

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072222\
 Data File : VU049856.D
 Acq On : 22 Jul 2022 17:48
 Operator : SY/MD
 Sample : N3802-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY0

Quant Time: Jul 23 02:36:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 23 01:04:38 2022
 Response via : Initial Calibration

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

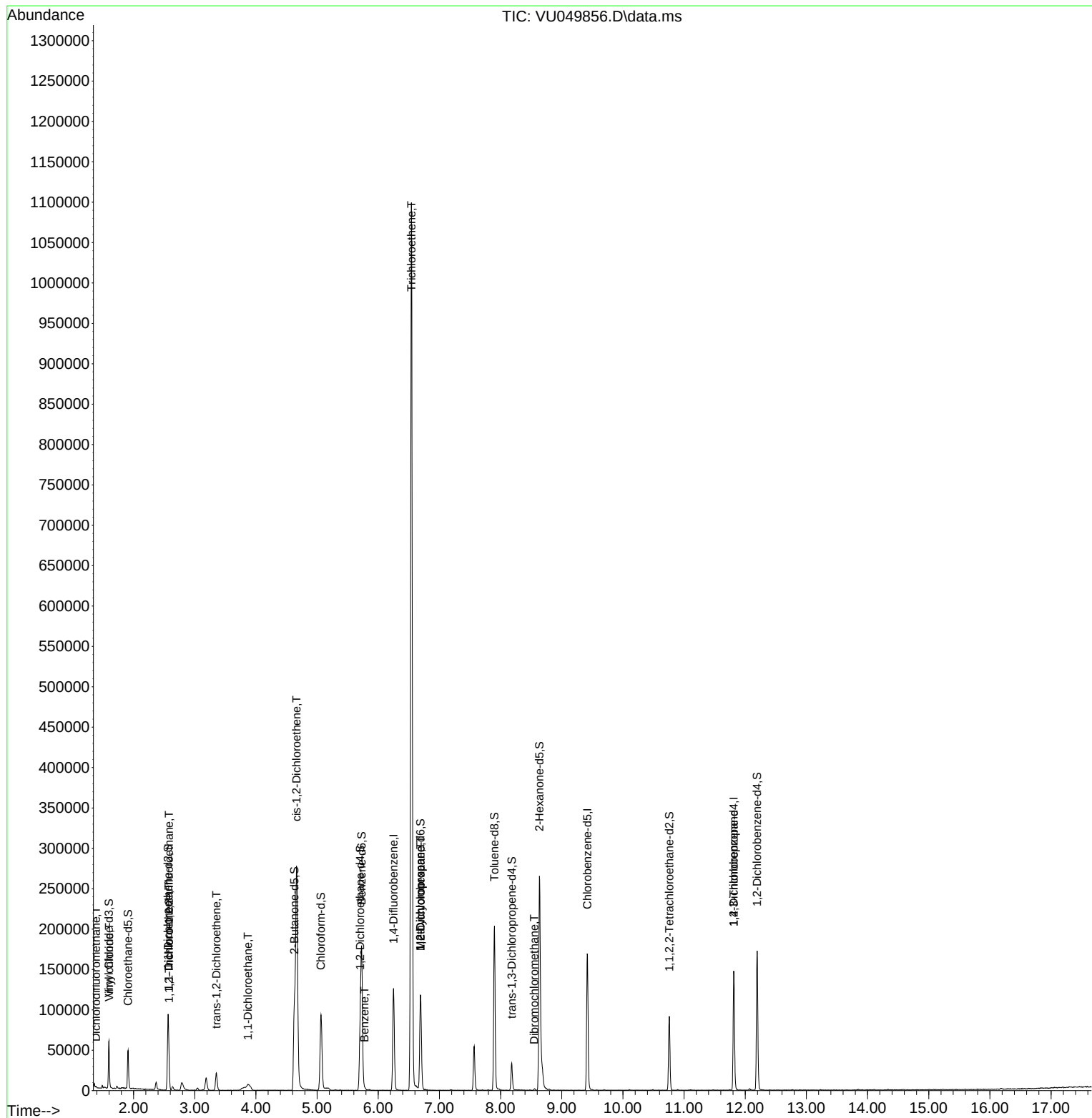
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	95739	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	90511	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	37406	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	37055	4.781	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.909	69	33084	5.100	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.565	65	15980	4.619	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.629	46	142270	51.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.020%
24) Chloroform-d	5.063	84	84561	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.703	65	48785	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.729	84	159520	5.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.690	67	55705	5.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.899	98	128831	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.182	79	18966	4.903	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.635	63	81136	52.929	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45028	5.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	43659	5.655	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	978	0.097	ug/L	89
5) Vinyl chloride	1.600	62	5527	0.532	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	2380	0.381	ug/L #	88
12) 1,1-Dichloroethene	2.575	96	4959	0.784	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	8512	1.164	ug/L	97
19) 1,1-Dichloroethane	3.870	63	3329	0.211	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	126002	14.877	ug/L	99
33) Benzene	5.774	78	2174	0.066	ug/L	100
34) Trichloroethene	6.542	95	369998	46.463	ug/L	98
35) Methylcyclohexane	6.690	83	13098	1.334	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	6774	0.724	ug/L #	89
49) Dibromochloromethane	8.549	129	394	0.053	ug/L #	14
61) 1,2,3-Trichloropropane	11.812	75	5138	1.031	ug/L #	66

