

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049934.D
 Acq On : 27 Jul 2022 00:57
 Operator : SY/MD
 Sample : N3873-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ28

Quant Time: Jul 27 05:31:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

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

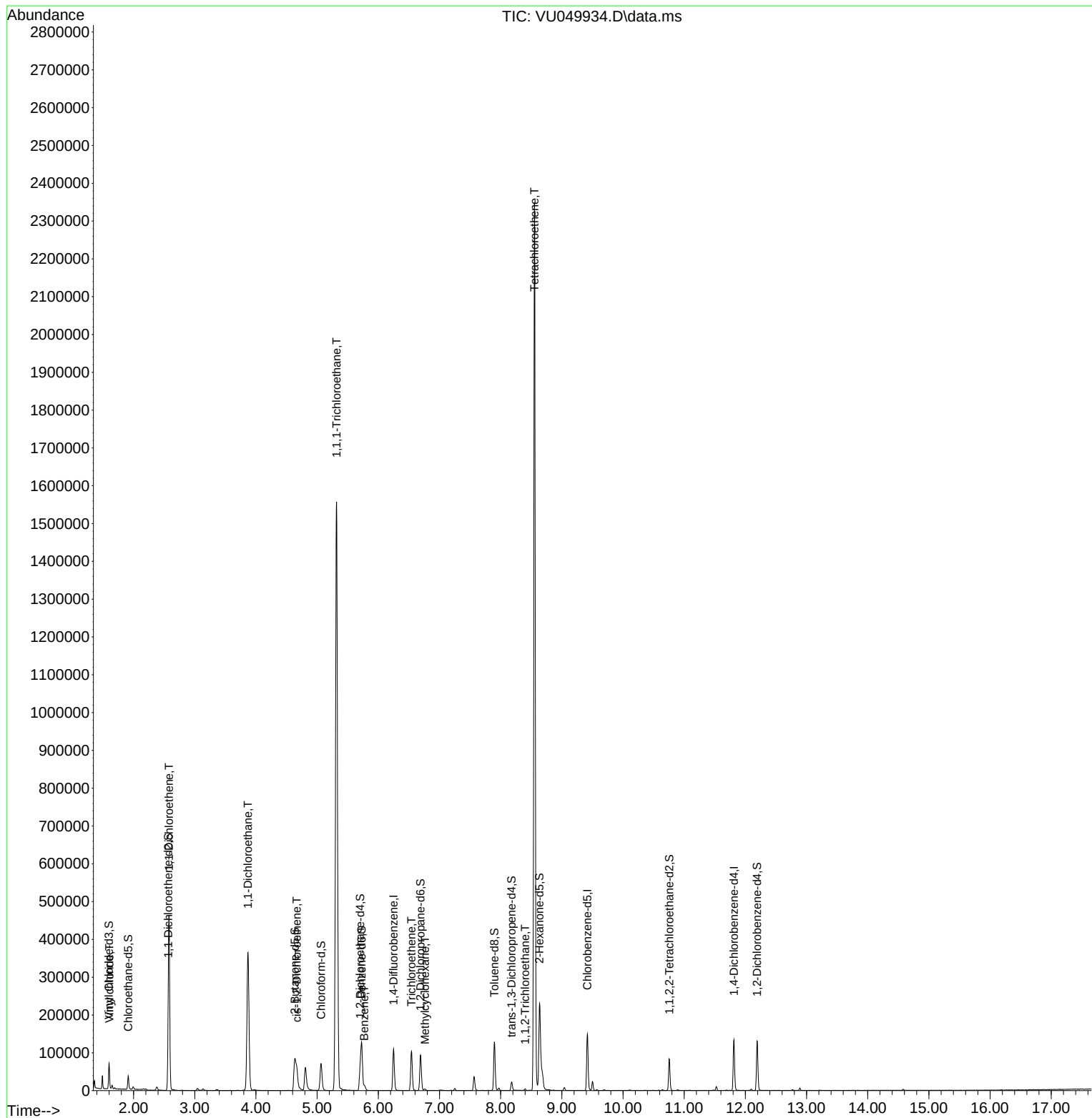
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	80075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	80372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33987	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	25006	3.857	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.912	69	22820	4.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.200%
11) 1,1-Dichloroethene-d2	2.565	65	11240	3.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.636	46	138681	59.455	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.900%
24) Chloroform-d	5.063	84	66428	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.703	65	39376	4.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.729	84	112088	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.690	67	44244	4.676	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.896	98	84007	3.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	8.179	79	12657	3.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.600%
46) 2-Hexanone-d5	8.632	63	70078	51.482	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.960%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	40505	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	33390	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	16675	1.918	ug/L	99
12) 1,1-Dichloroethene	2.578	96	137929	26.068	ug/L #	74
19) 1,1-Dichloroethane	3.867	63	414902	31.388	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	19503	2.753	ug/L	97
29) 1,1,1-Trichloroethane	5.317	97	1120039	99.270	ug/L	99
33) Benzene	5.771	78	10750	0.369	ug/L	100
34) Trichloroethene	6.543	95	35802	5.063	ug/L	96
35) Methylcyclohexane	6.764	83	1437	0.165	ug/L #	65
45) 1,1,2-Trichloroethane	8.401	97	1387	0.234	ug/L	94
47) Tetrachloroethene	8.552	164	483305	99.288	ug/L	98

