

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072522\
 Data File : U049884.D
 Acq On : 25 Jul 2022 22:59
 Operator : SY/MD
 Sample : N3870-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ00

Quant Time: Jul 26 06:47:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

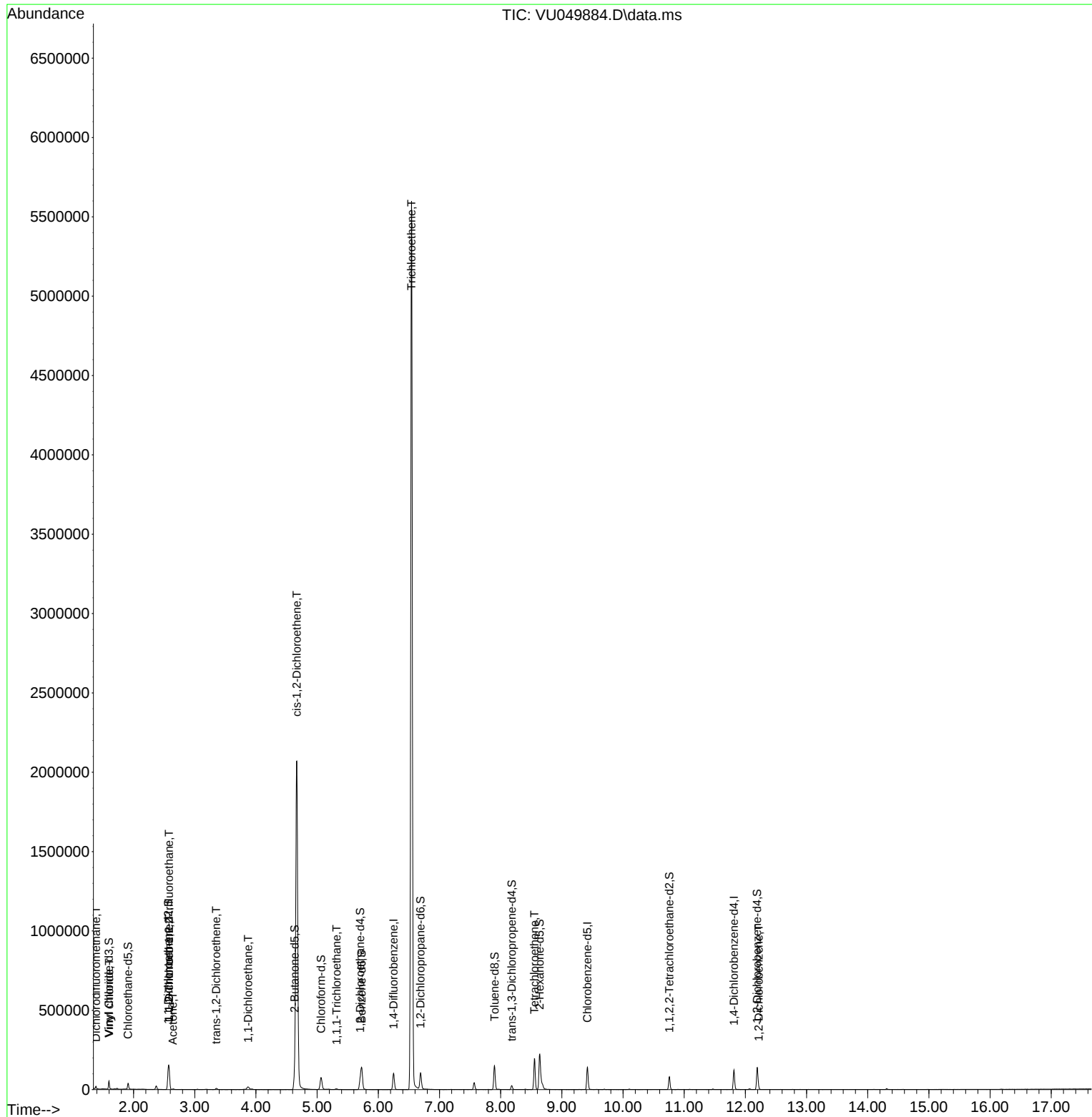
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	78761	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	74688	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	30866	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	28601	4.486	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.800%	
7) Chloroethane-d5	1.909	69	25850	4.844	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.800%	
11) 1,1-Dichloroethene-d2	2.565	65	12394	4.355	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.632	46	135580	59.095	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.200%	
24) Chloroform-d	5.063	84	70362	4.955	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.703	65	41754	5.014	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.729	84	126077	4.954	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.690	67	47249	5.374	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.400%	
41) Toluene-d8	7.899	98	99240	4.461	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
43) trans-1,3-Dichloroprop...	8.182	79	14351	4.496	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.636	63	67182	53.111	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.220%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41307	5.594	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.800%	
66) 1,2-Dichlorobenzene-d4	12.192	152	33679	5.286	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	10606	1.276	ug/L	100
5) Vinyl chloride	1.600	62	6043	0.707	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	30884	6.005	ug/L	96
12) 1,1-Dichloroethene	2.578	96	12800	2.460	ug/L #	84
13) Acetone	2.642	43	6057	4.389	ug/L	96
18) trans-1,2-Dichloroethene	3.350	96	3212	0.534	ug/L	95
19) 1,1-Dichloroethane	3.874	63	17842	1.372	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	1022061	146.690	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	3234	0.308	ug/L	95
34) Trichloroethene	6.542	95	1900037	289.149	ug/L	98
47) Tetrachloroethene	8.552	164	39343	8.698	ug/L	95
67) 1,2-Dichlorobenzene	12.217	146	4160	0.417	ug/L	95