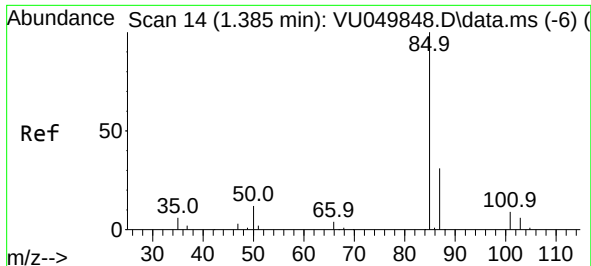
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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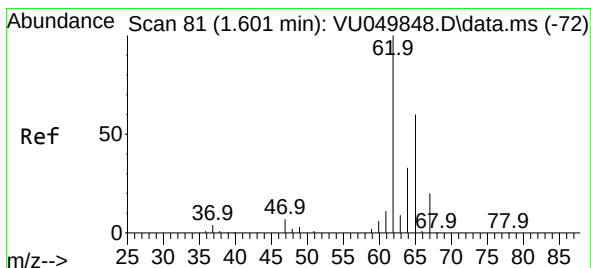
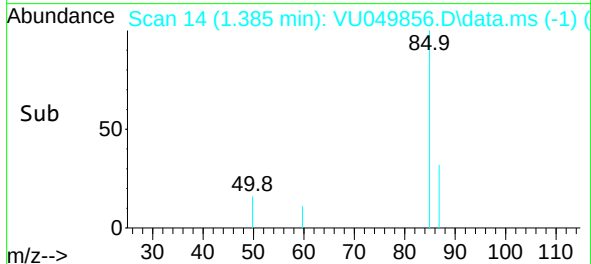
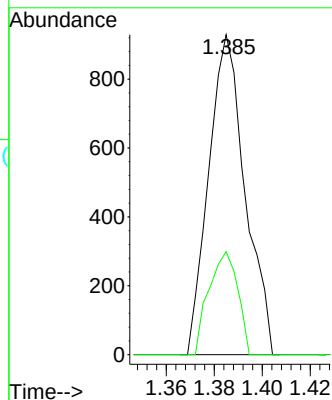
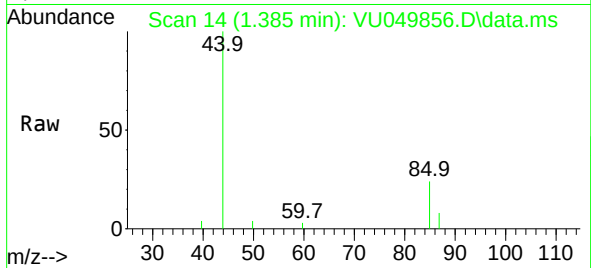




#2
Dichlorodifluoromethane
Concen: 0.097 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049856.D
Acq: 22 Jul 2022 17:48

