

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU049990.D
 Acq On : 28 Jul 2022 17:11
 Operator : SY/MD
 Sample : N3873-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 29 02:38:13 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)

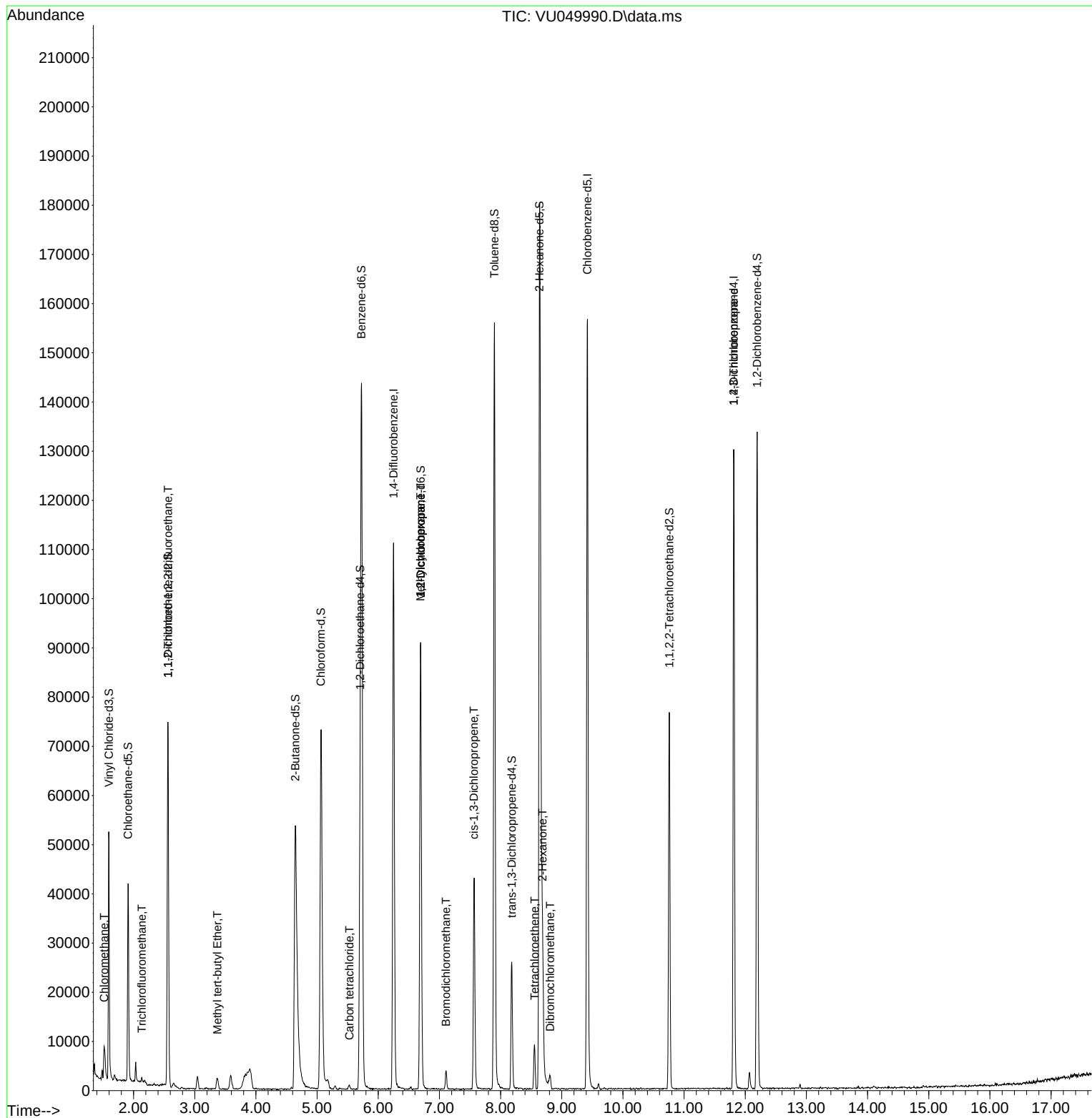
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	93189	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93114	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	36096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	36073	4.509	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.909	69	29767	5.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.562	65	13506	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.646	46	104080	58.435	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.880%
24) Chloroform-d	5.064	84	69564	5.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.703	65	35622	5.339	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.726	84	136203	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.694	67	47279	5.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.899	98	109345	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.182	79	16069	5.086	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.636	63	57888	48.948	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40263	5.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	37400	5.586	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	7729	0.907	ug/L	97
9) Trichlorofluoromethane	2.134	101	595	0.063	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	312	0.056	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	2565	0.178	ug/L #	93
31) Carbon tetrachloride	5.527	117	669	0.083	ug/L	96
35) Methylcyclohexane	6.690	83	10244	1.176	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4614	0.616	ug/L #	88
38) Bromodichloromethane	7.108	83	2842	0.314	ug/L	94
39) cis-1,3-Dichloropropene	7.565	75	908	0.094	ug/L #	77
47) Tetrachloroethene	8.555	164	2097	0.441	ug/L	90
48) 2-Hexanone	8.687	43	16106	4.882	ug/L #	88
49) Dibromochloromethane	8.813	129	1459	0.238	ug/L	85
61) 1,2,3-Trichloropropane	11.812	75	4512	1.076	ug/L #	68

