

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049966.D
 Acq On : 27 Jul 2022 23:29
 Operator : SY/MD
 Sample : N3870-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01

Quant Time: Jul 28 03:51:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

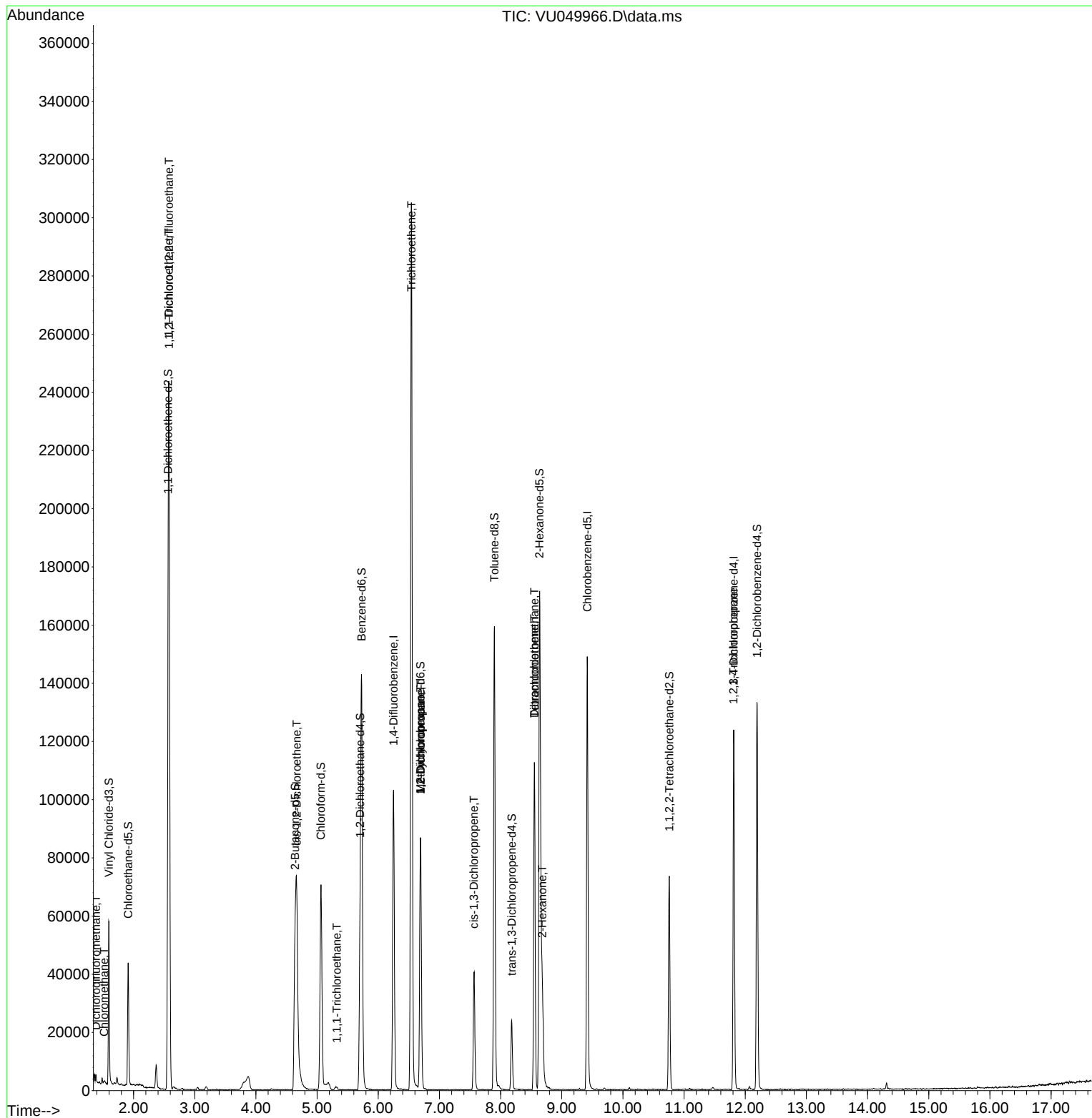
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	39502	5.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 105.600%	
7) Chloroethane-d5	1.912	69	30675	5.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 114.200%	
11) 1,1-Dichloroethene-d2	2.565	65	14324	5.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 111.200%	
20) 2-Butanone-d5	4.642	46	103171	61.950	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 123.900%	
24) Chloroform-d	5.063	84	67364	5.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.800%	
26) 1,2-Dichloroethane-d4	5.703	65	34947	5.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.000%	
32) Benzene-d6	5.729	84	136799	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.400%	
36) 1,2-Dichloropropane-d6	6.690	67	46734	5.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 111.000%	
41) Toluene-d8	7.899	98	112510	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 98.400%	
43) trans-1,3-Dichloroprop...	8.182	79	15068	5.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 102.000%	
46) 2-Hexanone-d5	8.635	63	56939	51.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 103.020%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38775	5.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 109.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	36852	5.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 116.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	1736	0.258	ug/L	92
3) Chloromethane	1.520	50	1288	0.162	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	81059	15.608	ug/L	97
12) 1,1-Dichloroethene	2.575	96	3299	0.686	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	21697	3.434	ug/L	98
29) 1,1,1-Trichloroethane	5.320	97	921	0.100	ug/L #	87
34) Trichloroethene	6.542	95	109068	17.665	ug/L	98
35) Methylcyclohexane	6.690	83	10064	1.236	ug/L #	21
37) 1,2-Dichloropropane	6.693	63	4625	0.661	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1039	0.115	ug/L #	49
47) Tetrachloroethene	8.552	164	24879	5.599	ug/L	93
48) 2-Hexanone	8.684	43	17135	5.557	ug/L #	91
49) Dibromochloromethane	8.552	129	25114	4.388	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	4260	1.075	ug/L #	67