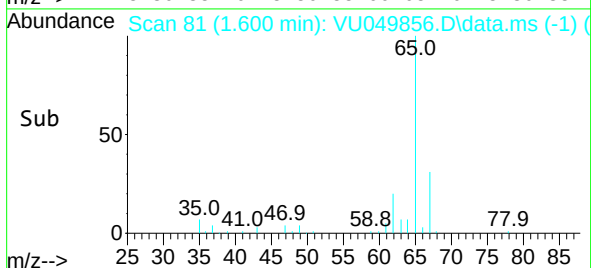
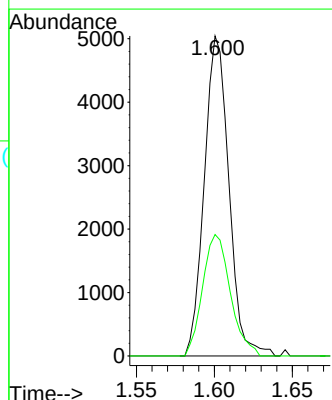
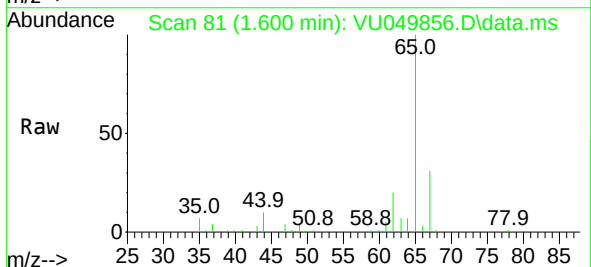
Instrument :
MSVOA_U
ClientSampleId :
GBHY0

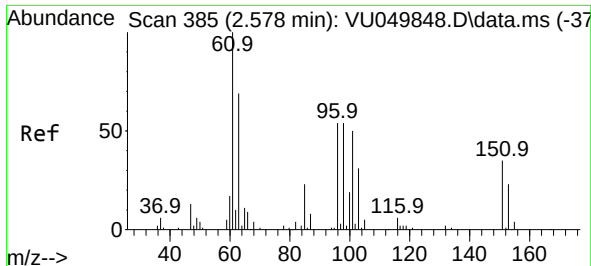
Tgt Ion: 85 Resp: 978
Ion Ratio Lower Upper
85 100
87 25.6 25.4 38.2



#5
Vinyl chloride
Concen: 0.532 ug/L
RT: 1.600 min Scan# 81
Delta R.T. -0.000 min
Lab File: VU049856.D
Acq: 22 Jul 2022 17:48

Tgt Ion: 62 Resp: 5527
Ion Ratio Lower Upper
62 100
64 37.9 22.7 42.3

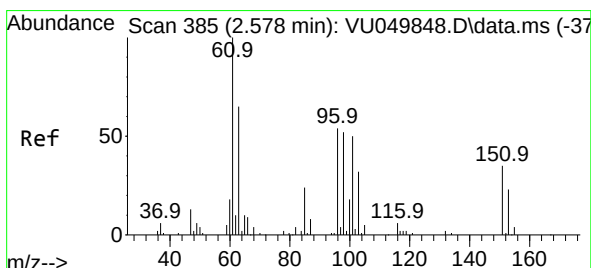
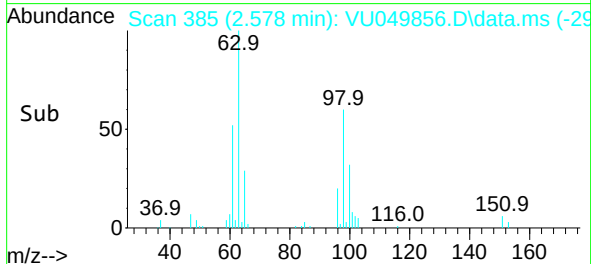
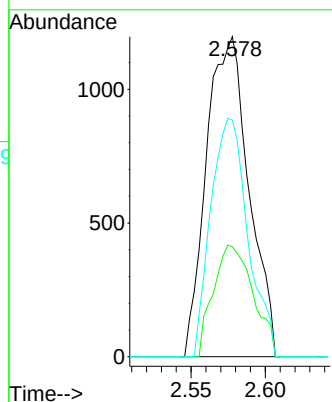
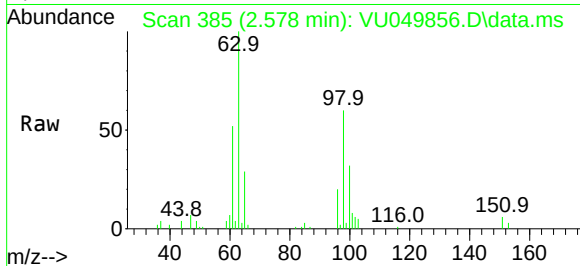




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.381 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049856.D
 Acq: 22 Jul 2022 17:48

