

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050141.D
 Acq On : 08 Aug 2022 17:40
 Operator : SY/MD
 Sample : N4027-16DL 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJH9DL

Quant Time: Aug 09 01:58:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

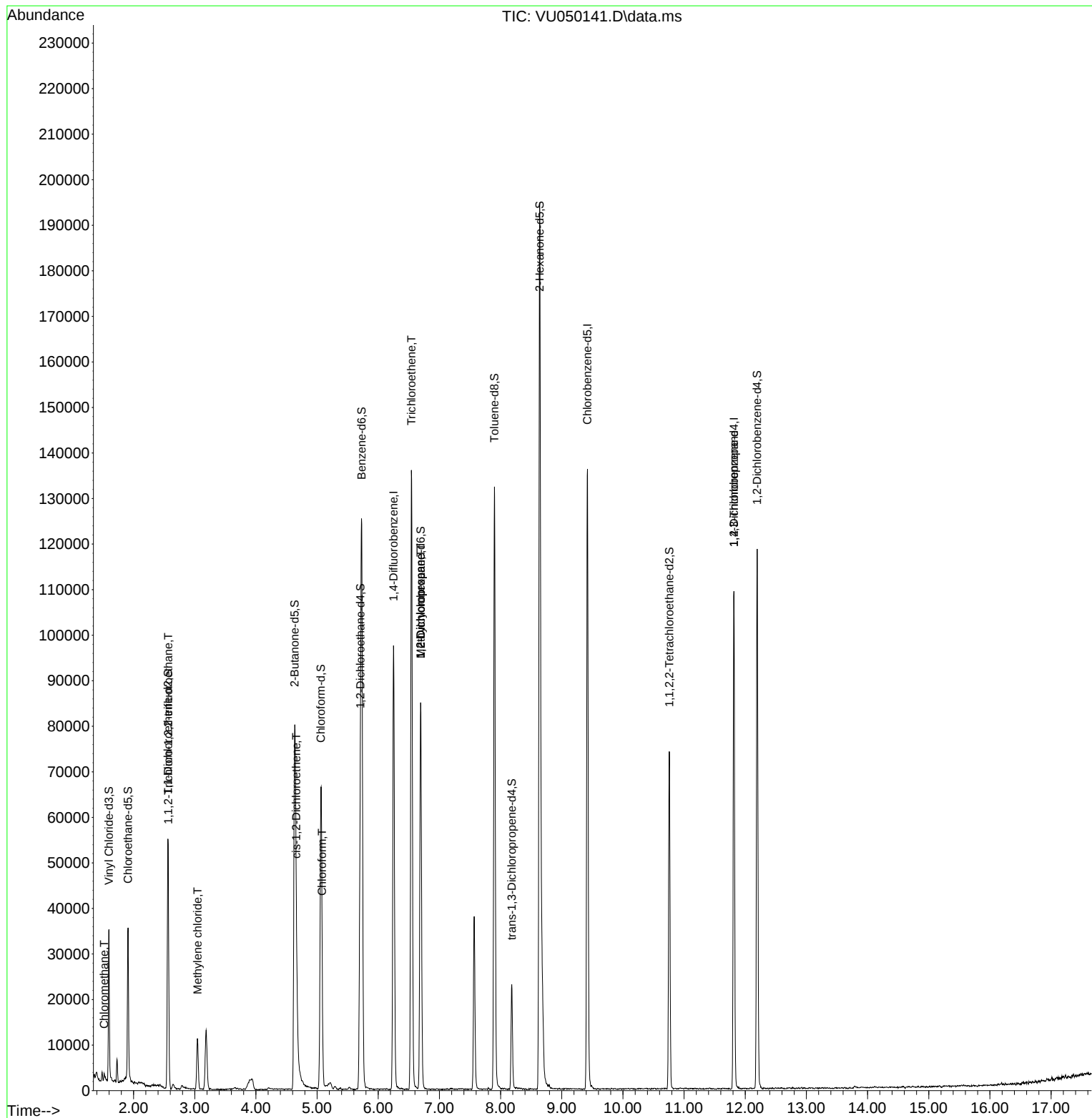
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	79650	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	79178	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	30522	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	24816	3.744	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.909	69	23650	4.422	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.400%	
11) 1,1-Dichloroethene-d2	2.562	65	10575	4.082	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.600%	
20) 2-Butanone-d5	4.632	46	102895	63.656	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.320%	
24) Chloroform-d	5.063	84	64238	5.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.706	65	34834	5.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
32) Benzene-d6	5.729	84	117689	4.763	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.693	67	43569	5.355	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.000%	
41) Toluene-d8	7.899	98	92595	4.243	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
43) trans-1,3-Dichloroprop...	8.182	79	14287	4.900	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.000%	
46) 2-Hexanone-d5	8.639	63	61135	59.126	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	118.260%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38944	5.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	32075	5.364	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.200%	
Target Compounds						
3) Chloromethane	1.520	50	1371	0.144	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	281	0.054	ug/L #	22
16) Methylene chloride	3.044	84	5379	0.639	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	700	0.102	ug/L	90
25) Chloroform	5.083	83	380	0.031	ug/L	80
34) Trichloroethene	6.542	95	48862	7.283	ug/L	98
35) Methylcyclohexane	6.693	83	9756	1.126	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4306	0.583	ug/L #	89
61) 1,2,3-Trichloropropane	11.815	75	3462	0.833	ug/L #	67

