

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045257.D
 Acq On : 08 Oct 2021 17:27
 Operator : SY/MD
 Sample : M4000-21MEDL 10X
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 09 05:32:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	279578	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	275947	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	134599	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	93175	30.444	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	60.880%		
7) Chloroethane-d5	1.880	69	90945	37.499	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.000%		
11) 1,1-Dichloroethene-d2	2.556	63	134536	26.176	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	52.360%#		
21) 2-Butanone-d5	4.629	46	222971	92.152	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.150%		
24) Chloroform-d	5.067	84	200809	41.542	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.080%		
26) 1,2-Dichloroethane-d4	5.703	65	147731	45.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.240%		
32) Benzene-d6	5.729	84	428031	44.702	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.400%		
36) 1,2-Dichloropropane-d6	6.694	67	143128	45.842	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.680%		
41) Toluene-d8	7.899	98	388998	47.075	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.160%		
43) trans-1,3-Dichloroprop...	8.182	79	63068	45.411	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.820%		
47) 2-Hexanone-d5	8.639	63	165572	95.694	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.690%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	235809	48.502	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.000%		
66) 1,2-Dichlorobenzene-d4	12.198	152	148012	50.529	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.060%		
Target Compounds						Qvalue
8) Chloroethane	1.597	64	13738	6.696	ug/L	91
16) Methylene chloride	3.041	84	3488	1.272	ug/L	91
25) Chloroform	5.086	83	5436	1.152	ug/L	93
29) Cyclohexane	5.385	56	31031	7.481	ug/L #	83
34) Trichloroethene	6.546	95	1923	0.782	ug/L #	84
35) Methylcyclohexane	6.764	83	141884	34.474	ug/L	92
39) cis-1,3-Dichloropropene	7.568	75	3844	0.964	ug/L #	59
42) Toluene	7.973	91	6422	0.618	ug/L	95
44) trans-1,3-Dichloropropene	8.186	75	2933	0.774	ug/L #	74
45) 1,1,2-Trichloroethane	8.372	97	27294	10.808	ug/L #	18
48) 2-Hexanone	8.639	43	92145	22.322	ug/L #	34
52) Ethylbenzene	9.575	91	22317	2.031	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.761	83	4742	0.981	ug/L #	32
61) Isopropylbenzene	11.295	105	32964	3.346	ug/L	96
62) 1,3,5-Trimethylbenzene	11.092	105	8816	1.072	ug/L	96
71) Naphthalene	14.089	128	17589	1.933	ug/L #	94

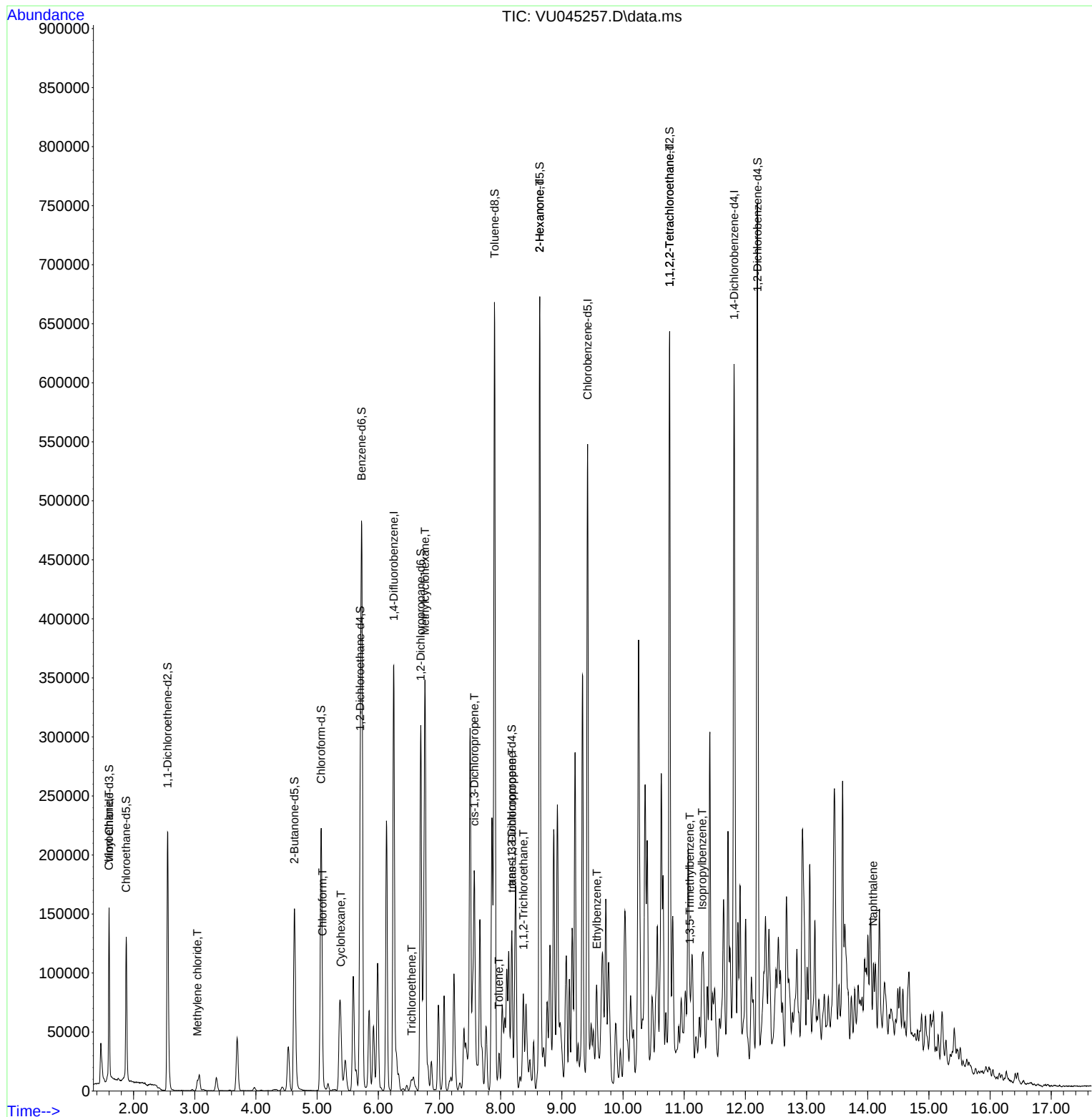
(#) = qualifier out of range (m) = manual integration (+) = signals summed

