

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102021\
 Data File : VU045340.D
 Acq On : 20 Oct 2021 11:55
 Operator : SY/MD
 Sample : VU1020MBL03
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 21 01:57:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 21 01:57:14 2021
 Response via : Initial Calibration

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

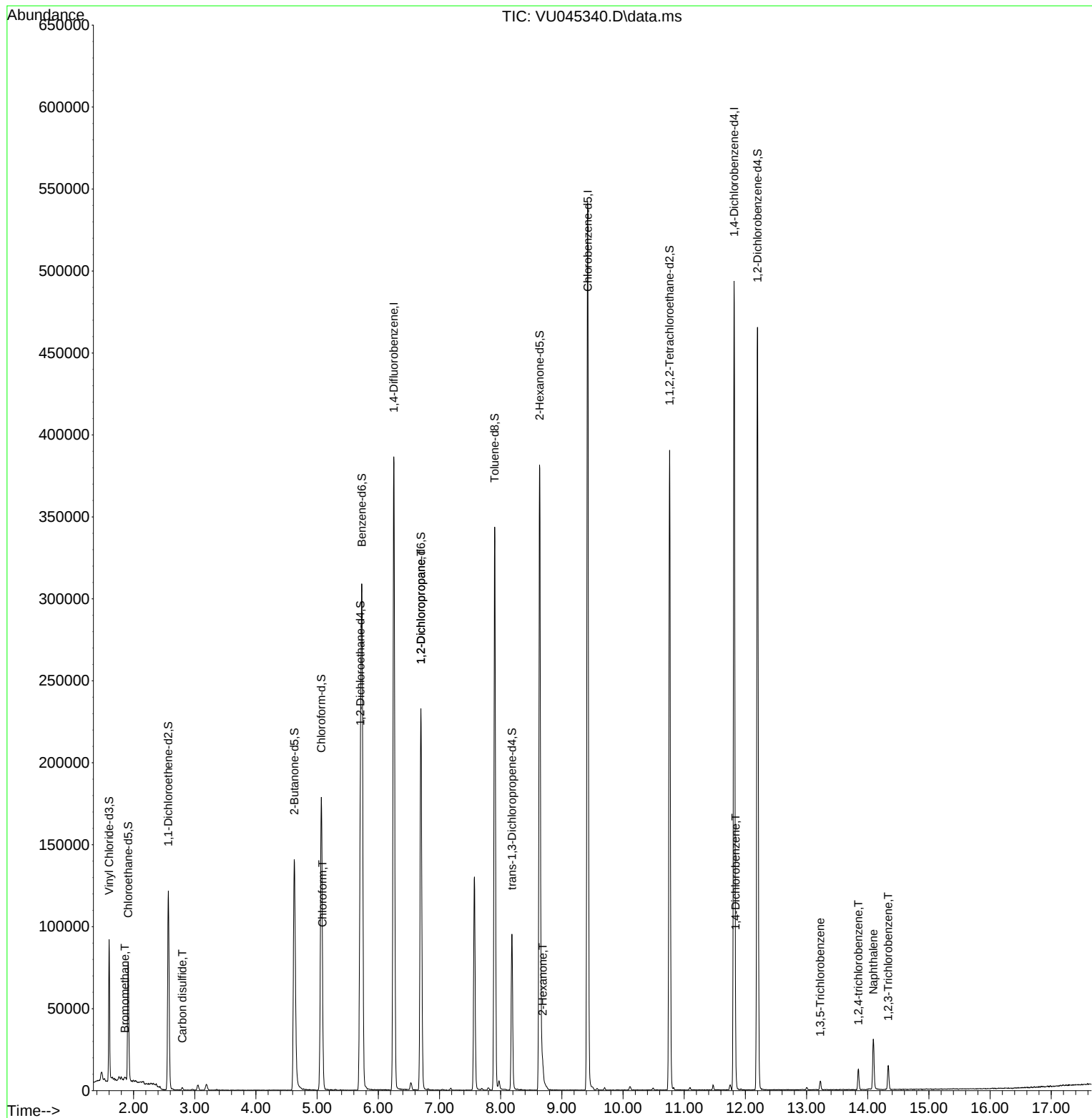
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	307655	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	292114	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	125133	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57474	42.884	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.760%
7) Chloroethane-d5	1.912	69	58541	45.710	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.420%
11) 1,1-Dichloroethene-d2	2.568	63	71778	26.897	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.800%#
21) 2-Butanone-d5	4.626	46	204045	101.997	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	5.070	84	164303	46.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.706	65	116602	47.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.720%
32) Benzene-d6	5.732	84	272672	49.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.260%
36) 1,2-Dichloropropane-d6	6.697	67	109501	51.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.540%
41) Toluene-d8	7.902	98	219842	46.911	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.820%
43) trans-1,3-Dichloroprop...	8.185	79	52213	48.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.320%
47) 2-Hexanone-d5	8.635	63	137280	102.442	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	199325	49.367	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.740%
66) 1,2-Dichlorobenzene-d4	12.198	152	115954	53.408	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.820%
Target Compounds						
					Qvalue	
6) Bromomethane	1.858	94	1458	0.981	ug/L	90
14) Carbon disulfide	2.797	76	1829	0.333	ug/L #	94
25) Chloroform	5.089	83	2757	0.617	ug/L #	68
37) 1,2-Dichloropropane	6.697	63	11946	4.830	ug/L #	88
48) 2-Hexanone	8.687	43	5685	1.785	ug/L #	77
65) 1,4-Dichlorobenzene	11.838	146	2043	0.521	ug/L	94
69) 1,3,5-Trichlorobenzene	13.224	180	2021	0.759	ug/L	95
70) 1,2,4-trichlorobenzene	13.844	180	4052	1.815	ug/L	98
71) Naphthalene	14.092	128	25628	3.435	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	5049	2.264	ug/L	98

