

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049939.D
 Acq On : 27 Jul 2022 02:59
 Operator : SY/MD
 Sample : N3879-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH2

Quant Time: Jul 27 05:32:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

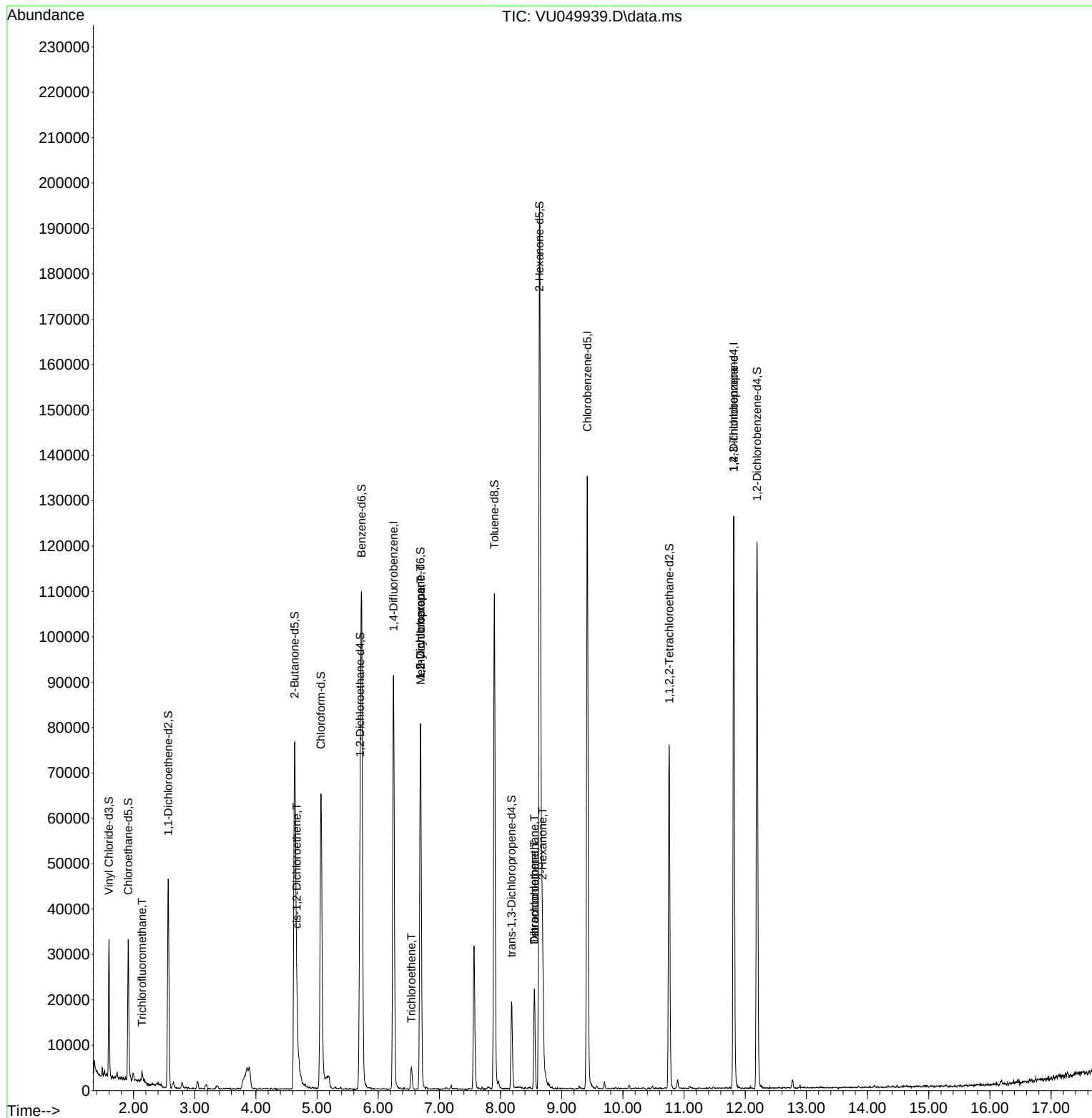
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	70793	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	73838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	32692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	19987	3.487	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.912	69	20513	4.277	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.568	65	8970	3.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	4.632	46	127623	61.888	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.780%
24) Chloroform-d	5.063	84	58735	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.703	65	36118	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.729	84	96699	3.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.690	67	37965	4.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.899	98	73802	3.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	8.179	79	10913	3.458	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.636	63	58589	46.851	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37837	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	30226	4.479	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.137	101	1601	0.169	ug/L #	82
22) cis-1,2-Dichloroethene	4.668	96	403	0.064	ug/L	88
34) Trichloroethene	6.542	95	1501	0.231	ug/L	96
35) Methylcyclohexane	6.693	83	8833	1.102	ug/L #	16
37) 1,2-Dichloropropane	6.690	63	3907	0.512	ug/L #	89
47) Tetrachloroethene	8.552	164	4363	0.976	ug/L	94
48) 2-Hexanone	8.687	43	18511	4.656	ug/L	97
49) Dibromochloromethane	8.552	129	4715	0.774	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	4551	1.045	ug/L #	67

