

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
 Data File : VU046211.D
 Acq On : 09 Dec 2021 11:49
 Operator : SY/MD
 Sample : M4960-01ME
 Misc : 6.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 12:36:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

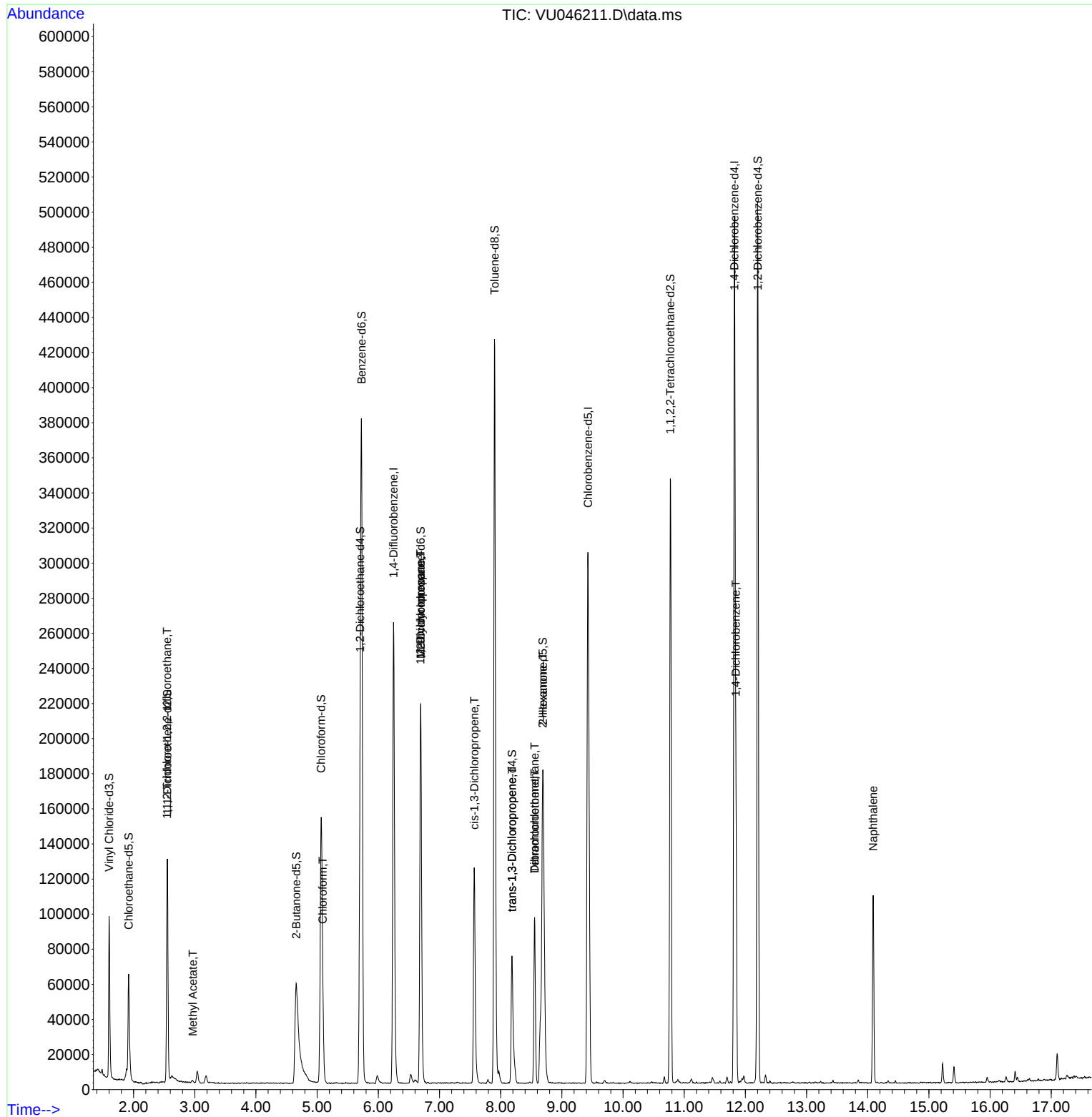
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	240554	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	248365	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	129232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	75981	38.344	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.680%
7) Chloroethane-d5	1.919	69	58702	38.584	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.160%
11) 1,1-Dichloroethene-d2	2.552	63	74526	20.950	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	41.900%#
21) 2-Butanone-d5	4.658	46	167248	106.173	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.170%
24) Chloroform-d	5.067	84	144260	43.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.180%
26) 1,2-Dichloroethane-d4	5.703	65	111466	50.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.380%
32) Benzene-d6	5.726	84	338397	47.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	6.694	67	110323	50.007	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.020%
41) Toluene-d8	7.899	98	311605	48.077	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.160%
43) trans-1,3-Dichloroprop...	8.186	79	59446	55.818	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.640%
47) 2-Hexanone-d5	8.687	63	121273	115.937	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.940%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	179854	53.756	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.520%
66) 1,2-Dichlorobenzene-d4	12.201	152	132782	53.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.700%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	646	0.369	ug/L #	21
15) Methyl Acetate	2.967	43	2299	1.002	ug/L #	86
25) Chloroform	5.092	83	30174	8.486	ug/L	99
35) Methylcyclohexane	6.694	83	26863	8.749	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	12043	6.116	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	3480	1.162	ug/L #	56
44) trans-1,3-Dichloropropene	8.186	75	2210	0.751	ug/L	96
46) Tetrachloroethene	8.555	164	22065	15.162	ug/L	97
48) 2-Hexanone	8.690	43	16267	6.287	ug/L #	56
49) Dibromochloromethane	8.555	129	21486	10.357	ug/L #	10
65) 1,4-Dichlorobenzene	11.845	146	65059	15.761	ug/L	99
71) Naphthalene	14.089	128	84563	9.410	ug/L	99