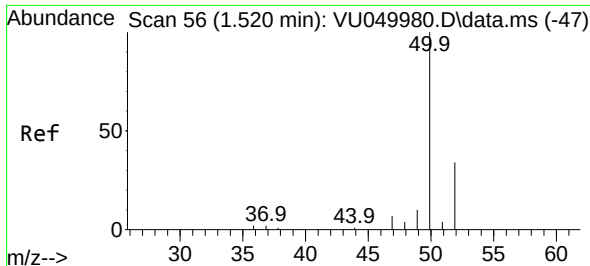
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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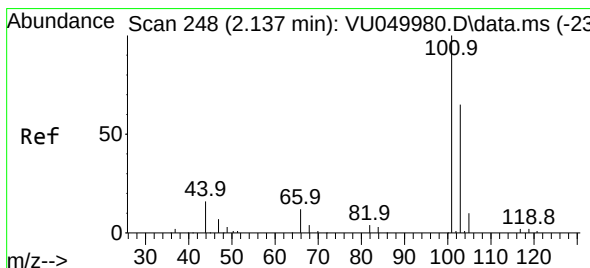
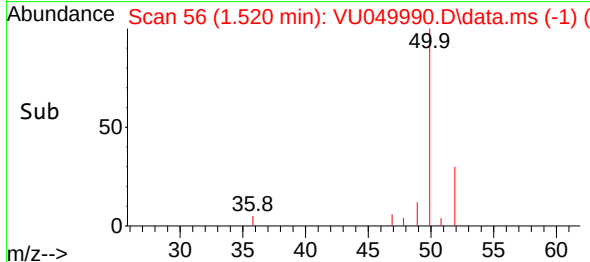
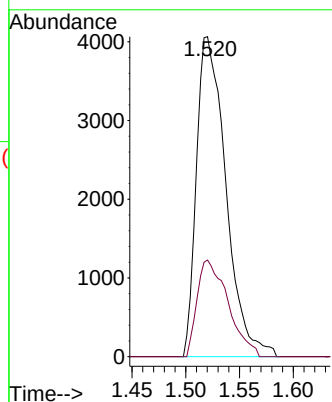
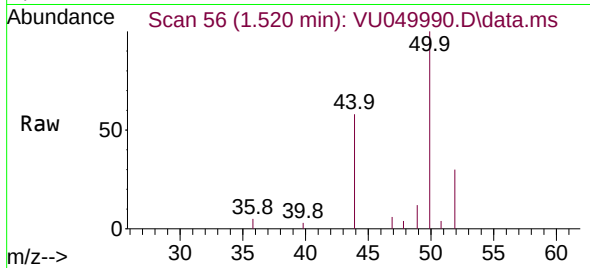




#3
Chloromethane
Concen: 0.907 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU049990.D
Acq: 28 Jul 2022 17:11

