

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050692.D
 Acq On : 08 Sep 2022 18:02
 Operator : SY/MD
 Sample : N4483-08ME
 Misc : 4.57g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 22:57:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

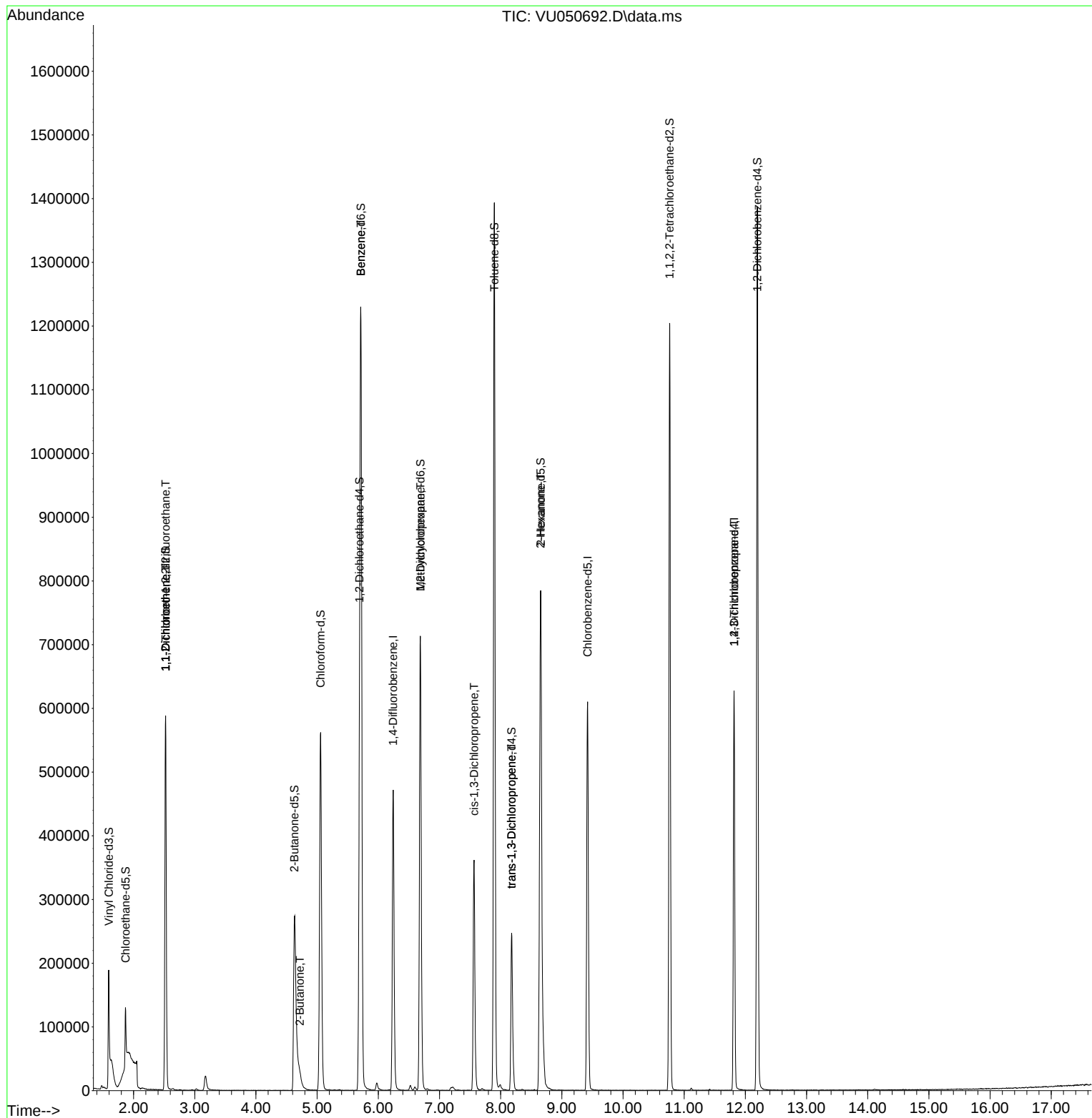
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	402869	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	400685	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	171265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	162081	47.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.080%
7) Chloroethane-d5	1.868	69	71683	30.763	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.520%#
11) 1,1-Dichloroethene-d2	2.523	63	348804	57.282	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.560%
21) 2-Butanone-d5	4.629	46	501233	198.820	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	198.820%#
24) Chloroform-d	5.057	84	557335	85.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	170.680%#
26) 1,2-Dichloroethane-d4	5.694	65	363166	91.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	182.000%#
32) Benzene-d6	5.716	84	1109364	83.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	167.560%#
36) 1,2-Dichloropropane-d6	6.687	67	370031	85.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	170.240%#
41) Toluene-d8	7.896	98	979933	86.540	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	173.080%#
43) trans-1,3-Dichloroprop...	8.179	79	166895	92.783	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	185.560%#
47) 2-Hexanone-d5	8.652	63	325269	297.448	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	297.450%#
56) 1,1,2,2-Tetrachloroeth...	10.761	84	624346	94.902	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	189.800%#
66) 1,2-Dichlorobenzene-d4	12.195	152	374082	93.306	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	186.620%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.523	101	3019	0.959	ug/L #	22
12) 1,1-Dichloroethene	2.523	96	2787	0.911	ug/L #	1
22) 2-Butanone	4.716	43	22032	7.407	ug/L	87
33) Benzene	5.716	78	8848	0.607	ug/L	100
35) Methylcyclohexane	6.687	83	88366	16.359	ug/L #	18
39) cis-1,3-Dichloropropene	7.565	75	10024	1.923	ug/L #	57
44) trans-1,3-Dichloropropene	8.179	75	7085	1.448	ug/L	87
48) 2-Hexanone	8.655	43	43586	8.898	ug/L #	67
60) 1,2,3-Trichloropropane	11.816	75	19890	3.958	ug/L #	68