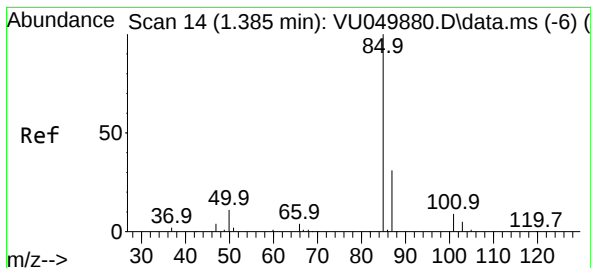
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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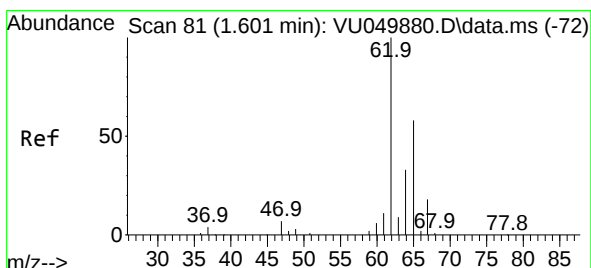
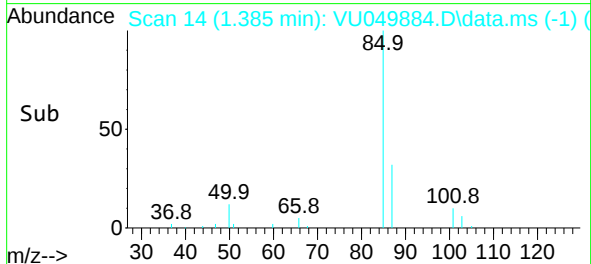
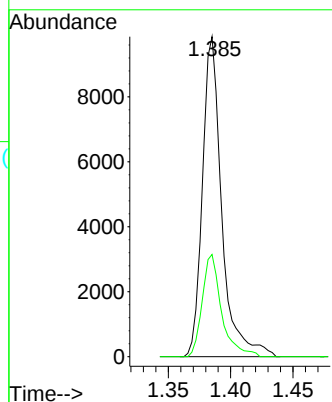
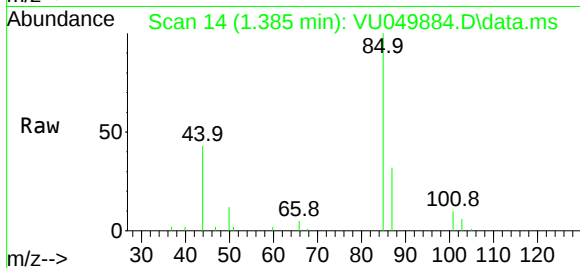




