

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049933.D
 Acq On : 27 Jul 2022 00:33
 Operator : SY/MD
 Sample : N3873-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27

Quant Time: Jul 27 05:30:48 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)

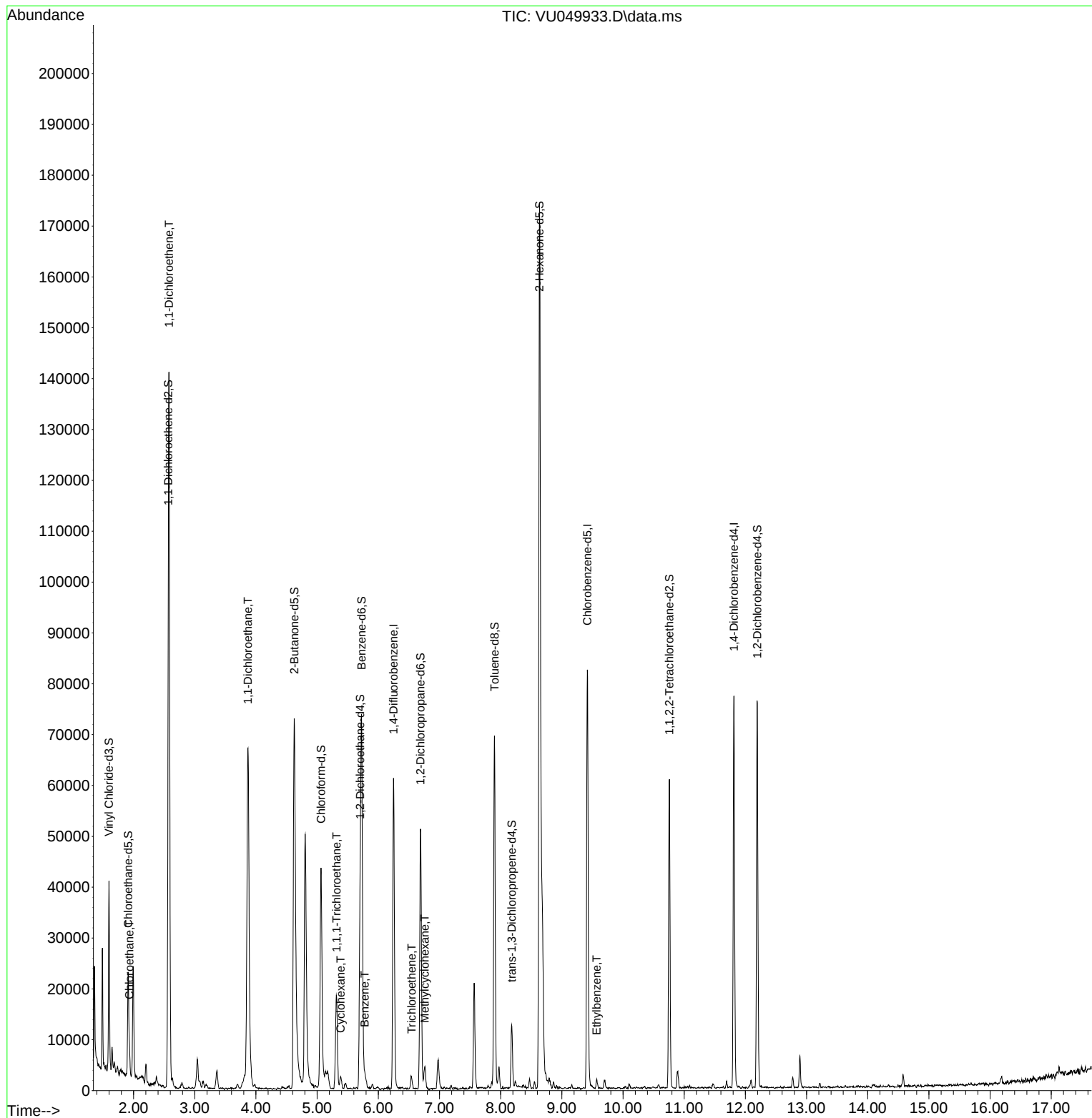
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	47095	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	46324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	19641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	15743	4.129	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.600%	
7) Chloroethane-d5	1.913	69	14215	4.455	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.000%	
11) 1,1-Dichloroethene-d2	2.568	65	6738	3.959	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.200%	
20) 2-Butanone-d5	4.626	46	113715	82.891	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	165.780%#	
24) Chloroform-d	5.064	84	39038	4.597	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.703	65	25846	5.191	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.800%	
32) Benzene-d6	5.726	84	63236	4.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	6.690	67	24695	4.528	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.899	98	45230	3.278	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.600%#	
43) trans-1,3-Dichloroprop...	8.182	79	8393	4.239	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.800%	
46) 2-Hexanone-d5	8.633	63	51239	65.309	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.620%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29981	6.547	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	131.000%#	
66) 1,2-Dichlorobenzene-d4	12.195	152	18655	4.602	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.000%	
Target Compounds						
8) Chloroethane	1.932	64	2930	0.994	ug/L	87
12) 1,1-Dichloroethene	2.578	96	39759	12.777	ug/L #	76
19) 1,1-Dichloroethane	3.867	63	73809	9.494	ug/L	97
29) 1,1,1-Trichloroethane	5.318	97	13332	2.050	ug/L	97
30) Cyclohexane	5.382	56	1115	0.212	ug/L #	70
33) Benzene	5.777	78	2429	0.144	ug/L	100
34) Trichloroethene	6.546	95	816	0.200	ug/L	90
35) Methylcyclohexane	6.758	83	1727	0.344	ug/L #	88
52) Ethylbenzene	9.568	91	1607	0.093	ug/L	93