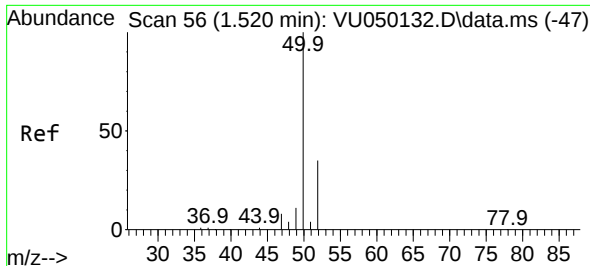
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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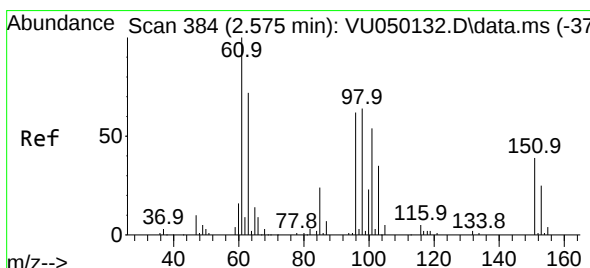
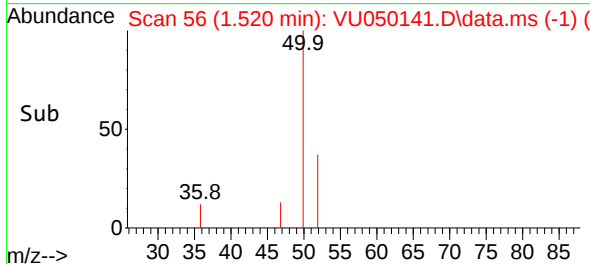
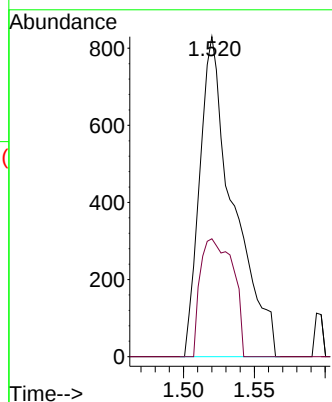
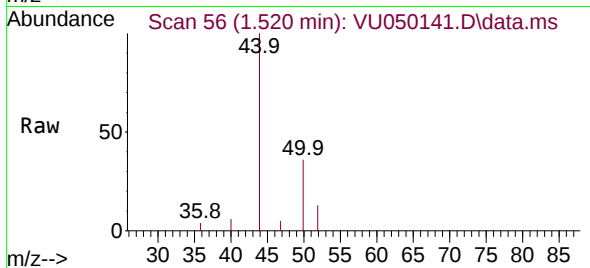




#3
Chloromethane
Concen: 0.144 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU050141.D
Acq: 08 Aug 2022 17:40