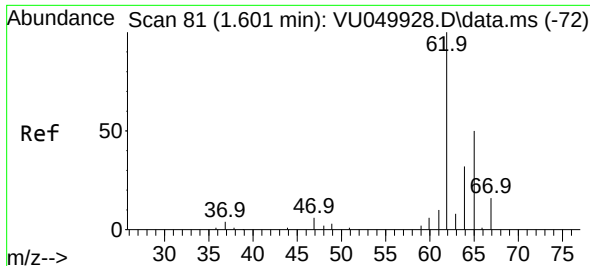
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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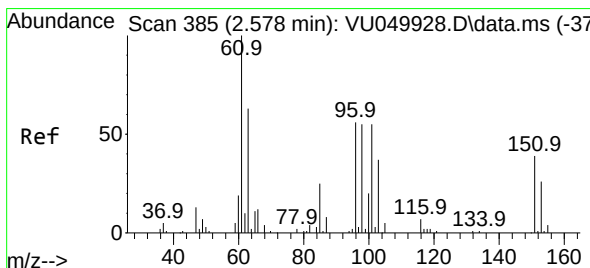
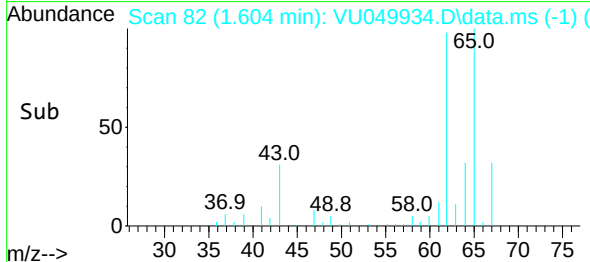
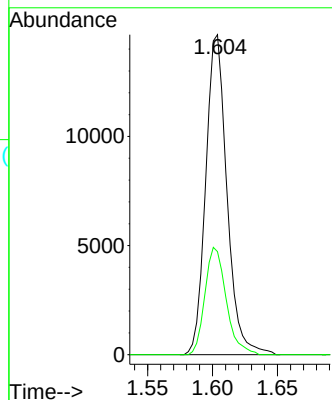
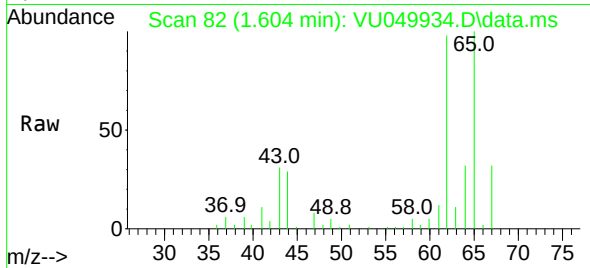




