

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046174.D
 Acq On : 08 Dec 2021 14:42
 Operator : SY/MD
 Sample : M4887-06ME
 Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:19:59 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)

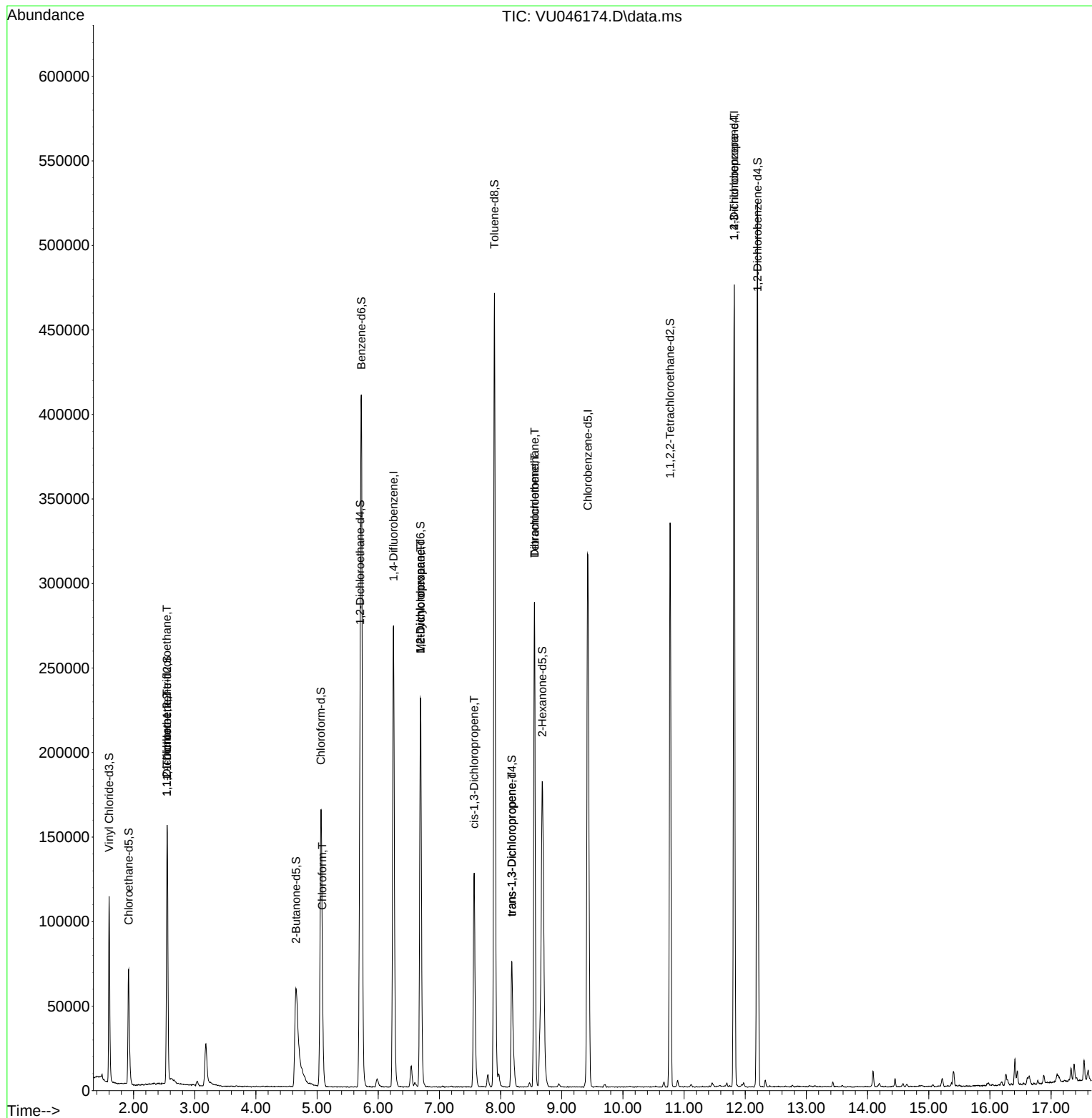
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	250433	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	248575	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	128594	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	88992	43.138	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.280%
7) Chloroethane-d5	1.919	69	64612	40.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.580%
11) 1,1-Dichloroethene-d2	2.549	63	91311	24.656	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.320%#
21) 2-Butanone-d5	4.655	46	159044	96.982	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.980%
24) Chloroform-d	5.063	84	159075	46.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	5.703	65	116643	50.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.900%
32) Benzene-d6	5.726	84	372869	52.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.680%
36) 1,2-Dichloropropane-d6	6.690	67	116229	52.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.280%
41) Toluene-d8	7.899	98	346434	53.405	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.820%
43) trans-1,3-Dichloroprop...	8.182	79	59188	55.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.060%
47) 2-Hexanone-d5	8.681	63	122909	117.402	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.400%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	173041	51.676	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.360%
66) 1,2-Dichlorobenzene-d4	12.201	152	140637	56.789	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.580%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	753	0.413	ug/L #	21
12) 1,1-Dichloroethene	2.546	96	754	0.435	ug/L #	1
25) Chloroform	5.086	83	18842	5.090	ug/L	98
35) Methylcyclohexane	6.690	83	28430	9.251	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	12383	6.283	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	3419	1.140	ug/L #	58
44) trans-1,3-Dichloropropene	8.182	75	2448	0.831	ug/L #	78
46) Tetrachloroethene	8.555	164	68534	47.053	ug/L	96
49) Dibromochloromethane	8.555	129	64786	31.202	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	14159	5.023	ug/L #	66