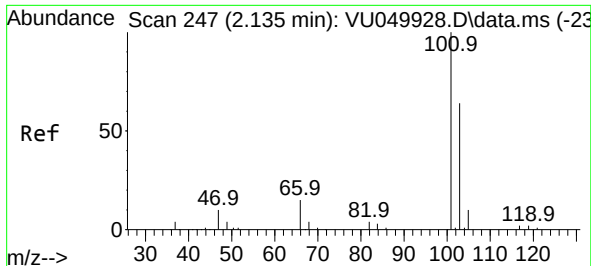
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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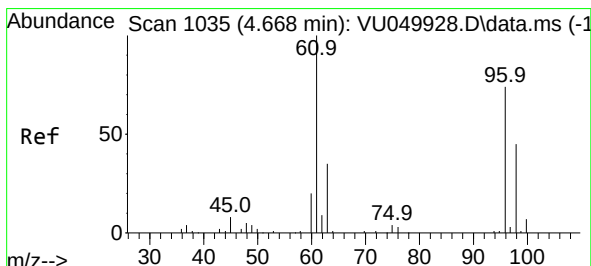
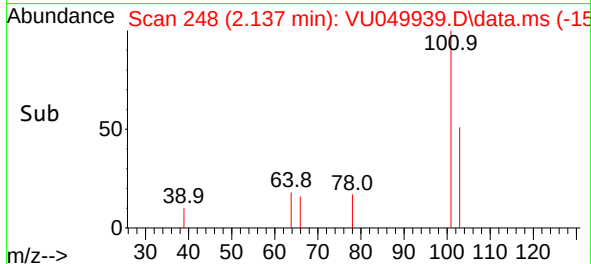
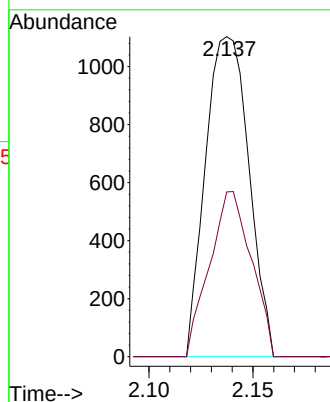
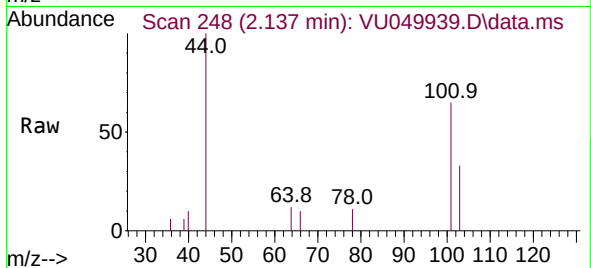




#9
Trichlorofluoromethane
Concen: 0.169 ug/L
RT: 2.137 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU049939.D
Acq: 27 Jul 2022 02:59