#5
 Vinyl chloride
 Concen: 1.918 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049934.D
 Acq: 27 Jul 2022 00:57

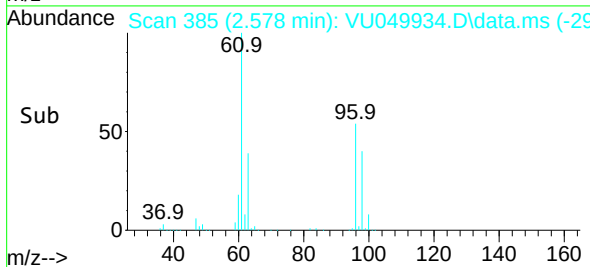
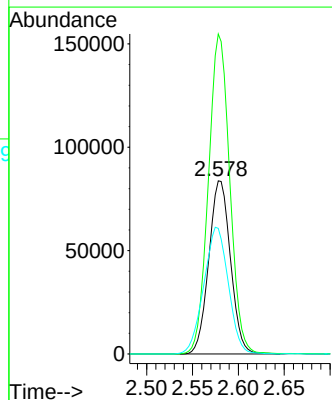
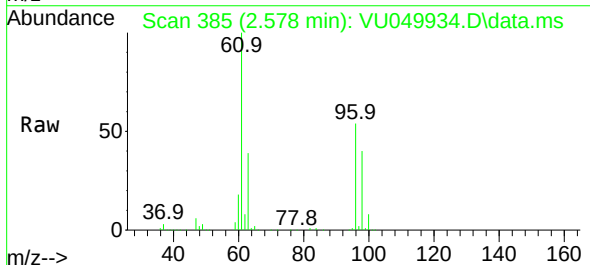
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ28

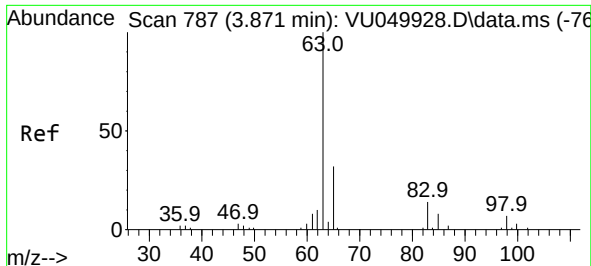
Tgt Ion: 62 Resp: 16675
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.7 42.3



#12
 1,1-Dichloroethene
 Concen: 26.068 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049934.D
 Acq: 27 Jul 2022 00:57

Tgt Ion: 96 Resp: 137929
 Ion Ratio Lower Upper
 96 100
 61 184.8 131.6 244.4
 63 72.6 100.0 185.6#





#19

1,1-Dichloroethane

Concen: 31.388 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU049934.D

Acq: 27 Jul 2022 00:57

Instrument :

MSVOA_U

ClientSampleId :

GBJ28

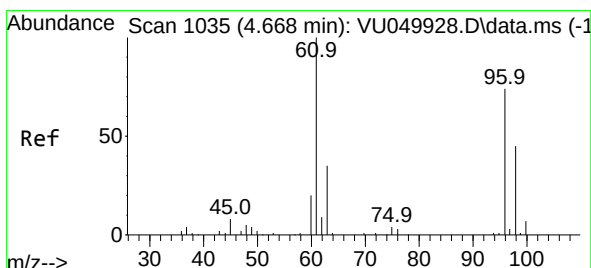
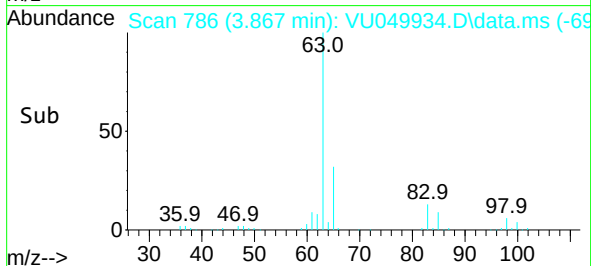
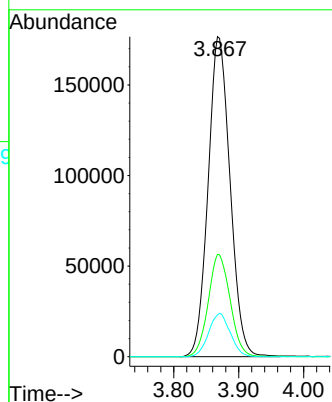
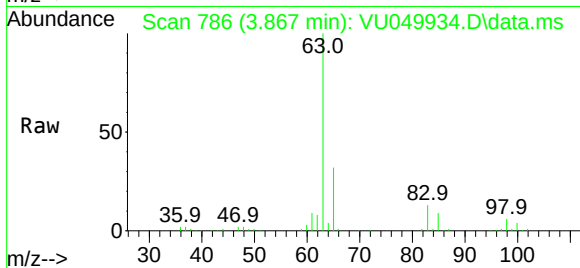
Tgt Ion: 63 Resp: 414902

