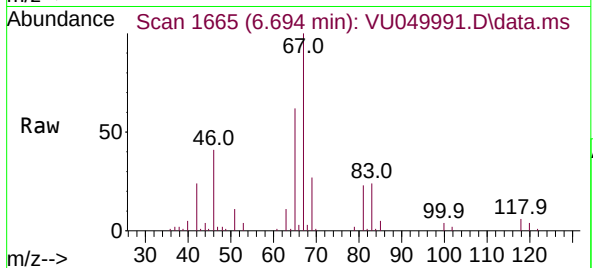
VHBLK001

Tgt Ion: 63 Resp: 4360

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.388 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU049991.D

Acq: 28 Jul 2022 17:36

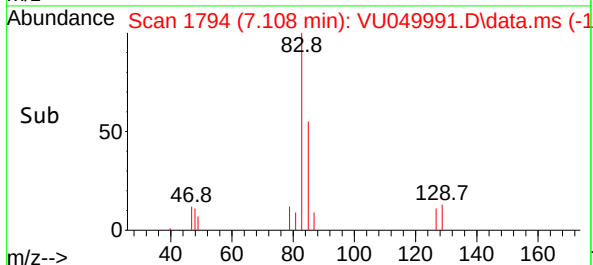
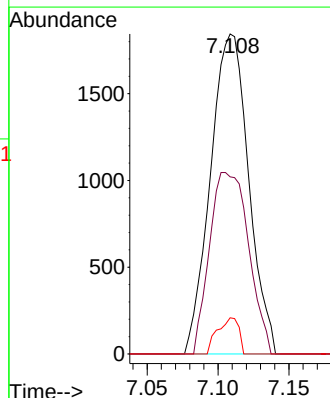
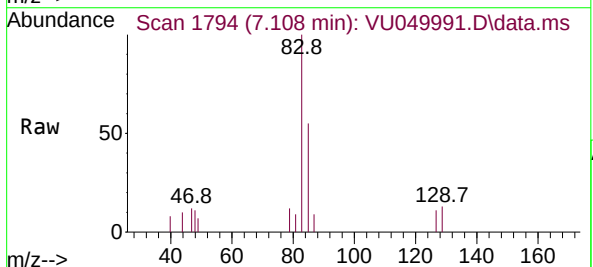
Tgt Ion: 83 Resp: 3458

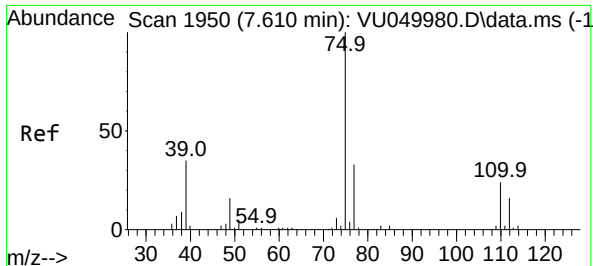
Ion Ratio Lower Upper

83 100

85 55.4 44.9 83.5

127 11.3 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU049991.D

Acq: 28 Jul 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

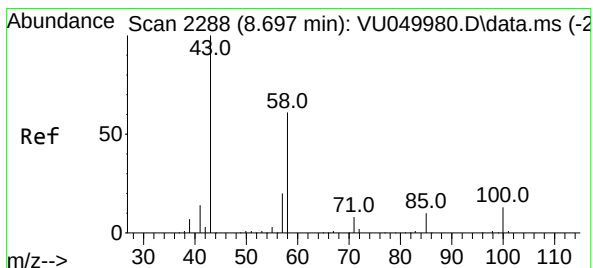
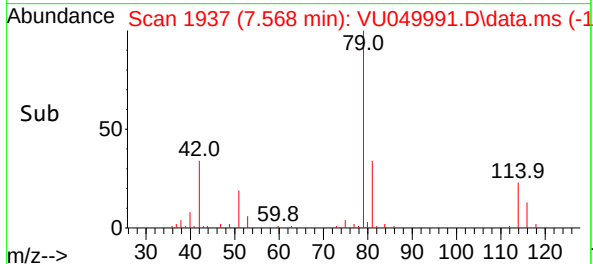
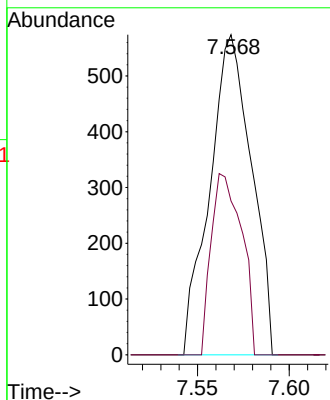
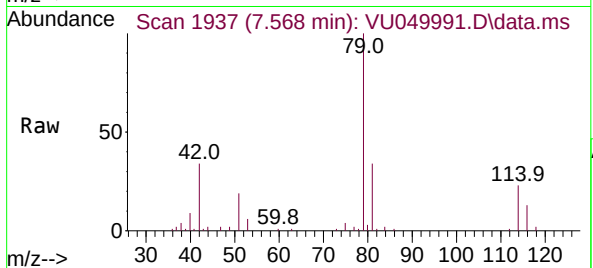
VHBLK001