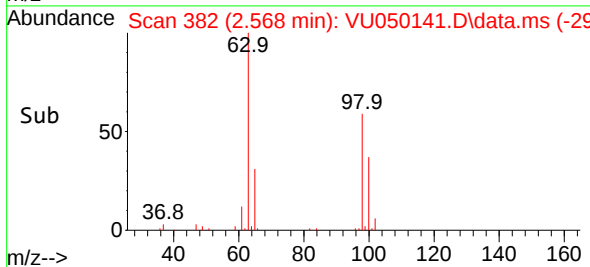
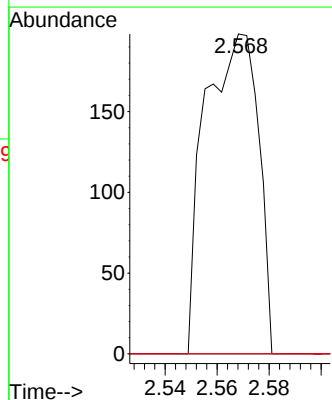
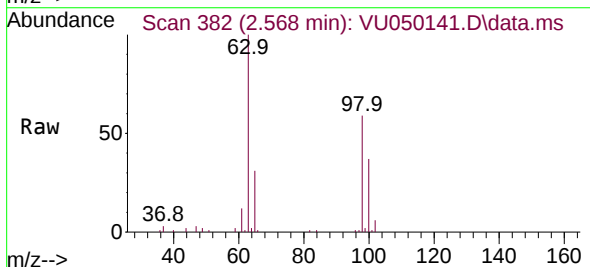
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MSVOA_U
ClientSampleId :
GBJH9DL

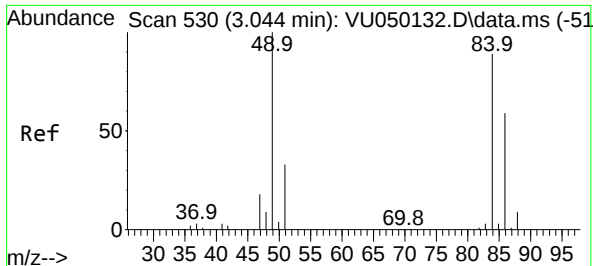
Tgt Ion: 50 Resp: 1371
Ion Ratio Lower Upper
50 100
52 36.9 23.2 43.2



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.007 min
Lab File: VU050141.D
Acq: 08 Aug 2022 17:40

Tgt Ion: 101 Resp: 281
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 55.2 82.8#

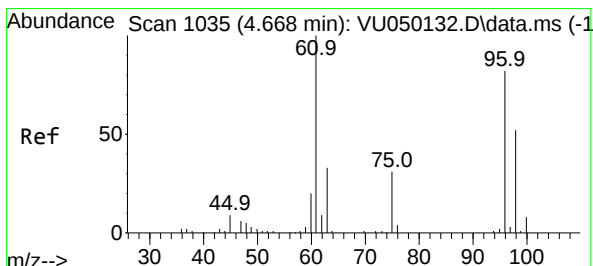
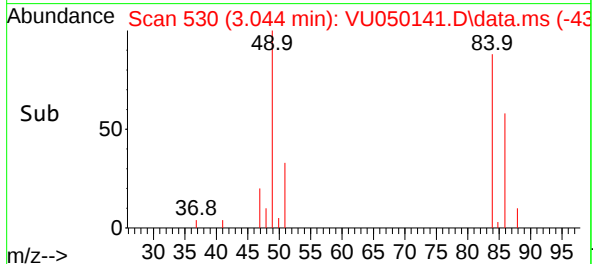
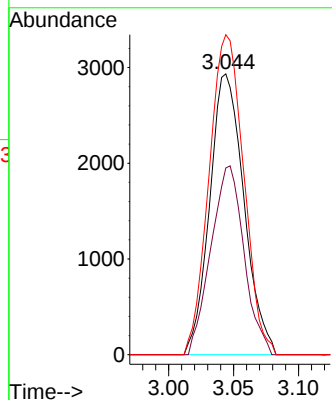
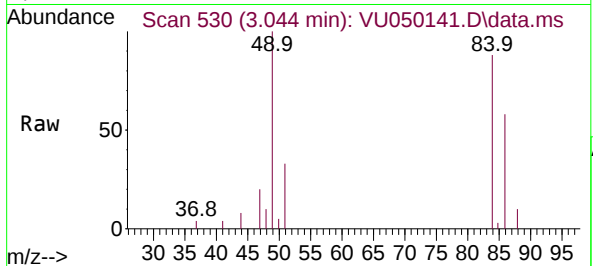




#16
Methylene chloride
Concen: 0.639 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU050141.D
Acq: 08 Aug 2022 17:40