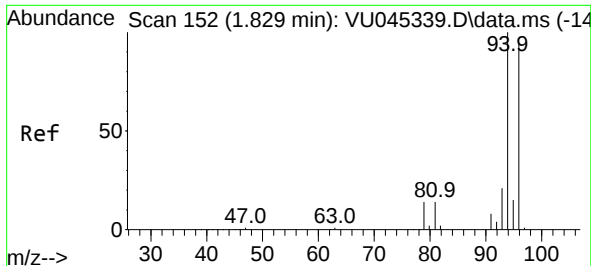
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 21 01:57:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 21 01:57:14 2021
Response via : Initial Calibration

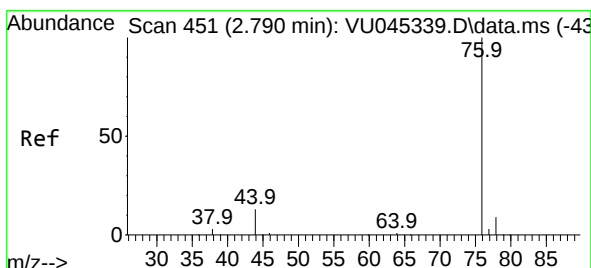
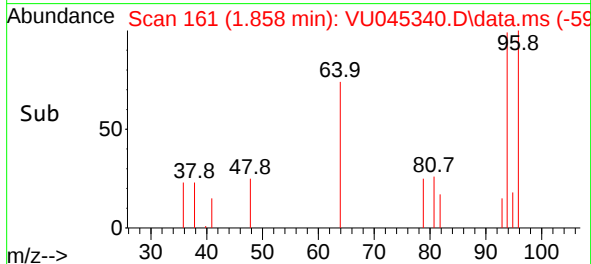
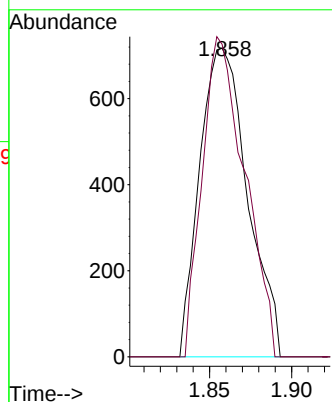
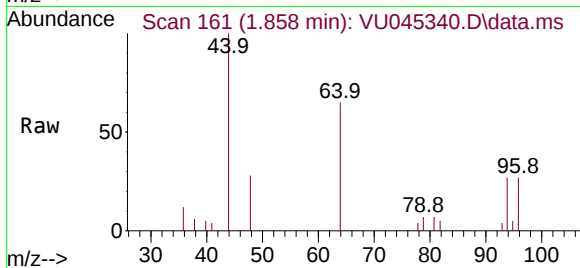




