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 Data File : VU050011.D
 Acq On : 29 Jul 2022 02:13
 Operator : SY/MD
 Sample : N3879-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

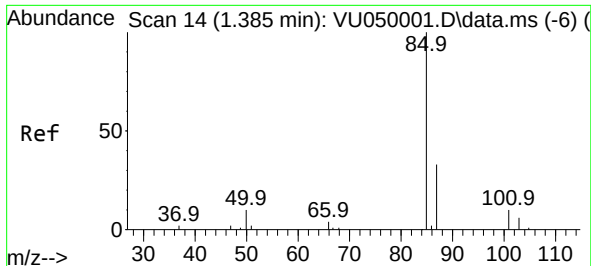
Instrument :
 MSVOA_U
 ClientSampleId :
 DBUH6

Quant Time: Jul 29 06:41:27 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	82539	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	82429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	31977	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29571	4.173	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.912	69	25581	5.025	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.600%	
11) 1,1-Dichloroethene-d2	2.565	65	10537	4.314	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.200%	
20) 2-Butanone-d5	4.633	46	87490	55.459	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.920%	
24) Chloroform-d	5.063	84	56979	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.200%	
26) 1,2-Dichloroethane-d4	5.703	65	30619	5.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.600%	
32) Benzene-d6	5.729	84	112532	4.620	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.694	67	39624	4.966	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.899	98	88357	4.081	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.600%	
43) trans-1,3-Dichloroprop...	8.182	79	12056	4.311	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.200%	
46) 2-Hexanone-d5	8.636	63	47515	45.385	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.760%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35190	5.249	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	30278	5.105	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1796	0.282	ug/L	98
3) Chloromethane	1.520	50	1511	0.200	ug/L	99
9) Trichlorofluoromethane	2.138	101	7492	0.897	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	267	0.054	ug/L #	21
34) Trichloroethene	6.543	95	7264	1.242	ug/L	93
35) Methylcyclohexane	6.690	83	8505	1.103	ug/L #	22
37) 1,2-Dichloropropane	6.690	63	3769	0.568	ug/L #	88
47) Tetrachloroethene	8.552	164	53683	12.755	ug/L	99
48) 2-Hexanone	8.687	43	16922	5.795	ug/L #	91
49) Dibromochloromethane	8.552	129	52558	9.695	ug/L #	10
51) Chlorobenzene	9.446	112	2070	0.133	ug/L	97
61) 1,2,3-Trichloropropane	11.812	75	4149	1.117	ug/L #	68

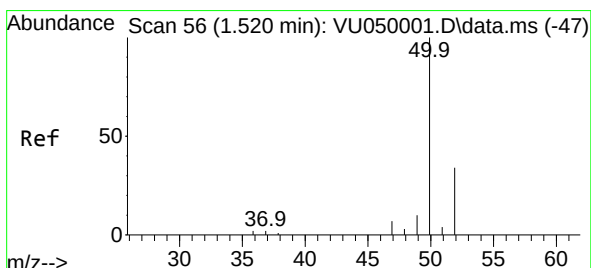
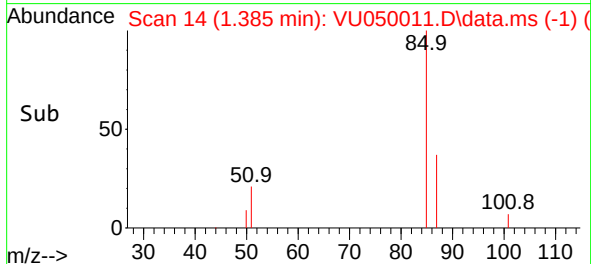
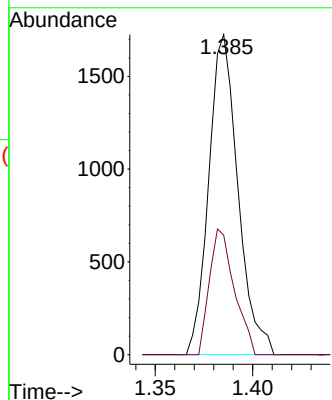
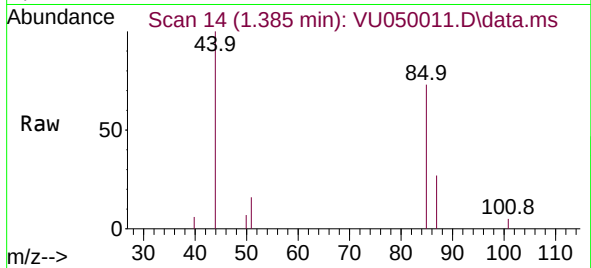
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.282 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