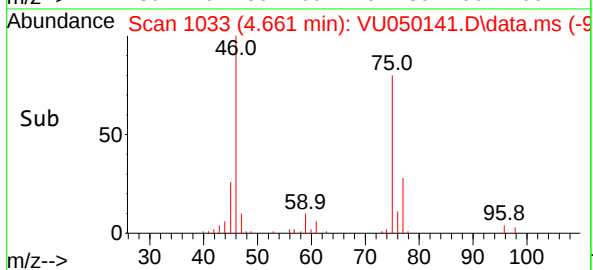
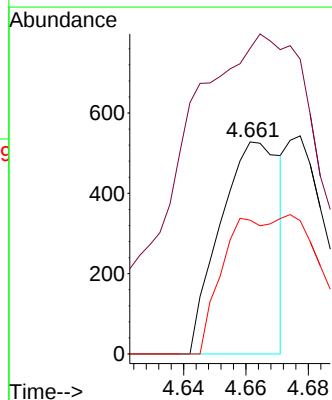
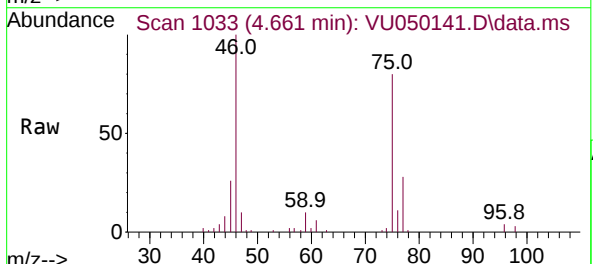
Instrument :
MSVOA_U
ClientSampleId :
GBJH9DL

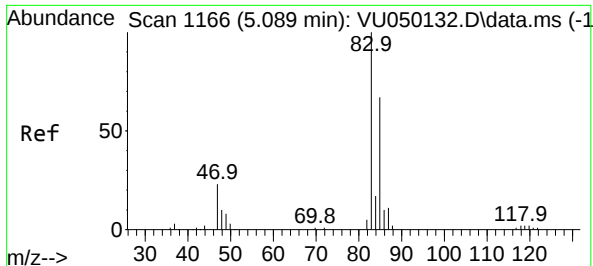
Tgt Ion: 84 Resp: 5379
Ion Ratio Lower Upper
84 100
86 66.5 45.9 85.3
49 113.9 77.6 144.0



#22
cis-1,2-Dichloroethene
Concen: 0.102 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.007 min
Lab File: VU050141.D
Acq: 08 Aug 2022 17:40

Tgt Ion: 96 Resp: 700
Ion Ratio Lower Upper
96 100
61 144.1 89.0 165.4
98 63.1 45.2 84.0





#25

Chloroform

Concen: 0.031 ug/L

RT: 5.083 min Scan# 1166

Delta R.T. -0.007 min

Lab File: VU050141.D

Acq: 08 Aug 2022 17:40

Instrument :

MSVOA_U

ClientSampleId :

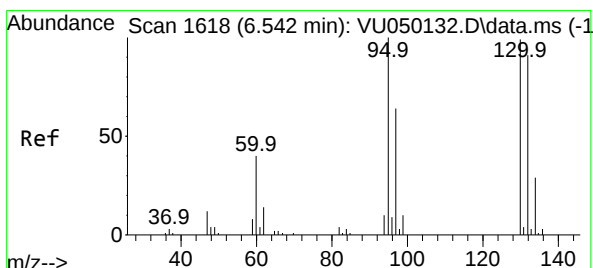
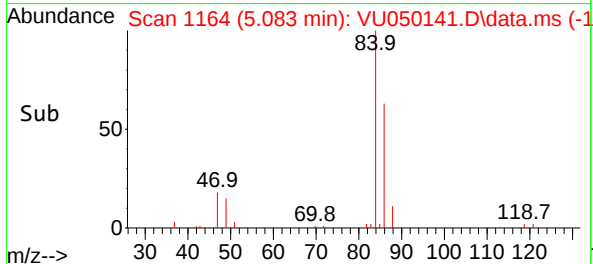
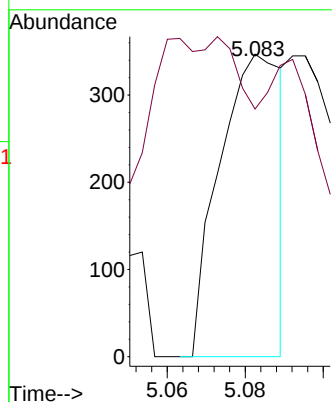
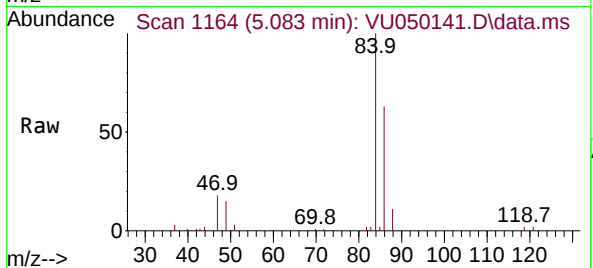
GBJH9DL