#2
Dichlorodifluoromethane
Concen: 1.276 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049884.D
Acq: 25 Jul 2022 22:59

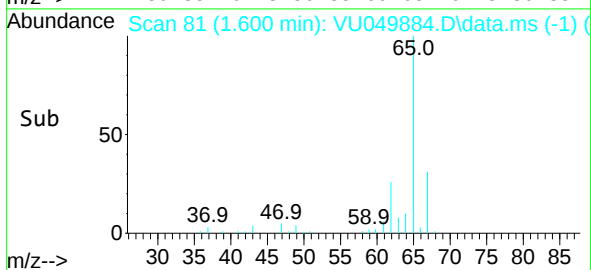
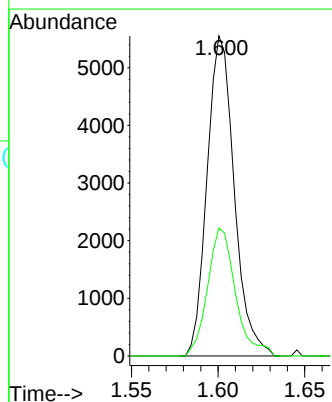
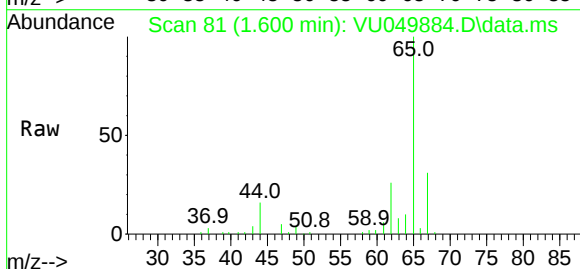
Instrument :
MSVOA_U
ClientSampleId :
GBJ00

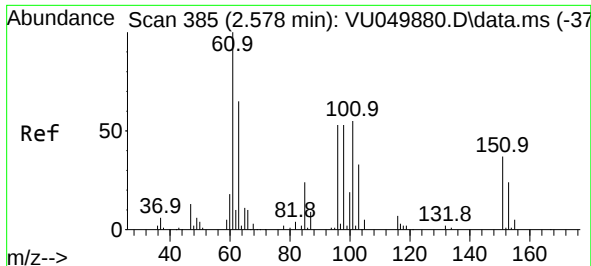
Tgt Ion: 85 Resp: 10606
Ion Ratio Lower Upper
85 100
87 32.0 25.4 38.2



#5
Vinyl chloride
Concen: 0.707 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU049884.D
Acq: 25 Jul 2022 22:59

Tgt Ion: 62 Resp: 6043
Ion Ratio Lower Upper
62 100
64 39.9 22.7 42.3

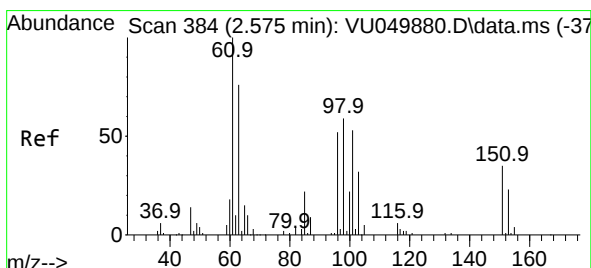
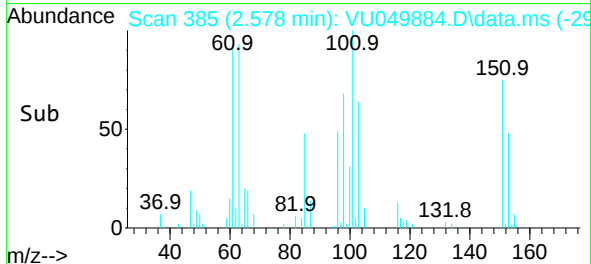
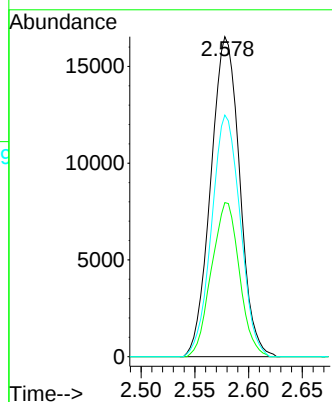
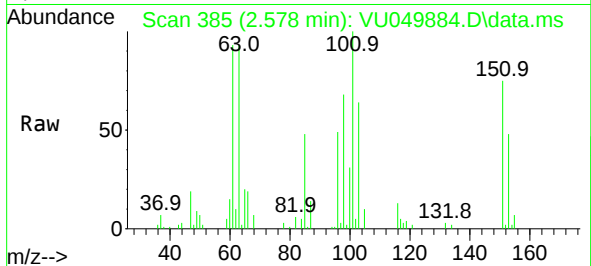