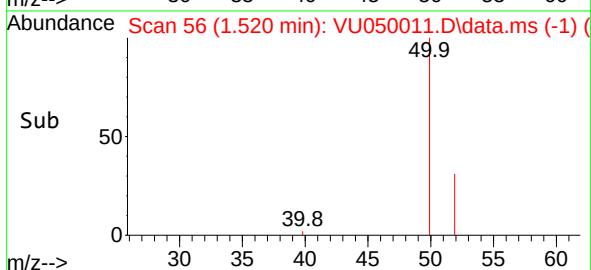
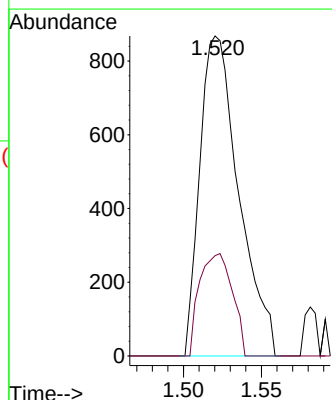
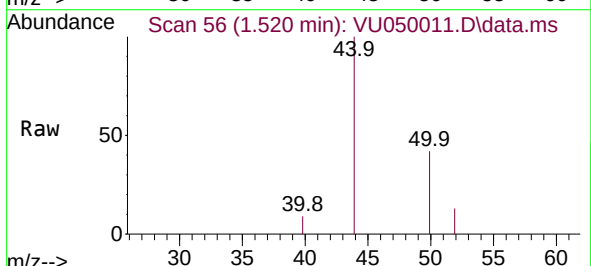
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MSVOA_U
ClientSampleId :
DBUH6

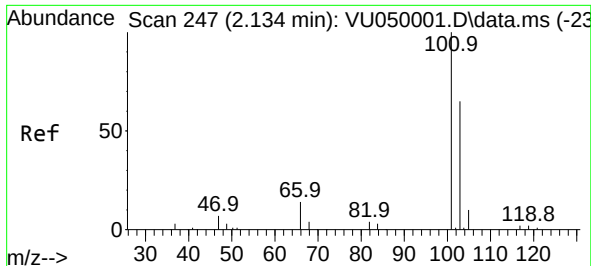
Tgt Ion: 85 Resp: 1796
Ion Ratio Lower Upper
85 100
87 33.4 25.7 38.5



#3
Chloromethane
Concen: 0.200 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

Tgt Ion: 50 Resp: 1511
Ion Ratio Lower Upper
50 100
52 31.3 22.4 41.6

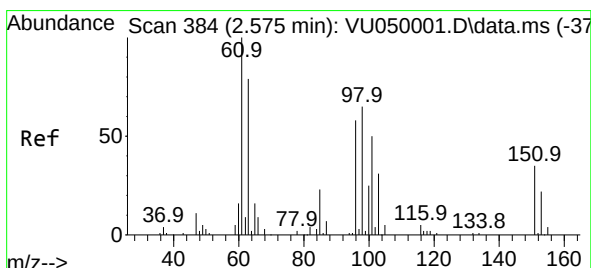
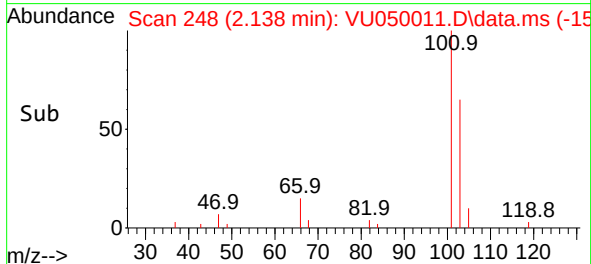
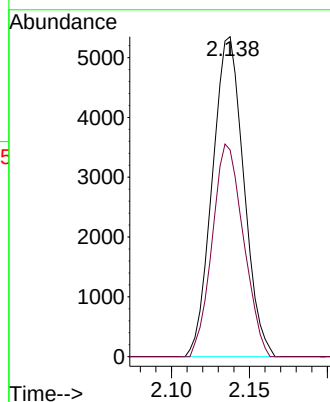
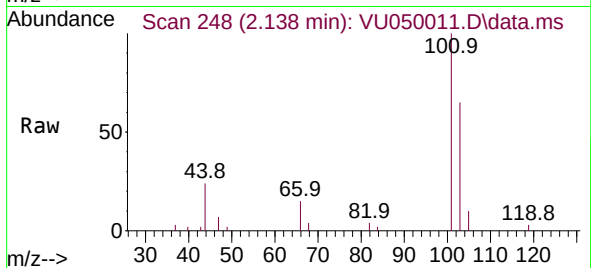