Tgt Ion: 83 Resp: 380

Ion Ratio Lower Upper

83 100

85 81.8 46.1 85.5



#34

Trichloroethene

Concen: 7.283 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU050141.D

Acq: 08 Aug 2022 17:40

Tgt Ion: 95 Resp: 48862

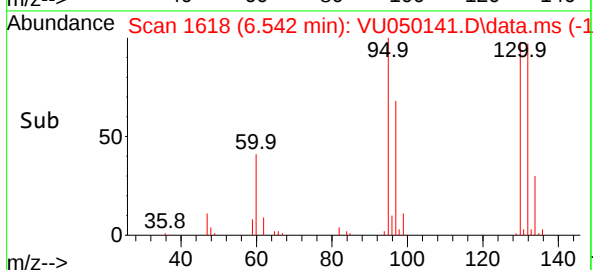
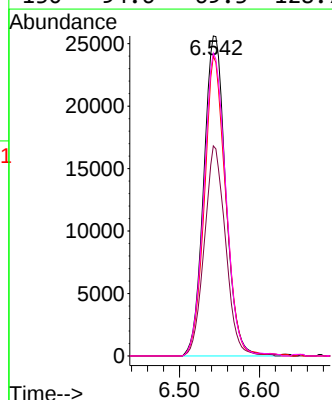
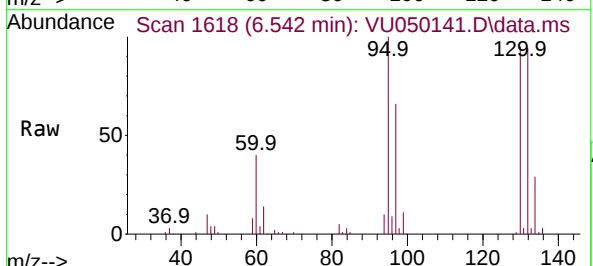
Ion Ratio Lower Upper

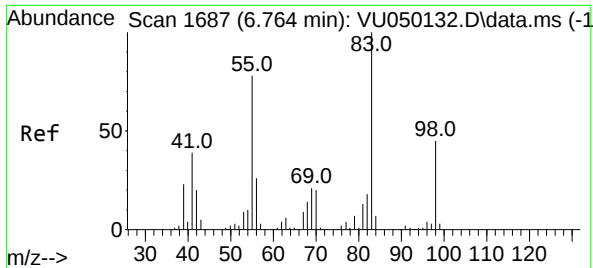
95 100

97 65.6 45.6 84.8

132 93.7 65.0 120.6

130 94.6 69.3 128.7

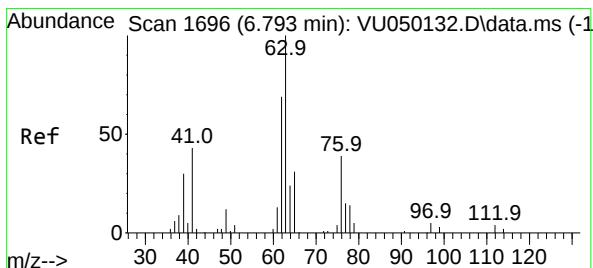
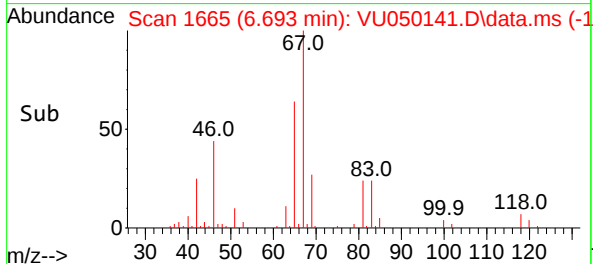
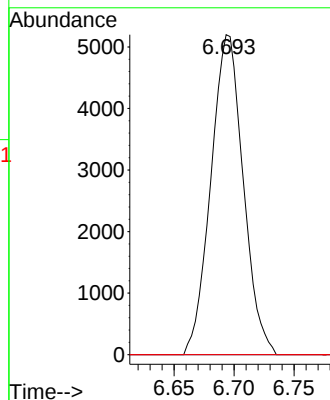
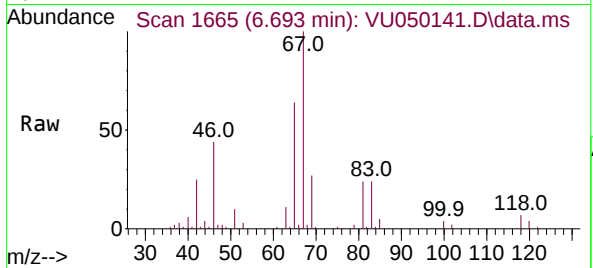




