

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072822\
 Data File : VU050000.D
 Acq On : 28 Jul 2022 21:18
 Operator : SY/MD
 Sample : N3879-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3

Quant Time: Jul 29 02:40:24 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)

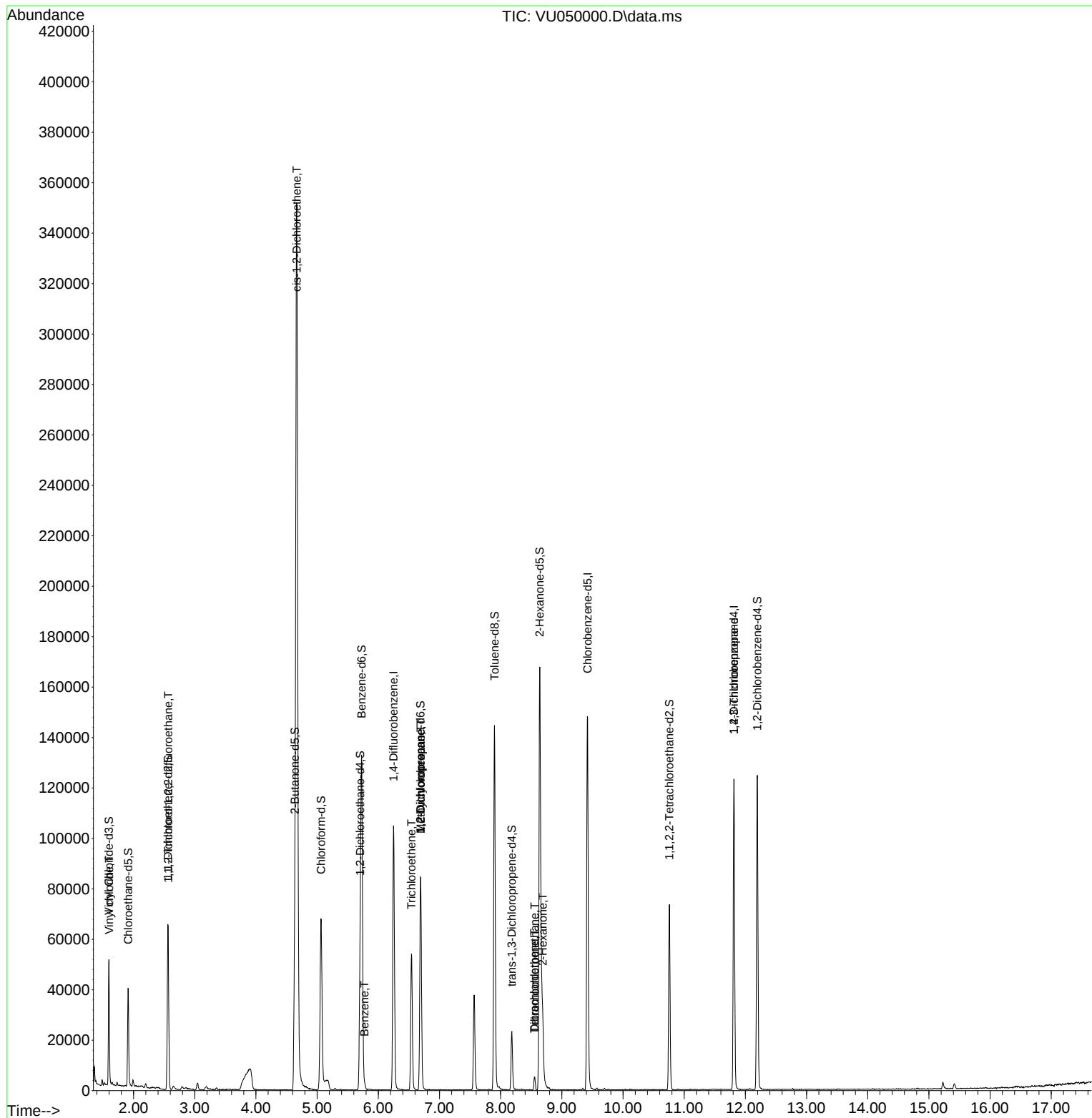
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	88672	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	87150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33223	4.364	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.200%	
7) Chloroethane-d5	1.912	69	28086	5.136	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.800%	
11) 1,1-Dichloroethene-d2	2.562	65	12361	4.711	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	94.200%	
20) 2-Butanone-d5	4.636	46	97777	57.693	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.380%	
24) Chloroform-d	5.063	84	64859	5.148	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.703	65	33657	5.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.729	84	127651	4.957	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
36) 1,2-Dichloropropane-d6	6.690	67	44292	5.250	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.000%	
41) Toluene-d8	7.899	98	102119	4.461	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	8.182	79	14557	4.923	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5	8.636	63	53263	48.119	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.240%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38492	5.430	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	34961	5.478	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	1040	0.136	ug/L #	14
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	310	0.059	ug/L #	21
22) cis-1,2-Dichloroethene	4.668	96	180709	28.106	ug/L	99
33) Benzene	5.774	78	1745	0.069	ug/L	100
34) Trichloroethene	6.543	95	19174	3.101	ug/L	98
35) Methylcyclohexane	6.694	83	9965	1.222	ug/L #	19
37) 1,2-Dichloropropane	6.694	63	4339	0.619	ug/L #	88
47) Tetrachloroethene	8.552	164	1238	0.278	ug/L	96
48) 2-Hexanone	8.687	43	16728	5.418	ug/L #	85
49) Dibromochloromethane	8.555	129	1269	0.221	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	3971	0.994	ug/L #	66