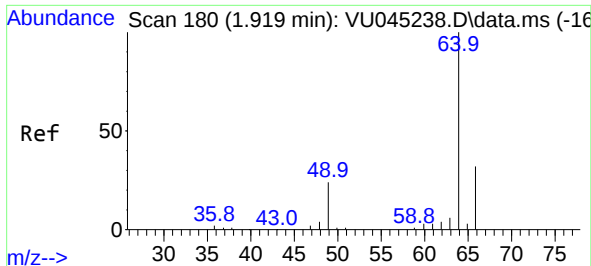
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045257.D
Acq On : 08 Oct 2021 17:27
Operator : SY/MD
Sample : M4000-21MEDL 10X
Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 09 05:32:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration

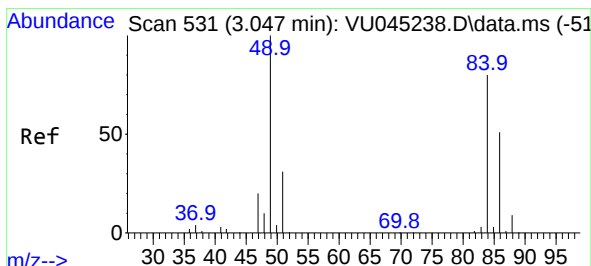
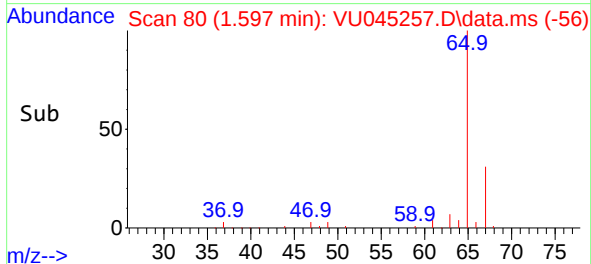
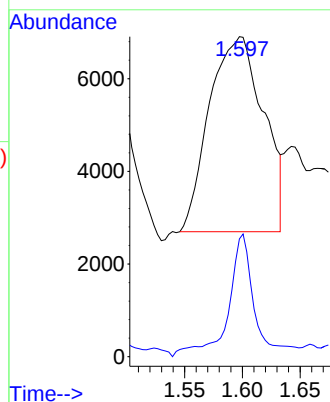
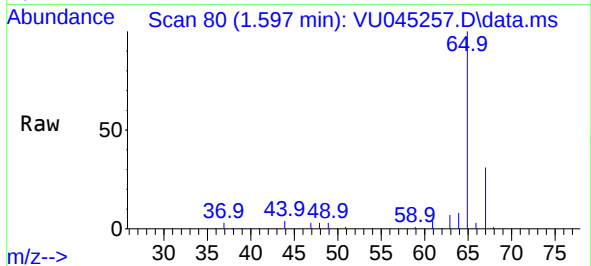




#8
Chloroethane
Concen: 6.696 ug/L
RT: 1.597 min Scan# 80
Delta R.T. -0.321 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

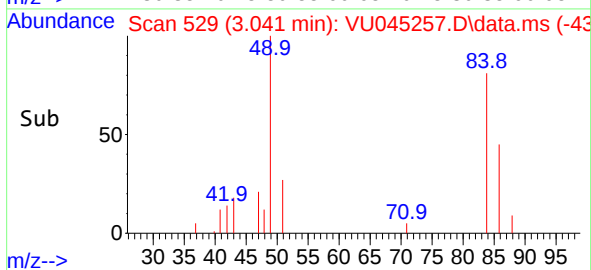
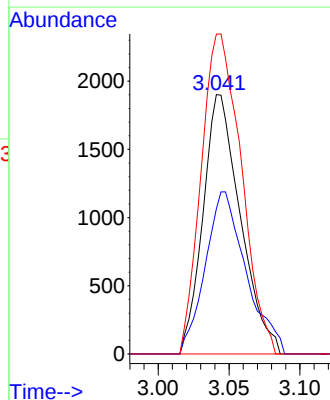
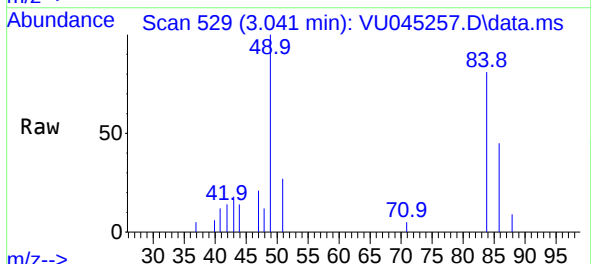
Instrument :
MSVOA_U
ClientSampled :