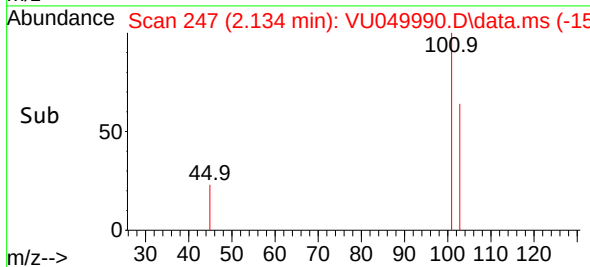
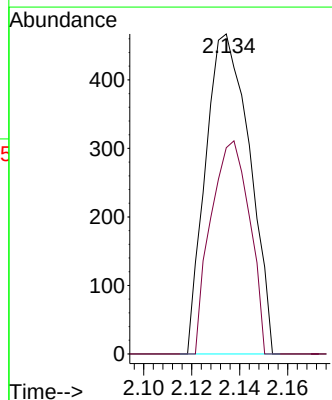
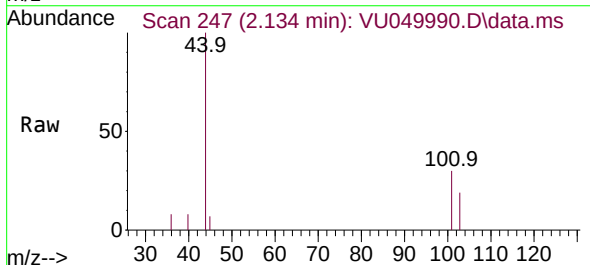
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

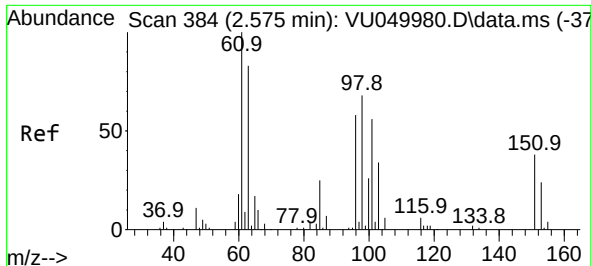
Tgt Ion: 50 Resp: 7729
Ion Ratio Lower Upper
50 100
52 30.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 0.063 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU049990.D
Acq: 28 Jul 2022 17:11

Tgt Ion: 101 Resp: 595
Ion Ratio Lower Upper
101 100
103 58.5 51.0 76.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.056 ug/L

RT: 2.562 min Scan# 312

Delta R.T. -0.013 min

Lab File: VU049990.D

Acq: 28 Jul 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

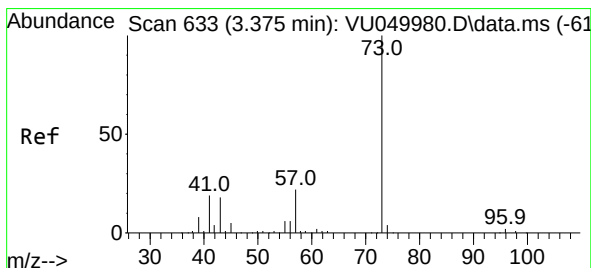
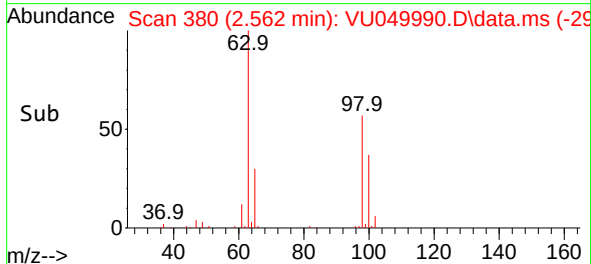
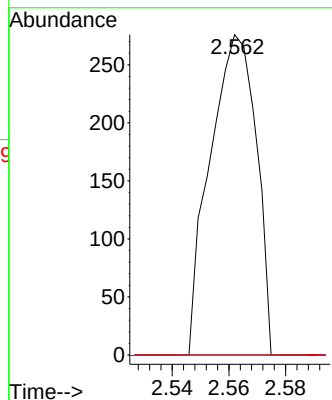
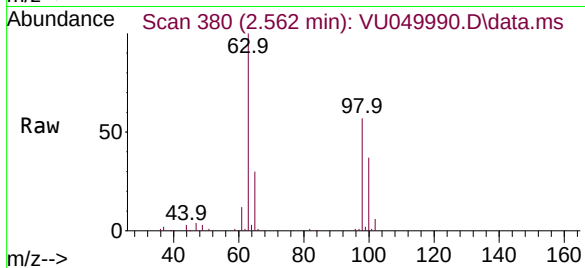
Tgt Ion:101 Resp: 312

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: 0.178 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.006 min