#35
Methylcyclohexane
Concen: 1.126 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.071 min
Lab File: VU050141.D
Acq: 08 Aug 2022 17:40

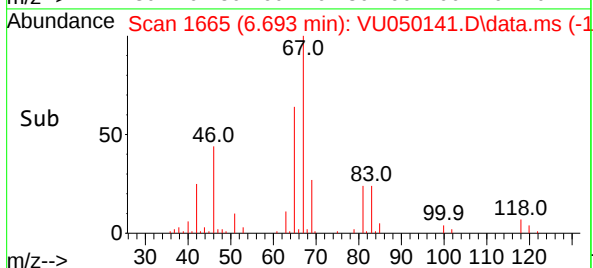
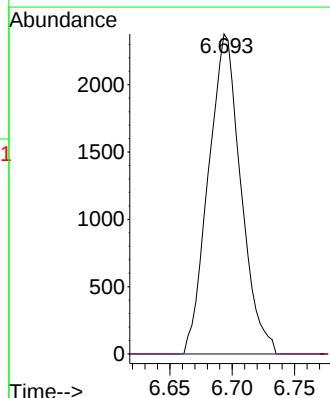
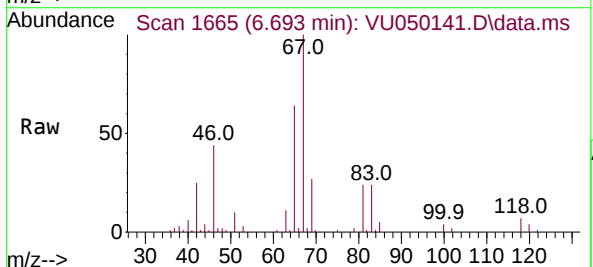
Instrument :
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ClientSampleId :
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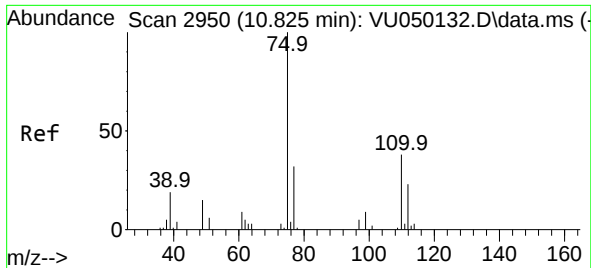
Tgt Ion: 83 Resp: 9756
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 1.2 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.583 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU050141.D
Acq: 08 Aug 2022 17:40

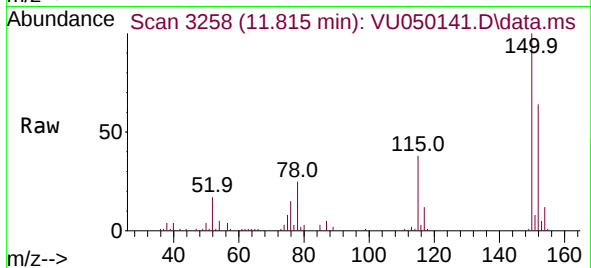
Tgt Ion: 63 Resp: 4306
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#61
 1,2,3-Trichloropropane
 Concen: 0.833 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU050141.D
 Acq: 08 Aug 2022 17:40

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Tgt Ion: 75 Resp: 3462
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.5 42.7#
 77 33.2 25.8 38.6