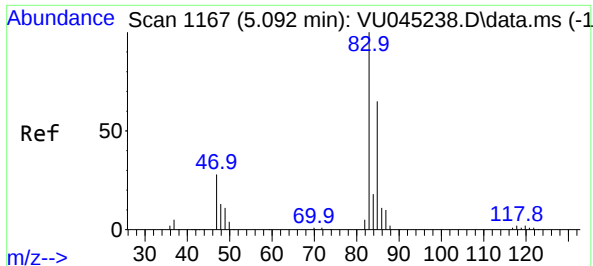
Tgt Ion: 64 Resp: 13738
Ion Ratio Lower Upper
64 100
66 36.8 22.3 41.3



#16
Methylene chloride
Concen: 1.272 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.006 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Tgt Ion: 84 Resp: 3488
Ion Ratio Lower Upper
84 100
86 56.0 44.7 83.1
49 123.4 92.9 172.5

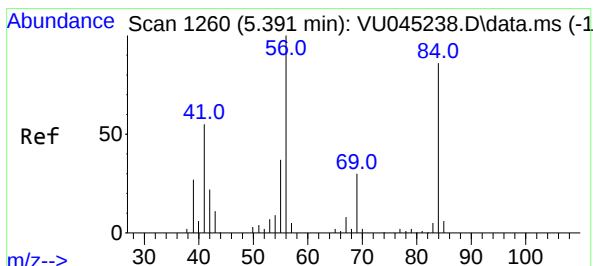
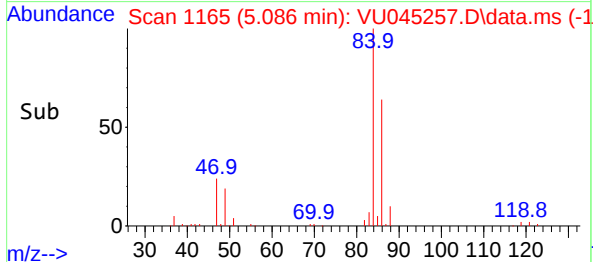
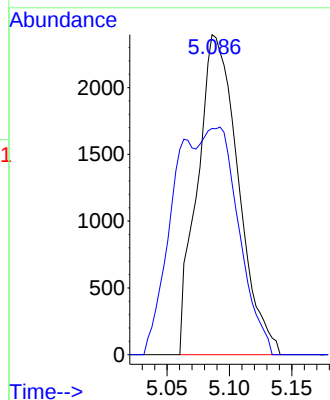
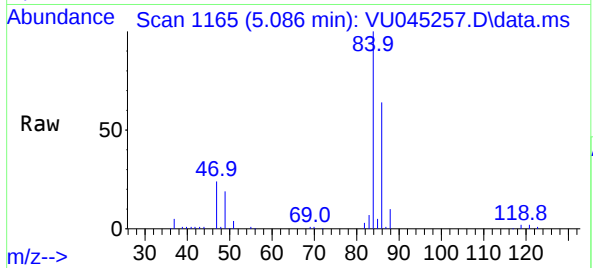




#25
Chloroform
Concen: 1.152 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.006 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

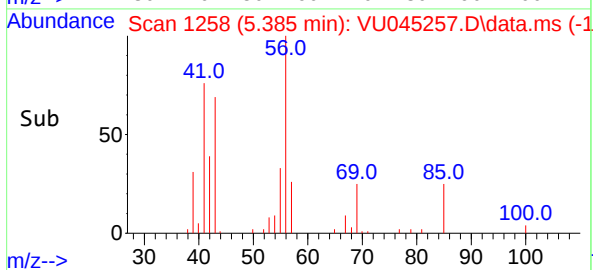
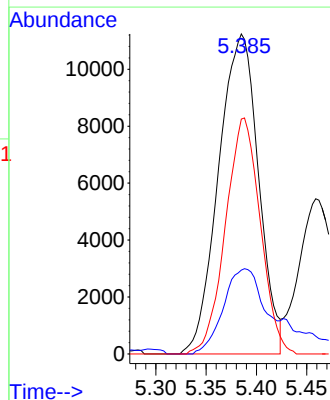
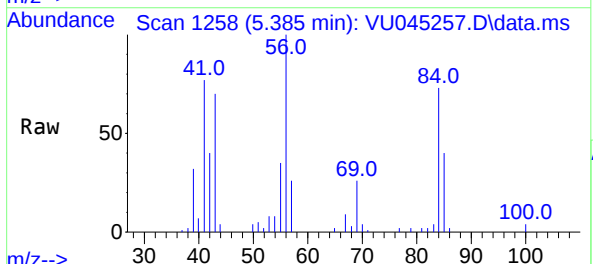
Instrument :
MSVOA_U
ClientSampled :

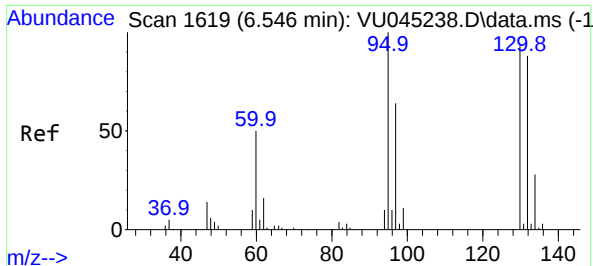
Tgt Ion: 83 Resp: 5436
Ion Ratio Lower Upper
83 100
85 70.7 45.6 84.6