#9
Trichlorofluoromethane
Concen: 0.897 ug/L
RT: 2.138 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

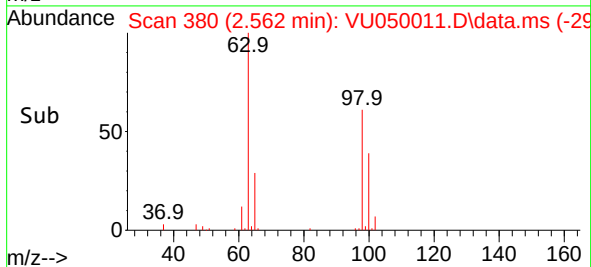
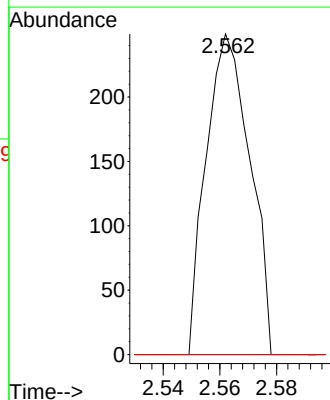
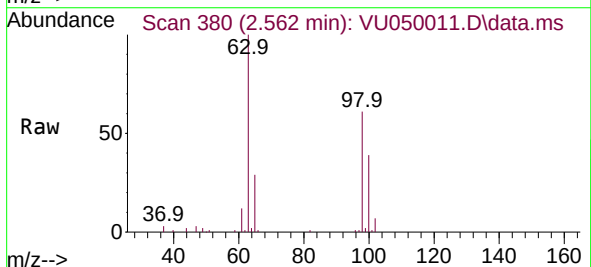
Instrument :
MSVOA_U
ClientSampleId :
DBUH6

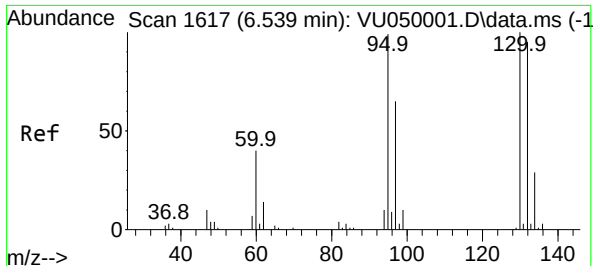
Tgt Ion:101 Resp: 7492
Ion Ratio Lower Upper
101 100
103 66.0 51.0 76.6



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

Tgt Ion:101 Resp: 267
Ion Ratio Lower Upper
101 100
85 0.0 34.1 51.1#
151 0.0 56.6 85.0#