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.9

83 13.1 8.3 15.5



#22

cis-1,2-Dichloroethene

Concen: 2.753 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VU049934.D

Acq: 27 Jul 2022 00:57

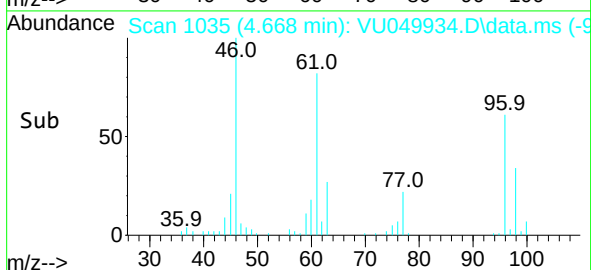
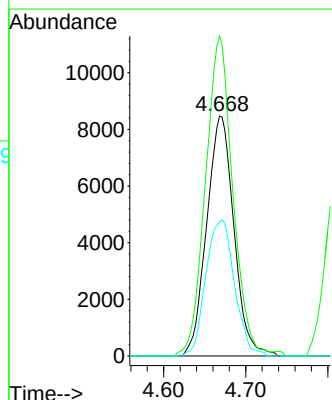
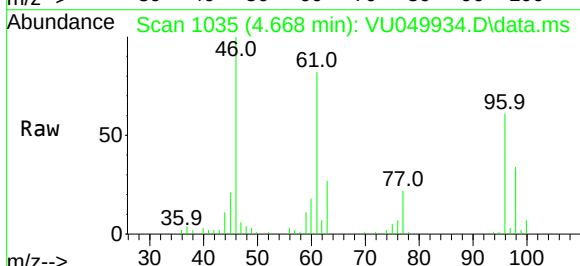
Tgt Ion: 96 Resp: 19503

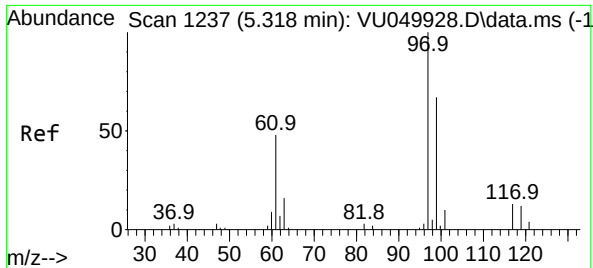
Ion Ratio Lower Upper

96 100

61 133.3 93.9 174.3

98 55.7 43.9 81.5





#29

1,1,1-Trichloroethane

Concen: 99.270 ug/L

RT: 5.317 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049934.D

Acq: 27 Jul 2022 00:57

Instrument :

MSVOA_U

ClientSampleId :