#6
Bromomethane
Concen: 0.981 ug/L
RT: 1.858 min Scan# 161
Delta R.T. 0.029 min
Lab File: VU045340.D
Acq: 20 Oct 2021 11:55

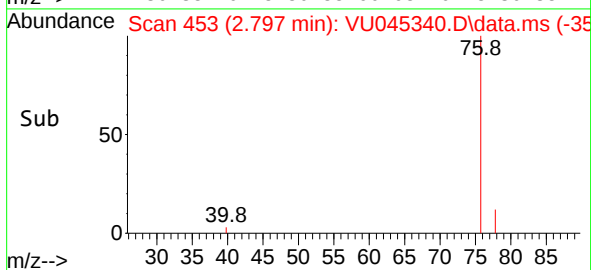
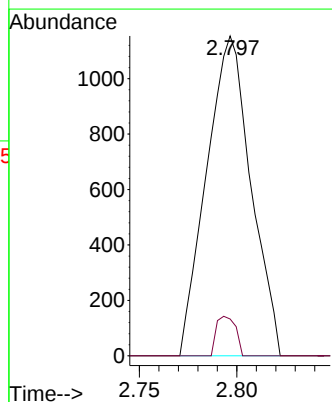
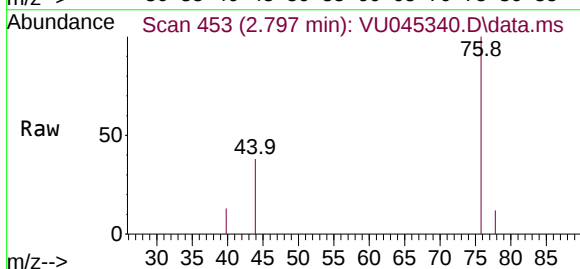
Instrument :
MSVOA_U
ClientSampleId :

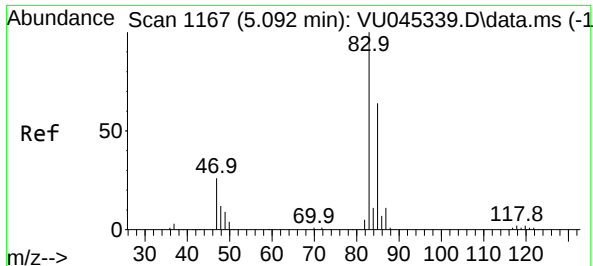
Tgt Ion: 94 Resp: 1458
Ion Ratio Lower Upper
94 100
96 101.3 64.1 119.1



#14
Carbon disulfide
Concen: 0.333 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.006 min
Lab File: VU045340.D
Acq: 20 Oct 2021 11:55