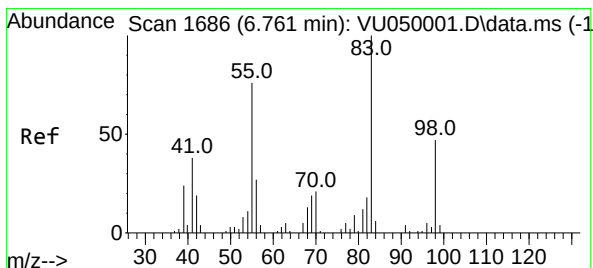
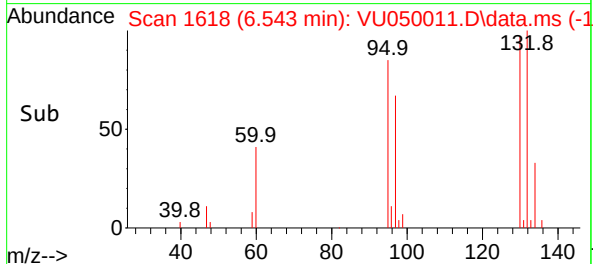
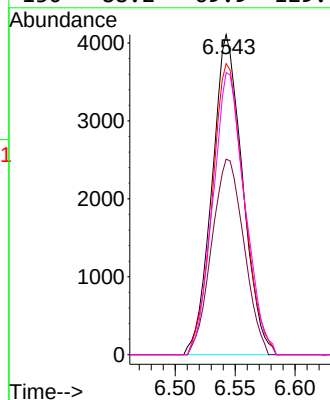
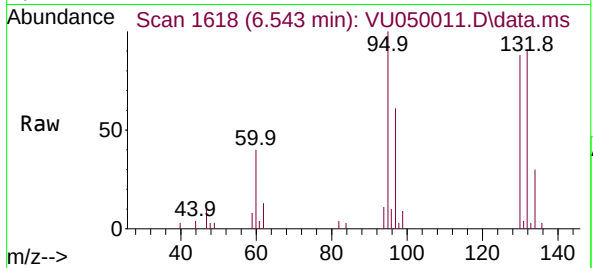




#34
Trichloroethene
Concen: 1.242 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

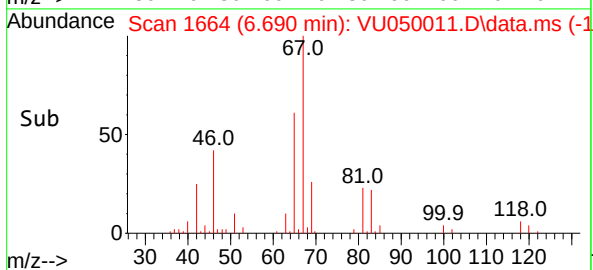
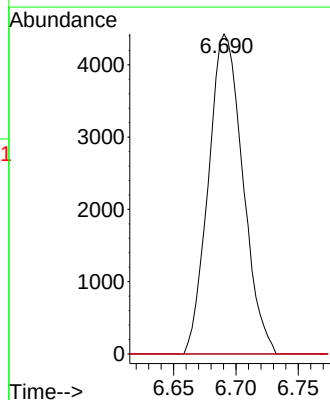
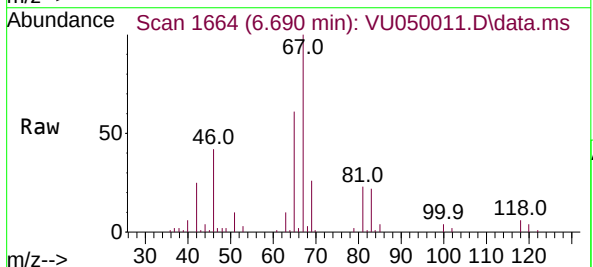
Instrument :
MSVOA_U
ClientSampleId :
DBUH6

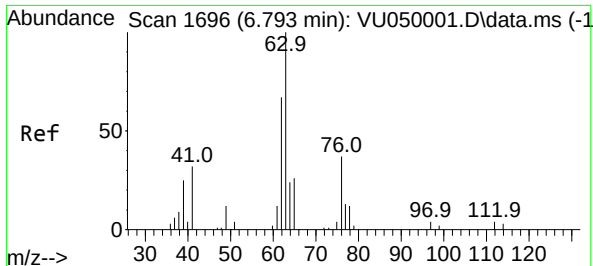
Tgt Ion: 95 Resp: 7264
Ion Ratio Lower Upper
95 100
97 61.1 45.6 84.8
132 91.0 66.8 124.2
130 88.2 69.9 129.7