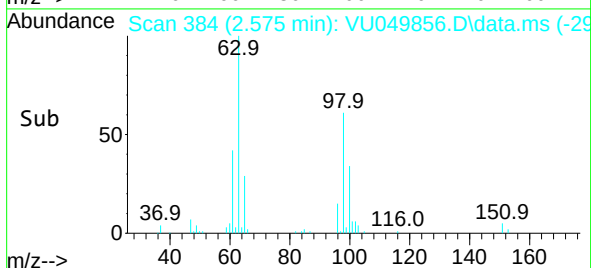
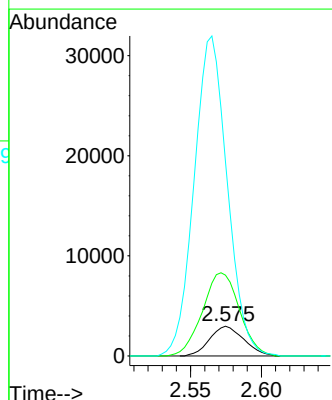
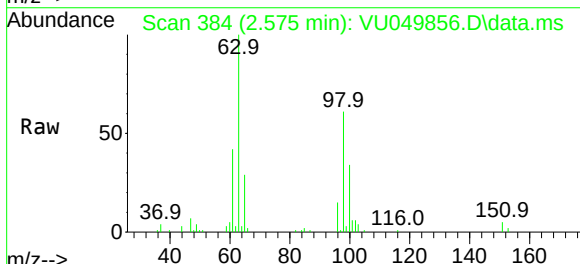
Instrument :
 MSVOA_U
 ClientSampleId :
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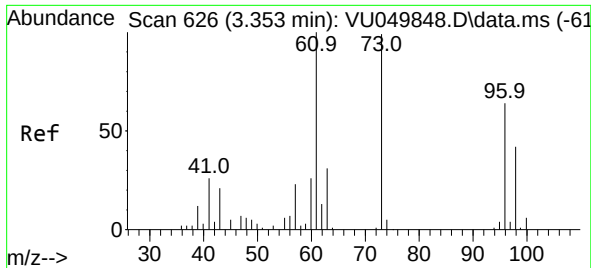
Tgt Ion:101 Resp: 2380
 Ion Ratio Lower Upper
 101 100
 85 32.6 37.2 55.8#
 151 65.1 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.784 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU049856.D
 Acq: 22 Jul 2022 17:48

Tgt Ion: 96 Resp: 4959
 Ion Ratio Lower Upper
 96 100
 61 271.9 131.6 244.4#
 63 653.6 100.0 185.6#

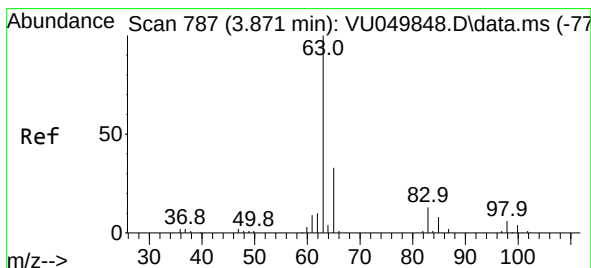
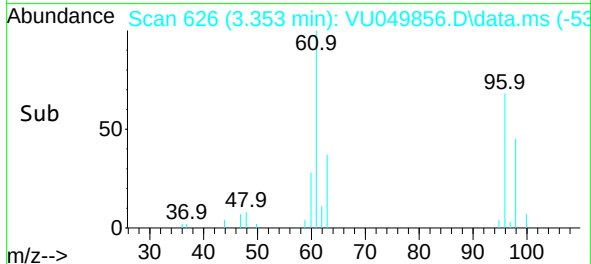
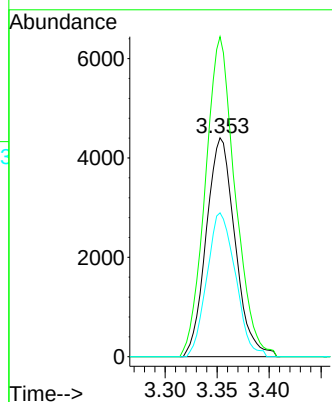
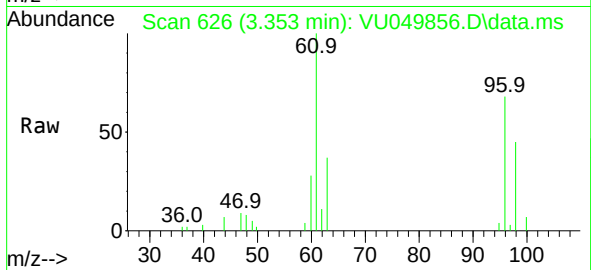




#18
trans-1,2-Dichloroethene
Concen: 1.164 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU049856.D
Acq: 22 Jul 2022 17:48