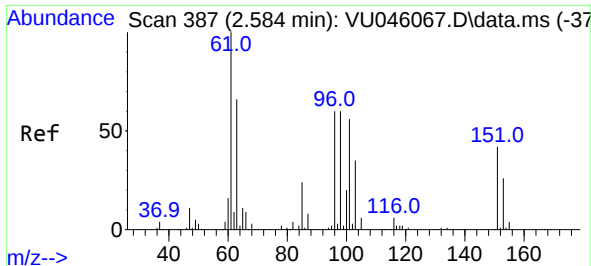
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120921\
Data File : VU046211.D
Acq On : 09 Dec 2021 11:49
Operator : SY/MD
Sample : M4960-01ME
Misc : 6.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

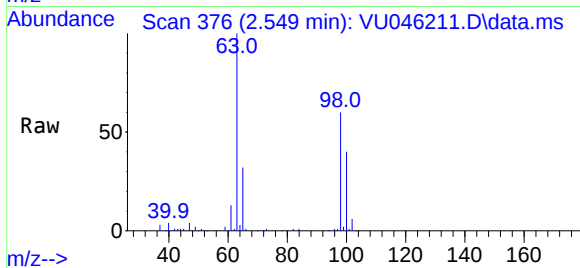
Quant Time: Dec 09 12:36:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



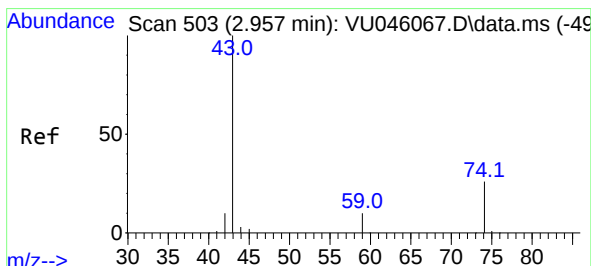
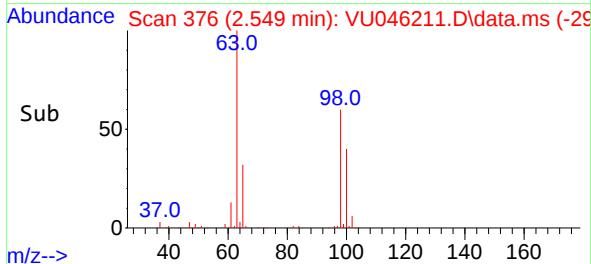
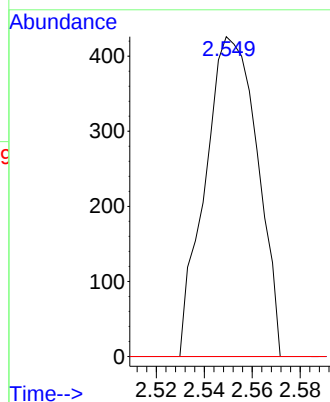