#29
Cyclohexane
Concen: 7.481 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Tgt Ion: 56 Resp: 31031
Ion Ratio Lower Upper
56 100
69 26.9 23.8 35.8
84 64.3 66.8 100.2#



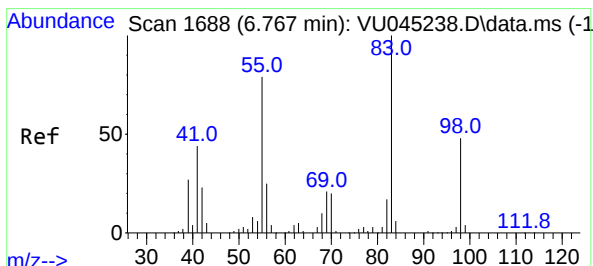
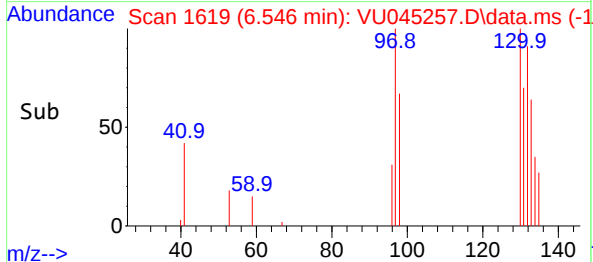
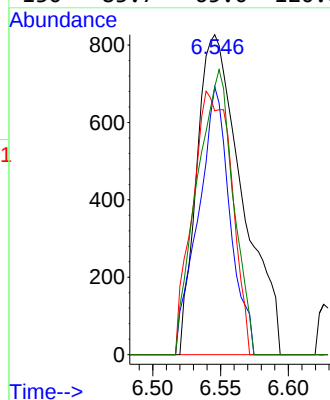
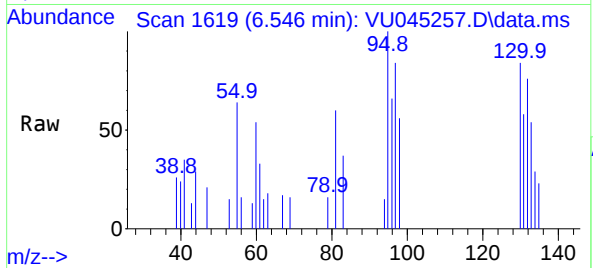


#34
Trichloroethene
Concen: 0.782 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1923

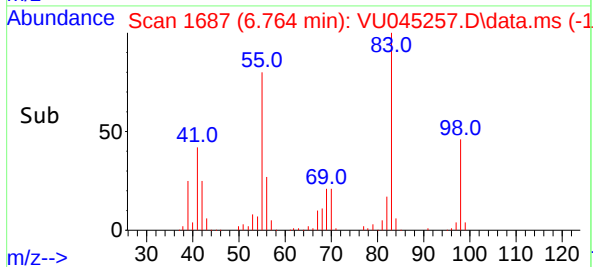
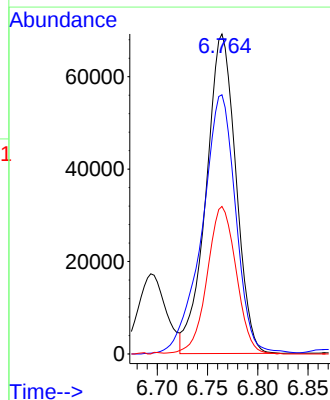
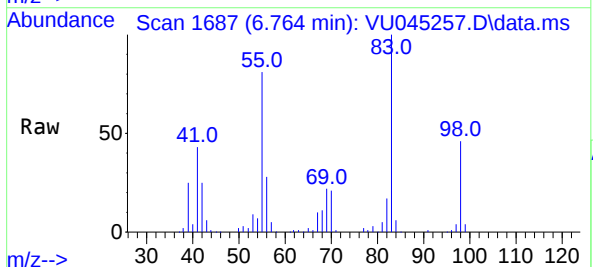
Ion	Ratio	Lower	Upper
95	100		
97	83.7	44.4	82.4#
132	76.2	62.9	116.9
130	83.7	65.0	120.8

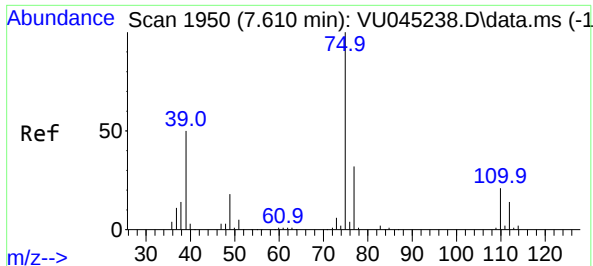


#35
Methylcyclohexane
Concen: 34.474 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Tgt Ion: 83 Resp: 141884