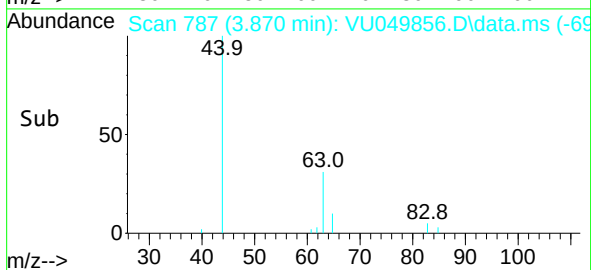
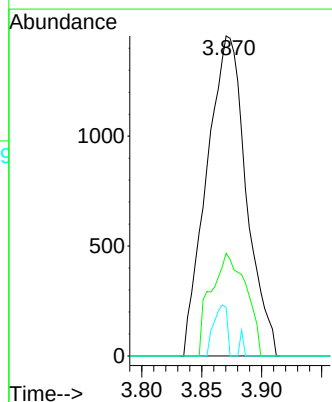
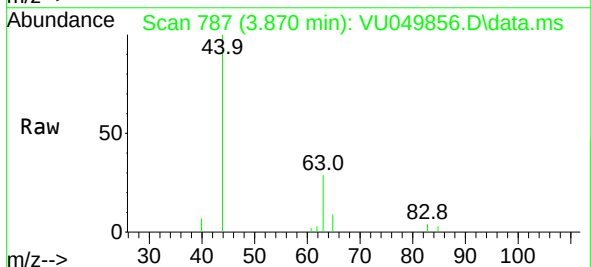
Instrument :
MSVOA_U
ClientSampleId :
GBHY0

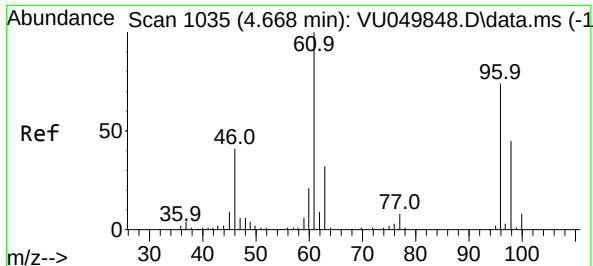
Tgt Ion: 96 Resp: 8512
Ion Ratio Lower Upper
96 100
61 146.1 101.5 188.5
98 65.7 42.5 78.9



#19
1,1-Dichloroethane
Concen: 0.211 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.000 min
Lab File: VU049856.D
Acq: 22 Jul 2022 17:48

Tgt Ion: 63 Resp: 3329
Ion Ratio Lower Upper
63 100
65 32.1 22.5 41.9
83 15.2 8.3 15.5





#22

cis-1,2-Dichloroethene

Concen: 14.877 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU049856.D

Acq: 22 Jul 2022 17:48

Instrument :

MSVOA_U

ClientSampleId :

GBHY0

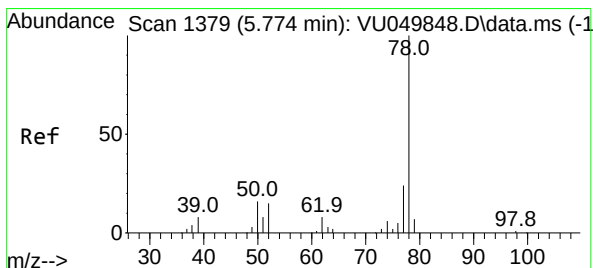
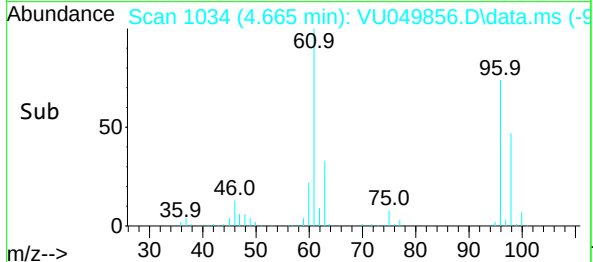
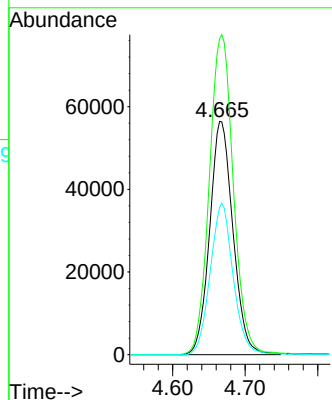
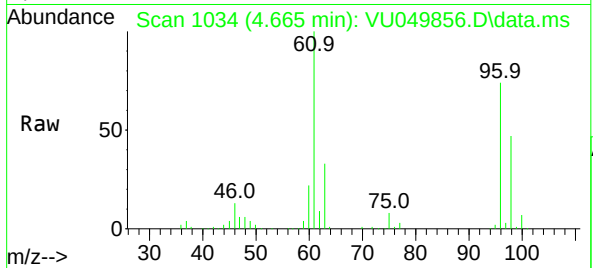
Tgt Ion: 96 Resp: 126002