Tgt Ion: 75 Resp: 910

Ion Ratio Lower Upper

75 100

77 48.1 22.5 41.9#



#48

2-Hexanone

Concen: 5.013 ug/L

RT: 8.687 min Scan# 2285

Delta R.T. -0.009 min

Lab File: VU049991.D

Acq: 28 Jul 2022 17:36

Tgt Ion: 43 Resp: 16270

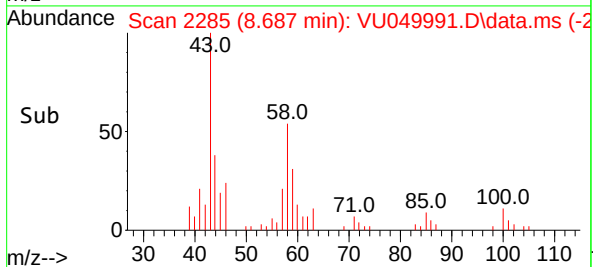
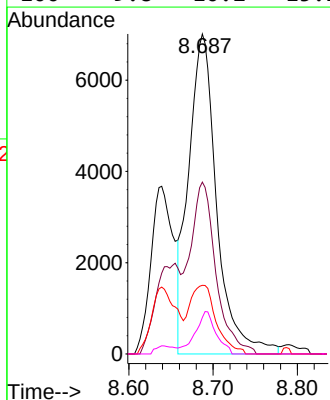
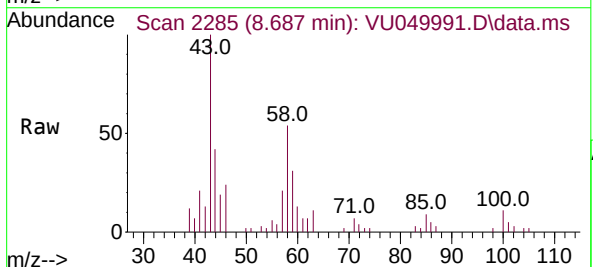
Ion Ratio Lower Upper

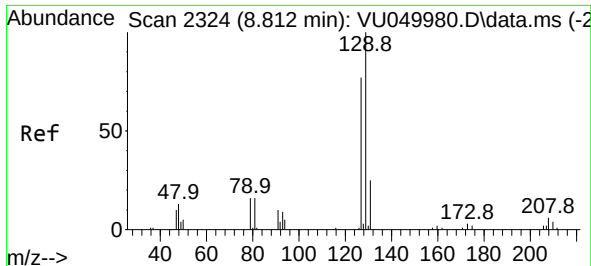
43 100

58 47.9 49.4 74.0#

57 20.4 17.0 25.4

100 9.8 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.343 ug/L

RT: 8.809 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049991.D

Acq: 28 Jul 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

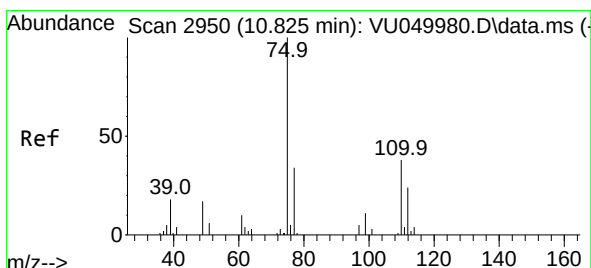
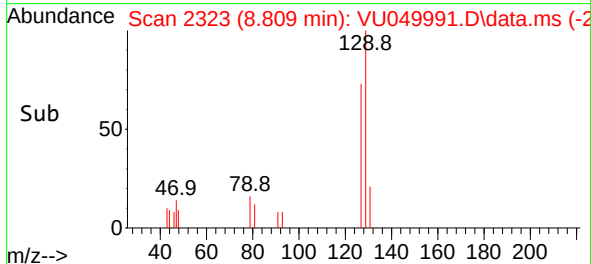
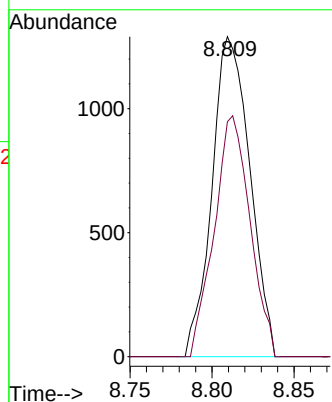
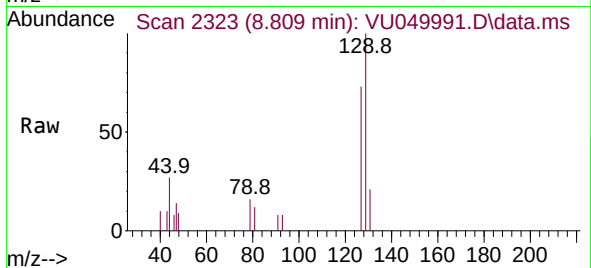
VHBLK001