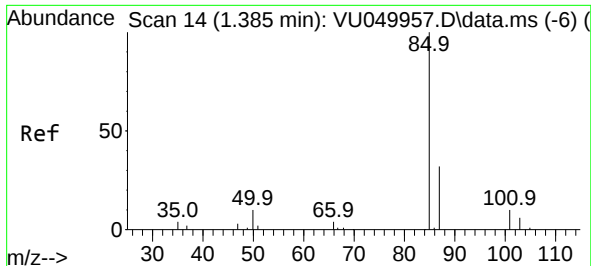
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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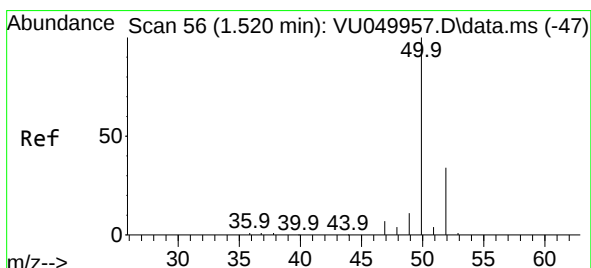
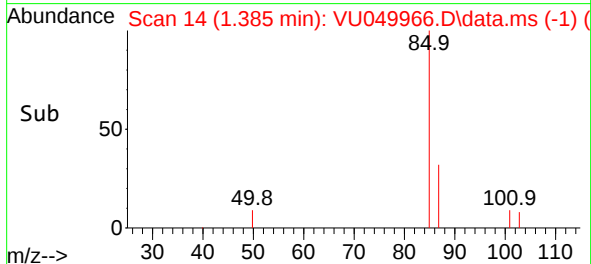
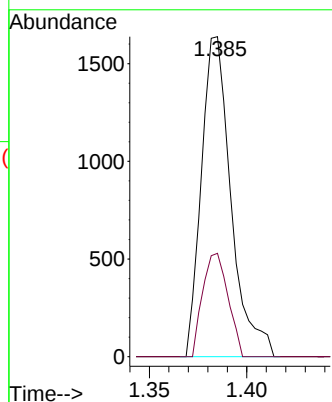
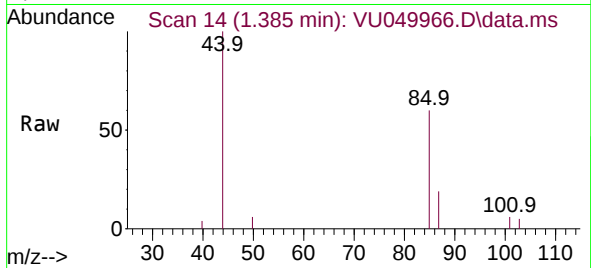




#2
Dichlorodifluoromethane
Concen: 0.258 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