#35
Methylcyclohexane
Concen: 1.103 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

Tgt Ion: 83 Resp: 8505
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 5.9 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.568 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU050011.D

Acq: 29 Jul 2022 02:13

Instrument :

MSVOA_U

ClientSampleId :

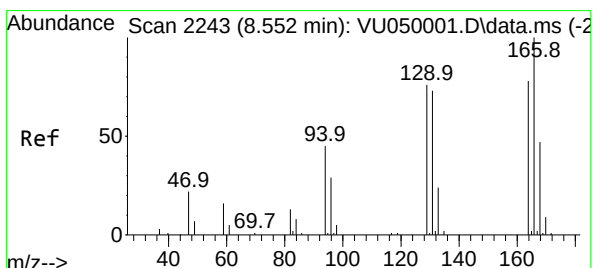
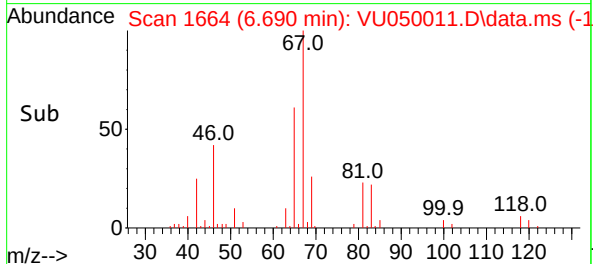
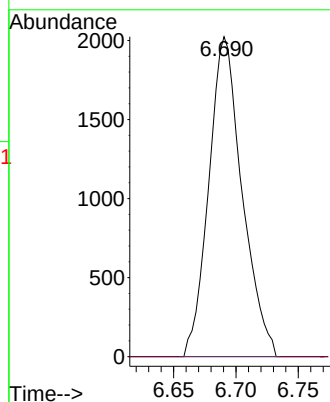
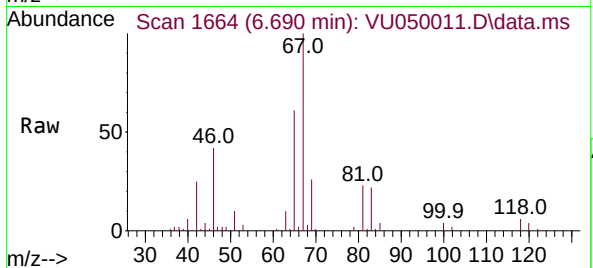
DBUH6

Tgt Ion: 63 Resp: 3769

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#47

Tetrachloroethene

Concen: 12.755 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050011.D

Acq: 29 Jul 2022 02:13

Tgt Ion: 164 Resp: 53683

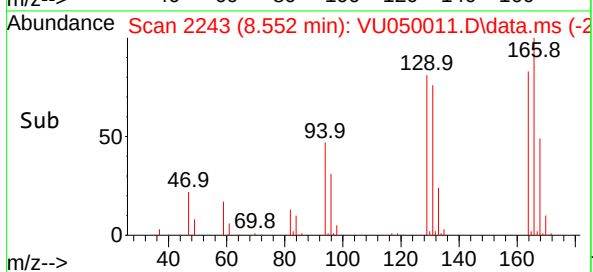
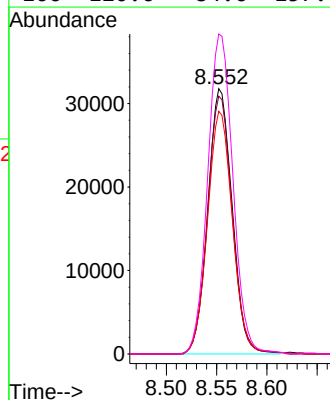
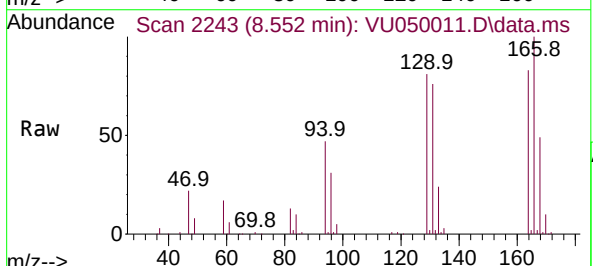
Ion Ratio Lower Upper