Ion	Ratio	Lower	Upper
83	100		
55	92.2	65.8	98.6
98	45.3	37.1	55.7



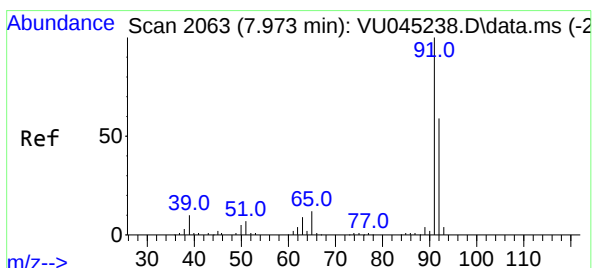
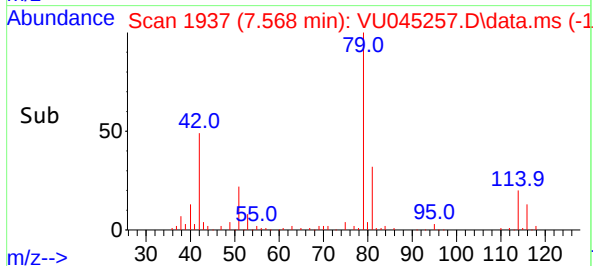
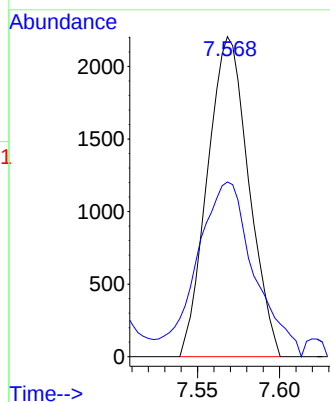
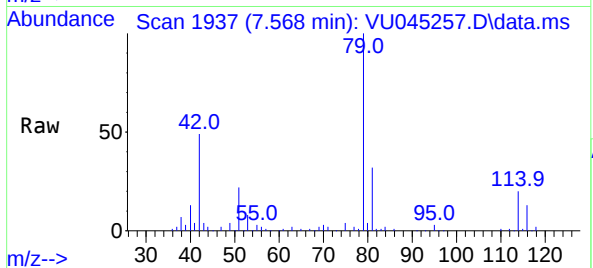


#39

cis-1,3-Dichloropropene
Concen: 0.964 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Instrument :
MSVOA_U
ClientSampled :

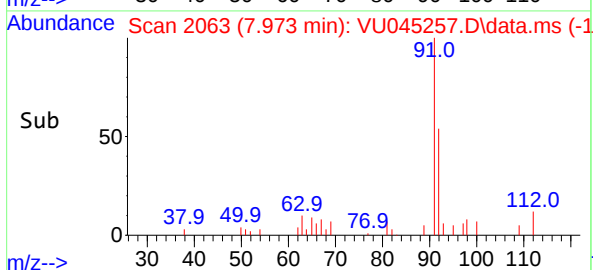
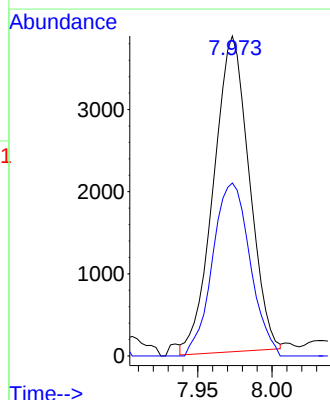
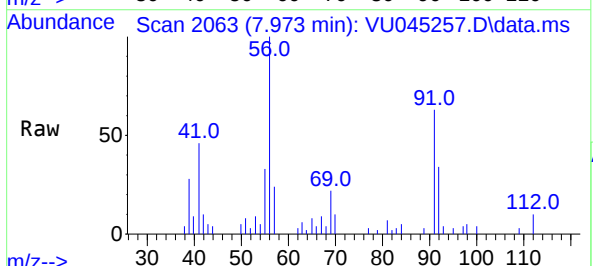
Tgt Ion: 75 Resp: 3844
Ion Ratio Lower Upper
75 100
77 54.6 22.4 41.6#

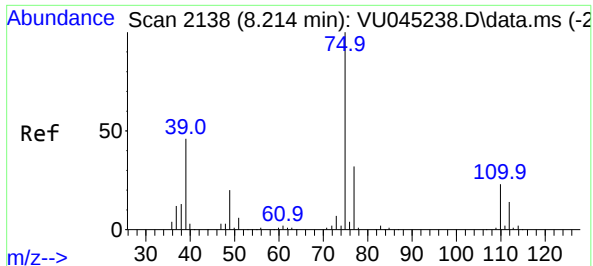


#42

Toluene
Concen: 0.618 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Tgt Ion: 91 Resp: 6422
Ion Ratio Lower Upper
91 100
92 54.1 40.5 75.1