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.369 ug/L
RT: 2.549 min Scan# 31
Delta R.T. -0.038 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

Instrument :
MSVOA_U
ClientSampleId :

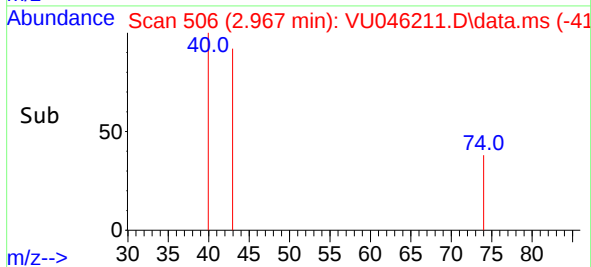
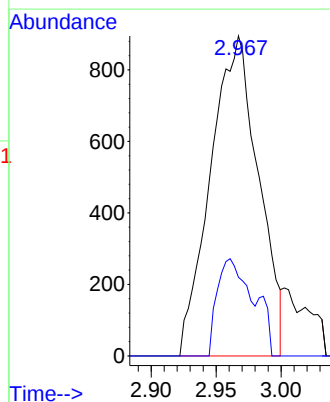
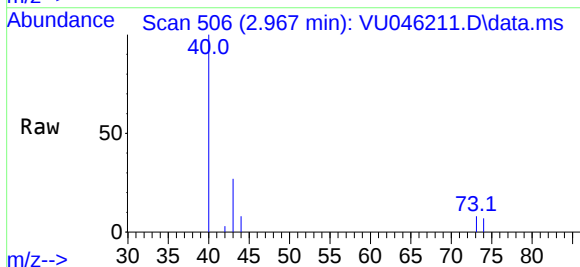


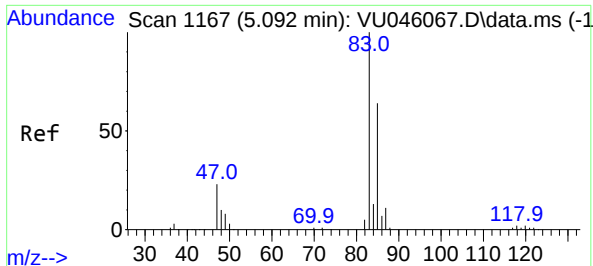
Tgt Ion:101 Resp: 646
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#15
Methyl Acetate
Concen: 1.002 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.007 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