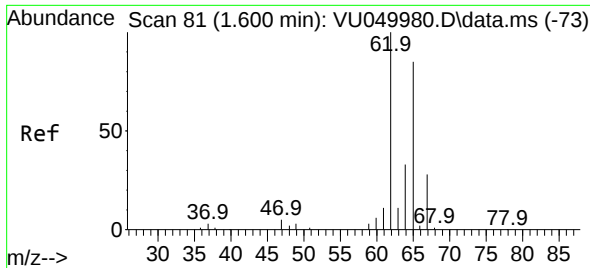
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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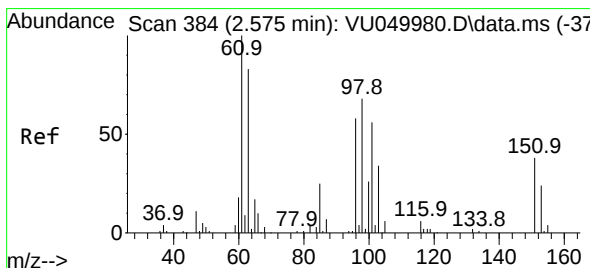
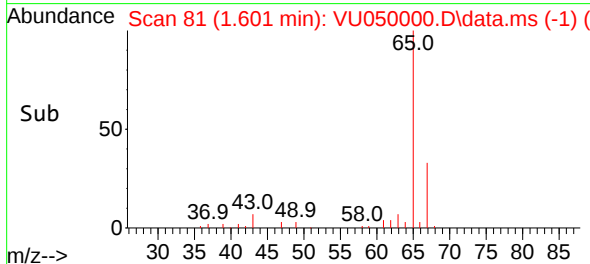
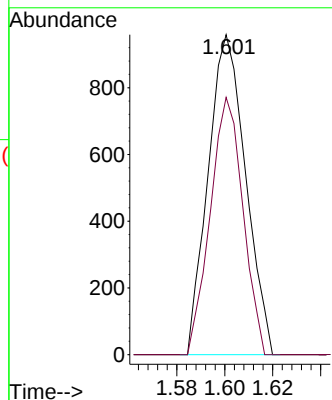
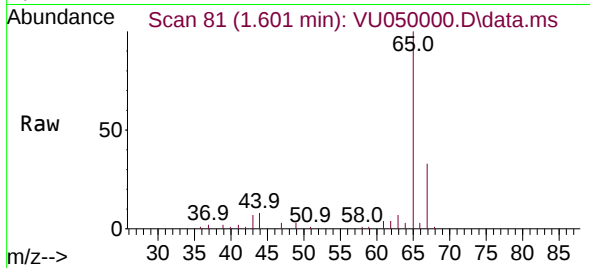