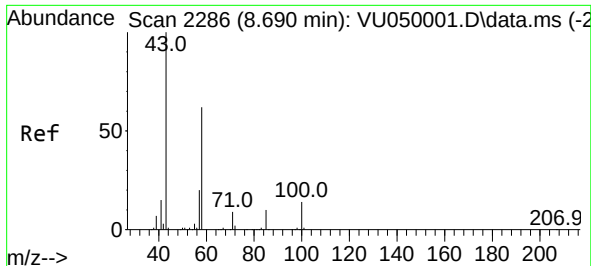
164 100

129 97.2 66.3 123.1

131 91.5 63.1 117.1

166 120.6 84.6 157.0

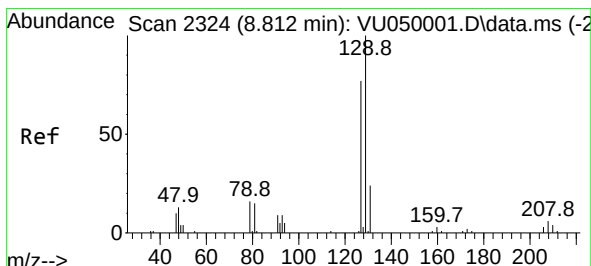
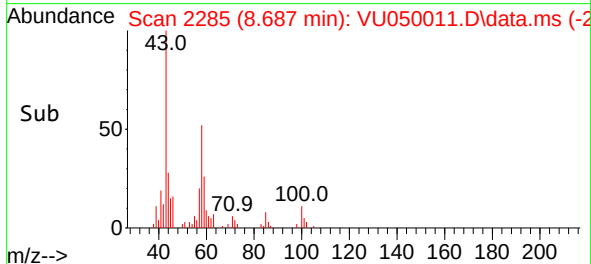
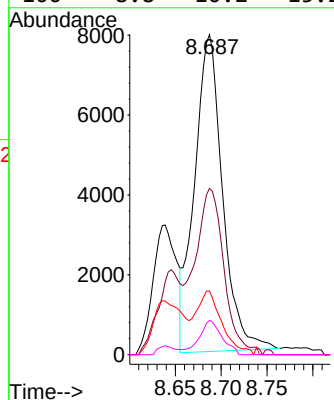
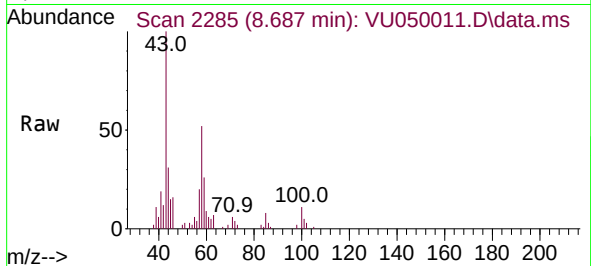




#48
2-Hexanone
Concen: 5.795 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