Tgt Ion: 43 Resp: 2299
Ion Ratio Lower Upper
43 100
74 19.0 20.8 31.2#

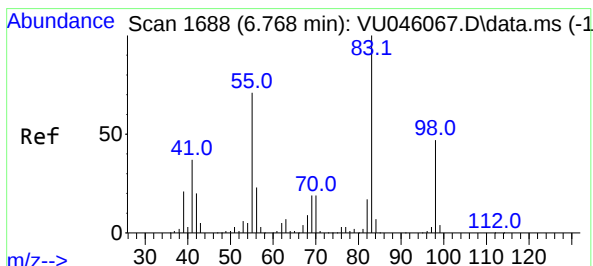
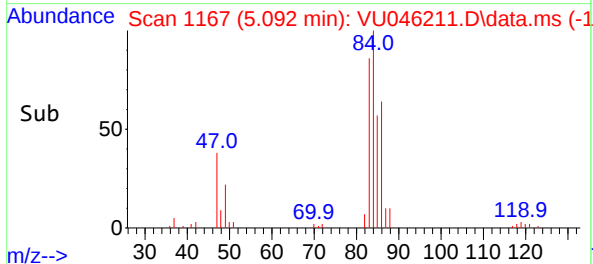
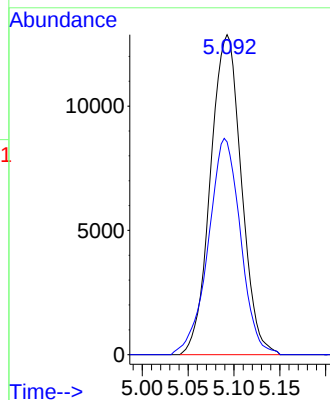
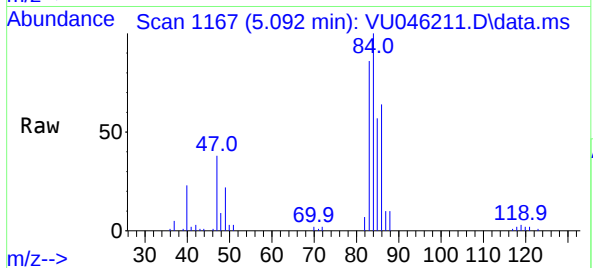




#25
Chloroform
Concen: 8.486 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

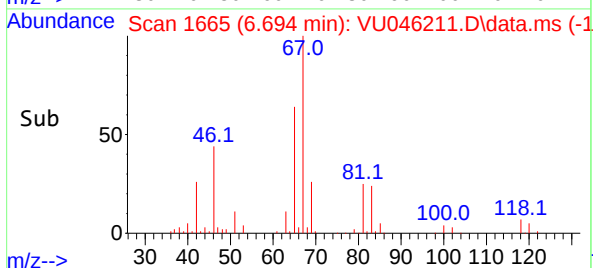
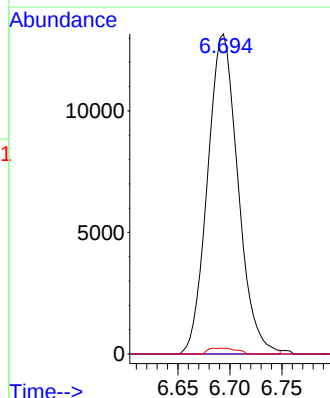
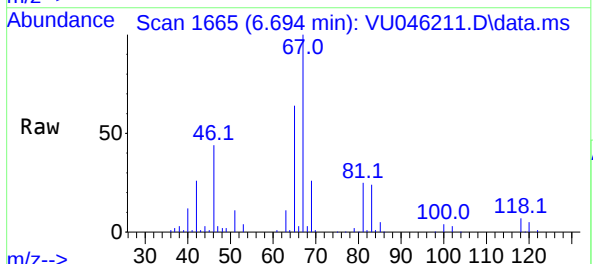
Instrument :
MSVOA_U
ClientSampleId :

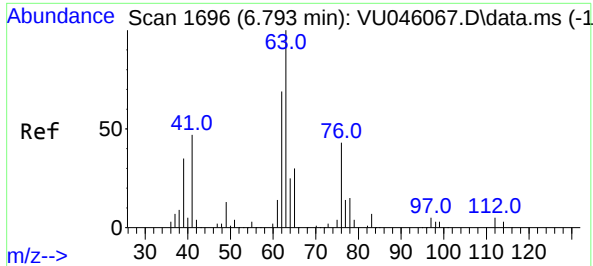
Tgt Ion: 83 Resp: 30174
Ion Ratio Lower Upper
83 100
85 66.5 45.8 85.2



#35
Methylcyclohexane
Concen: 8.749 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

Tgt Ion: 83 Resp: 26863
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.6 38.4 57.6#