Lab File: VU049990.D

Acq: 28 Jul 2022 17:11

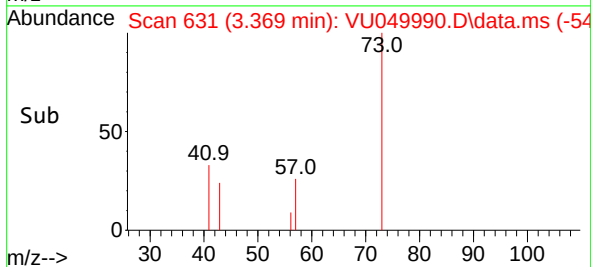
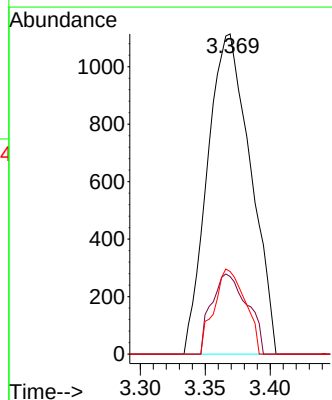
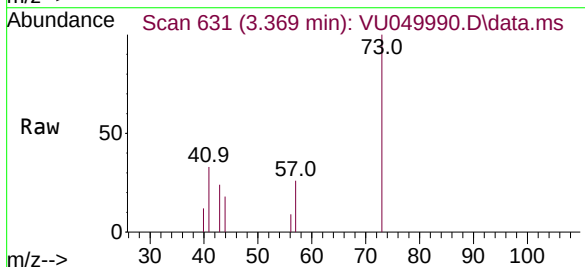
Tgt Ion: 73 Resp: 2565

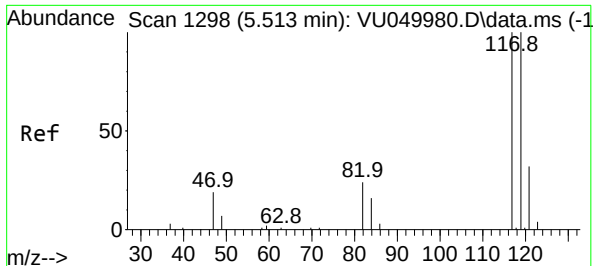
Ion Ratio Lower Upper

73 100

43 20.8 13.8 20.6#

57 19.1 17.9 26.9

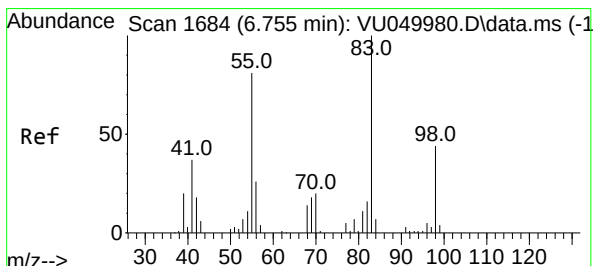
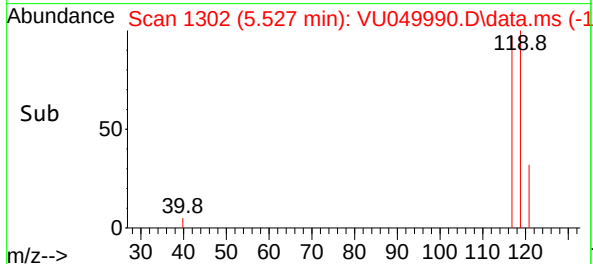
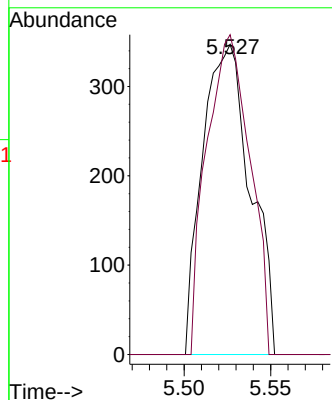
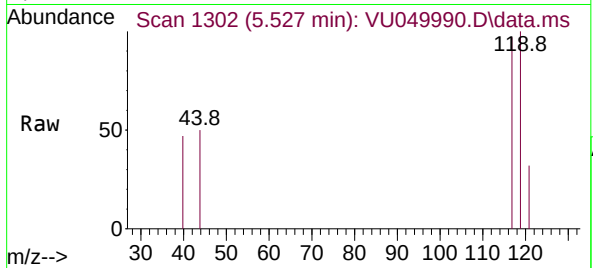