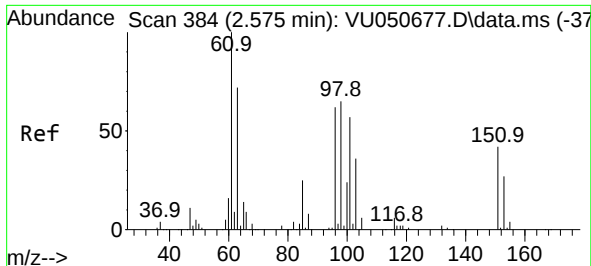
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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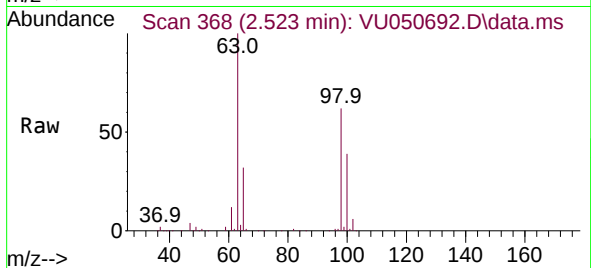
Quant Time: Sep 08 22:57:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
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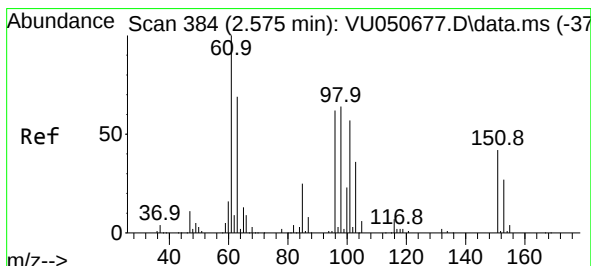
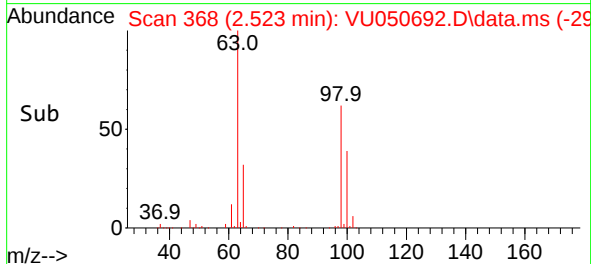
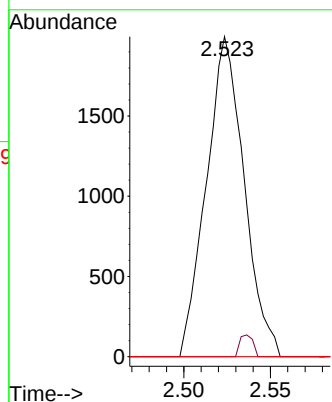