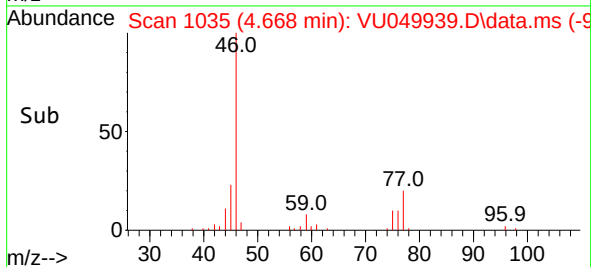
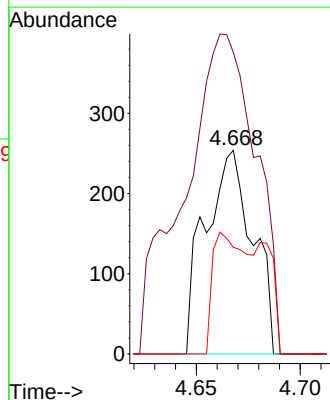
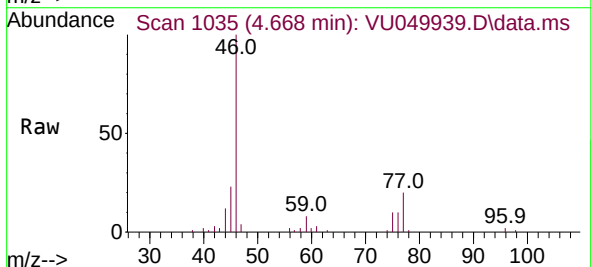
Instrument :
MSVOA_U
ClientSampleId :
DBUH2

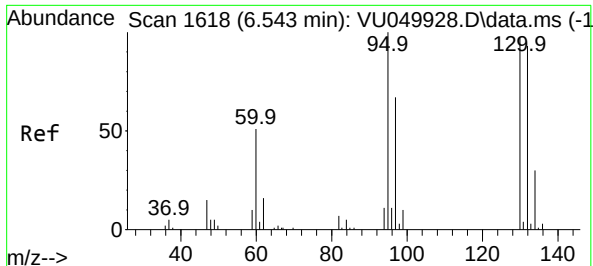
Tgt Ion:101 Resp: 1601
Ion Ratio Lower Upper
101 100
103 49.7 50.8 76.2#



#22
cis-1,2-Dichloroethene
Concen: 0.064 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VU049939.D
Acq: 27 Jul 2022 02:59

Tgt Ion: 96 Resp: 403
Ion Ratio Lower Upper
96 100
61 148.0 93.9 174.3
98 52.4 43.9 81.5



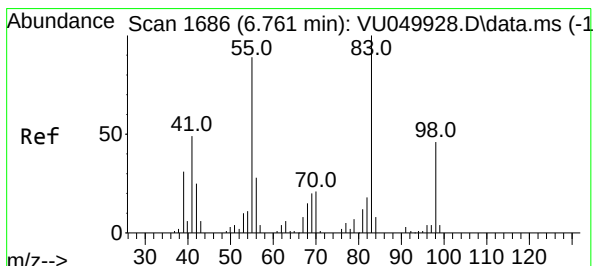
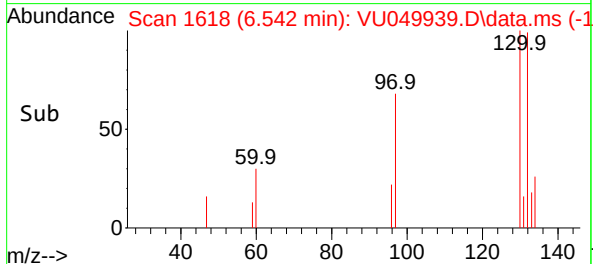
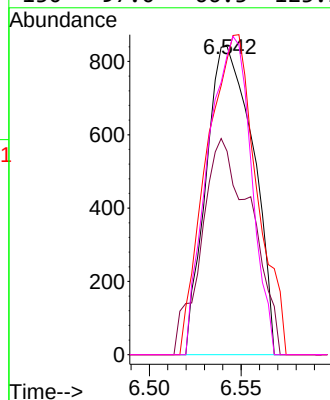
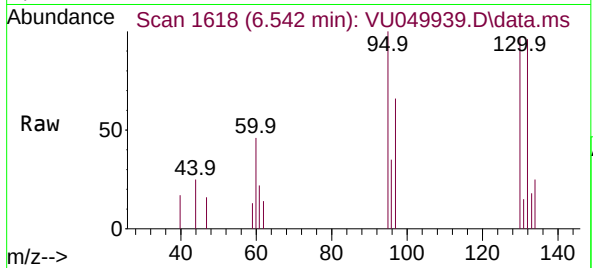


#34
Trichloroethene
Concen: 0.231 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049939.D
Acq: 27 Jul 2022 02:59