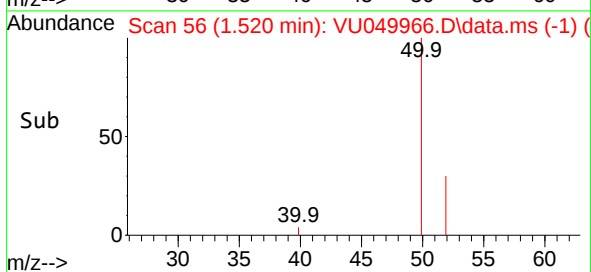
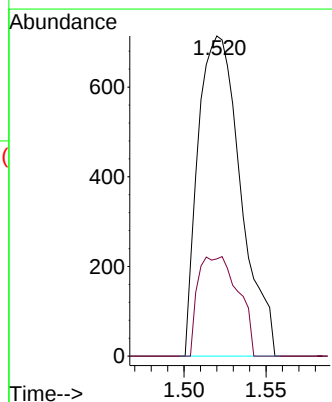
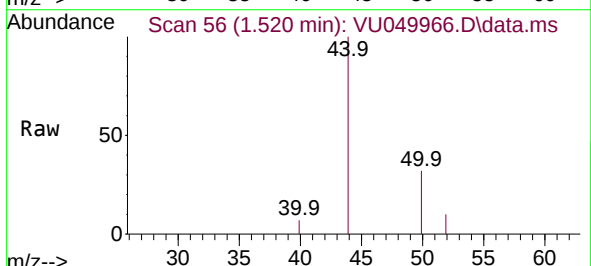
Instrument :
MSVOA_U
ClientSampleId :
GBJ01

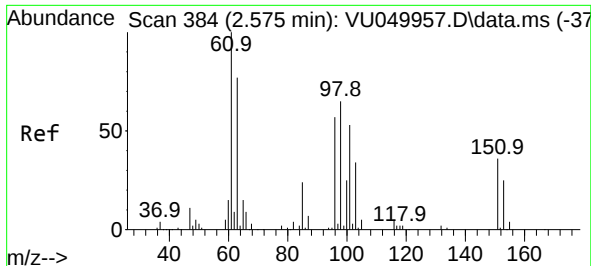
Tgt Ion: 85 Resp: 1736
Ion Ratio Lower Upper
85 100
87 27.5 25.7 38.5



#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

Tgt Ion: 50 Resp: 1288
Ion Ratio Lower Upper
50 100
52 30.4 22.4 41.6





#10

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

Concen: 15.608 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU049966.D

Acq: 27 Jul 2022 23:29

Instrument :

MSVOA_U

ClientSampleId :

GBJ01

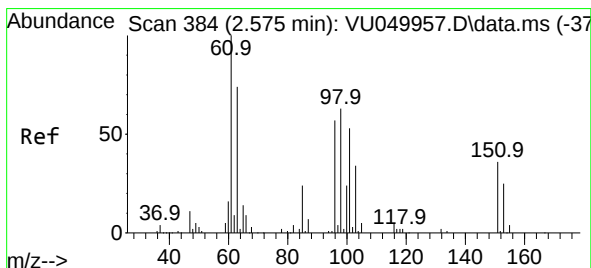
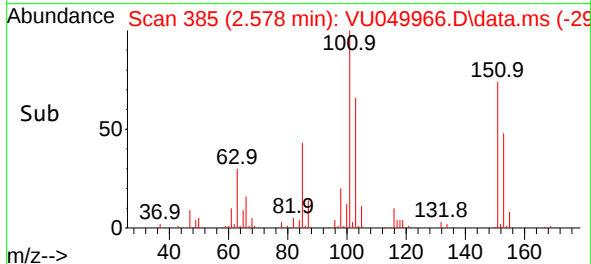
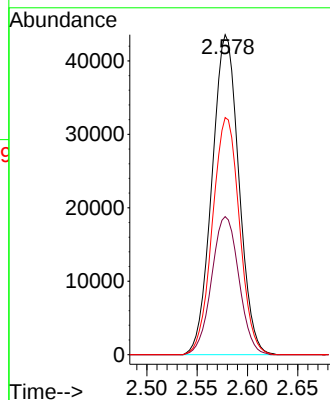
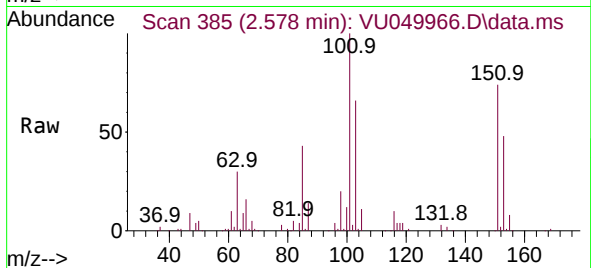
Tgt Ion:101 Resp: 81059