#5
 Vinyl chloride
 Concen: 0.136 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050000.D
 Acq: 28 Jul 2022 21:18

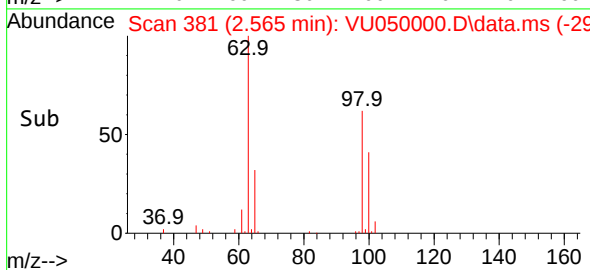
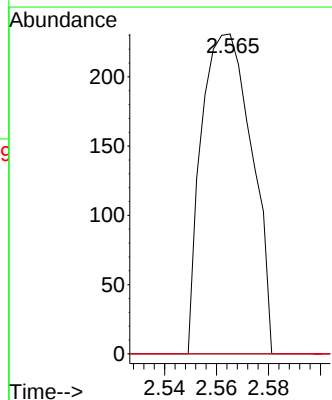
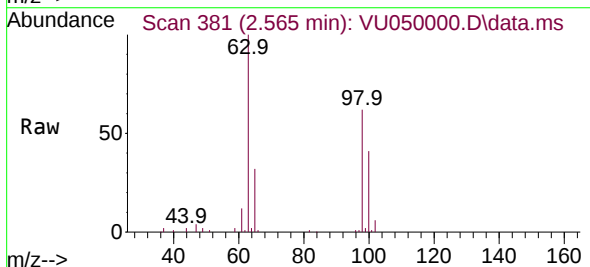
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3

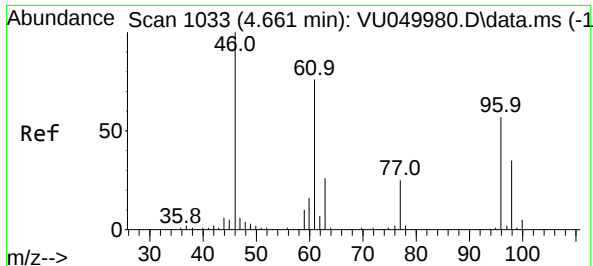
Tgt Ion: 62 Resp: 1040
 Ion Ratio Lower Upper
 62 100
 64 80.4 22.5 41.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.059 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.009 min
 Lab File: VU050000.D
 Acq: 28 Jul 2022 21:18

Tgt Ion: 101 Resp: 310
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.1 51.1#
 151 0.0 56.6 85.0#