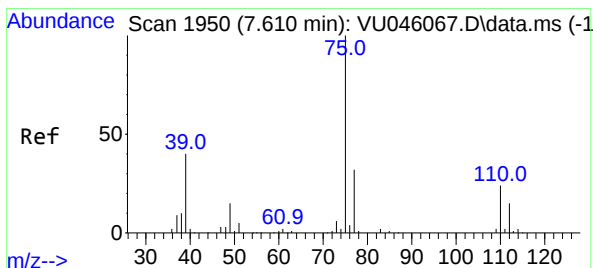
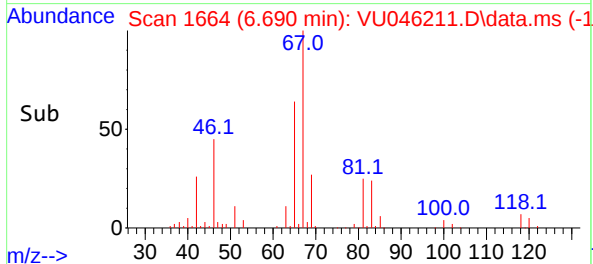
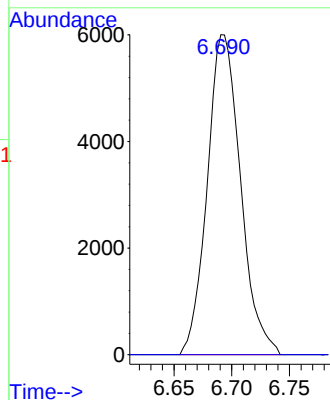
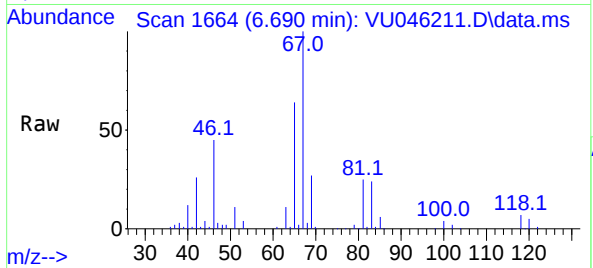




#37
1,2-Dichloropropane
Concen: 6.116 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

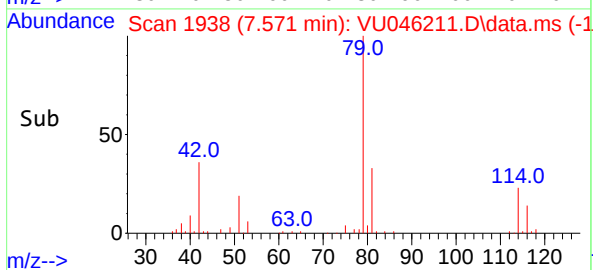
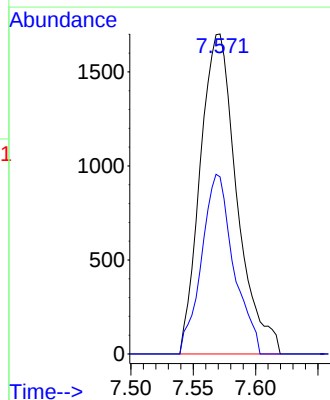
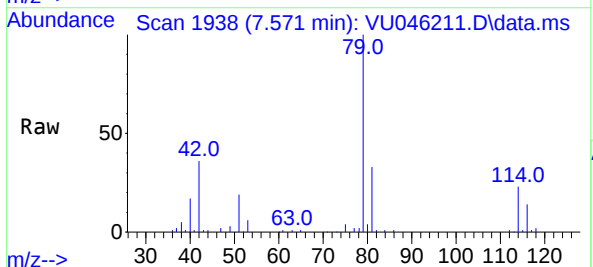
Instrument :
MSVOA_U
ClientSampleId :

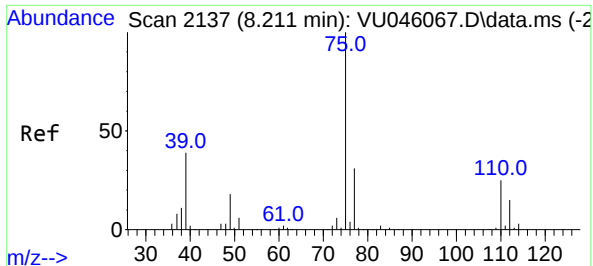
Tgt Ion: 63 Resp: 12043
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.162 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.038 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