Ion Ratio Lower Upper

96 100

61 135.4 93.9 174.3

98 63.0 43.9 81.5



#33

Benzene

Concen: 0.066 ug/L

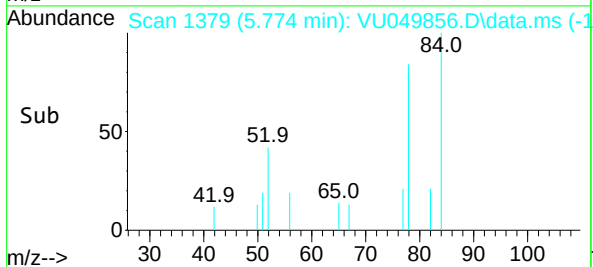
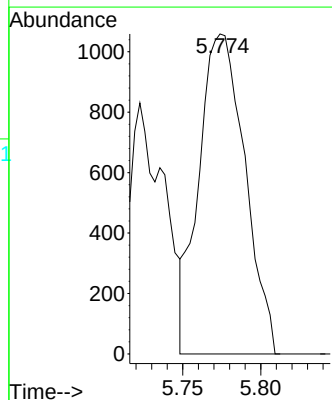
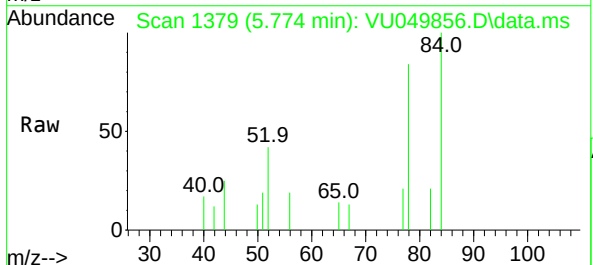
RT: 5.774 min Scan# 1379

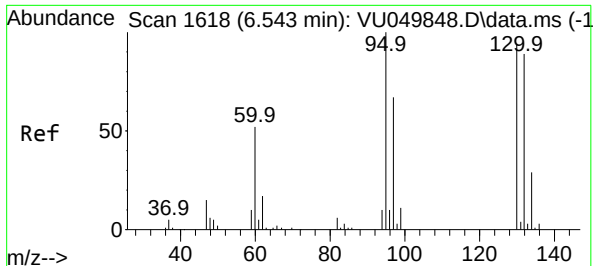
Delta R.T. -0.000 min

Lab File: VU049856.D

Acq: 22 Jul 2022 17:48

Tgt Ion: 78 Resp: 2174

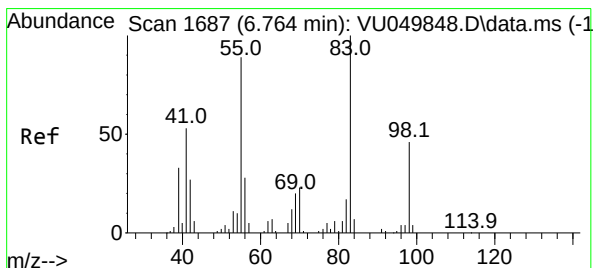
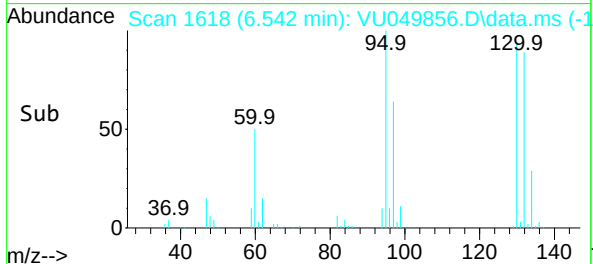
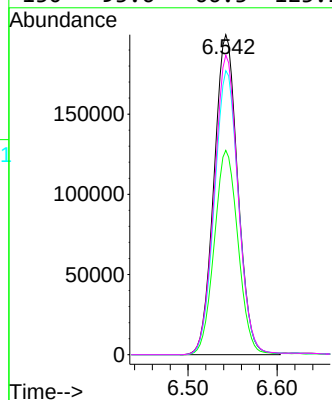
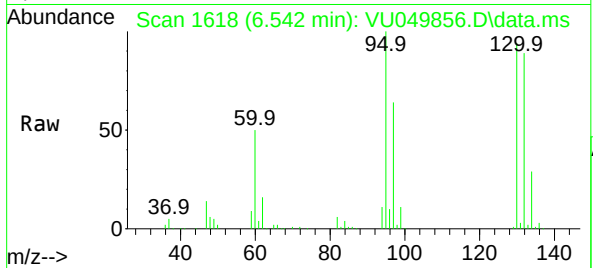