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.959 ug/L
 RT: 2.523 min Scan# 368
 Delta R.T. -0.051 min
 Lab File: VU050692.D
 Acq: 08 Sep 2022 18:02

Instrument :
 MSVOA_U
 ClientSampleId :

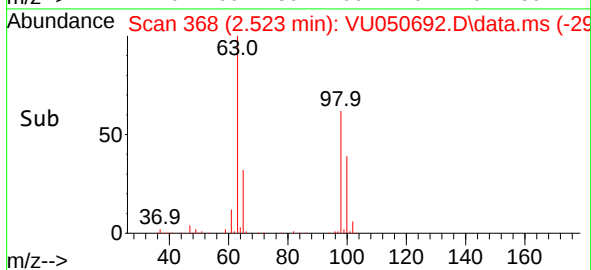
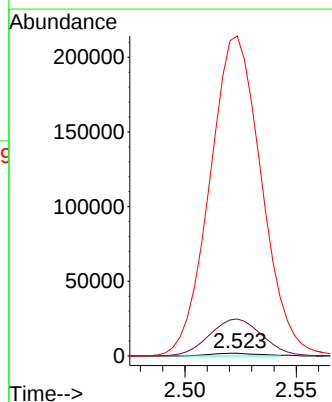
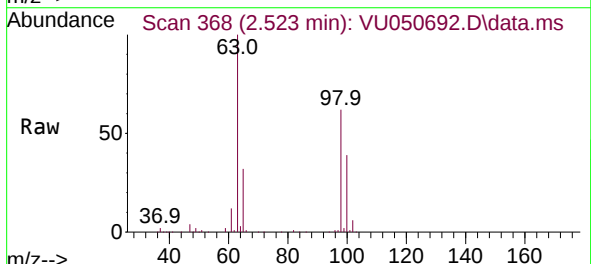


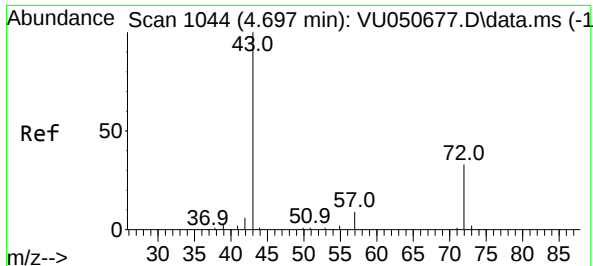
Tgt Ion:101 Resp: 3019
 Ion Ratio Lower Upper
 101 100
 85 2.4 34.4 51.6#
 151 0.0 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 0.911 ug/L
 RT: 2.523 min Scan# 368
 Delta R.T. -0.051 min
 Lab File: VU050692.D
 Acq: 08 Sep 2022 18:02

Tgt Ion: 96 Resp: 2787
 Ion Ratio Lower Upper
 96 100
 61 1377.2 118.0 219.1#
 63 11937.2 79.5 147.7#