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 6.005 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU049884.D
Acq: 25 Jul 2022 22:59

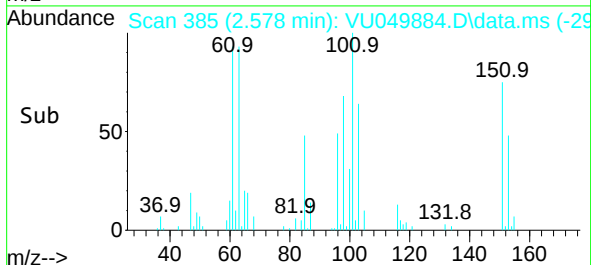
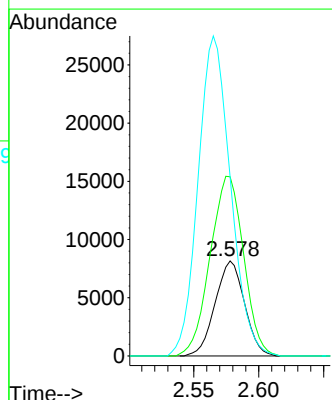
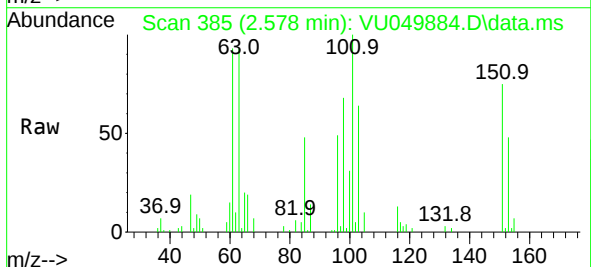
Instrument :
MSVOA_U
ClientSampleId :
GBJ00

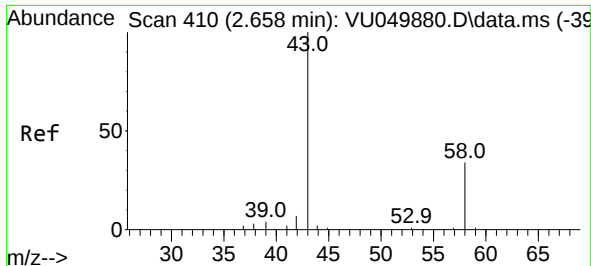
Tgt Ion:101 Resp: 30884
Ion Ratio Lower Upper
101 100
85 46.6 37.2 55.8
151 75.0 56.0 84.0



#12
1,1-Dichloroethene
Concen: 2.460 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049884.D
Acq: 25 Jul 2022 22:59

Tgt Ion: 96 Resp: 12800
Ion Ratio Lower Upper
96 100
61 188.6 131.6 244.4
63 188.3 100.0 185.6#





#13

Acetone

Concen: 4.389 ug/L

RT: 2.642 min Scan# 405

Delta R.T. -0.016 min

Lab File: VU049884.D

Acq: 25 Jul 2022 22:59

Instrument :

MSVOA_U

ClientSampleId :