#34
Trichloroethene
Concen: 46.463 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049856.D
Acq: 22 Jul 2022 17:48

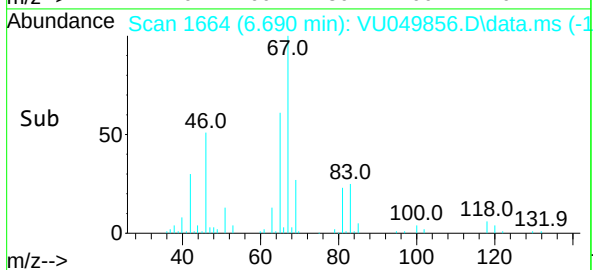
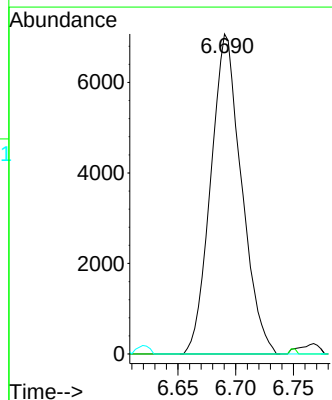
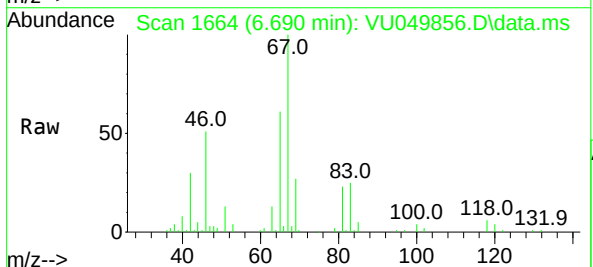
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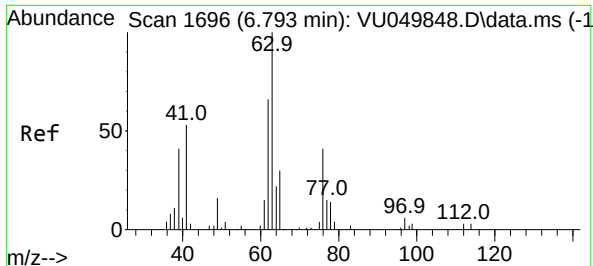
Tgt Ion: 95 Resp: 369998
Ion Ratio Lower Upper
95 100
97 63.9 46.8 86.8
132 88.7 61.8 114.8
130 93.6 66.3 123.1



#35
Methylcyclohexane
Concen: 1.334 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049856.D
Acq: 22 Jul 2022 17:48

Tgt Ion: 83 Resp: 13098
Ion Ratio Lower Upper
83 100
55 0.3 69.0 103.4#
98 10.0 36.4 54.6#

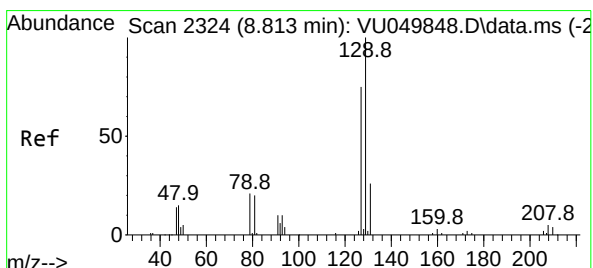
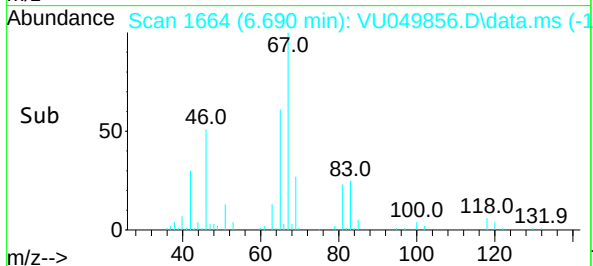
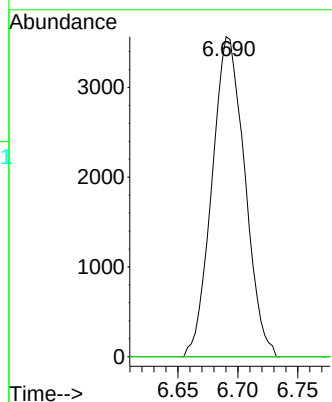
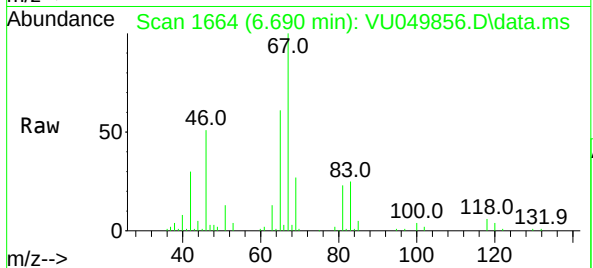