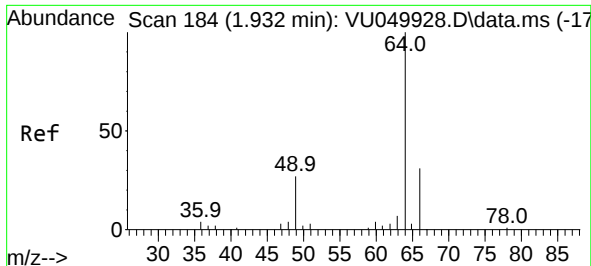
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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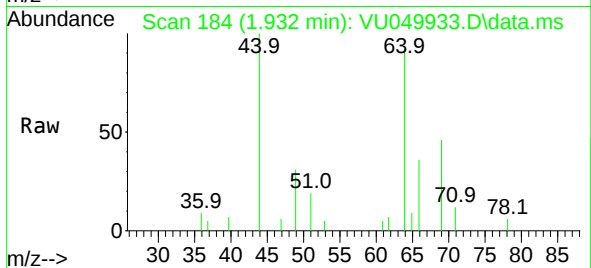
Quant Time: Jul 27 05:30:48 2022
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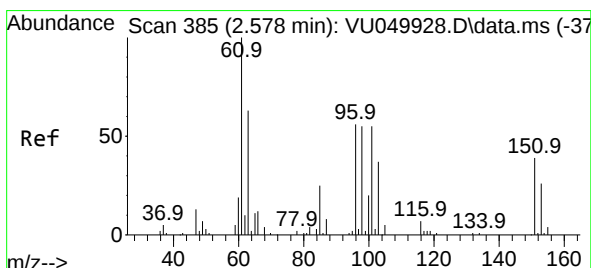
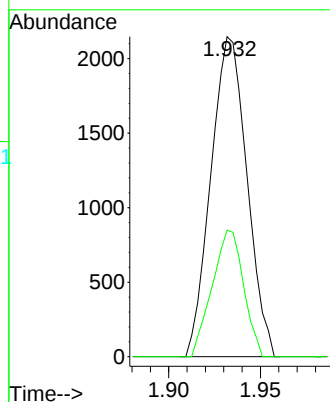
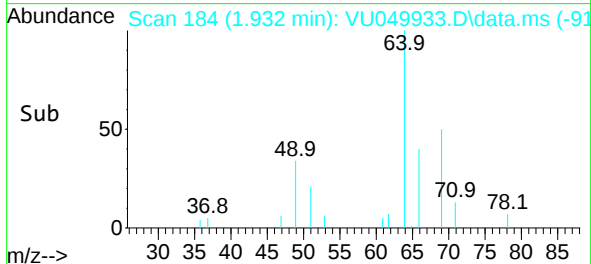


#8
Chloroethane
Concen: 0.994 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Instrument :
MSVOA_U
ClientSampleId :
GBJ27