#22

2-Butanone

Concen: 7.407 ug/L

RT: 4.716 min Scan# 1

Delta R.T. 0.019 min

Lab File: VU050692.D

Acq: 08 Sep 2022 18:02

Instrument :

MSVOA_U

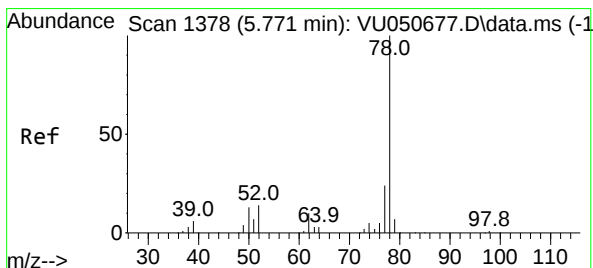
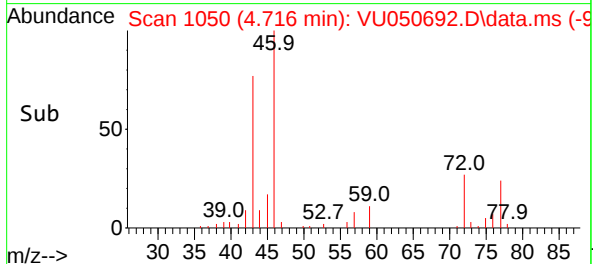
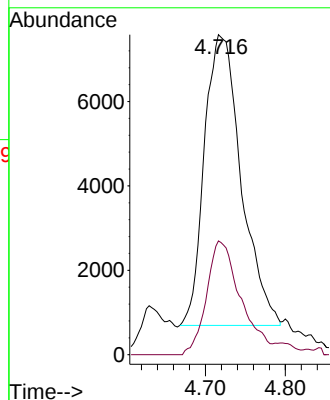
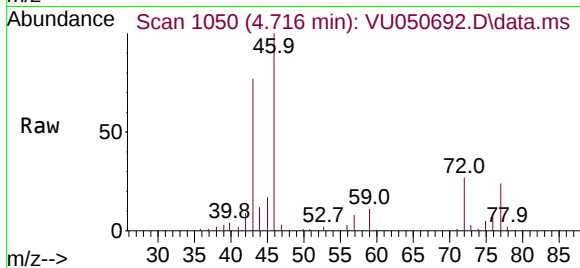
ClientSampleId :

Tgt Ion: 43 Resp: 22032

Ion Ratio Lower Upper

43 100

72 36.3 14.6 44.0



#33

Benzene

Concen: 0.607 ug/L

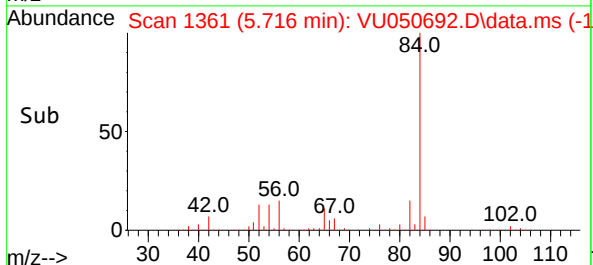
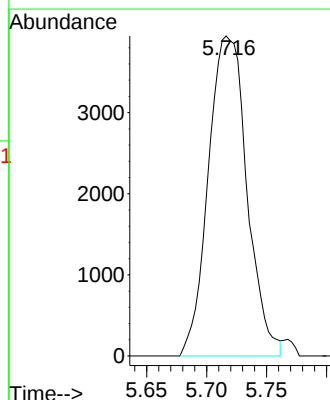
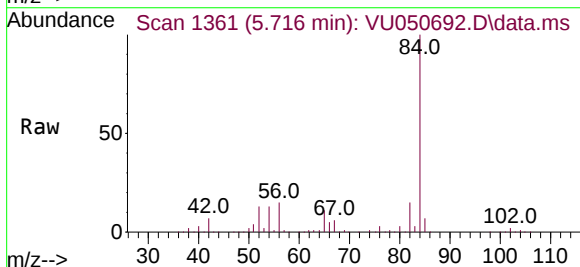
RT: 5.716 min Scan# 1361