GBJ28

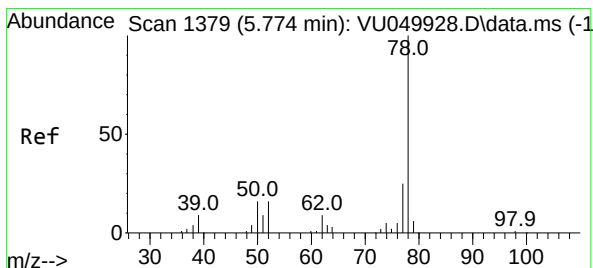
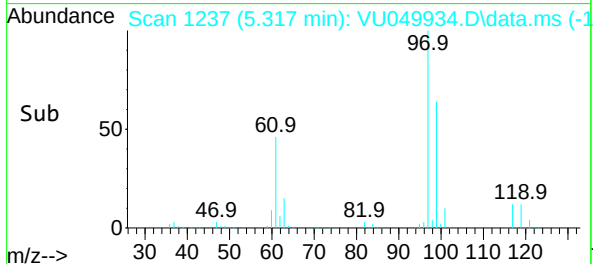
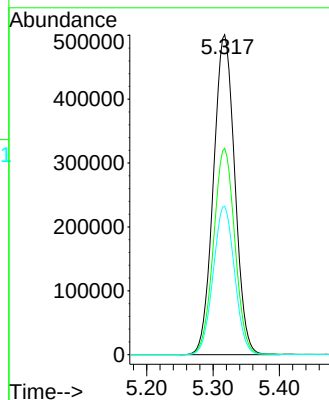
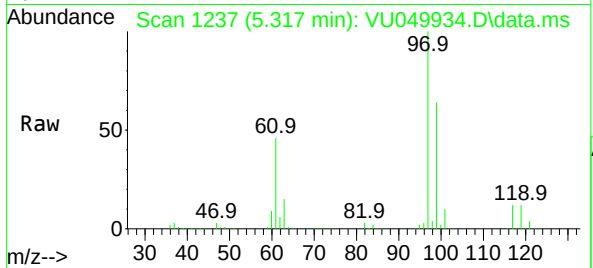
Tgt Ion: 97 Resp: 1120039

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.8

61 46.5 38.3 57.5



#33

Benzene

Concen: 0.369 ug/L

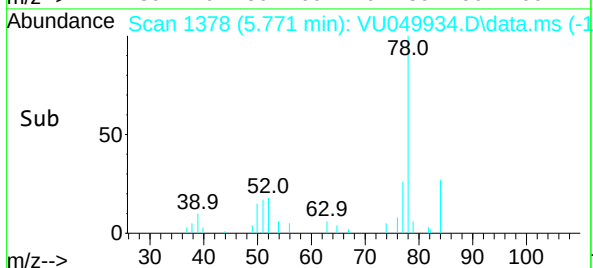
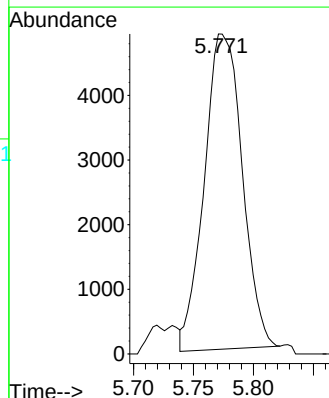
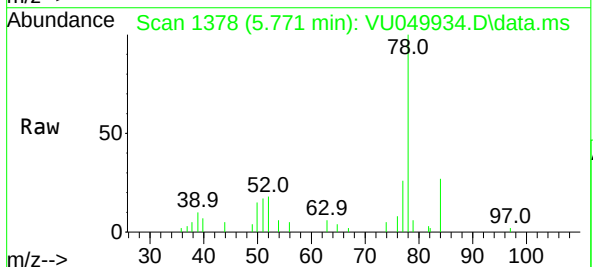
RT: 5.771 min Scan# 1378

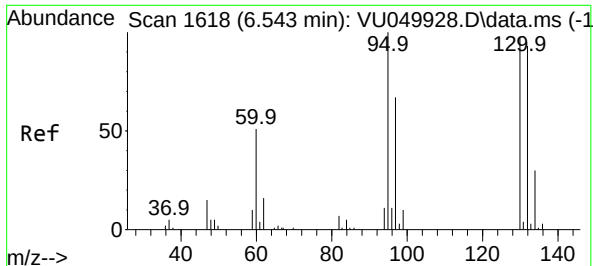
Delta R.T. -0.003 min

Lab File: VU049934.D

Acq: 27 Jul 2022 00:57

Tgt Ion: 78 Resp: 10750





#34

Trichloroethene

Concen: 5.063 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049934.D

Acq: 27 Jul 2022 00:57

Instrument :