#22

cis-1,2-Dichloroethene

Concen: 28.106 ug/L

RT: 4.668 min Scan# 110

Delta R.T. 0.007 min

Lab File: VU050000.D

Acq: 28 Jul 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

DBUF3

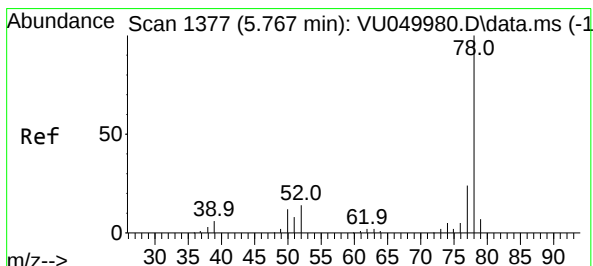
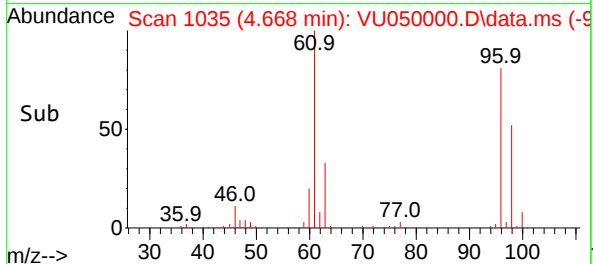
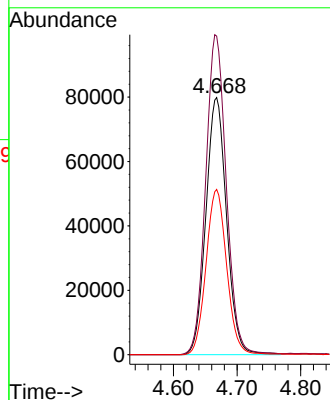
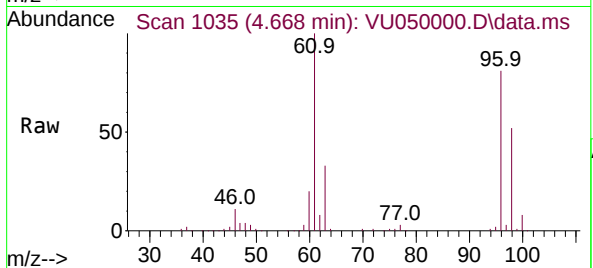
Tgt Ion: 96 Resp: 180709

Ion Ratio Lower Upper

96 100

61 123.9 87.2 161.9

98 64.3 44.7 83.1



#33

Benzene

Concen: 0.069 ug/L

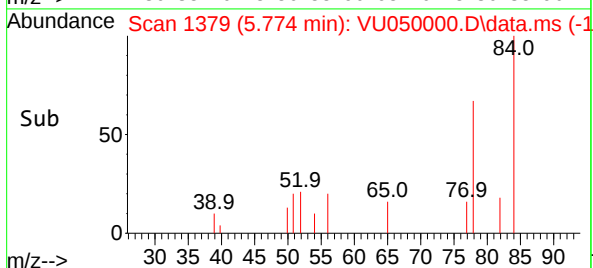
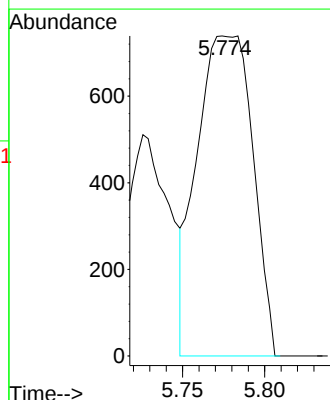
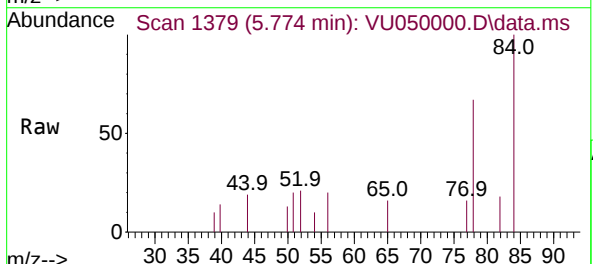
RT: 5.774 min Scan# 1379