#31
Carbon tetrachloride
Concen: 0.083 ug/L
RT: 5.527 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU049990.D
Acq: 28 Jul 2022 17:11

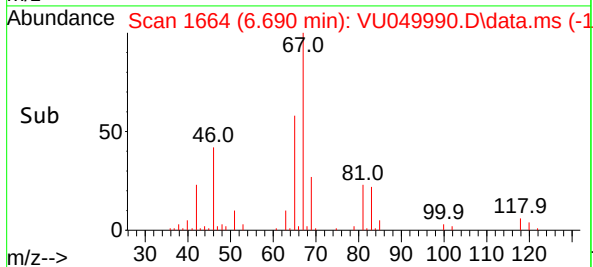
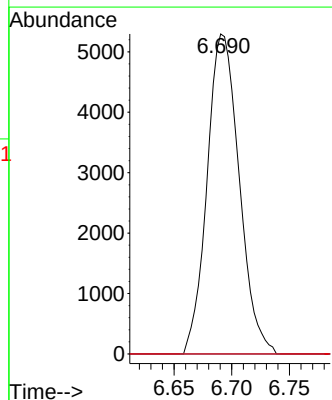
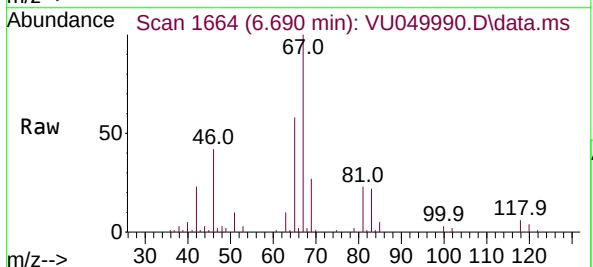
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

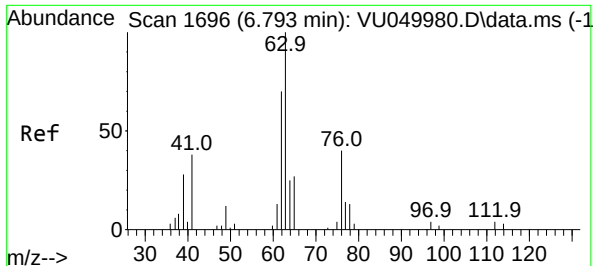
Tgt Ion:117 Resp: 669
Ion Ratio Lower Upper
117 100
119 93.3 77.8 116.6



#35
Methylcyclohexane
Concen: 1.176 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.064 min
Lab File: VU049990.D
Acq: 28 Jul 2022 17:11

Tgt Ion: 83 Resp: 10244
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.0 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.616 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU049990.D

Acq: 28 Jul 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

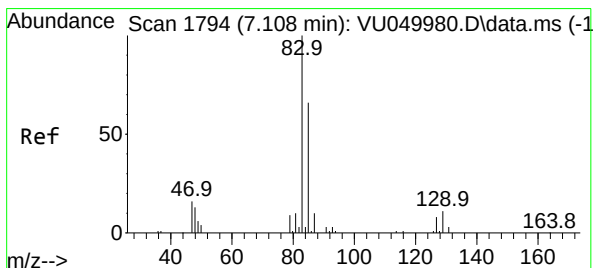
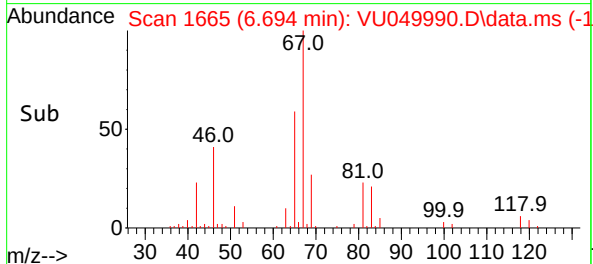
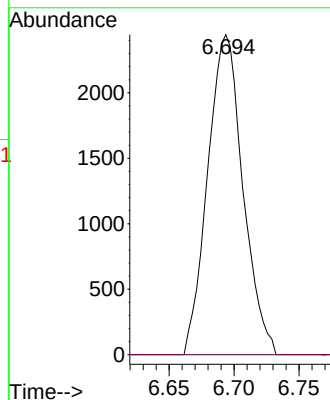
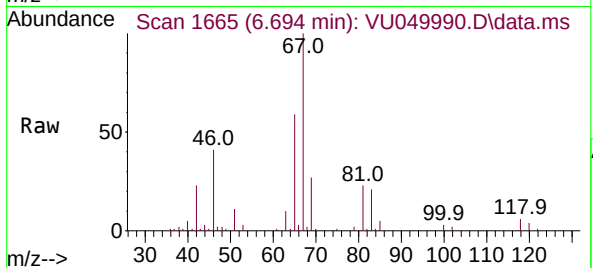
VHBLK001