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

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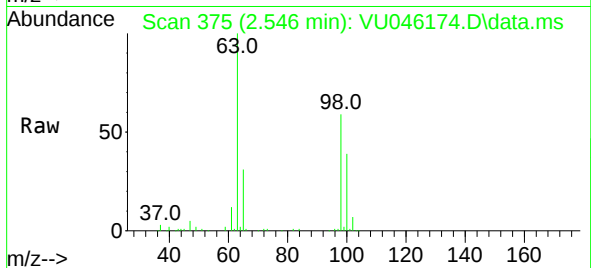
Quant Time: Dec 09 03:19:59 2021
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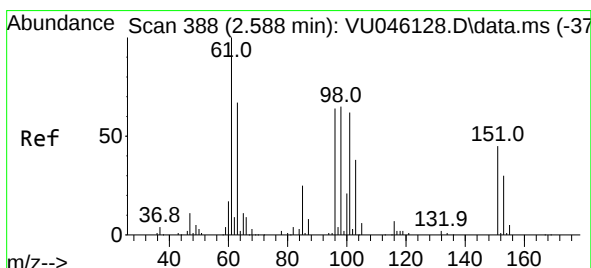
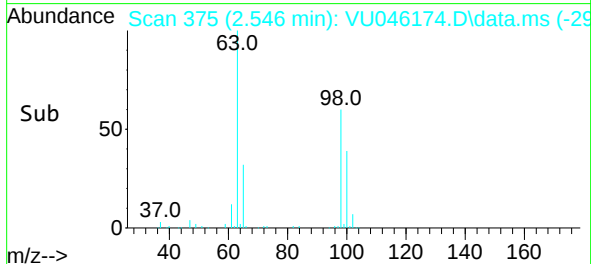
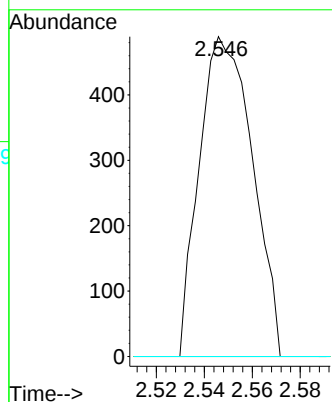


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.413 ug/L
 RT: 2.546 min Scan# 375
 Delta R.T. -0.042 min
 Lab File: VU046174.D
 Acq: 08 Dec 2021 14:42