Tgt Ion: 75 Resp: 3480
Ion Ratio Lower Upper
75 100
77 55.3 21.8 40.6#

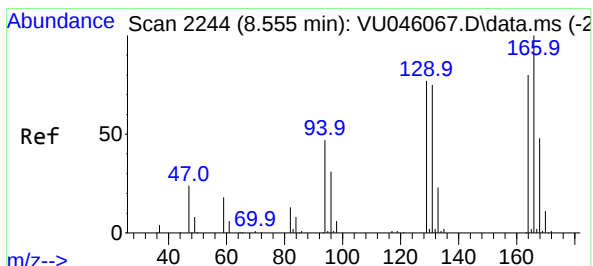
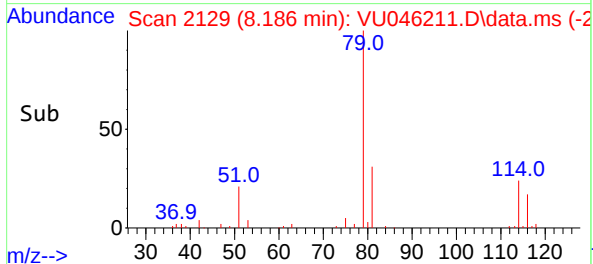
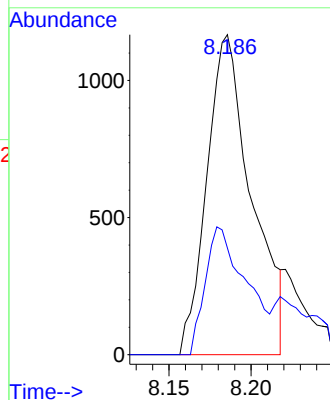
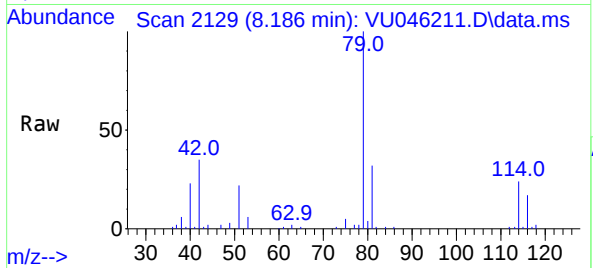




#44
trans-1,3-Dichloropropene
Concen: 0.751 ug/L
RT: 8.186 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

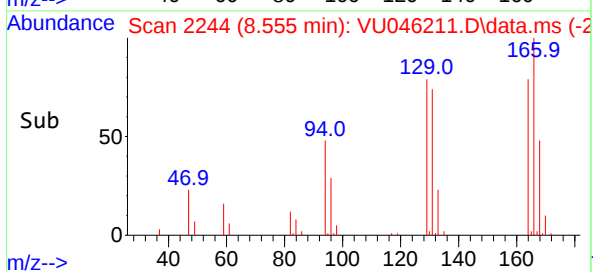
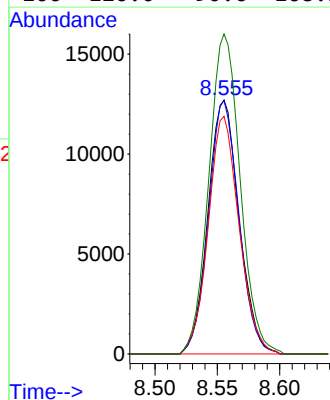
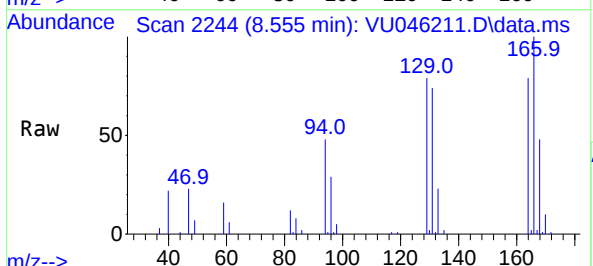
Instrument :
MSVOA_U
ClientSampleId :