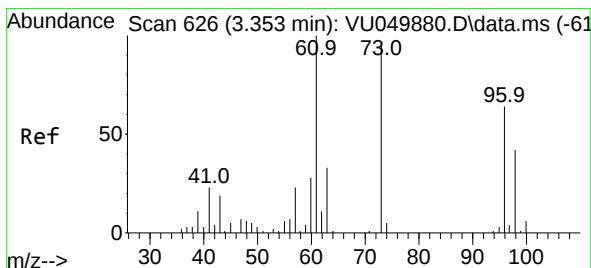
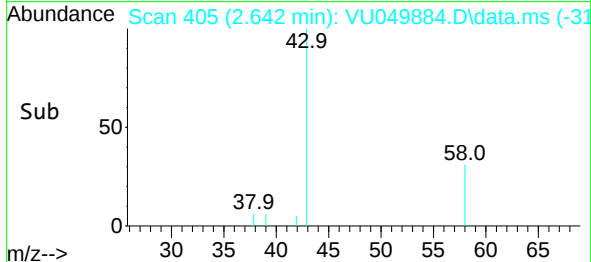
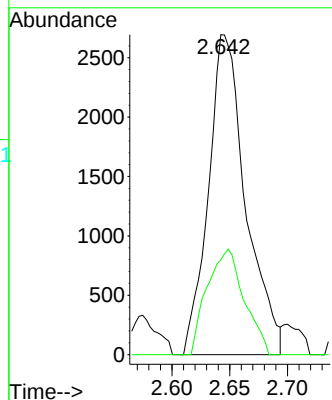
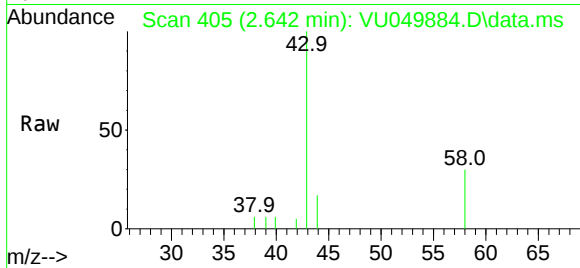
GBJ00

Tgt Ion: 43 Resp: 6057

Ion Ratio Lower Upper

43 100

58 32.7 0.0 61.0



#18

trans-1,2-Dichloroethene

Concen: 0.534 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU049884.D

Acq: 25 Jul 2022 22:59

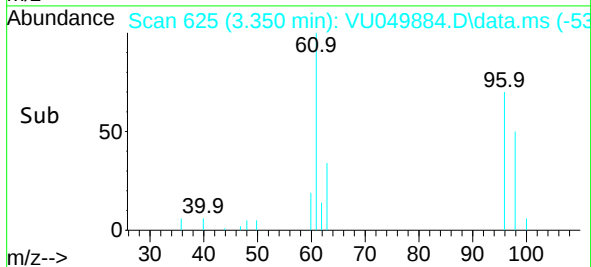
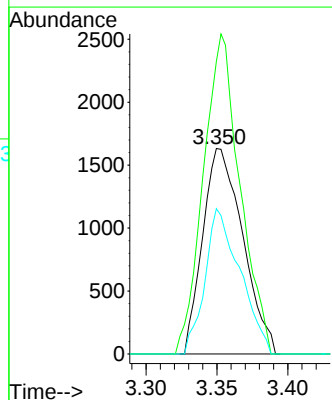
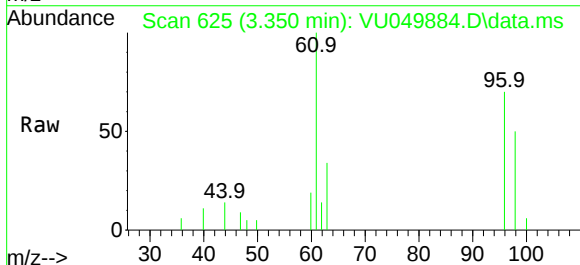
Tgt Ion: 96 Resp: 3212

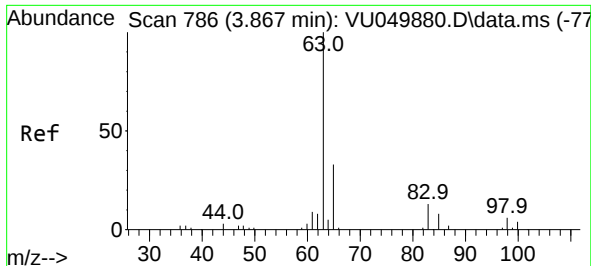
Ion Ratio Lower Upper

96 100

61 142.4 101.5 188.5

98 70.7 42.5 78.9





#19

1,1-Dichloroethane

Concen: 1.372 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU049884.D

Acq: 25 Jul 2022 22:59

Instrument :