Tgt Ion: 76 Resp: 1829
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0#





#25

Chloroform

Concen: 0.617 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU045340.D

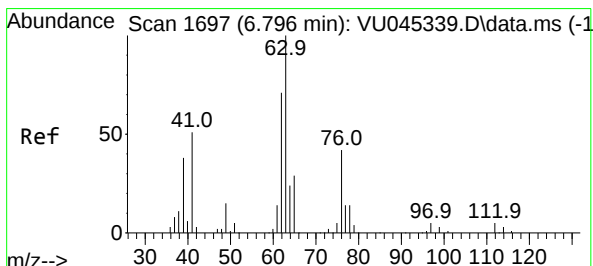
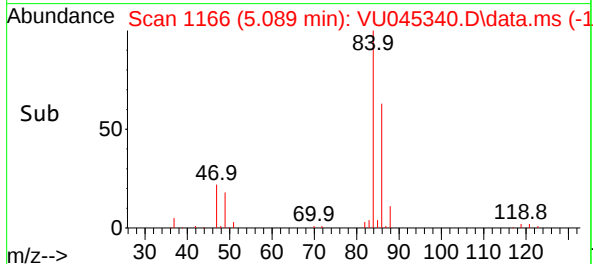
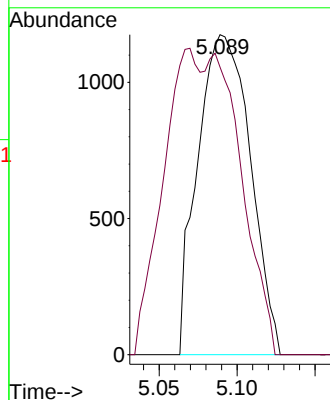
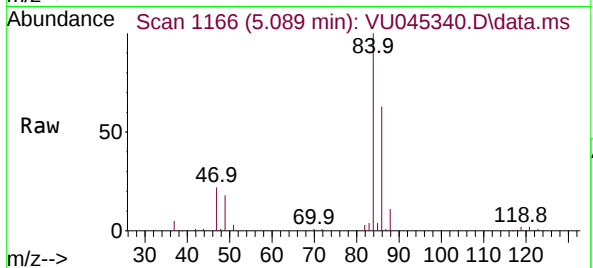
Acq: 20 Oct 2021 11:55

Tgt Ion: 83 Resp: 2757

Ion Ratio Lower Upper

83 100

85 89.9 45.4 84.2#



#37

1,2-Dichloropropane

Concen: 4.830 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.100 min

Lab File: VU045340.D

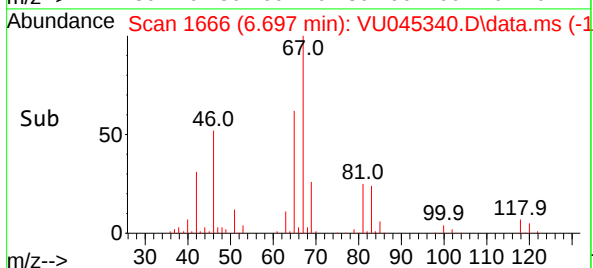
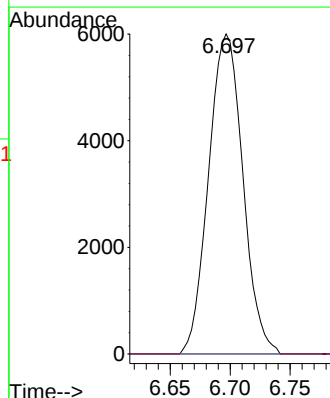
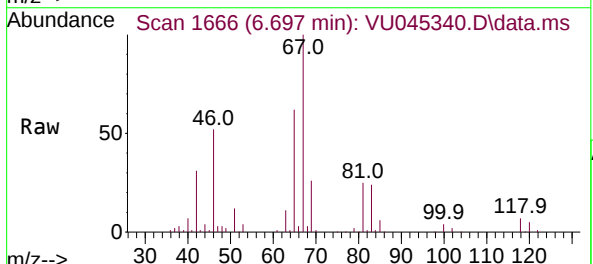
Acq: 20 Oct 2021 11:55