Instrument :
 MSVOA_U
 ClientSampleId :

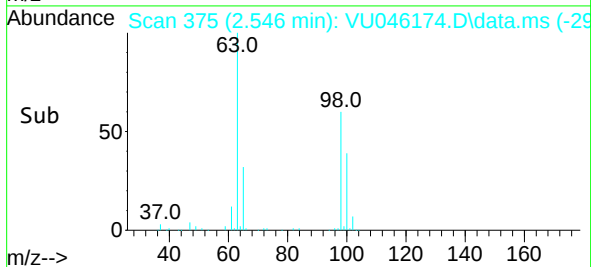
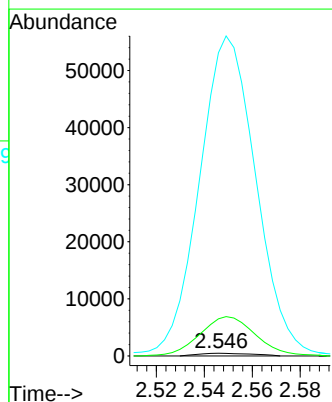
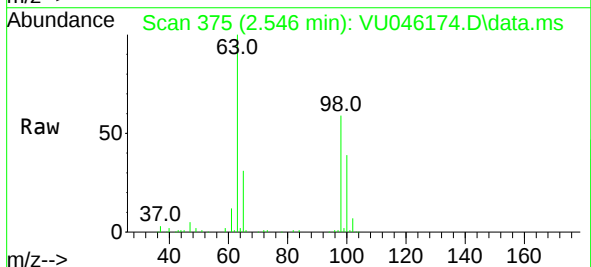


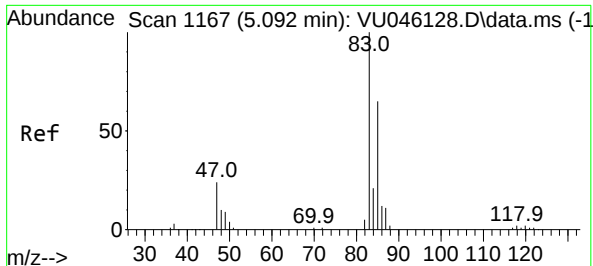
Tgt Ion: 101 Resp: 753
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.435 ug/L
 RT: 2.546 min Scan# 375
 Delta R.T. -0.039 min
 Lab File: VU046174.D
 Acq: 08 Dec 2021 14:42

Tgt Ion: 96 Resp: 754
 Ion Ratio Lower Upper
 96 100
 61 1370.5 118.6 220.2#
 63 11203.4 93.0 172.8#





#25

Chloroform

Concen: 5.090 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.006 min

Lab File: VU046174.D

Acq: 08 Dec 2021 14:42

Instrument :

MSVOA_U

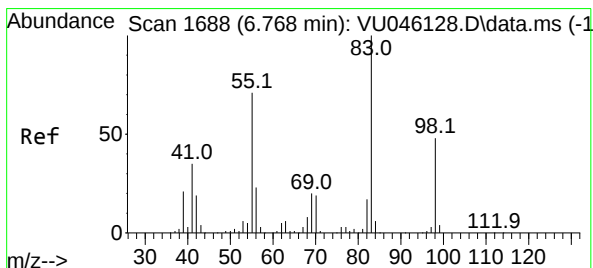
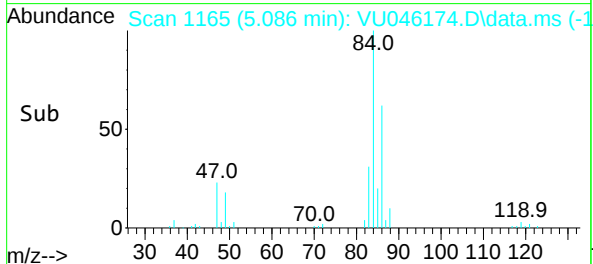
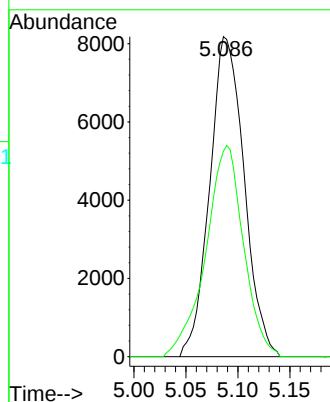
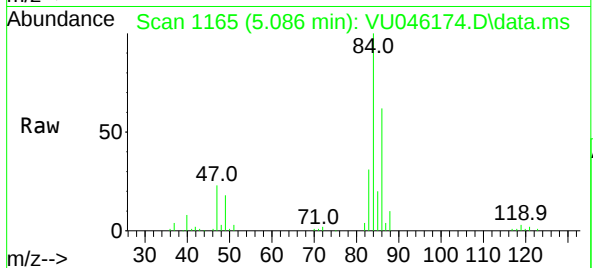
ClientSampleId :