MSVOA_U

ClientSampleId :

GBJ00

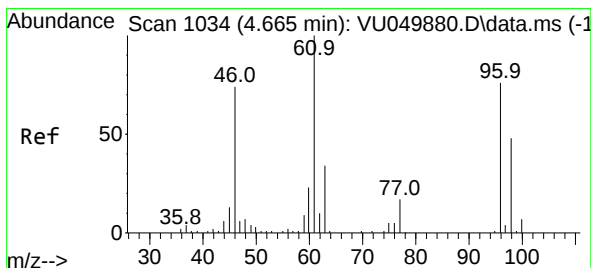
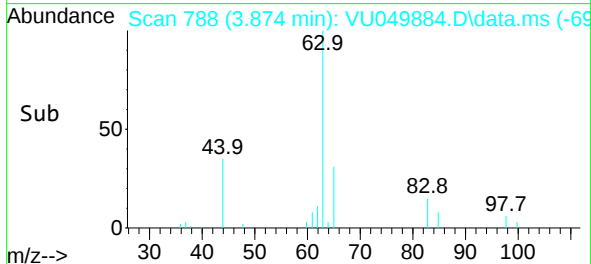
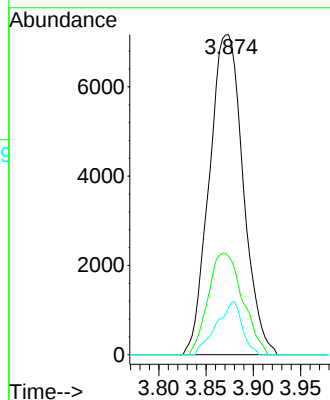
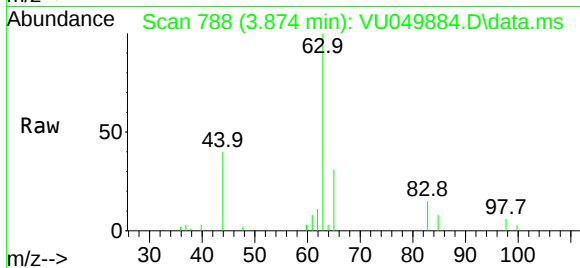
Tgt Ion: 63 Resp: 17842

Ion Ratio Lower Upper

63 100

65 30.7 22.5 41.9

83 14.7 8.3 15.5



#22

cis-1,2-Dichloroethene

Concen: 146.690 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VU049884.D

Acq: 25 Jul 2022 22:59

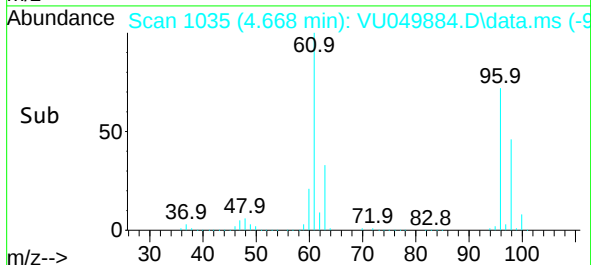
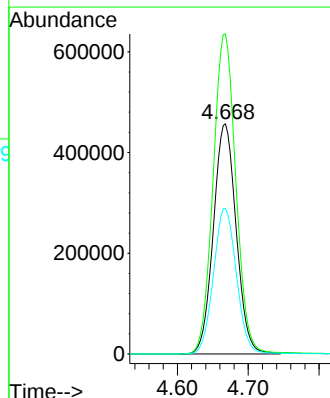
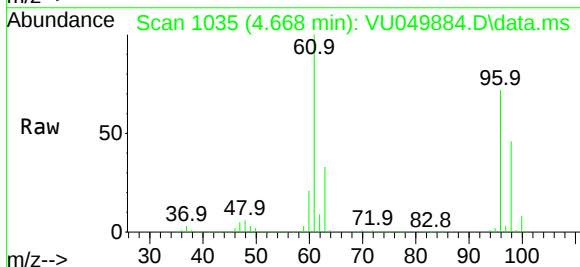
Tgt Ion: 96 Resp: 1022061