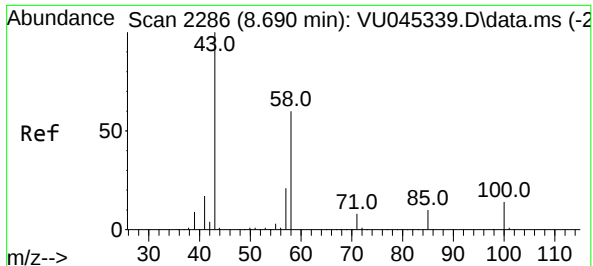
Tgt Ion: 63 Resp: 11946

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

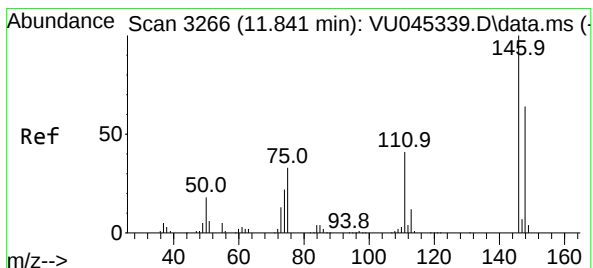
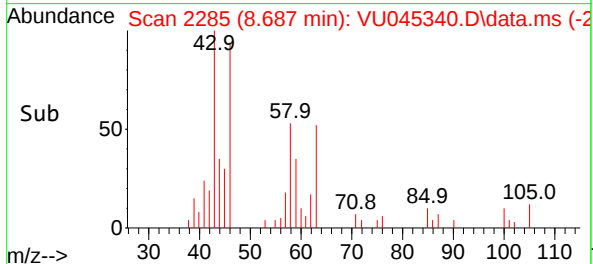
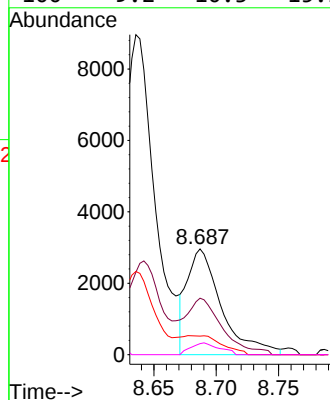
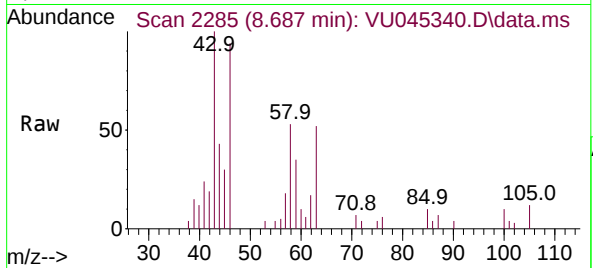




#48
2-Hexanone
Concen: 1.785 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU045340.D
Acq: 20 Oct 2021 11:55

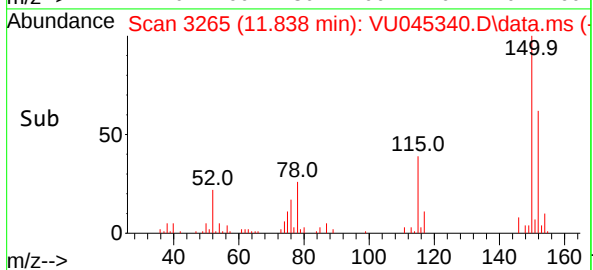
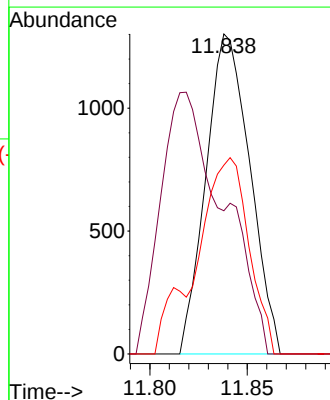
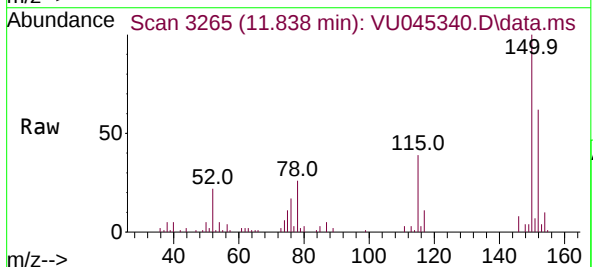
Instrument :
MSVOA_U
ClientSampled :

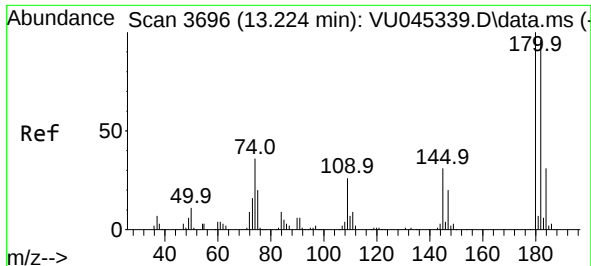
Tgt Ion: 43	Resp: 5685
Ion Ratio	Lower Upper
43	100
58	42.4 45.4 68.0#
57	0.0 16.0 24.0#
100	9.2 10.3 15.5#



#65
1,4-Dichlorobenzene
Concen: 0.521 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU045340.D
Acq: 20 Oct 2021 11:55