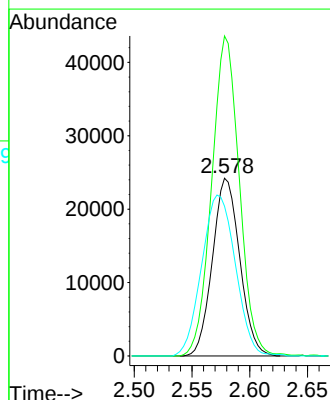
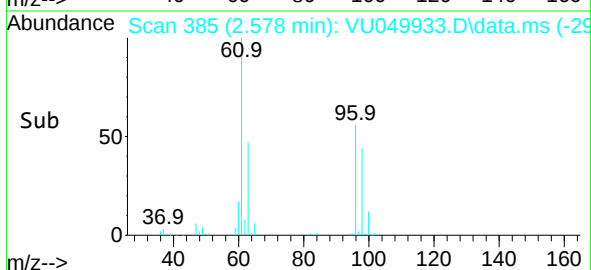
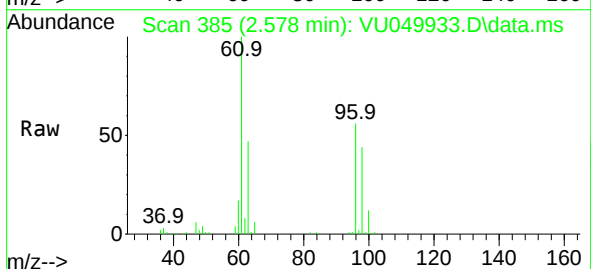


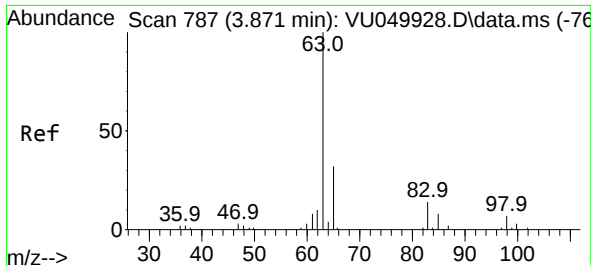
Tgt Ion: 64 Resp: 2930
Ion Ratio Lower Upper
64 100
66 39.5 22.7 42.3



#12
1,1-Dichloroethene
Concen: 12.777 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Tgt Ion: 96 Resp: 39759
Ion Ratio Lower Upper
96 100
61 180.0 131.6 244.4
63 84.3 100.0 185.6#

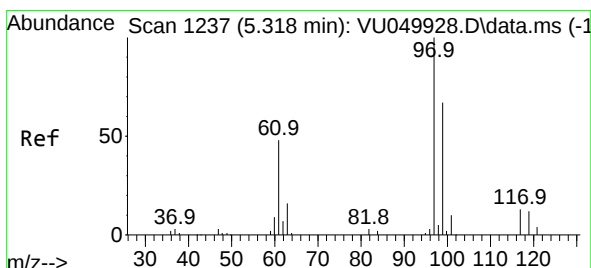
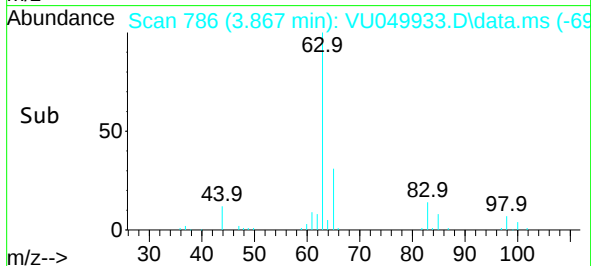
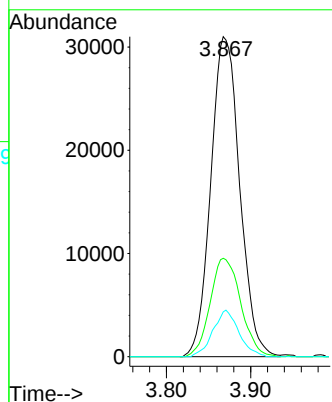
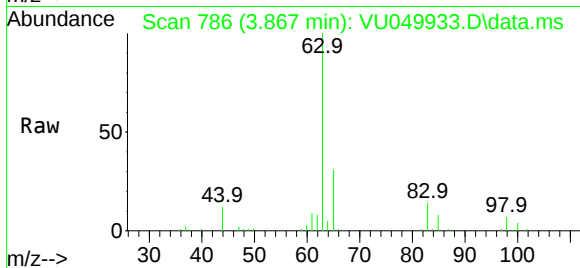