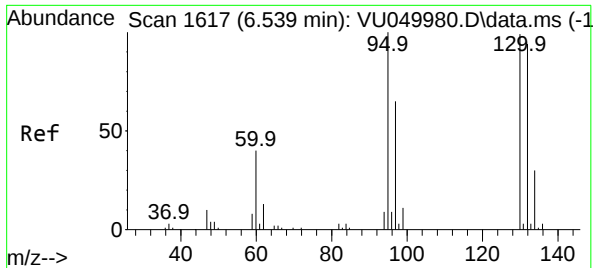
Delta R.T. 0.007 min

Lab File: VU050000.D

Acq: 28 Jul 2022 21:18

Tgt Ion: 78 Resp: 1745



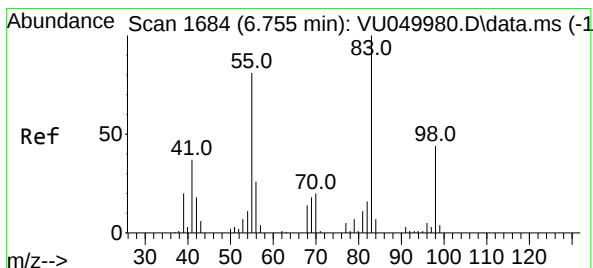
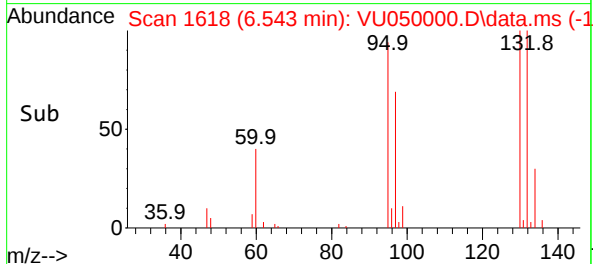
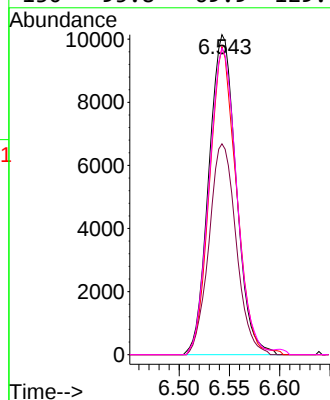
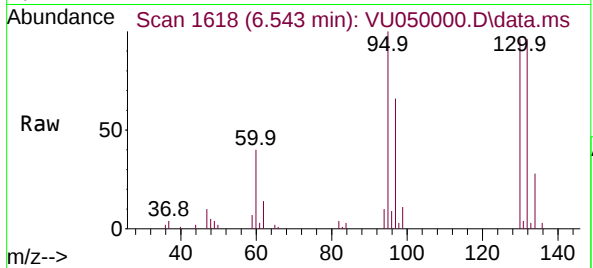


#34
Trichloroethene
Concen: 3.101 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU050000.D
Acq: 28 Jul 2022 21:18

Instrument :
MSVOA_U
ClientSampleId :
DBUF3

Tgt Ion: 95 Resp: 19174

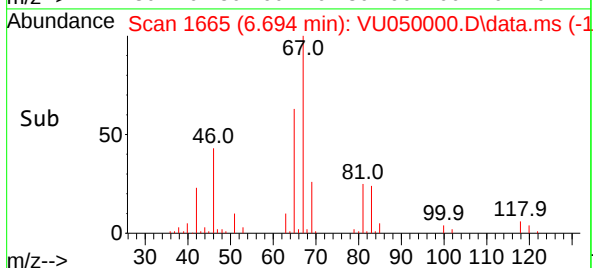
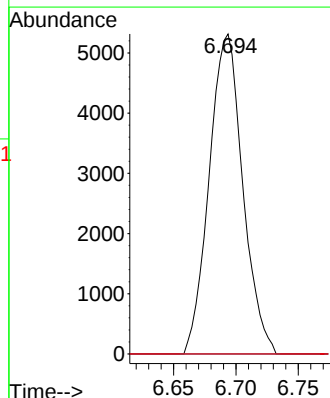
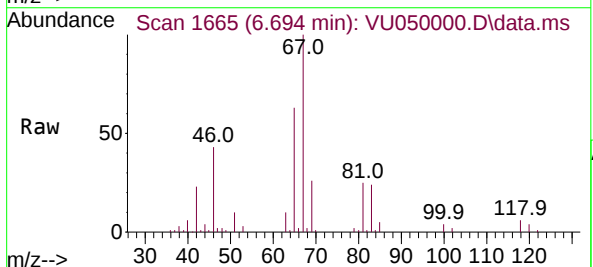
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.6	84.8
132	96.2	66.8	124.2
130	95.8	69.9	129.7