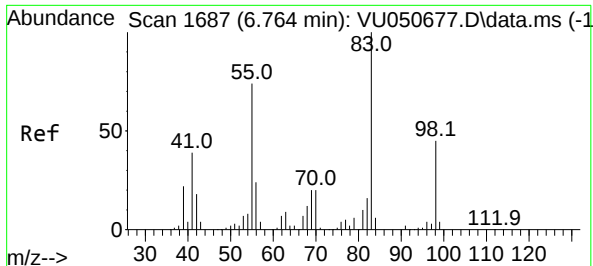
Delta R.T. -0.054 min

Lab File: VU050692.D

Acq: 08 Sep 2022 18:02

Tgt Ion: 78 Resp: 8848

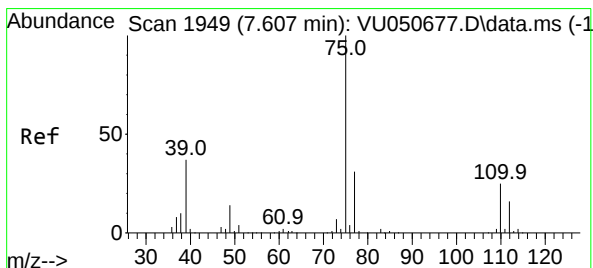
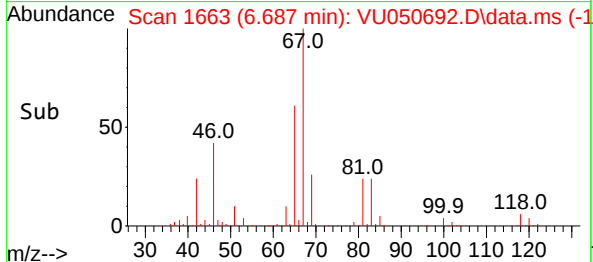
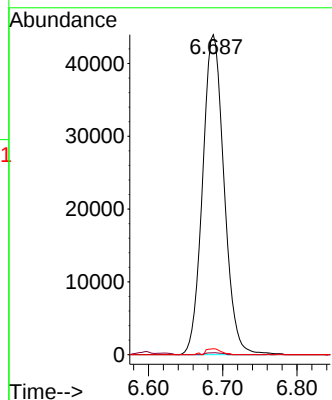
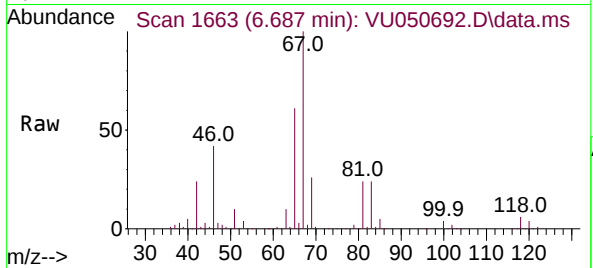




#35
Methylcyclohexane
Concen: 16.359 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.077 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