Tgt Ion: 146	Resp: 2043
Ion Ratio	Lower Upper
146	100
111	44.8 28.6 53.2
148	59.0 44.2 82.0

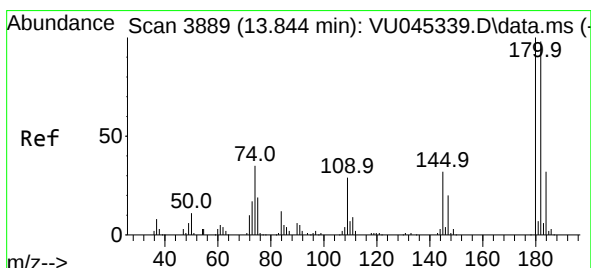
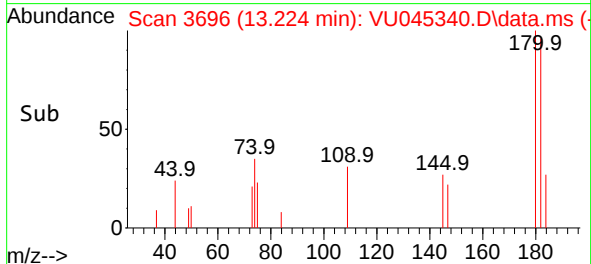
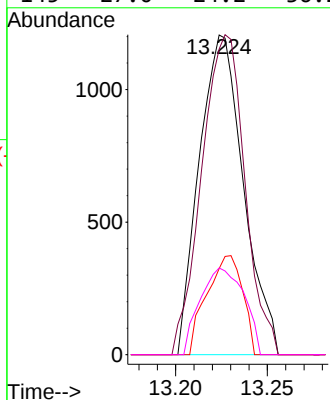
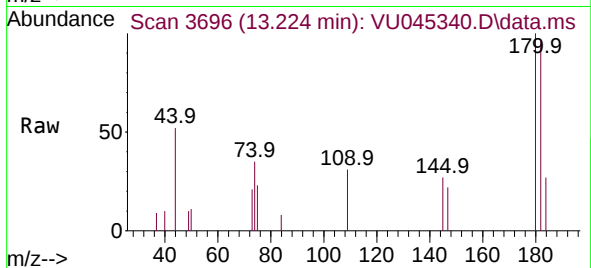




#69
1,3,5-Trichlorobenzene
Concen: 0.759 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VU045340.D
Acq: 20 Oct 2021 11:55

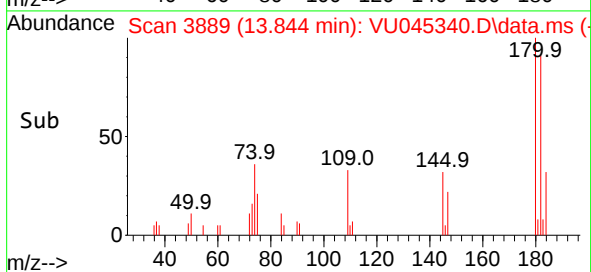
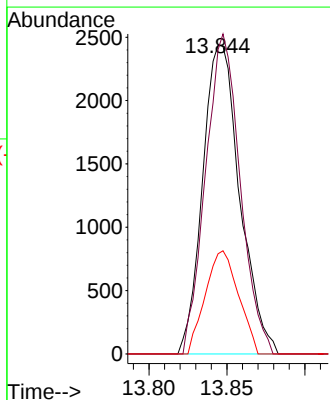
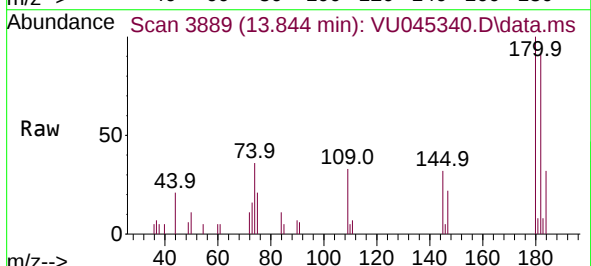
Instrument :
MSVOA_U
ClientSampled :