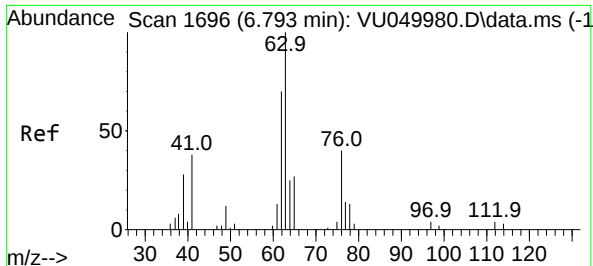


#35
Methylcyclohexane
Concen: 1.222 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.061 min
Lab File: VU050000.D
Acq: 28 Jul 2022 21:18

Tgt Ion: 83 Resp: 9965

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: 0.619 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU050000.D

Acq: 28 Jul 2022 21:18

Instrument :

MSVOA_U

ClientSampleId :

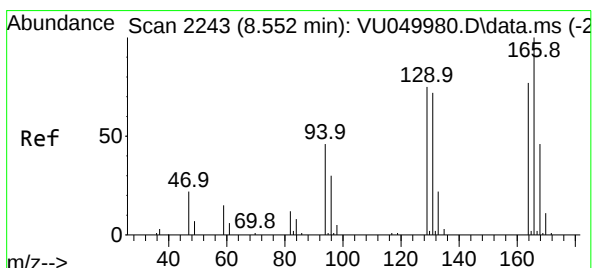
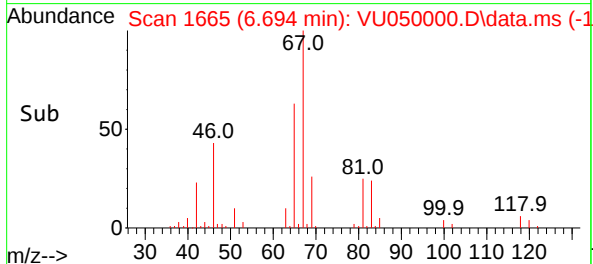
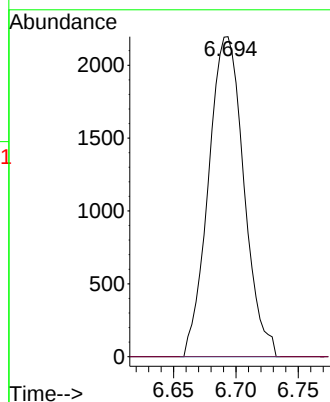
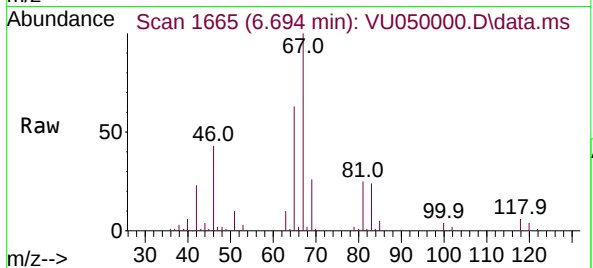
DBUF3