#19
1,1-Dichloroethane
Concen: 9.494 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

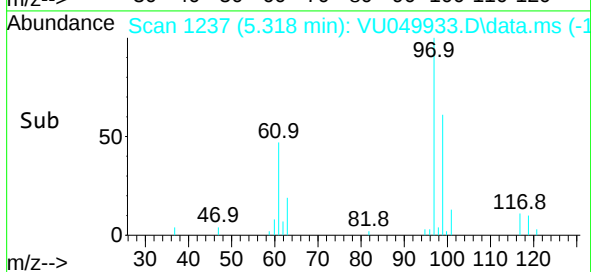
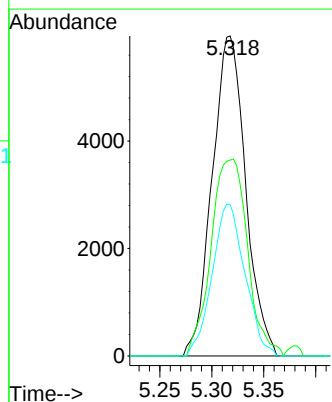
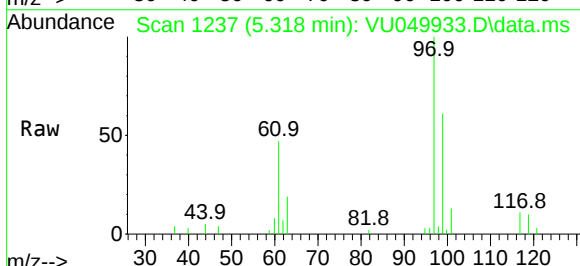
Instrument :
MSVOA_U
ClientSampleId :
GBJ27

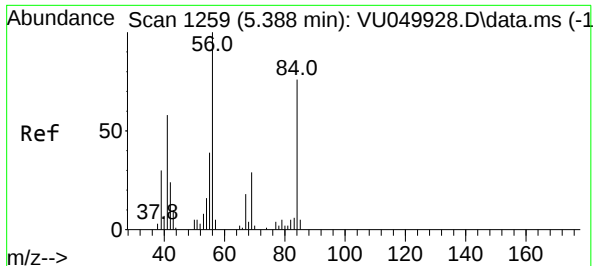
Tgt Ion:	63	Resp:	73809
Ion	Ratio	Lower	Upper
63	100		
65	30.7	22.5	41.9
83	14.0	8.3	15.5



#29
1,1,1-Trichloroethane
Concen: 2.050 ug/L
RT: 5.318 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VU049933.D
Acq: 27 Jul 2022 00:33

Tgt Ion:	97	Resp:	13332
Ion	Ratio	Lower	Upper
97	100		
99	67.1	51.8	77.8
61	46.5	38.3	57.5





#30

Cyclohexane

Concen: 0.212 ug/L

RT: 5.382 min Scan# 11

Delta R.T. -0.007 min

Lab File: VU049933.D

Acq: 27 Jul 2022 00:33

Instrument :

MSVOA_U

ClientSampleId :

GBJ27

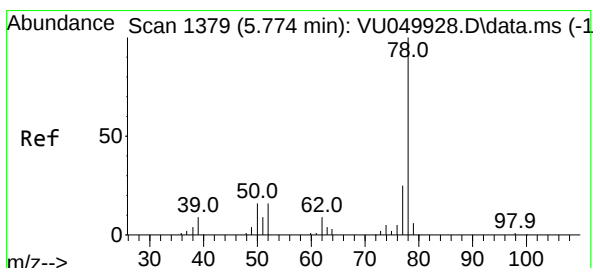
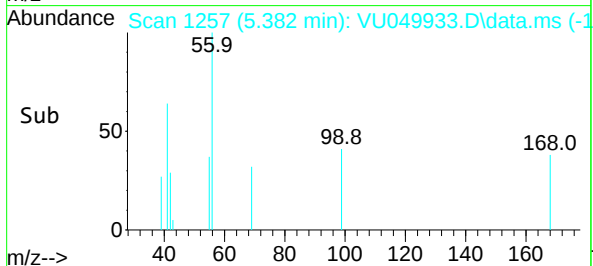
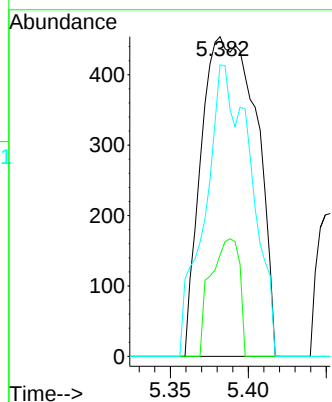
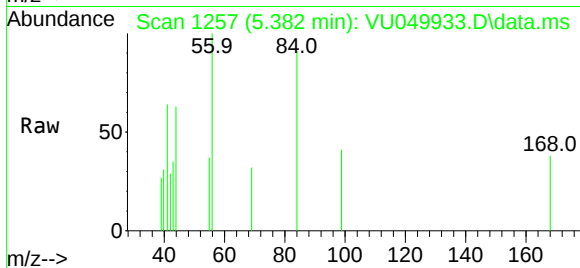
Tgt Ion: 56 Resp: 1115