Tgt Ion: 63 Resp: 4614

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#38

Bromodichloromethane

Concen: 0.314 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU049990.D

Acq: 28 Jul 2022 17:11

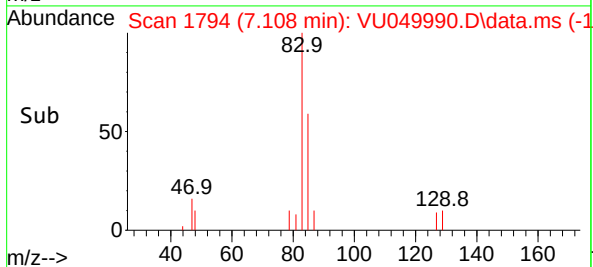
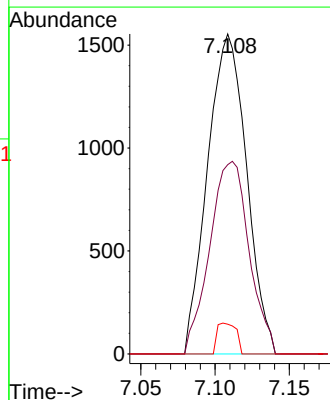
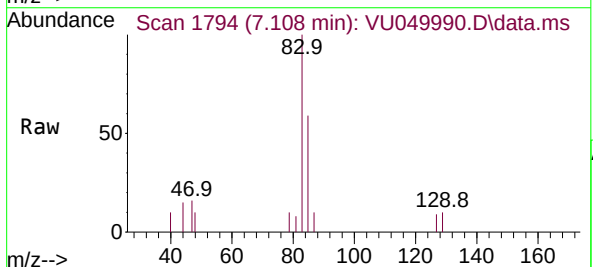
Tgt Ion: 83 Resp: 2842

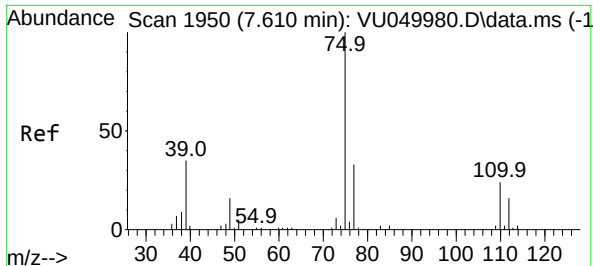
Ion Ratio Lower Upper

83 100

85 59.1 44.9 83.5

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU049990.D

Acq: 28 Jul 2022 17:11

Instrument :

MSVOA_U

ClientSampleId :

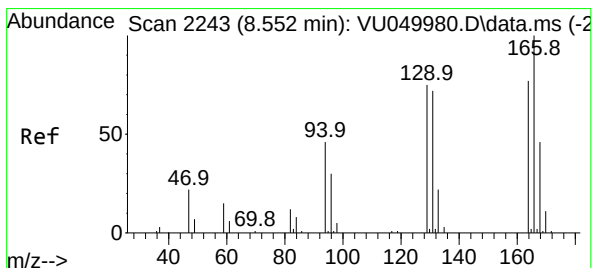
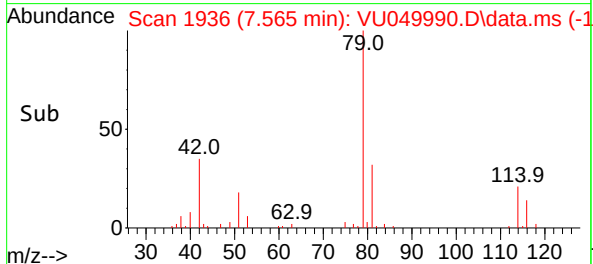
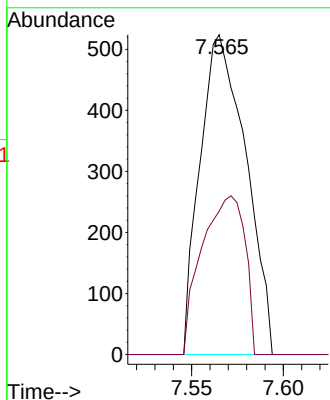
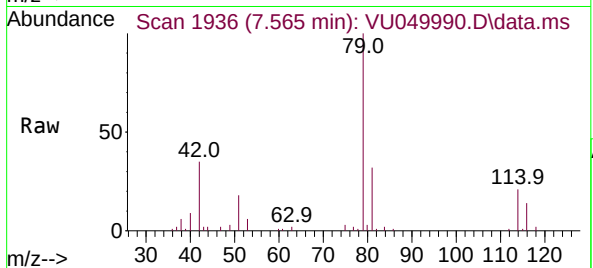
VHBLK001