Tgt Ion: 63 Resp: 4339

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#47

Tetrachloroethene

Concen: 0.278 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050000.D

Acq: 28 Jul 2022 21:18

Tgt Ion: 164 Resp: 1238

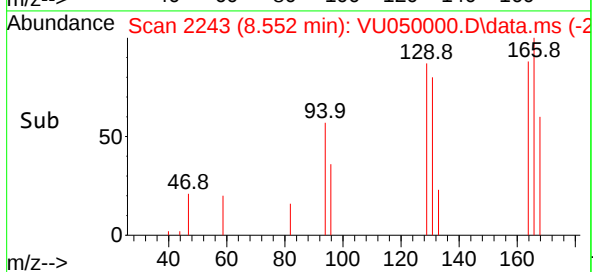
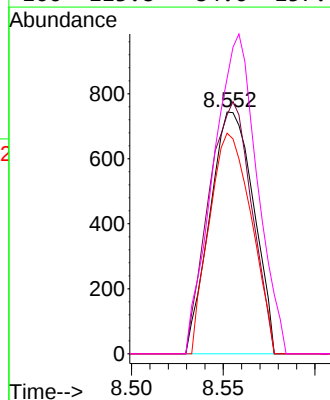
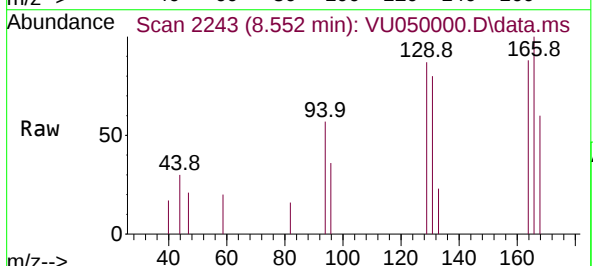
Ion Ratio Lower Upper

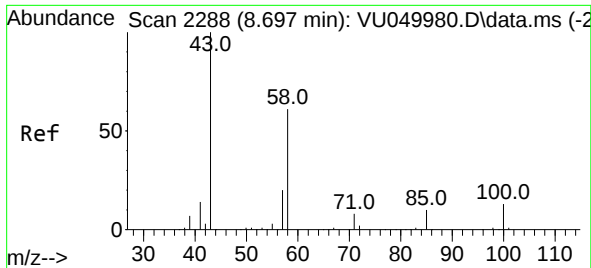
164 100

129 98.8 66.3 123.1

131 91.3 63.1 117.1

166 113.8 84.6 157.0

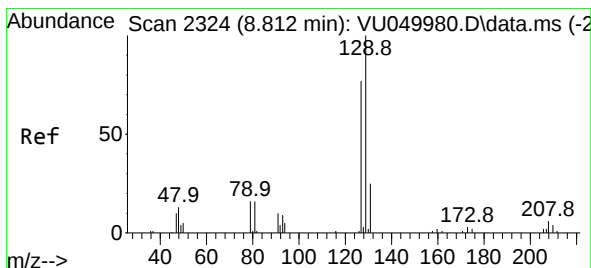
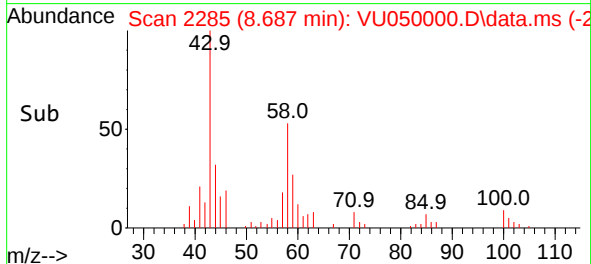
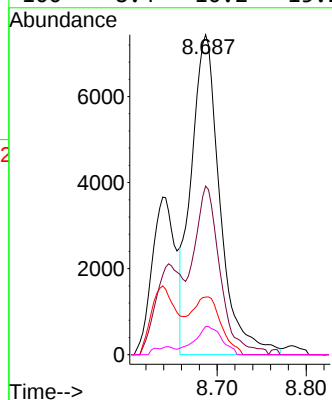
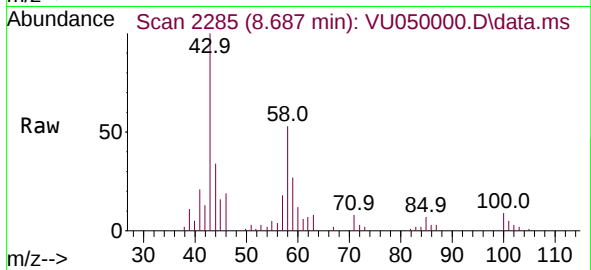