MSVOA_U

ClientSampleId :

GBJ28

Tgt Ion: 95 Resp: 35802

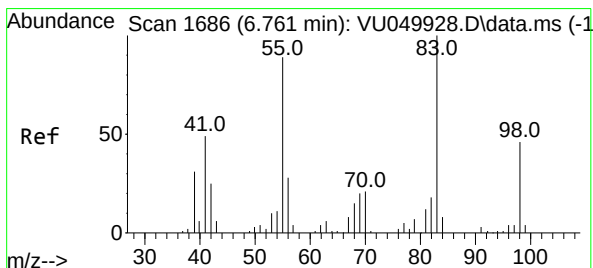
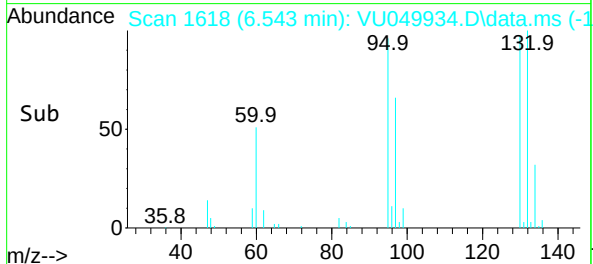
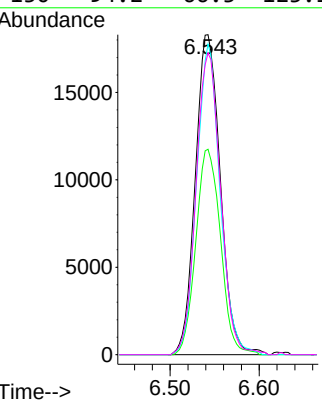
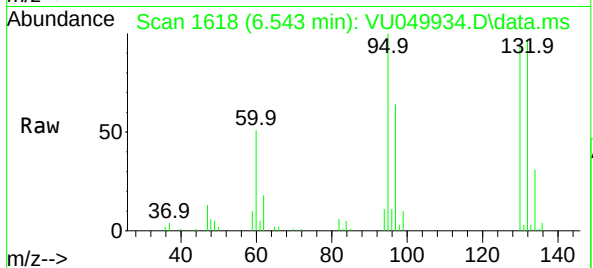
Ion Ratio Lower Upper

95 100

97 64.2 46.8 86.8

132 97.0 61.8 114.8

130 94.2 66.3 123.1



#35

Methylcyclohexane

Concen: 0.165 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU049934.D

Acq: 27 Jul 2022 00:57

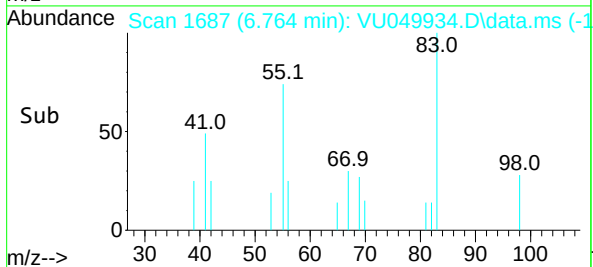
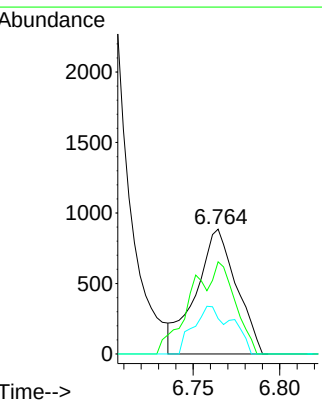
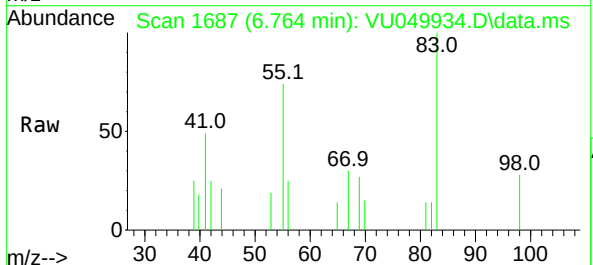
Tgt Ion: 83 Resp: 1437