#37
1,2-Dichloropropane
Concen: 0.724 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU049856.D
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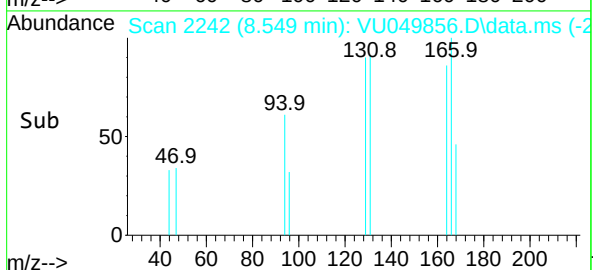
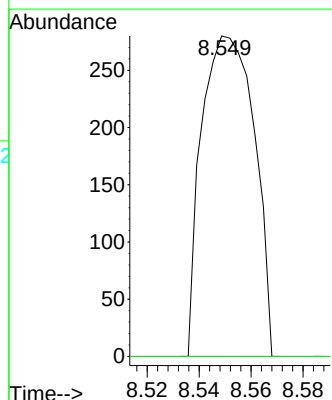
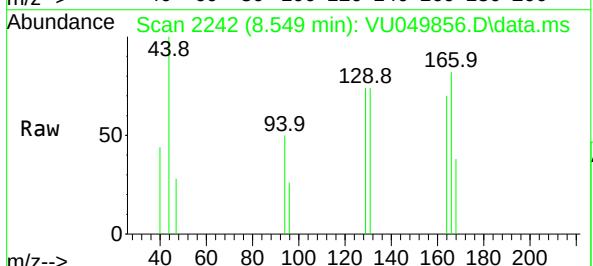
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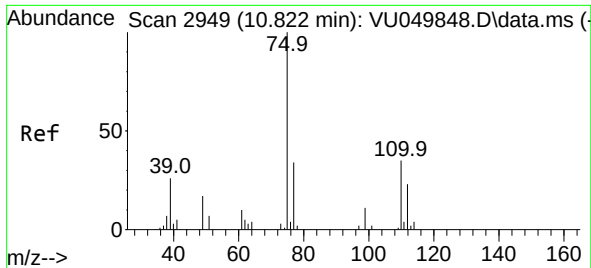
Tgt Ion: 63 Resp: 6774
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#49
Dibromochloromethane
Concen: 0.053 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.264 min
Lab File: VU049856.D
Acq: 22 Jul 2022 17:48

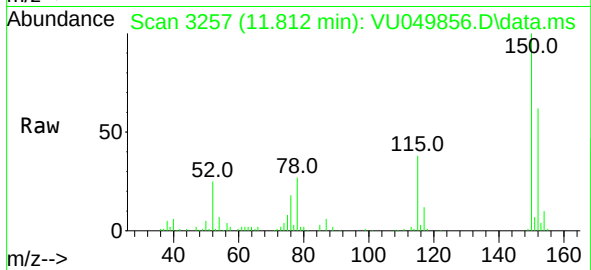
Tgt Ion: 129 Resp: 394
Ion Ratio Lower Upper
129 100
127 0.0 50.5 93.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.031 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU049856.D
 Acq: 22 Jul 2022 17:48

Instrument :
 MSVOA_U
 ClientSampleId :
 GBHY0



Tgt Ion: 75 Resp: 5138
 Ion Ratio Lower Upper
 75 100
 110 0.4 28.0 42.0#
 77 34.7 25.4 38.2