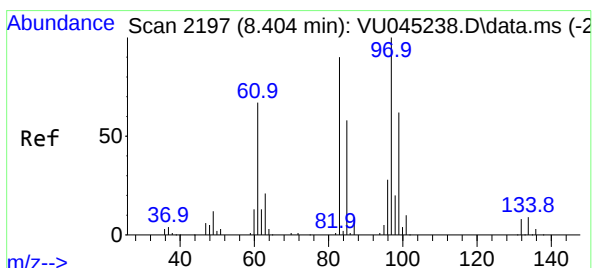
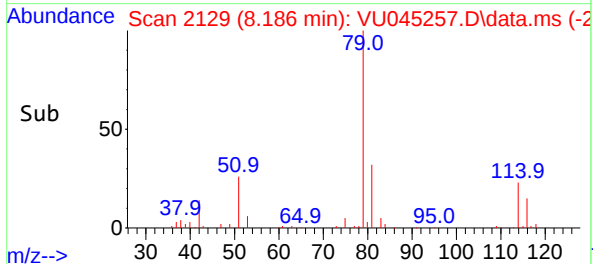
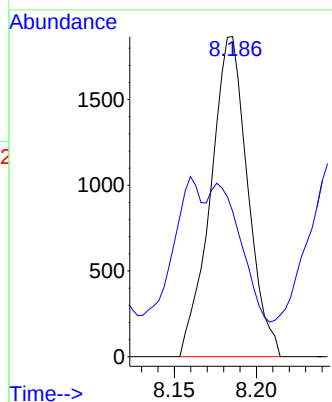
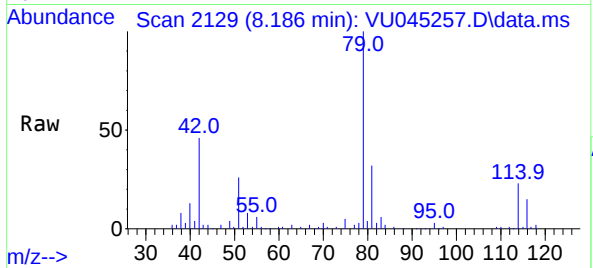




#44
trans-1,3-Dichloropropene
Concen: 0.774 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

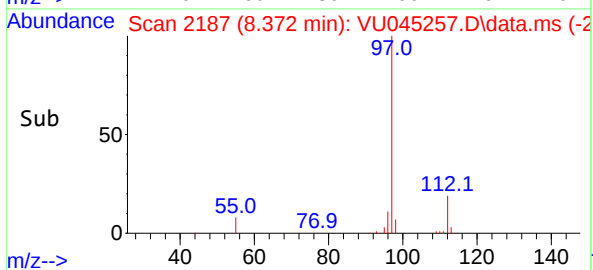
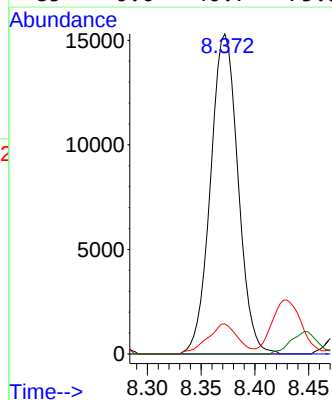
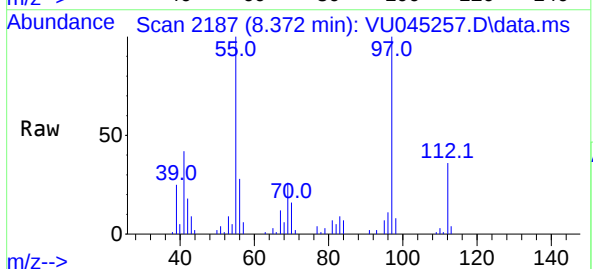
Instrument :
MSVOA_U
ClientSampleId :

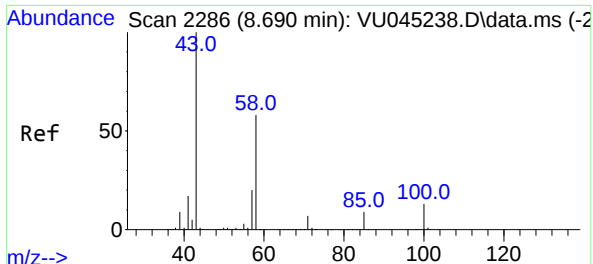
Tgt Ion: 75 Resp: 2933
Ion Ratio Lower Upper
75 100
77 45.4 21.7 40.3#



#45
1,1,2-Trichloroethane
Concen: 10.808 ug/L
RT: 8.372 min Scan# 2187
Delta R.T. -0.032 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Tgt Ion: 97 Resp: 27294
Ion Ratio Lower Upper
97 100
99 0.0 43.7 81.1#
83 9.4 61.9 115.1#
85 0.0 40.7 75.5#

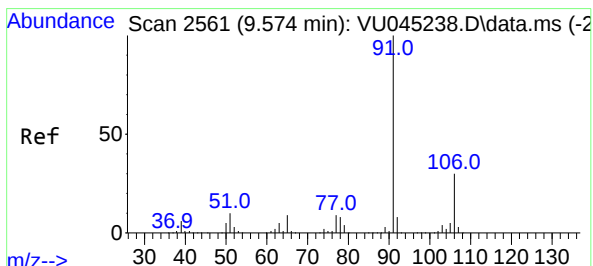
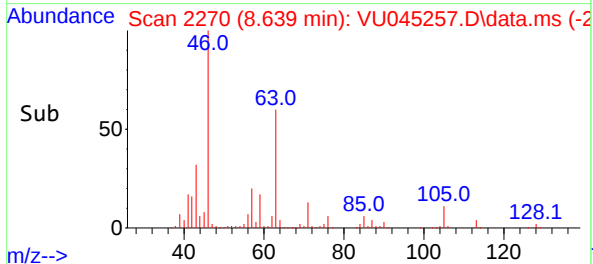
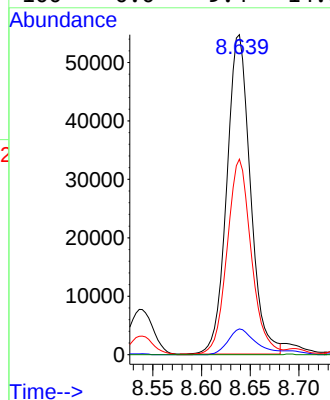
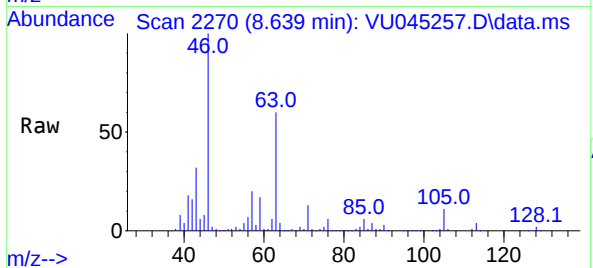