Instrument :
MSVOA_U
ClientSampleId :
DBUH2

Tgt Ion: 95 Resp: 1501

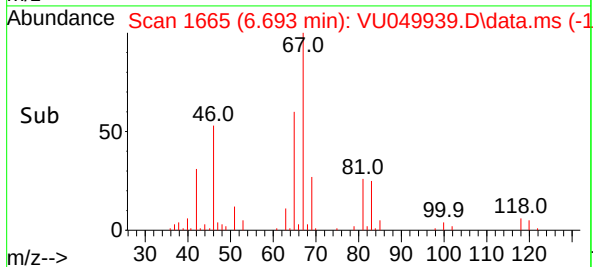
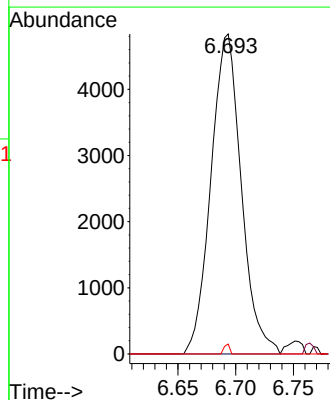
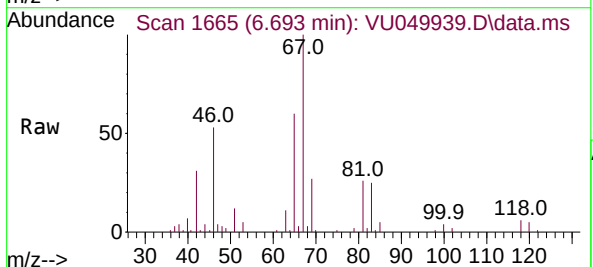
Ion	Ratio	Lower	Upper
95	100		
97	66.0	46.8	86.8
132	95.8	61.8	114.8
130	97.0	66.3	123.1

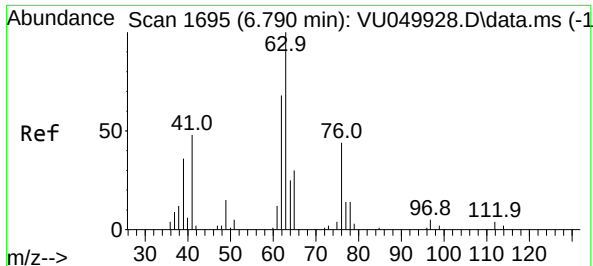


#35
Methylcyclohexane
Concen: 1.102 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.068 min
Lab File: VU049939.D
Acq: 27 Jul 2022 02:59

Tgt Ion: 83 Resp: 8833

Ion	Ratio	Lower	Upper
83	100		
55	0.9	69.0	103.4#
98	0.6	36.4	54.6#





#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049939.D

Acq: 27 Jul 2022 02:59

Instrument :

MSVOA_U

ClientSampleId :

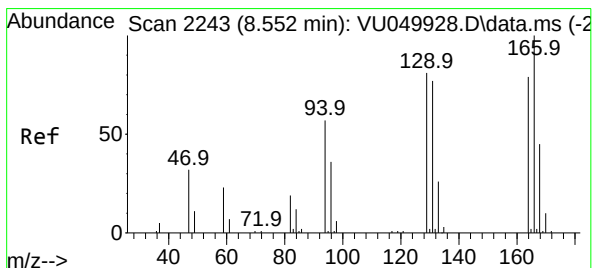
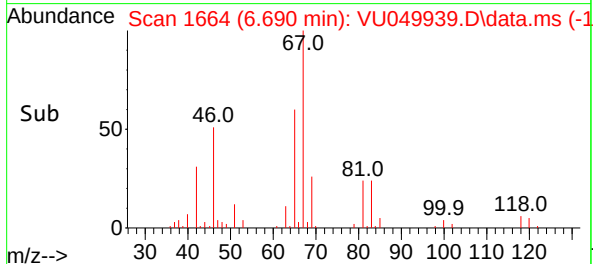
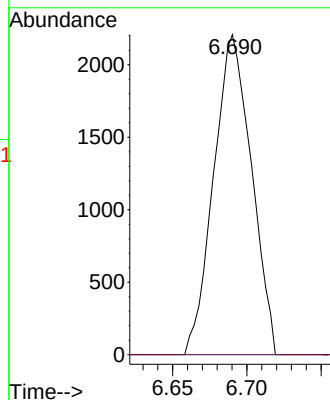
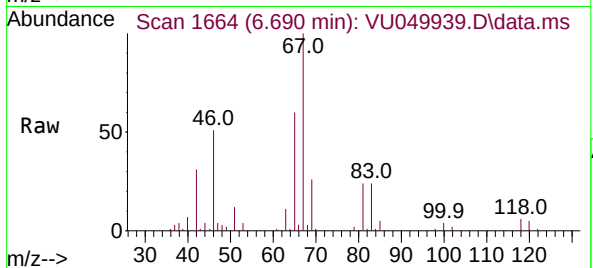
DBUH2