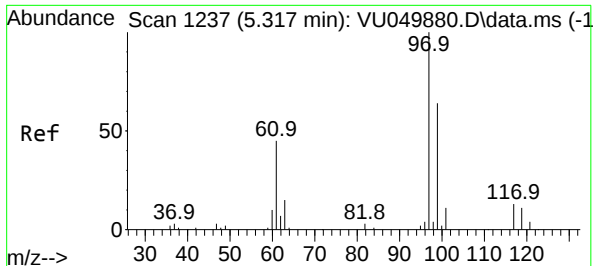
Ion Ratio Lower Upper

96 100

61 139.0 93.9 174.3

98 63.3 43.9 81.5

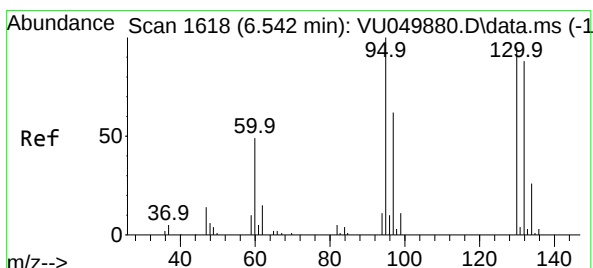
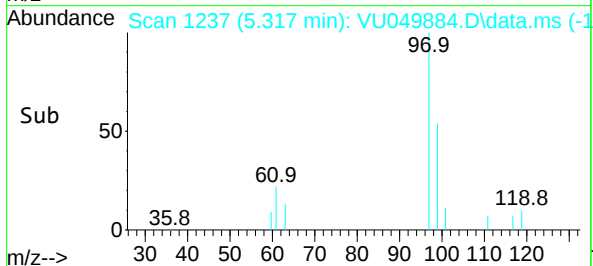
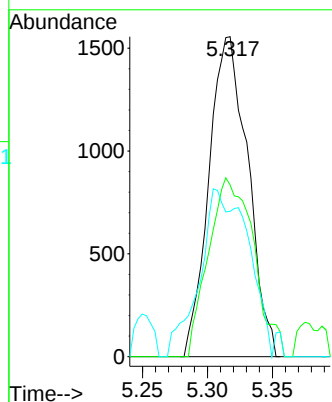
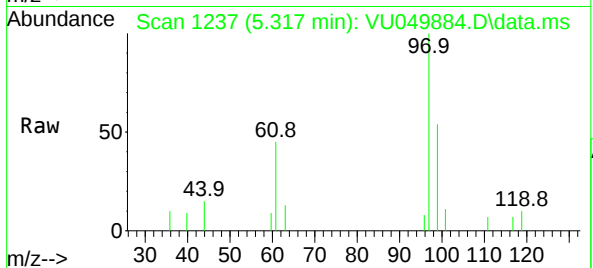




#29
1,1,1-Trichloroethane
Concen: 0.308 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049884.D
Acq: 25 Jul 2022 22:59

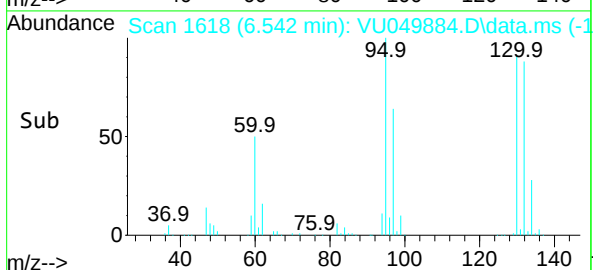
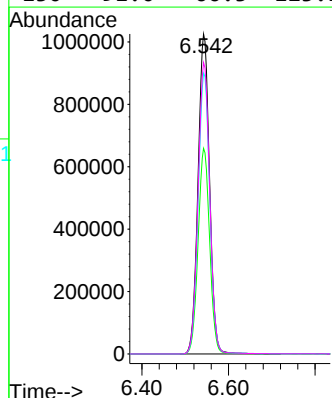
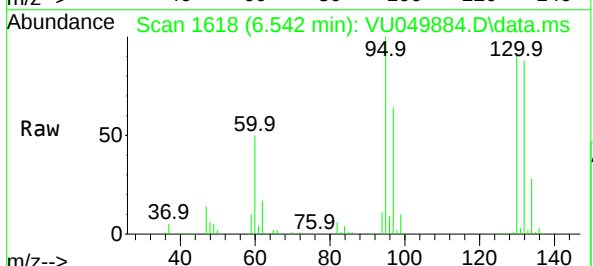
Instrument :
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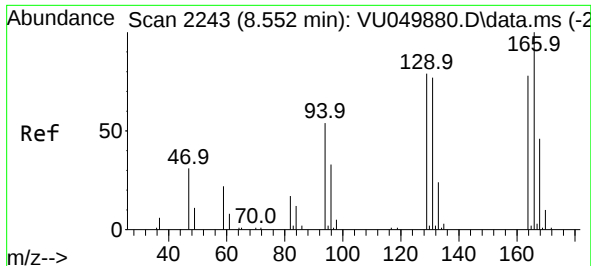
Tgt Ion: 97	Resp: 3234
Ion Ratio	Lower Upper
97 100	
99 64.9	51.8 77.8
61 39.8	38.3 57.5