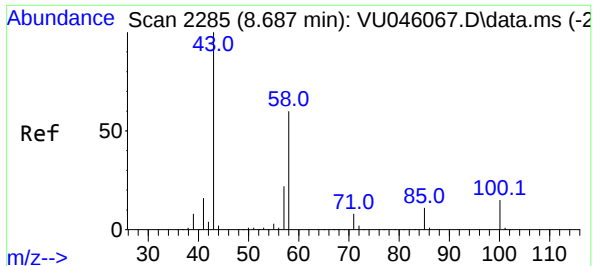
Tgt Ion: 75 Resp: 2210
Ion Ratio Lower Upper
75 100
77 33.3 21.7 40.3



#46
Tetrachloroethene
Concen: 15.162 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

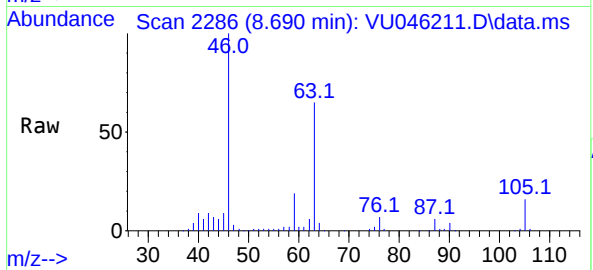
Tgt Ion:164 Resp: 22065
Ion Ratio Lower Upper
164 100
129 99.8 71.1 132.1
131 93.5 67.8 126.0
166 126.0 90.6 168.2



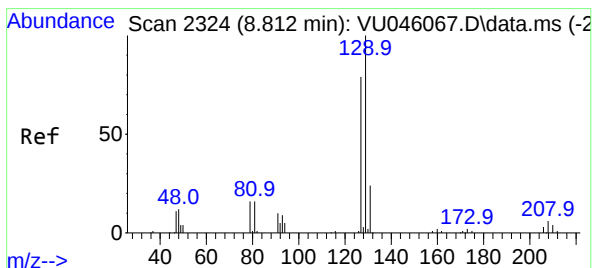
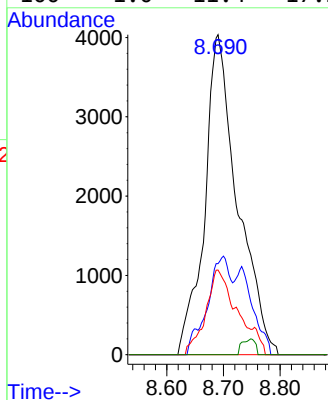
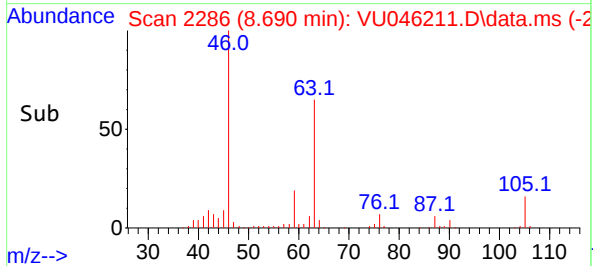


#48
2-Hexanone
Concen: 6.287 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

Instrument :
MSVOA_U
ClientSampleId :

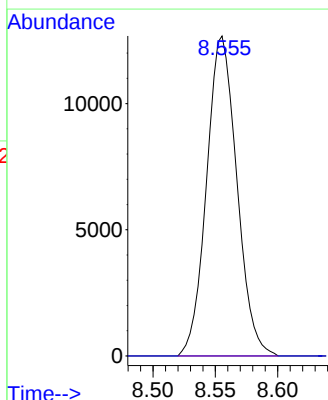
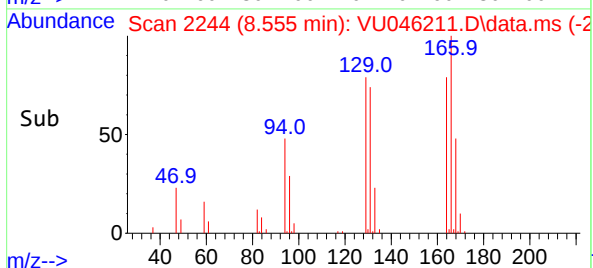
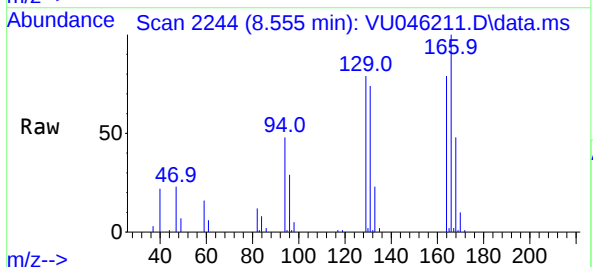