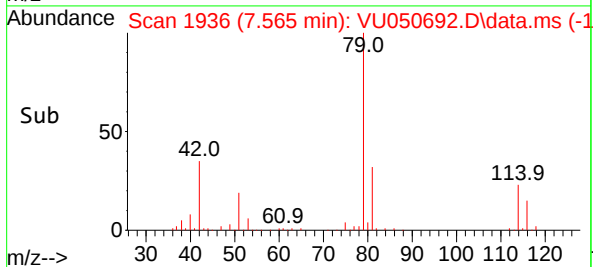
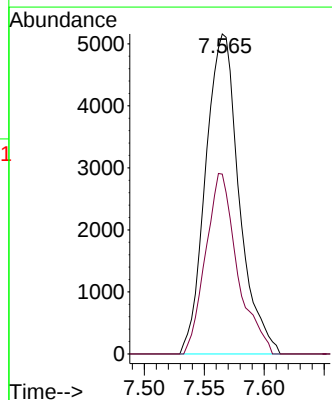
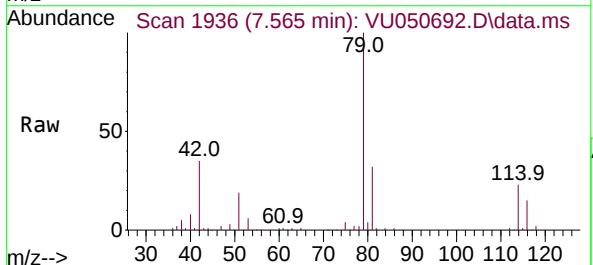
Instrument :
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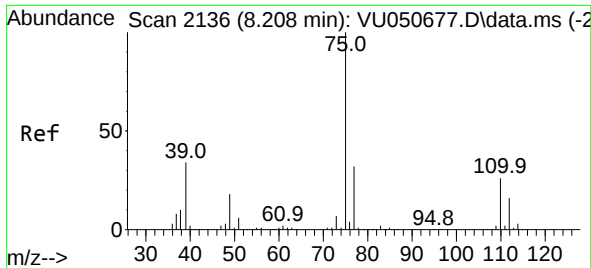
Tgt Ion: 83 Resp: 88366
Ion Ratio Lower Upper
83 100
55 0.4 62.6 93.8#
98 0.1 35.5 53.3#



#39
cis-1,3-Dichloropropene
Concen: 1.923 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

Tgt Ion: 75 Resp: 10024
Ion Ratio Lower Upper
75 100
77 56.2 22.5 41.7#

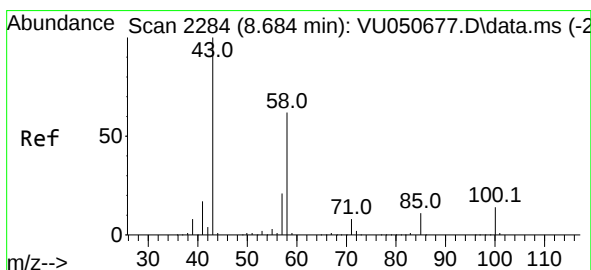
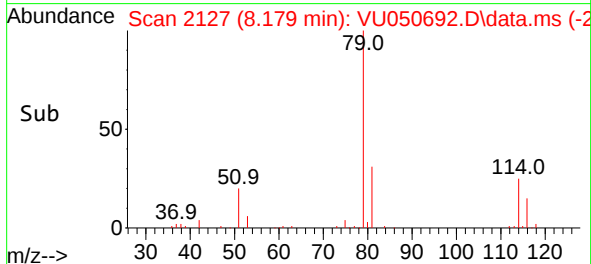
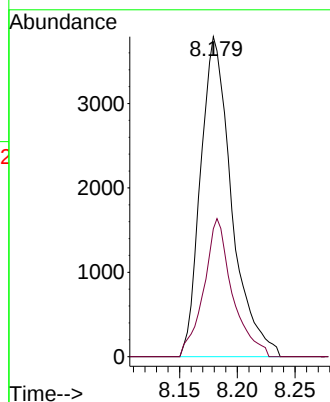
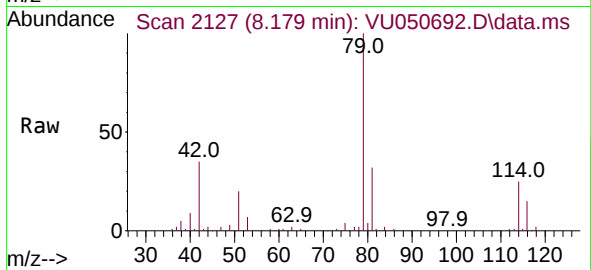