Tgt Ion: 63 Resp: 3907

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#47

Tetrachloroethene

Concen: 0.976 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU049939.D

Acq: 27 Jul 2022 02:59

Tgt Ion: 164 Resp: 4363

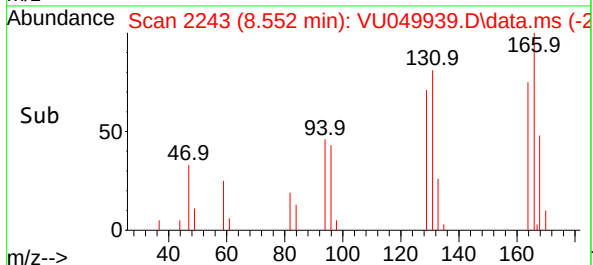
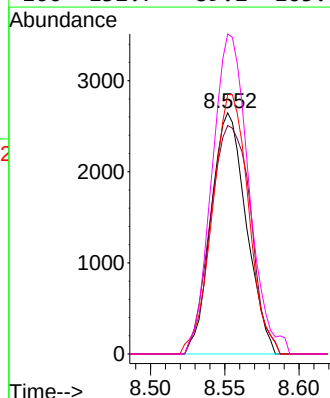
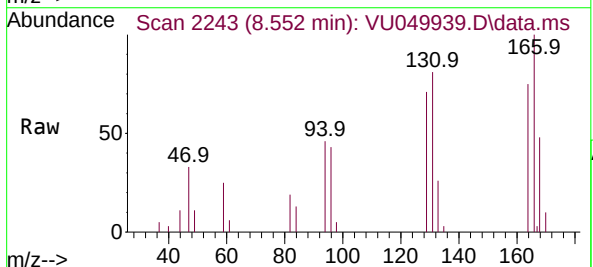
Ion Ratio Lower Upper

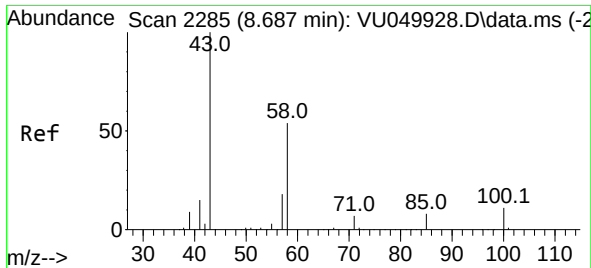
164 100

129 94.7 68.9 127.9

131 107.6 67.5 125.4

166 132.7 89.2 165.8

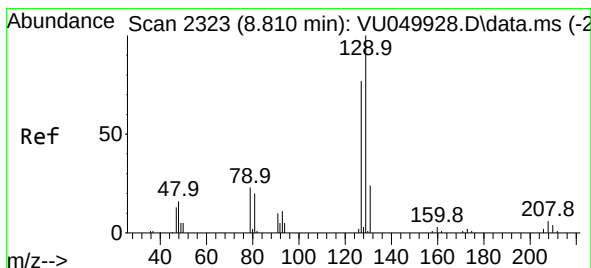
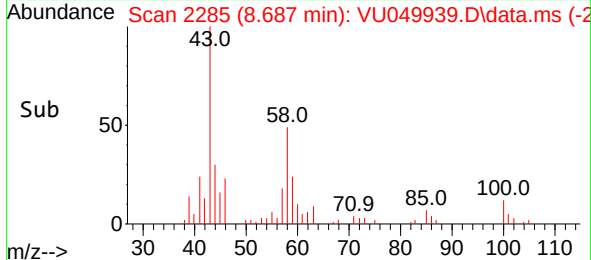
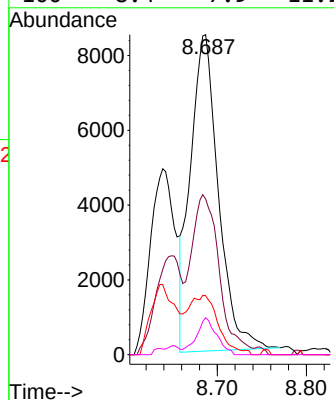
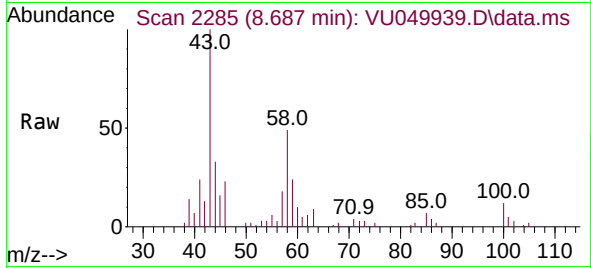