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

151 74.4 56.6 85.0



#12

1,1-Dichloroethene

Concen: 0.686 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU049966.D

Acq: 27 Jul 2022 23:29

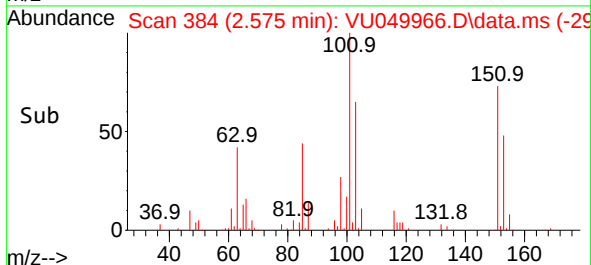
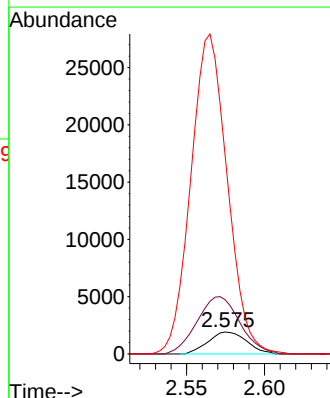
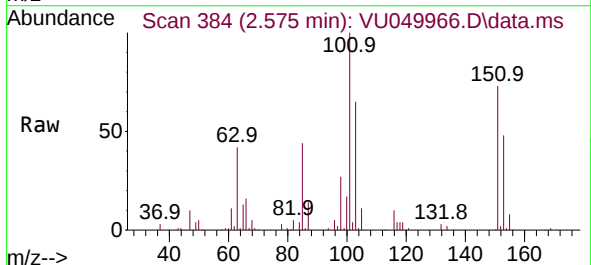
Tgt Ion: 96 Resp: 3299

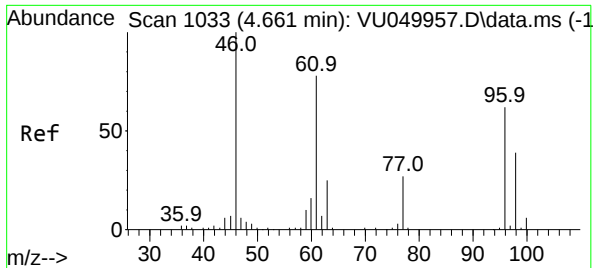
Ion Ratio Lower Upper

96 100

61 247.3 115.7 214.9#

63 909.7 84.8 157.4#

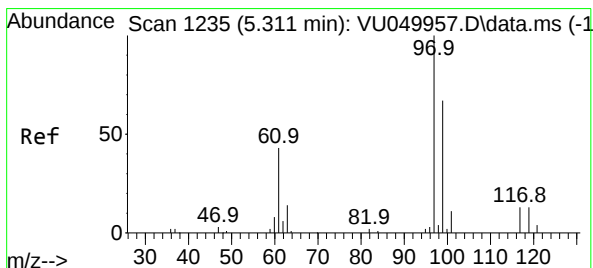
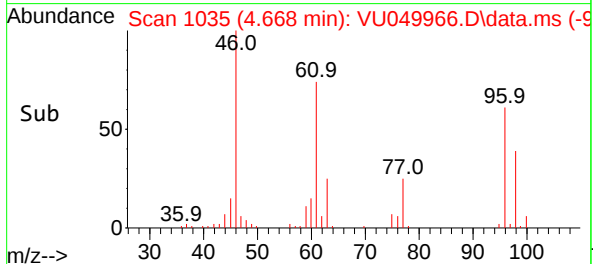
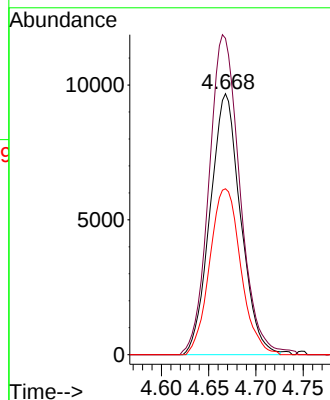
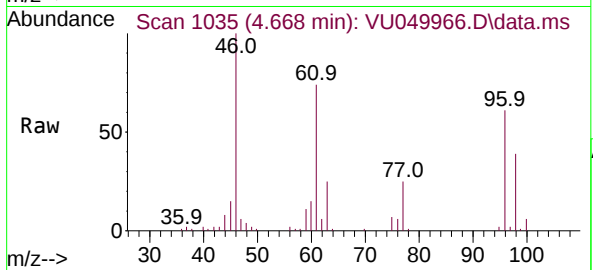




#22
 cis-1,2-Dichloroethene
 Concen: 3.434 ug/L
 RT: 4.668 min Scan# 1033
 Delta R.T. 0.006 min
 Lab File: VU049966.D
 Acq: 27 Jul 2022 23:29