#48
2-Hexanone
Concen: 5.418 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.009 min
Lab File: VU050000.D
Acq: 28 Jul 2022 21:18

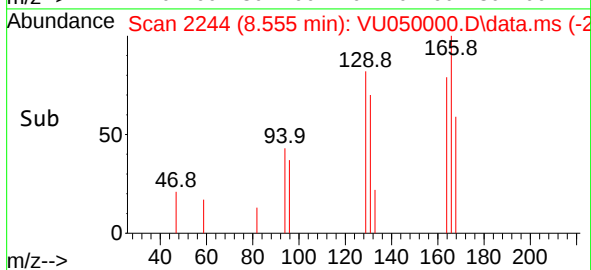
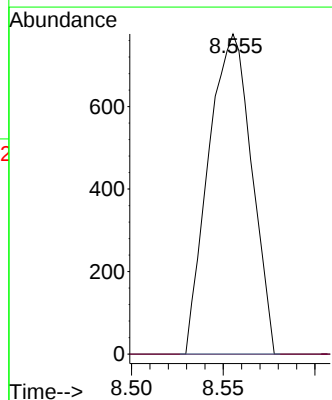
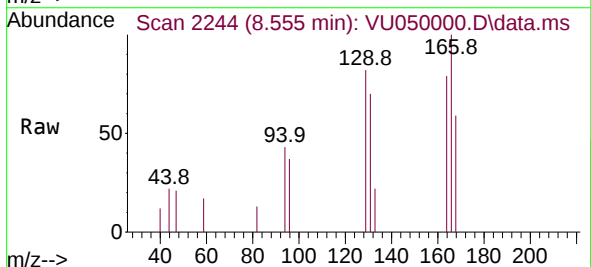
Instrument :
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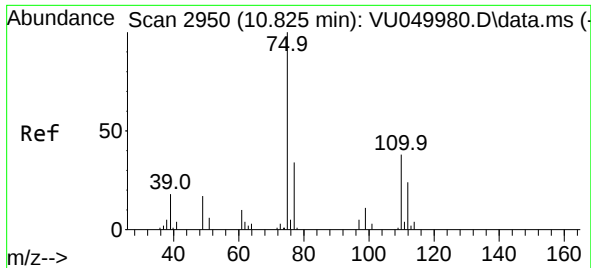
Tgt Ion:	43	Resp:	16728
Ion	Ratio	Lower	Upper
43	100		
58	47.6	49.4	74.0#
57	18.2	17.0	25.4
100	8.4	10.2	15.2#



#49
Dibromochloromethane
Concen: 0.221 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU050000.D
Acq: 28 Jul 2022 21:18

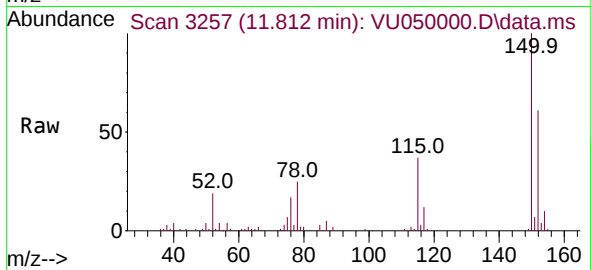
Tgt Ion:	129	Resp:	1269
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#





#61
 1,2,3-Trichloropropane
 Concen: 0.994 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU050000.D
 Acq: 28 Jul 2022 21:18

Instrument :
 MSVOA_U
 ClientSampleId :
 DBUF3



Tgt Ion: 75 Resp: 3971
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.1 42.1#
 77 33.2 24.7 37.1