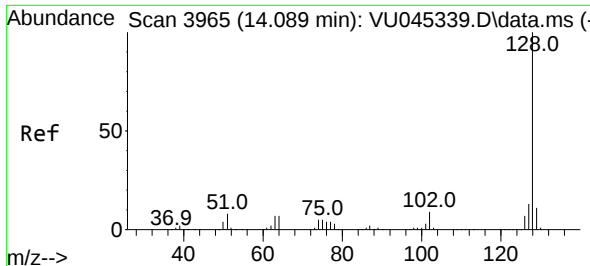
Tgt Ion:	180	Resp:	2021
Ion Ratio	Lower	Upper	
180	100		
182	97.7	76.0	114.0
184	25.1	23.8	35.8
145	27.0	24.2	36.2



#70
1,2,4-trichlorobenzene
Concen: 1.815 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. -0.000 min
Lab File: VU045340.D
Acq: 20 Oct 2021 11:55

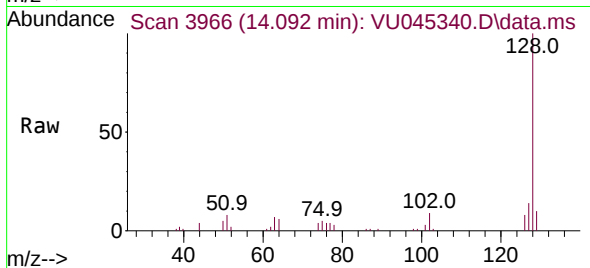
Tgt Ion:	180	Resp:	4052
Ion Ratio	Lower	Upper	
180	100		
182	96.0	75.7	113.5
145	29.7	25.1	37.7



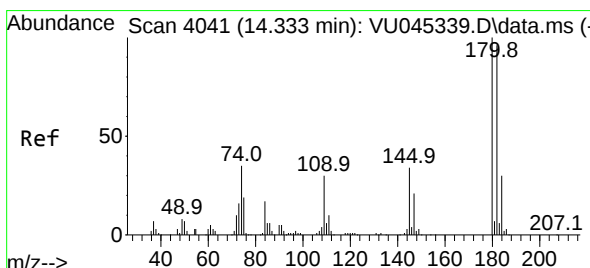
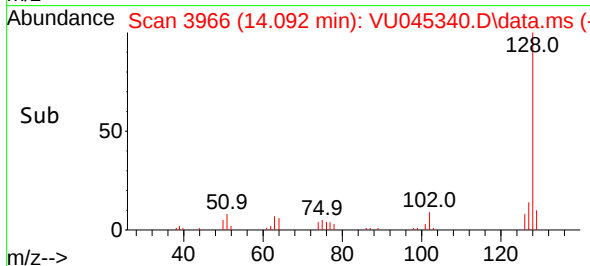
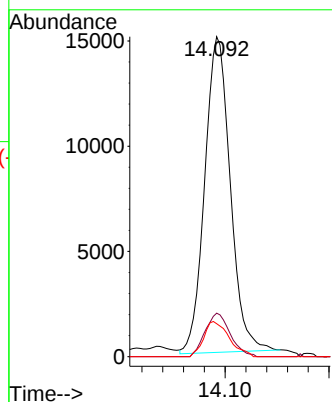


#71
Naphthalene
Concen: 3.435 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU045340.D
Acq: 20 Oct 2021 11:55

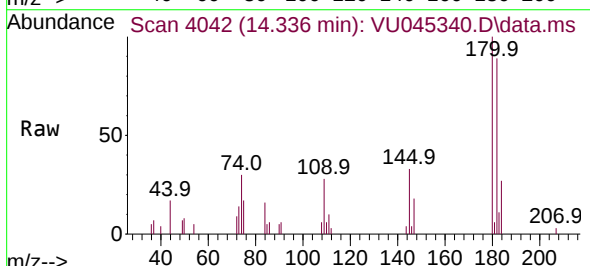
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 25628
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.264 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.003 min
Lab File: VU045340.D
Acq: 20 Oct 2021 11:55



Tgt Ion:180 Resp: 5049
Ion Ratio Lower Upper
180 100
182 91.5 75.0 112.4
145 31.9 26.4 39.6