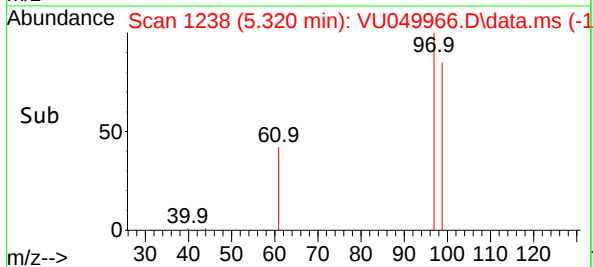
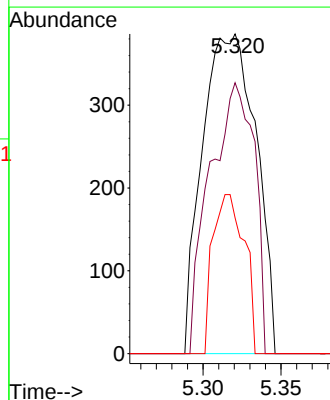
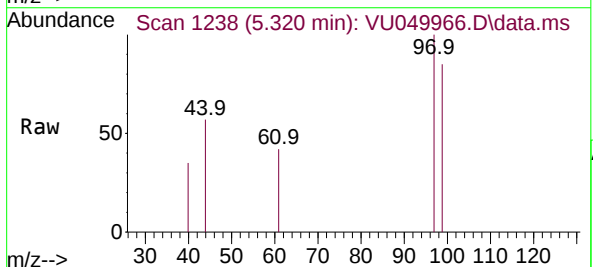
Instrument :
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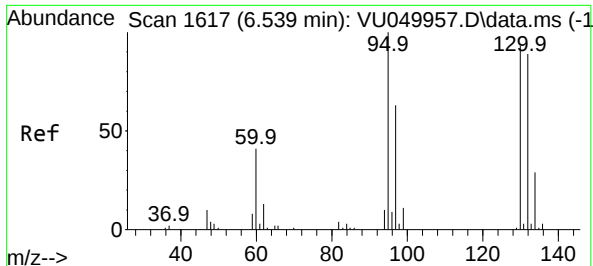
Tgt Ion: 96 Resp: 21697
 Ion Ratio Lower Upper
 96 100
 61 121.3 87.2 161.9
 98 63.6 44.7 83.1



#29
 1,1,1-Trichloroethane
 Concen: 0.100 ug/L
 RT: 5.320 min Scan# 1238
 Delta R.T. 0.010 min
 Lab File: VU049966.D
 Acq: 27 Jul 2022 23:29

Tgt Ion: 97 Resp: 921
 Ion Ratio Lower Upper
 97 100
 99 70.5 52.0 78.0
 61 29.3 35.0 52.6#

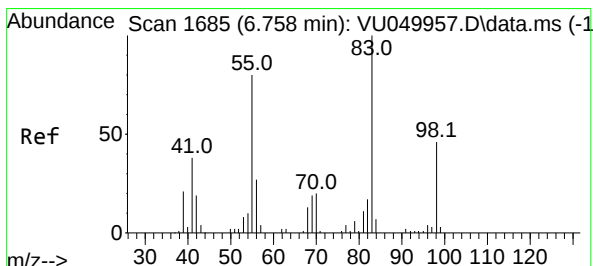
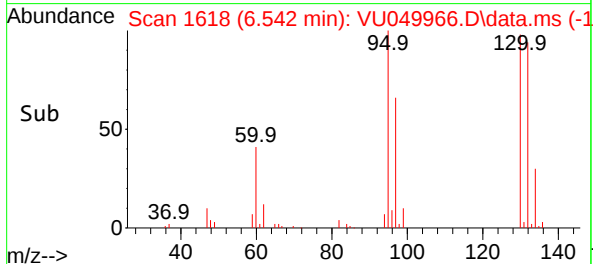
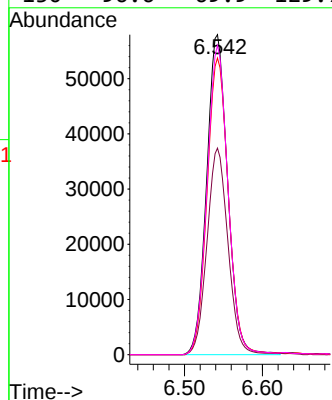
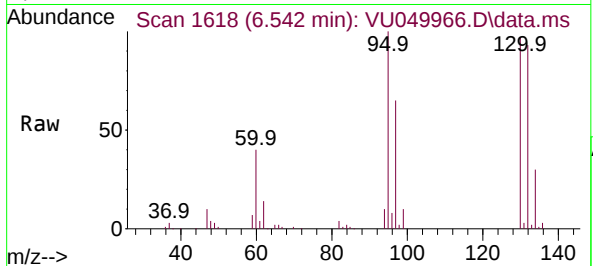




#34
Trichloroethene
Concen: 17.665 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