Tgt Ion: 83 Resp: 18842

Ion Ratio Lower Upper

83 100

85 64.2 45.8 85.2



#35

Methylcyclohexane

Concen: 9.251 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.077 min

Lab File: VU046174.D

Acq: 08 Dec 2021 14:42

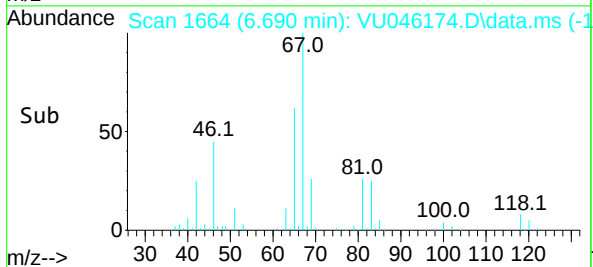
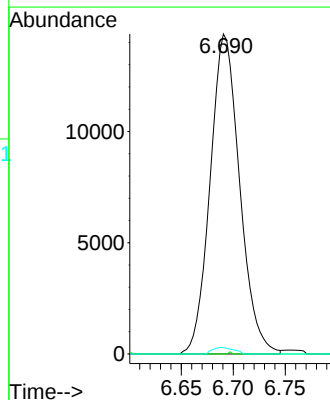
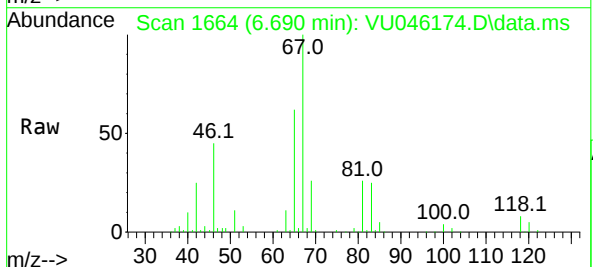
Tgt Ion: 83 Resp: 28430

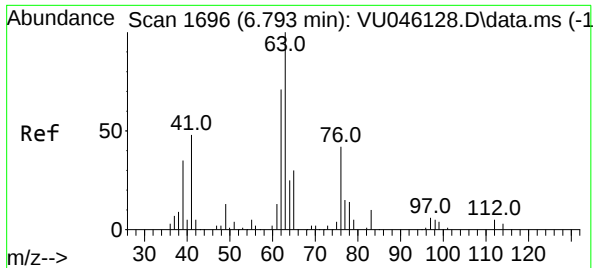
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

98 1.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 6.283 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046174.D

Acq: 08 Dec 2021 14:42

Instrument :