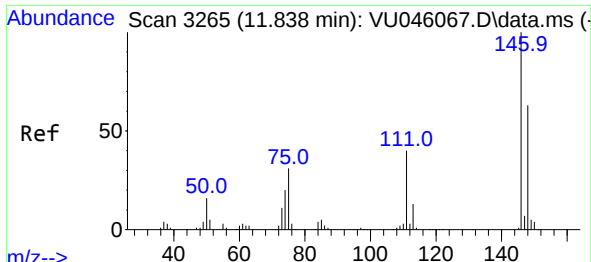
Tgt Ion: 43 Resp: 16267
Ion Ratio Lower Upper
43 100
58 14.0 47.4 71.2#
57 18.4 16.6 25.0
100 1.0 11.4 17.2#



#49
Dibromochloromethane
Concen: 10.357 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

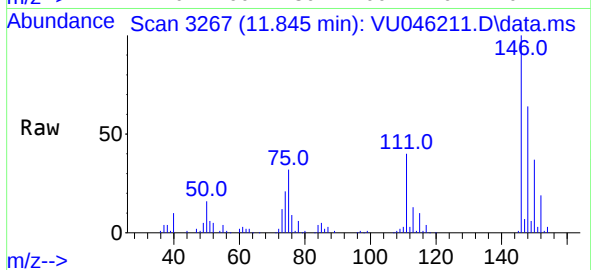
Tgt Ion: 129 Resp: 21486
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



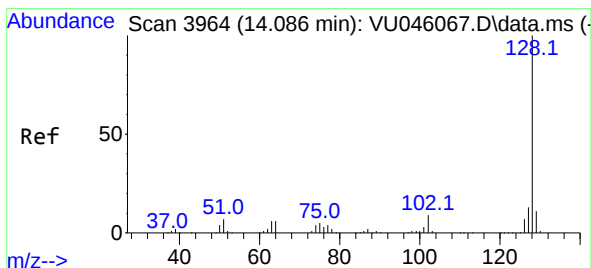
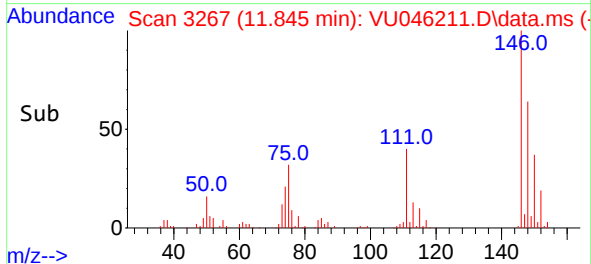
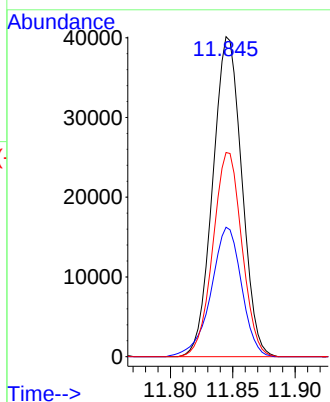


#65
1,4-Dichlorobenzene
Concen: 15.761 ug/L
RT: 11.845 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 65059
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.7
148 63.8 43.8 81.3



#71
Naphthalene
Concen: 9.410 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046211.D
Acq: 09 Dec 2021 11:49

Tgt Ion:128 Resp: 84563
Ion Ratio Lower Upper
128 100
127 12.2 10.1 15.1
129 11.2 8.6 13.0