Tgt Ion:129 Resp: 2069

Ion Ratio Lower Upper

129 100

127 73.4 54.5 101.1



#61

1,2,3-Trichloropropane

Concen: 1.048 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.991 min

Lab File: VU049991.D

Acq: 28 Jul 2022 17:36

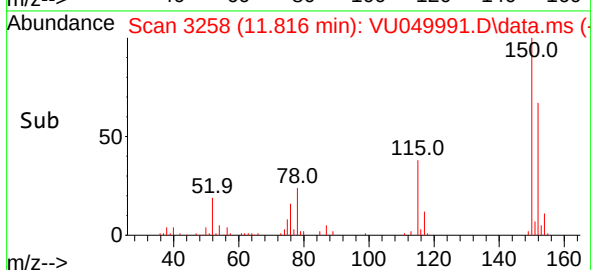
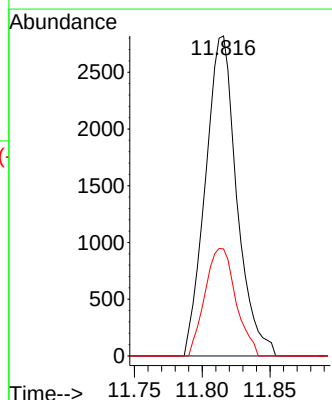
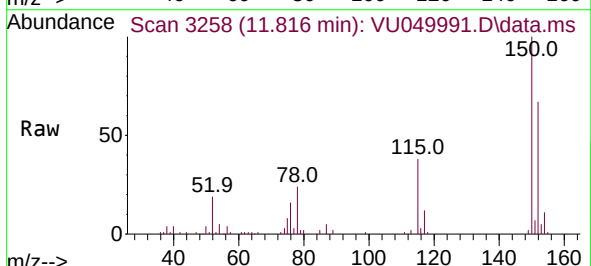
Tgt Ion: 75 Resp: 4541

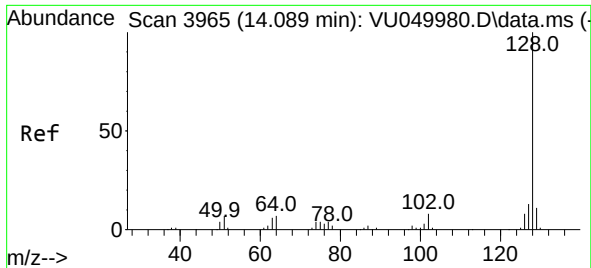
Ion Ratio Lower Upper

75 100

110 0.0 28.1 42.1#

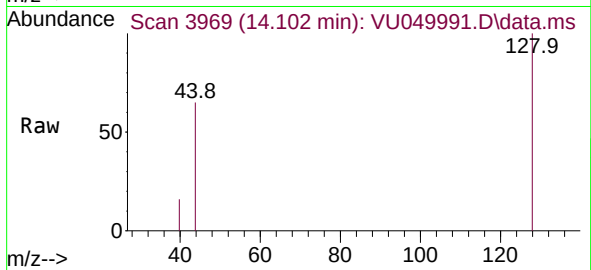
77 32.9 24.7 37.1





#71
Naphthalene
Concen: 0.114 ug/L
RT: 14.102 min Scan# 3969
Delta R.T. 0.013 min
Lab File: VU049991.D
Acq: 28 Jul 2022 17:36

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001



Tgt Ion:128 Resp: 1369
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 5.8 10.3 15.5#