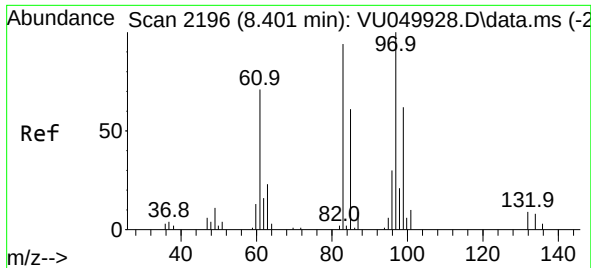
Ion Ratio Lower Upper

83 100

55 43.1 69.0 103.4#

98 36.3 36.4 54.6#



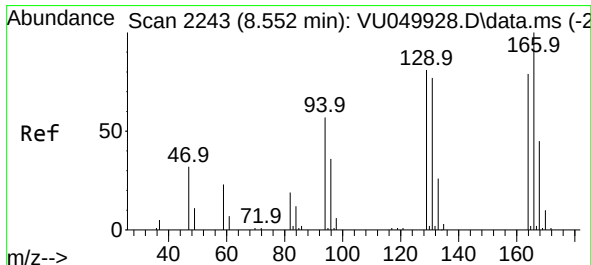
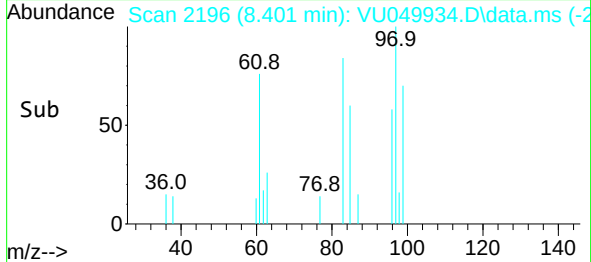
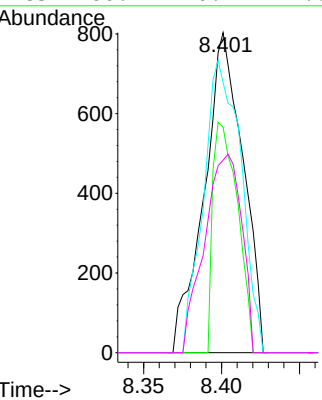
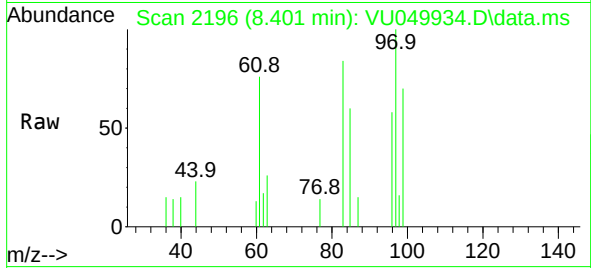


#45
1,1,2-Trichloroethane
Concen: 0.234 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049934.D
Acq: 27 Jul 2022 00:57

Instrument :
MSVOA_U
ClientSampleId :
GBJ28

Tgt Ion: 97 Resp: 1387

Ion	Ratio	Lower	Upper
97	100		
99	70.5	43.8	81.3
83	84.4	62.4	115.8
85	60.1	40.2	74.6



#47
Tetrachloroethene
Concen: 99.288 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049934.D
Acq: 27 Jul 2022 00:57

Tgt Ion: 164 Resp: 483305

Ion	Ratio	Lower	Upper
164	100		
129	102.0	68.9	127.9
131	98.0	67.5	125.4
166	127.9	89.2	165.8