#48
2-Hexanone
Concen: 22.322 ug/L
RT: 8.639 min Scan# 2270
Delta R.T. -0.051 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

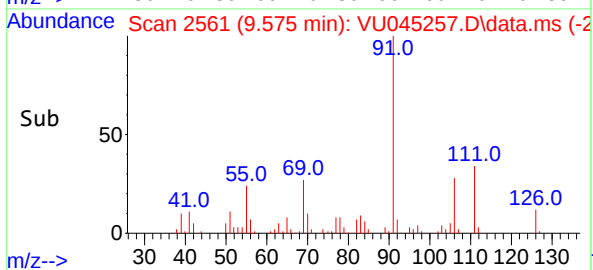
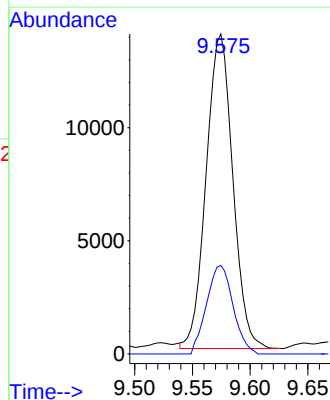
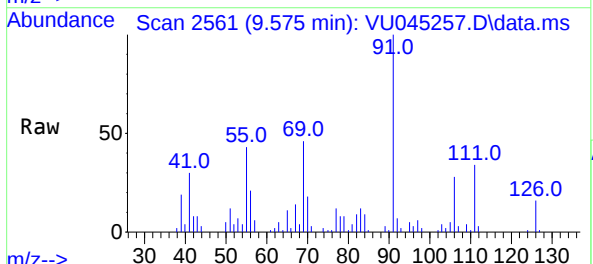
Instrument :
MSVOA_U
ClientSampleId :

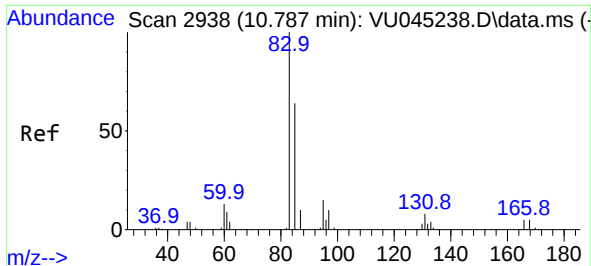
Tgt Ion:	43	Resp:	92145
Ion	Ratio	Lower	Upper
43	100		
58	9.7	44.9	67.3#
57	63.1	15.5	23.3#
100	0.0	9.4	14.0#



#52
Ethylbenzene
Concen: 2.031 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Tgt Ion:	91	Resp:	22317
Ion	Ratio	Lower	Upper
91	100		
106	27.7	21.2	39.4

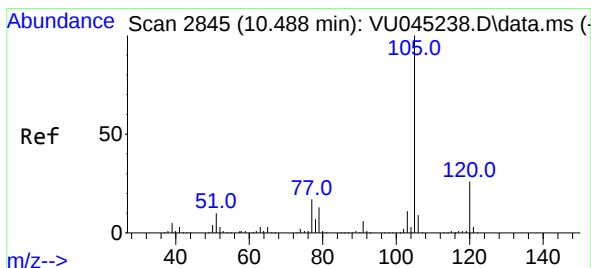
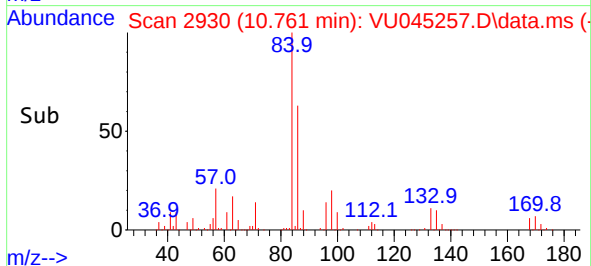
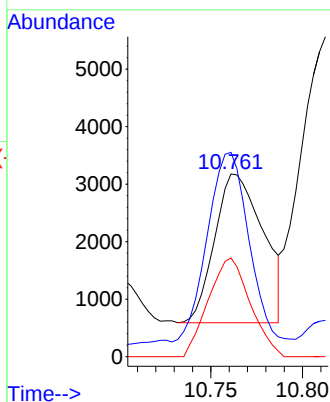
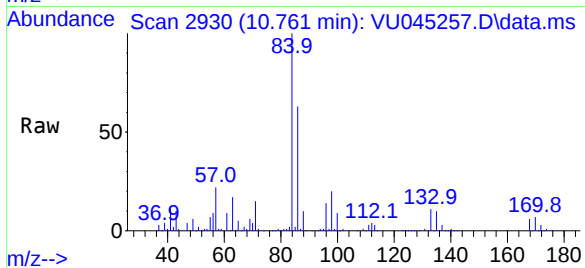