Tgt Ion: 75 Resp: 908

Ion Ratio Lower Upper

75 100

77 44.8 22.5 41.9#



#47

Tetrachloroethene

Concen: 0.441 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

Lab File: VU049990.D

Acq: 28 Jul 2022 17:11

Tgt Ion: 164 Resp: 2097

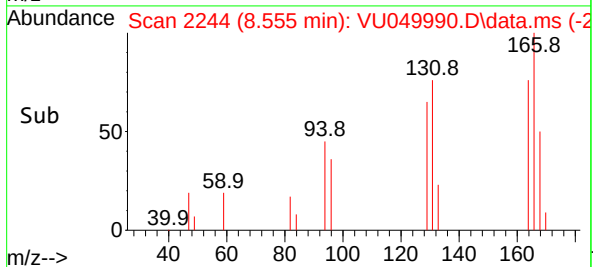
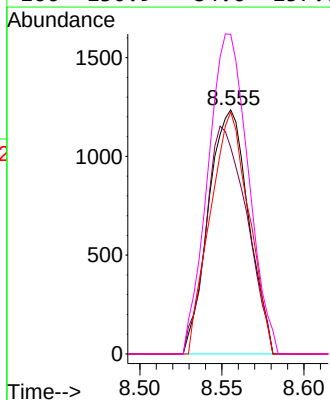
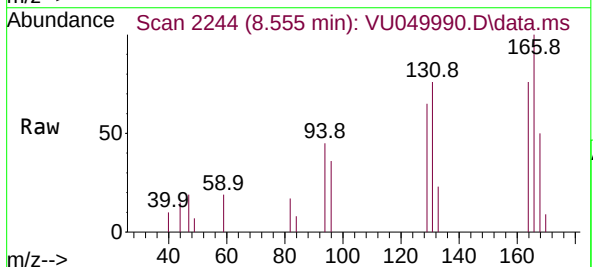
Ion Ratio Lower Upper