Ion Ratio Lower Upper

56 100

69 19.3 22.8 34.2#

84 48.8 63.0 94.6#



#33

Benzene

Concen: 0.144 ug/L

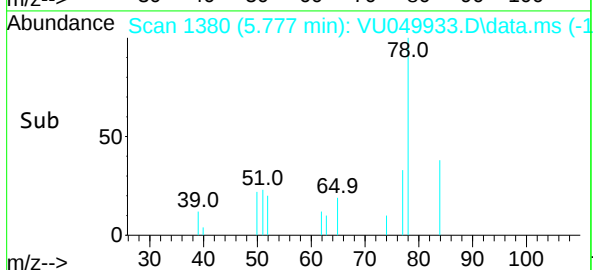
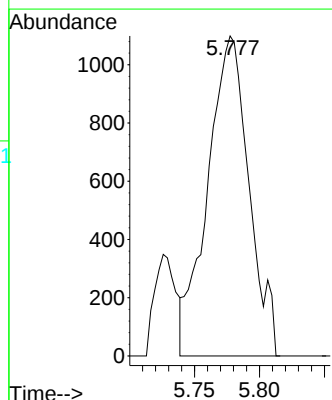
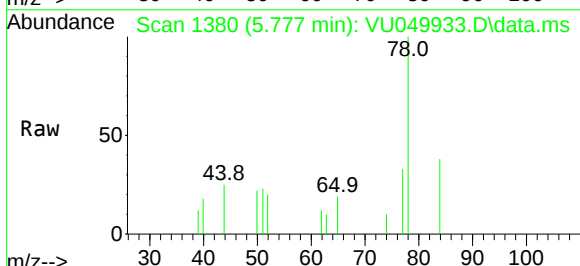
RT: 5.777 min Scan# 1380

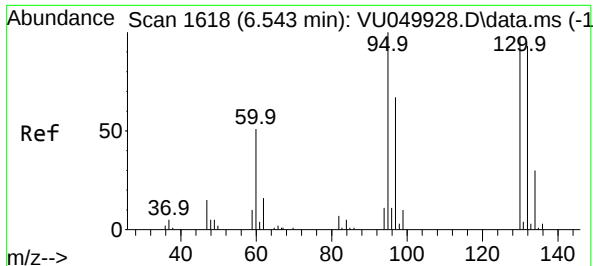
Delta R.T. 0.003 min

Lab File: VU049933.D

Acq: 27 Jul 2022 00:33

Tgt Ion: 78 Resp: 2429





#34

Trichloroethene

Concen: 0.200 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049933.D

Acq: 27 Jul 2022 00:33

Instrument :

MSVOA_U

ClientSampleId :