#34
Trichloroethene
Concen: 289.149 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU049884.D
Acq: 25 Jul 2022 22:59

Tgt Ion: 95	Resp: 1900037
Ion Ratio	Lower Upper
95 100	
97 64.3	46.8 86.8
132 87.7	61.8 114.8
130 91.0	66.3 123.1

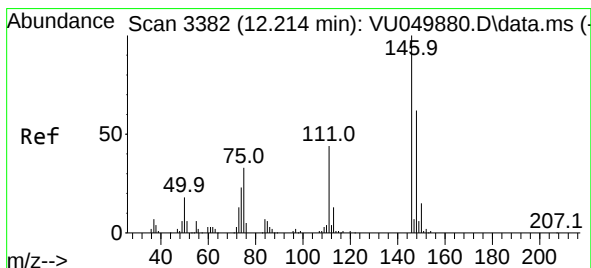
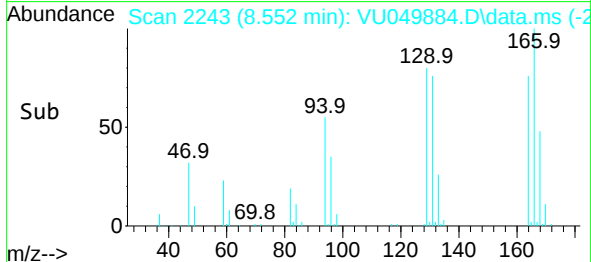
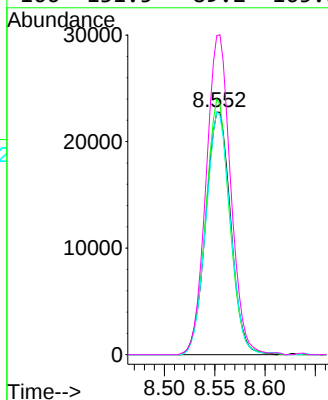
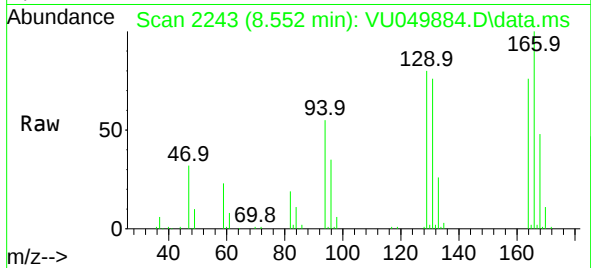




#47
Tetrachloroethene
Concen: 8.698 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049884.D
Acq: 25 Jul 2022 22:59

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 39343
Ion Ratio Lower Upper
164 100
129 105.3 68.9 127.9
131 99.9 67.5 125.4
166 131.5 89.2 165.8



#67
1,2-Dichlorobenzene
Concen: 0.417 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU049884.D
Acq: 25 Jul 2022 22:59

Tgt Ion:146 Resp: 4160
Ion Ratio Lower Upper
146 100
111 42.6 35.8 53.8
148 67.2 50.3 75.5