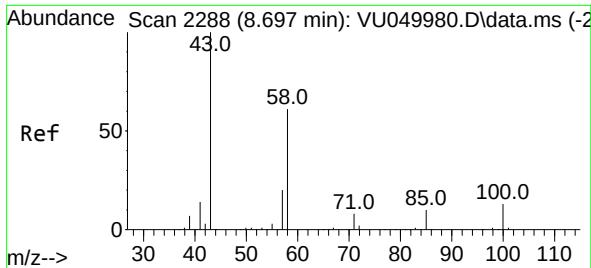
164 100

129 84.6 66.3 123.1

131 99.1 63.1 117.1

166 130.9 84.6 157.0

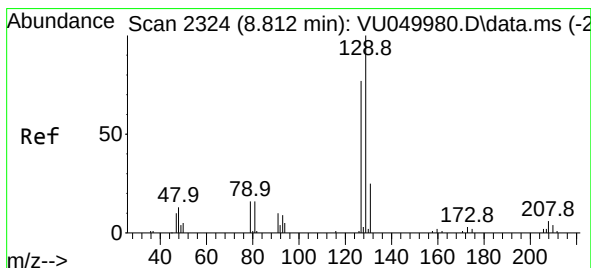
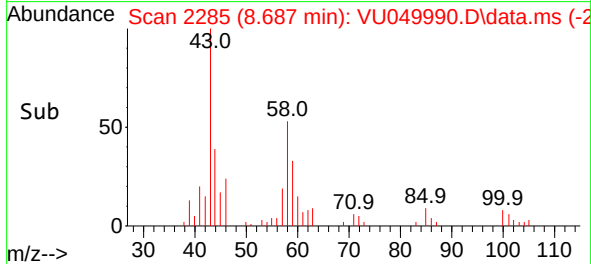
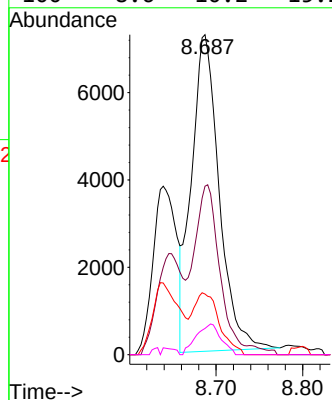
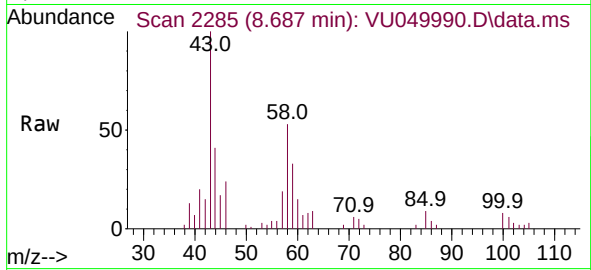




#48
2-Hexanone
Concen: 4.882 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.009 min
Lab File: VU049990.D
Acq: 28 Jul 2022 17:11

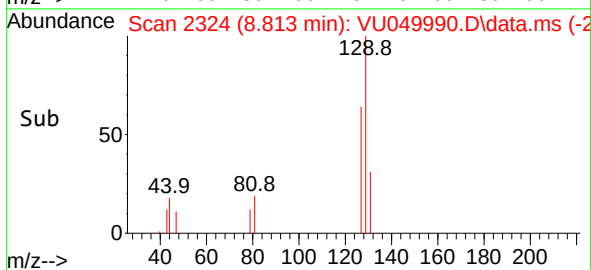
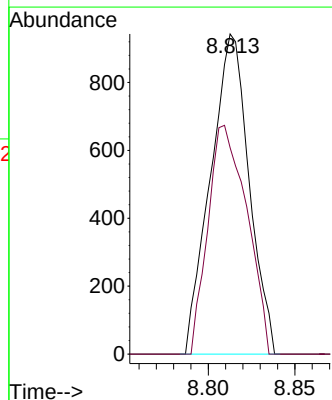
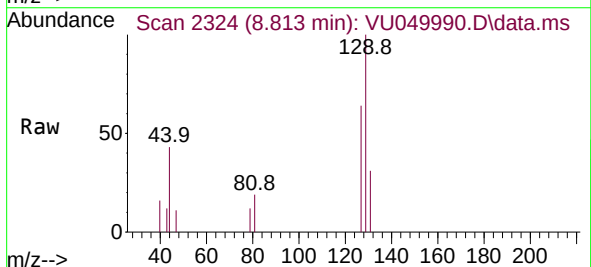
Instrument :
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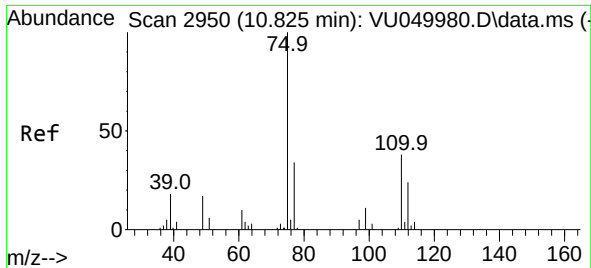
Tgt Ion:	43	Resp:	16106
Ion	Ratio	Lower	Upper
43	100		
58	51.0	49.4	74.0
57	18.3	17.0	25.4
100	8.6	10.2	15.2



#49
Dibromochloromethane
Concen: 0.238 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU049990.D
Acq: 28 Jul 2022 17:11

Tgt Ion:	129	Resp:	1459
Ion	Ratio	Lower	Upper
129	100		
127	64.5	54.5	101.1





#61
 1,2,3-Trichloropropane
 Concen: 1.076 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU049990.D
 Acq: 28 Jul 2022 17:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 4512
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.1 42.1#
 77 30.5 24.7 37.1