GBJ27

Tgt Ion: 95 Resp: 816

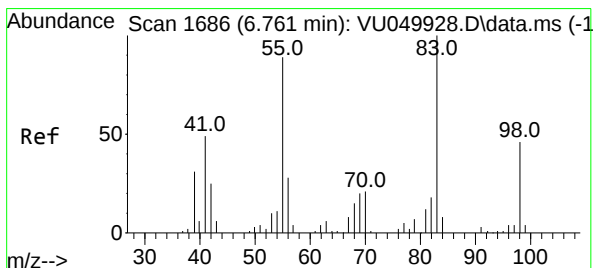
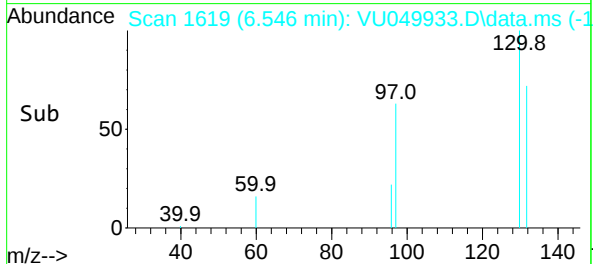
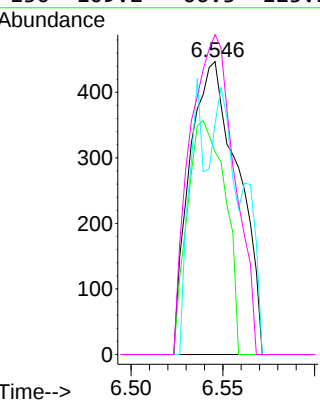
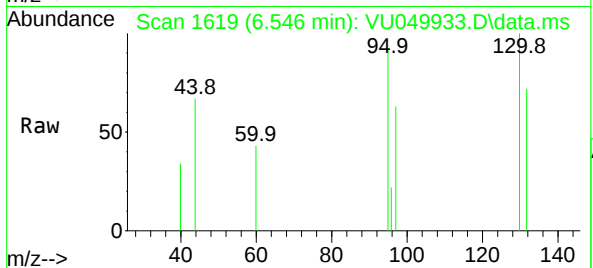
Ion Ratio Lower Upper

95 100

97 69.1 46.8 86.8

132 79.0 61.8 114.8

130 109.2 66.3 123.1



#35

Methylcyclohexane

Concen: 0.344 ug/L

RT: 6.758 min Scan# 1685

Delta R.T. -0.003 min

Lab File: VU049933.D

Acq: 27 Jul 2022 00:33

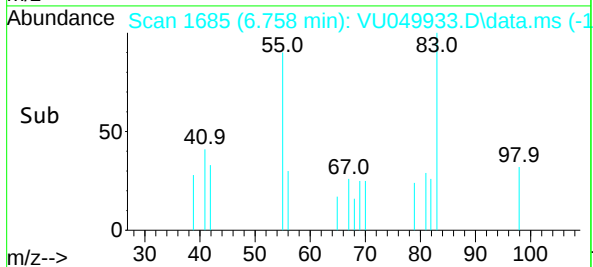
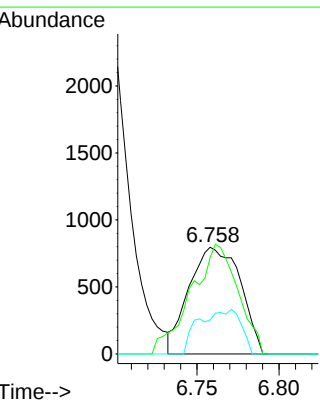
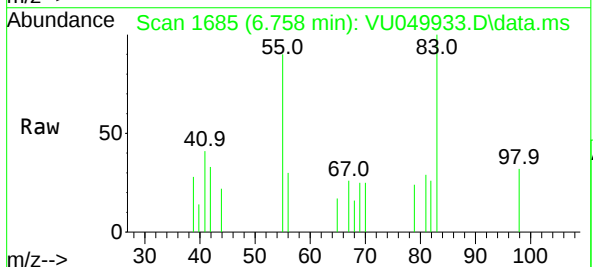
Tgt Ion: 83 Resp: 1727

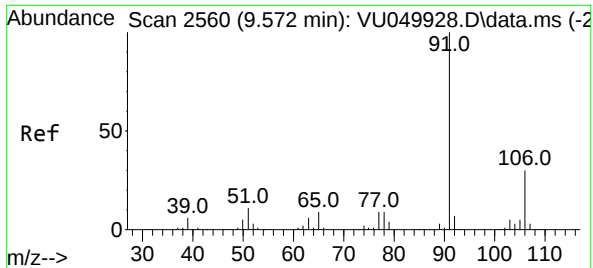
Ion Ratio Lower Upper

83 100

55 93.9 69.0 103.4

98 33.9 36.4 54.6#





#52
 Ethylbenzene
 Concen: 0.093 ug/L
 RT: 9.568 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU049933.D
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Tgt Ion: 91 Resp: 1607
 Ion Ratio Lower Upper
 91 100
 106 33.1 20.6 38.4