#48
2-Hexanone
Concen: 4.656 ug/L
RT: 8.687 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU049939.D
Acq: 27 Jul 2022 02:59

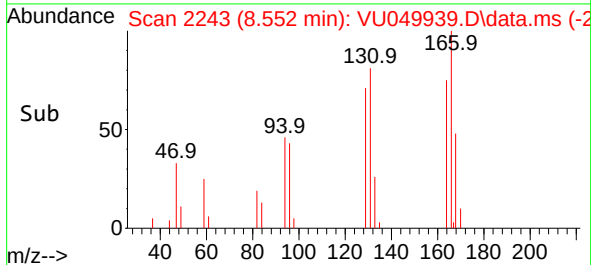
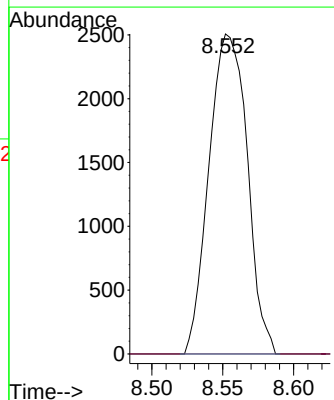
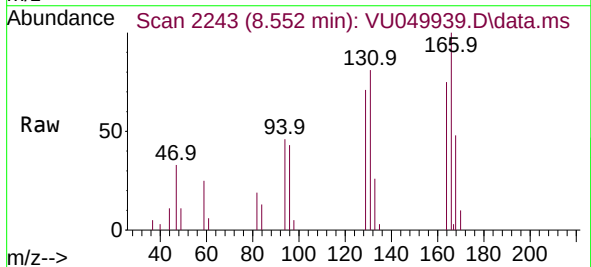
Instrument :
MSVOA_U
ClientSampleId :
DBUH2

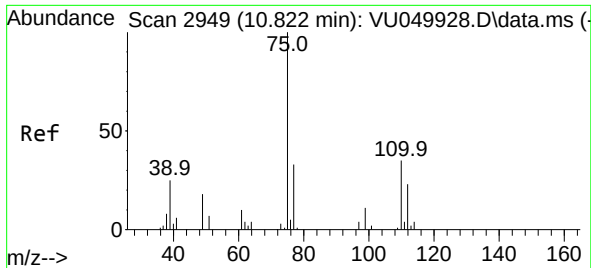
Tgt Ion: 43	Resp: 18511
Ion Ratio	Lower Upper
43 100	
58 51.0	42.1 63.1
57 20.0	14.3 21.5
100 8.4	7.9 11.9



#49
Dibromochloromethane
Concen: 0.774 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.258 min
Lab File: VU049939.D
Acq: 27 Jul 2022 02:59

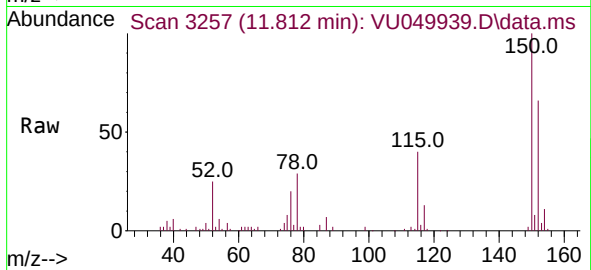
Tgt Ion: 129	Resp: 4715
Ion Ratio	Lower Upper
129 100	
127 0.0	50.5 93.7#





#61
1,2,3-Trichloropropane
Concen: 1.045 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU049939.D
Acq: 27 Jul 2022 02:59

Instrument :
MSVOA_U
ClientSampleId :
DBUH2



Tgt Ion: 75 Resp: 4551
Ion Ratio Lower Upper
75 100
110 0.0 28.0 42.0#
77 30.3 25.4 38.2