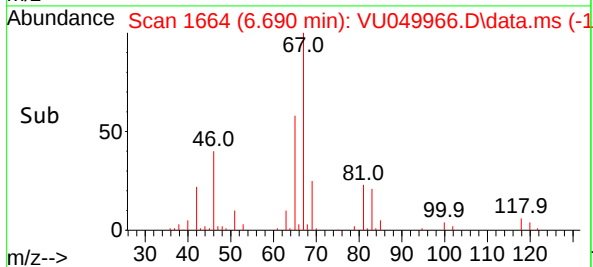
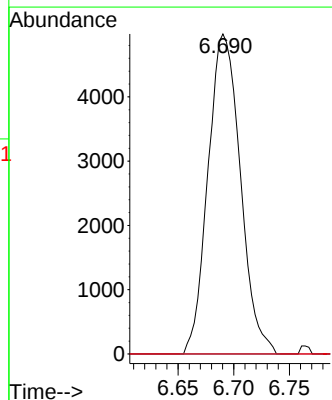
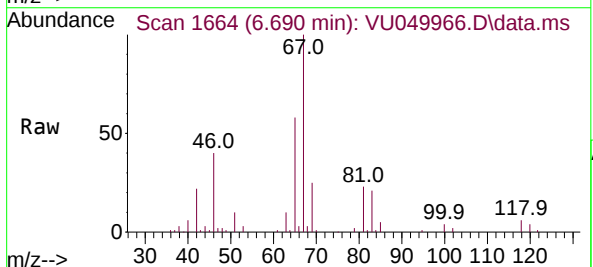
Instrument :
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ClientSampleId :
GBJ01

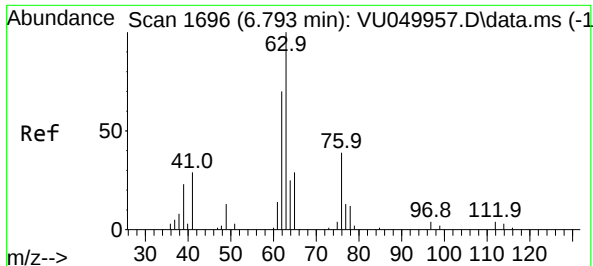
Tgt Ion: 95 Resp: 109068
Ion Ratio Lower Upper
95 100
97 64.5 45.6 84.8
132 92.7 66.8 124.2
130 96.6 69.9 129.7



#35
Methylcyclohexane
Concen: 1.236 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.068 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

Tgt Ion: 83 Resp: 10064
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 4.3 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.661 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU049966.D

Acq: 27 Jul 2022 23:29

Instrument :

MSVOA_U

ClientSampleId :

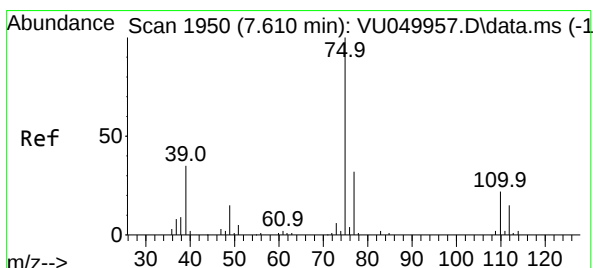
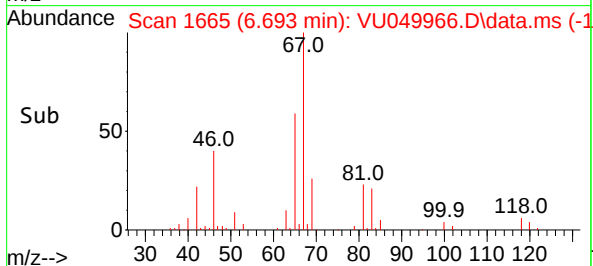
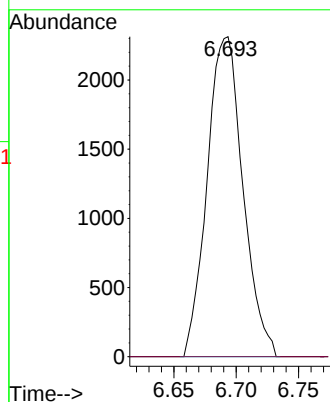
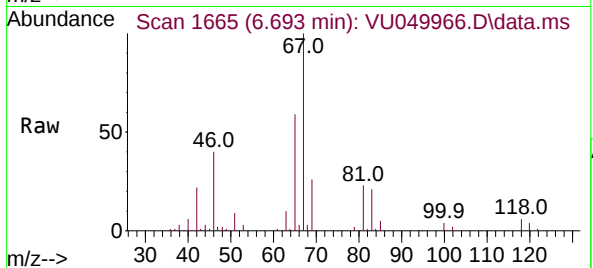
GBJ01