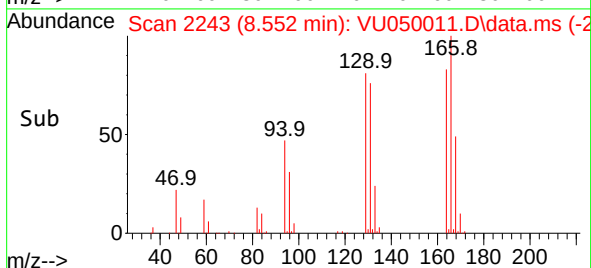
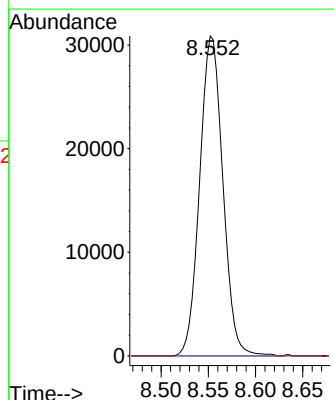
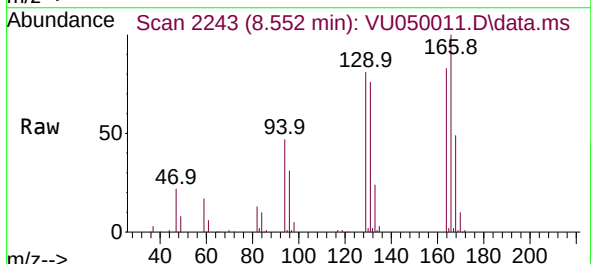
Instrument :
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ClientSampleId :
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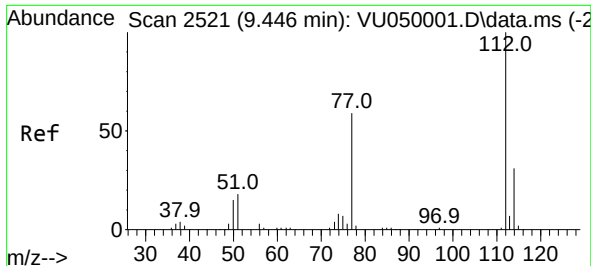
Tgt Ion: 43	Resp: 16922
Ion Ratio	Lower Upper
43 100	
58 54.5	49.4 74.0
57 18.6	17.0 25.4
100 8.8	10.2 15.2#



#49
Dibromochloromethane
Concen: 9.695 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

Tgt Ion:129	Resp: 52558		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	54.5	101.1#	

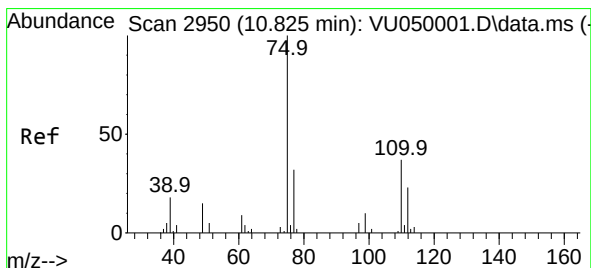
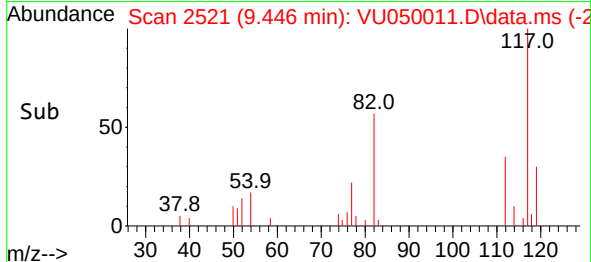
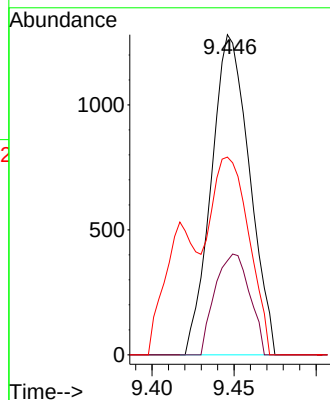
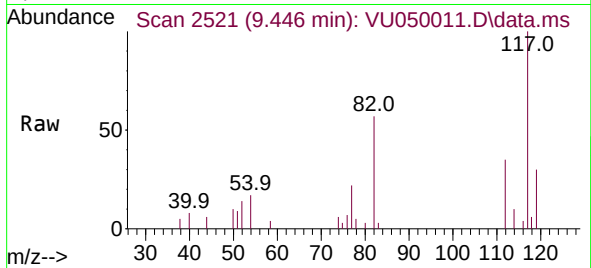




#51
Chlorobenzene
Concen: 0.133 ug/L
RT: 9.446 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

Instrument :
MSVOA_U
ClientSampleId :
DBUH6

Tgt Ion:	112	Resp:	2070
Ion Ratio	Lower	Upper	
112	100		
114	29.4	22.4	41.6
77	61.7	48.2	72.4



#61
1,2,3-Trichloropropane
Concen: 1.117 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU050011.D
Acq: 29 Jul 2022 02:13

Tgt Ion:	75	Resp:	4149
Ion Ratio	Lower	Upper	
75	100		
110	1.0	28.1	42.1#
77	30.1	24.7	37.1