#44
trans-1,3-Dichloropropene
Concen: 1.448 ug/L
RT: 8.179 min Scan# 2136
Delta R.T. -0.029 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

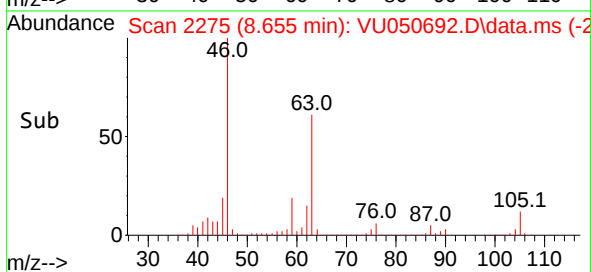
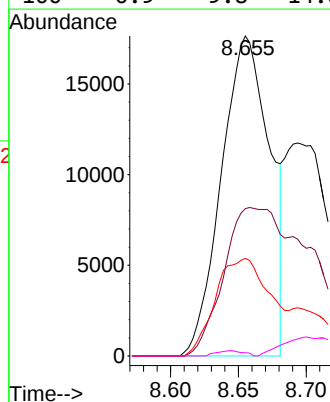
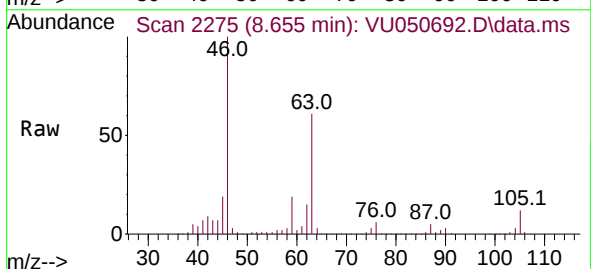
Instrument :
MSVOA_U
ClientSampleId :

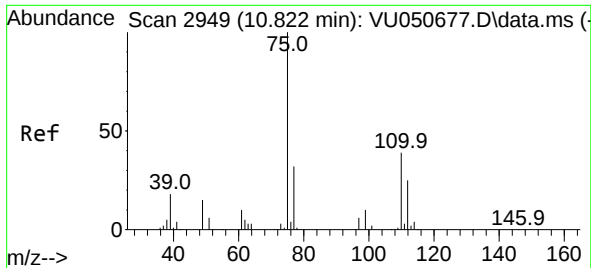
Tgt Ion: 75 Resp: 7085
Ion Ratio Lower Upper
75 100
77 38.7 22.1 41.1



#48
2-Hexanone
Concen: 8.898 ug/L
RT: 8.655 min Scan# 2275
Delta R.T. -0.029 min
Lab File: VU050692.D
Acq: 08 Sep 2022 18:02

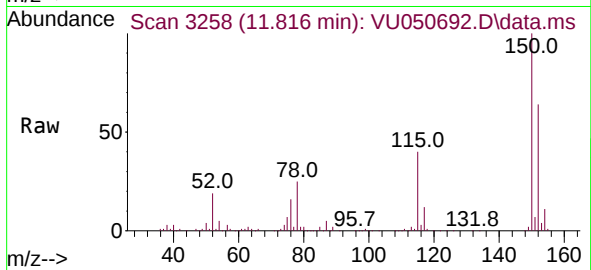
Tgt Ion: 43 Resp: 43586
Ion Ratio Lower Upper
43 100
58 37.4 51.8 77.6#
57 35.5 17.0 25.4#
100 0.9 9.8 14.8#





#60
 1,2,3-Trichloropropane
 Concen: 3.958 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU050692.D
 Acq: 08 Sep 2022 18:02

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	19890
Ion Ratio	Lower	Upper
75	100	
77	33.5	25.8 38.8
110	1.6	29.3 43.9#