Tgt Ion: 63 Resp: 4625

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU049966.D

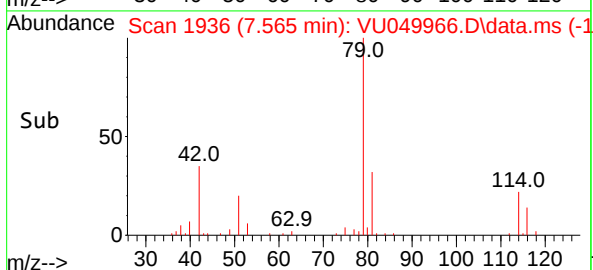
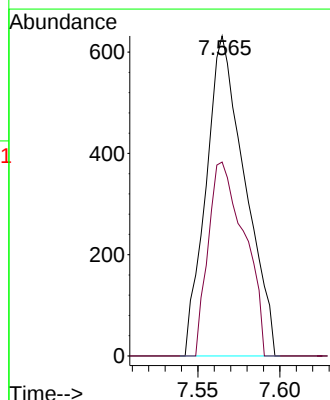
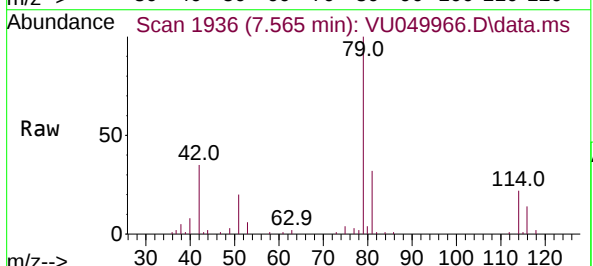
Acq: 27 Jul 2022 23:29

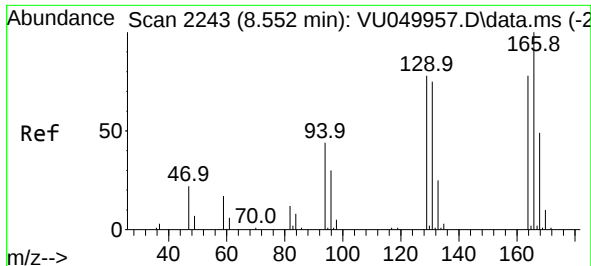
Tgt Ion: 75 Resp: 1039

Ion Ratio Lower Upper

75 100

77 60.6 22.5 41.9#





#47

Tetrachloroethene

Concen: 5.599 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049966.D

Acq: 27 Jul 2022 23:29

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion:164 Resp: 24879

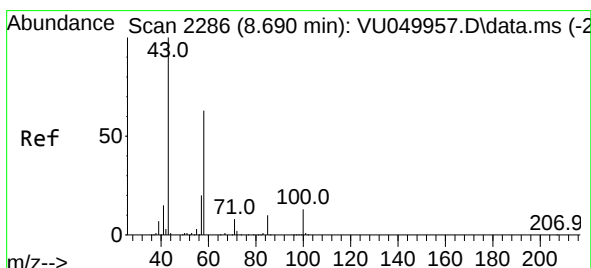
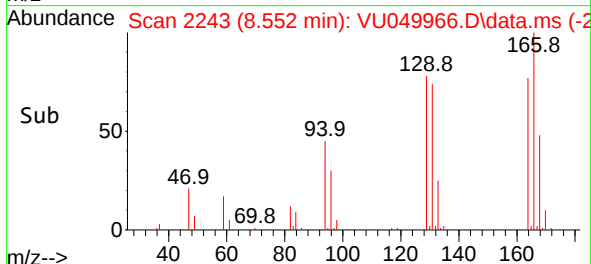
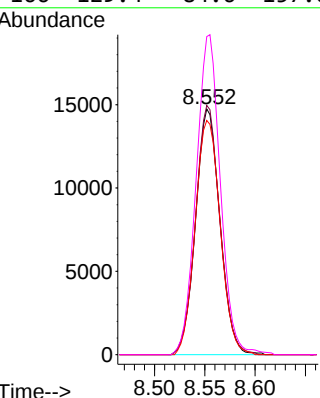
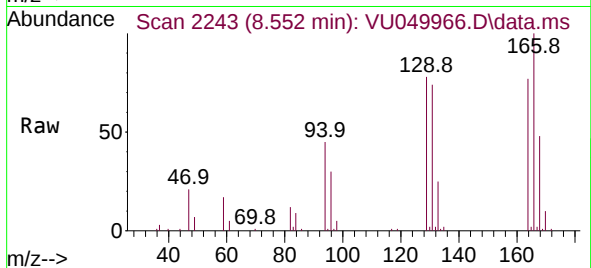
Ion Ratio Lower Upper