#57
1,1,2,2-Tetrachloroethane
Concen: 0.981 ug/L
RT: 10.761 min Scan# 2930
Delta R.T. -0.026 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

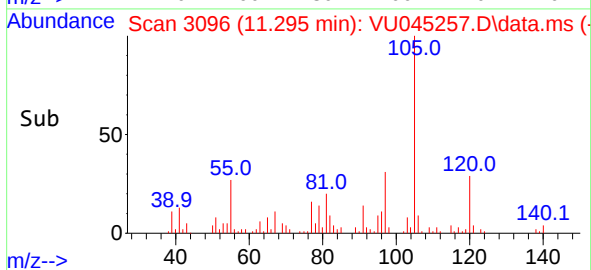
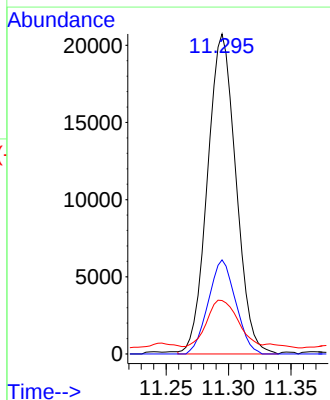
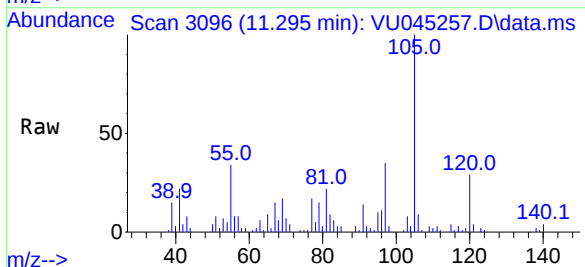
Instrument :
MSVOA_U
ClientSampleId :

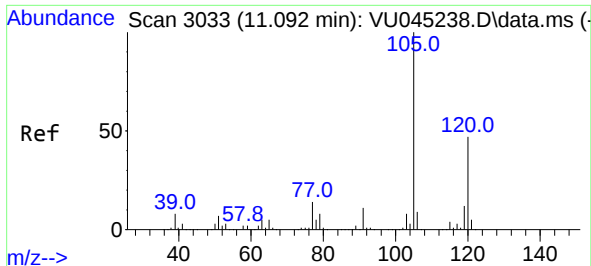
Tgt Ion: 83 Resp: 4742
Ion Ratio Lower Upper
83 100
85 111.8 45.1 83.7#
131 54.0 6.9 10.3#



#61
Isopropylbenzene
Concen: 3.346 ug/L
RT: 11.295 min Scan# 3096
Delta R.T. 0.807 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Tgt Ion:105 Resp: 32964
Ion Ratio Lower Upper
105 100
120 28.3 20.5 30.7
77 15.7 13.5 20.3

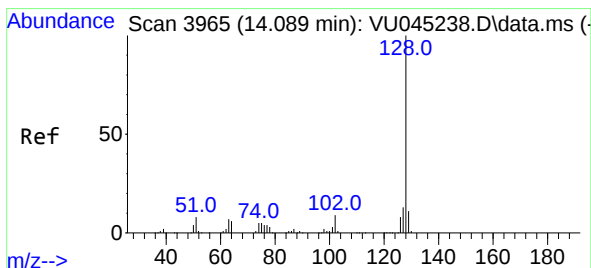
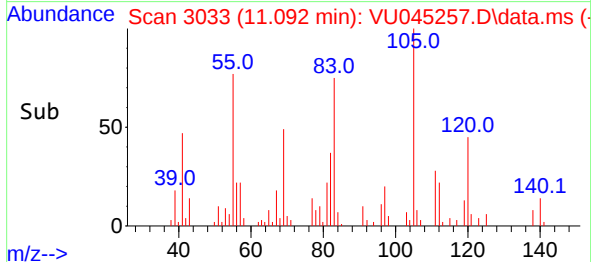
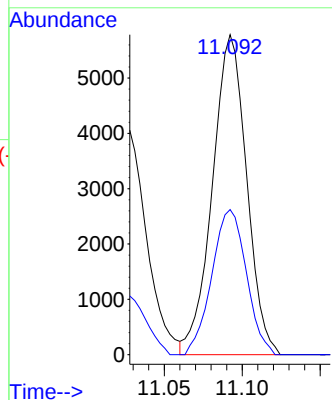
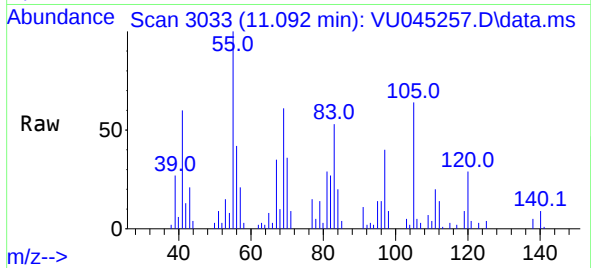




#62
1,3,5-Trimethylbenzene
Concen: 1.072 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 8816
Ion Ratio Lower Upper
105 100
120 45.8 38.8 58.2



#71
Naphthalene
Concen: 1.933 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045257.D
Acq: 08 Oct 2021 17:27

Tgt Ion:128 Resp: 17589
Ion Ratio Lower Upper
128 100
127 13.9 10.4 15.6
129 6.8 8.8 13.2#