164 100

129 101.4 66.3 123.1

131 95.3 63.1 117.1

166 129.4 84.6 157.0



#48

2-Hexanone

Concen: 5.557 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.007 min

Lab File: VU049966.D

Acq: 27 Jul 2022 23:29

Tgt Ion: 43 Resp: 17135

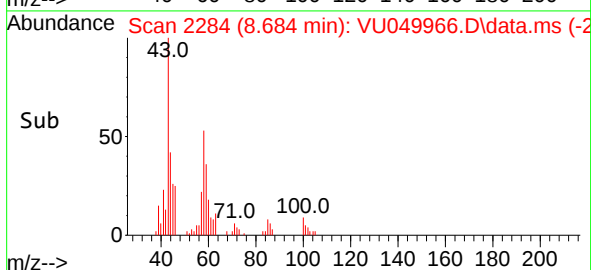
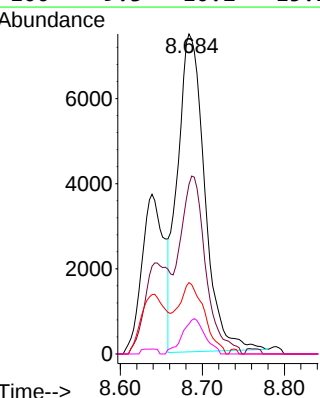
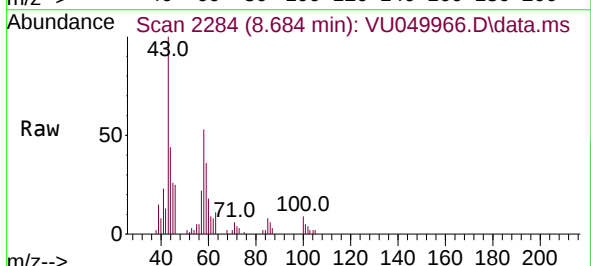
Ion Ratio Lower Upper

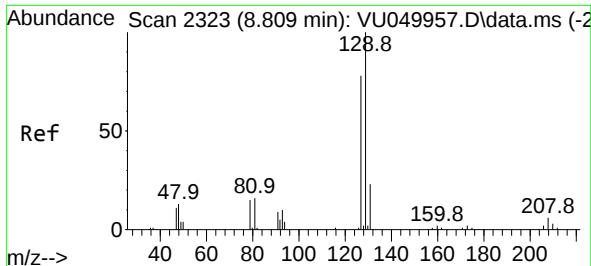
43 100

58 52.0 49.4 74.0

57 20.8 17.0 25.4

100 9.3 10.2 15.2#

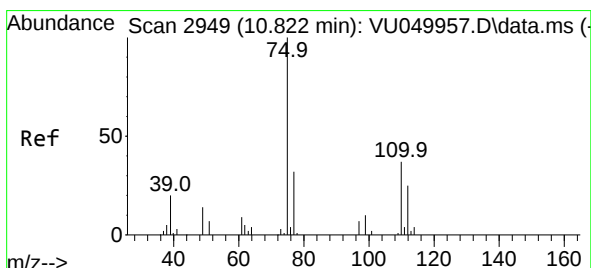
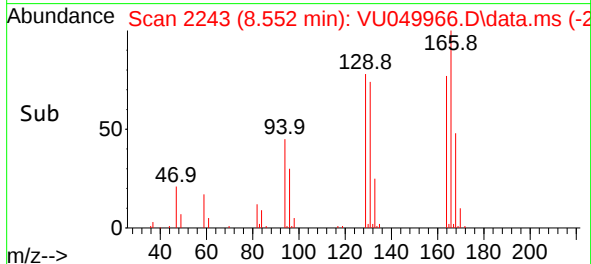
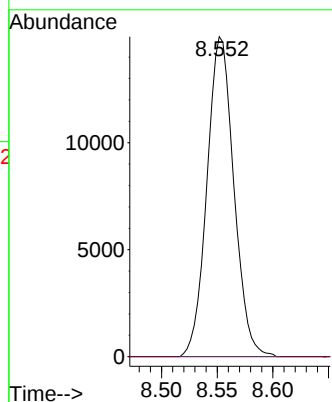
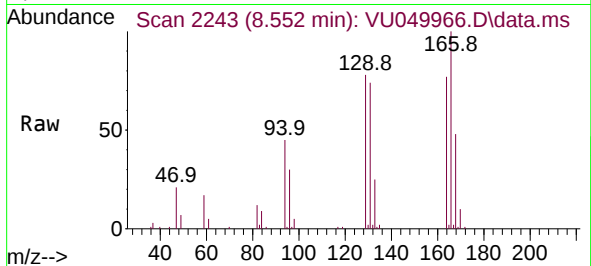




#49
Dibromochloromethane
Concen: 4.388 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

Instrument :
MSVOA_U
ClientSampleId :
GBJ01

Tgt Ion:129 Resp: 25114
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.075 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

Tgt Ion: 75 Resp: 4260
Ion Ratio Lower Upper
75 100
110 0.0 28.1 42.1#
77 31.4 24.7 37.1