MSVOA_U

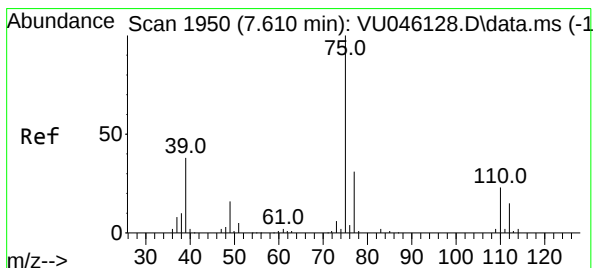
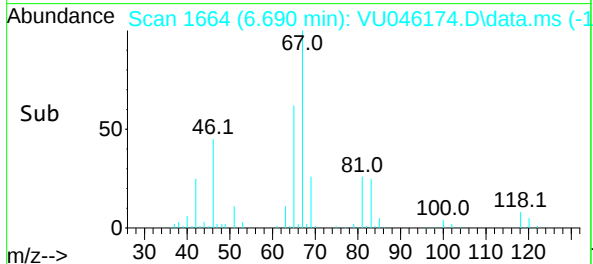
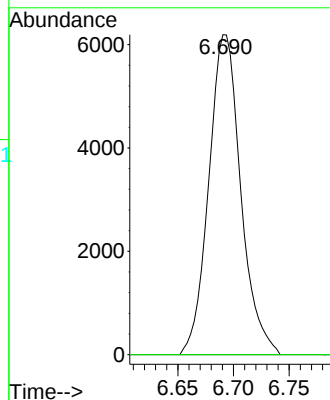
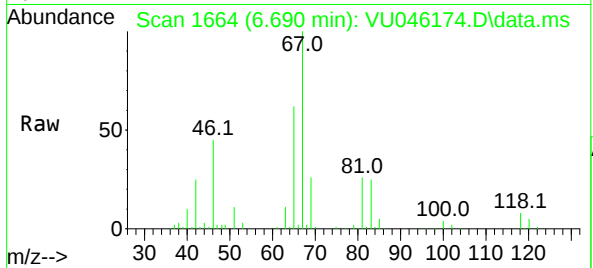
ClientSampleId :

Tgt Ion: 63 Resp: 12383

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 1.140 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046174.D

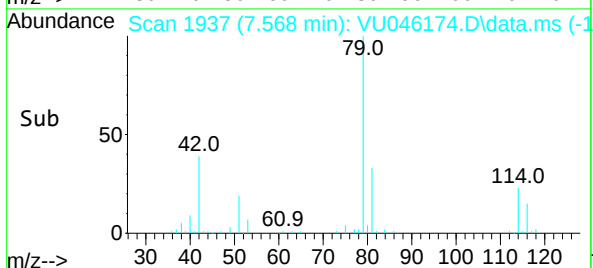
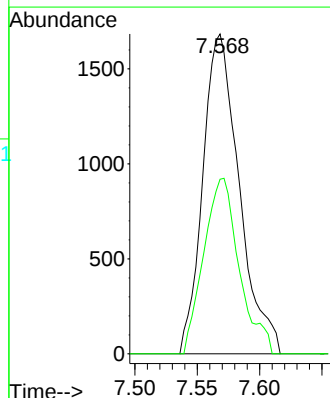
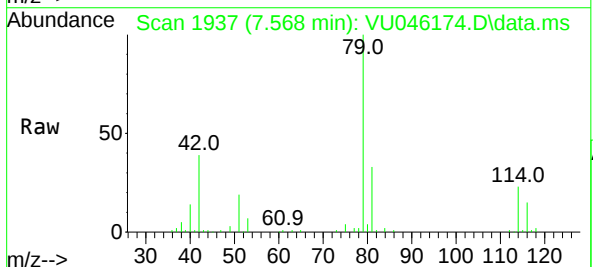
Acq: 08 Dec 2021 14:42

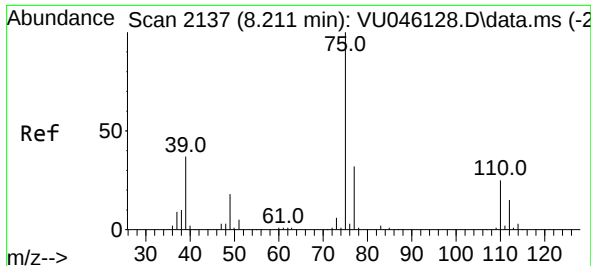
Tgt Ion: 75 Resp: 3419

Ion Ratio Lower Upper

75 100

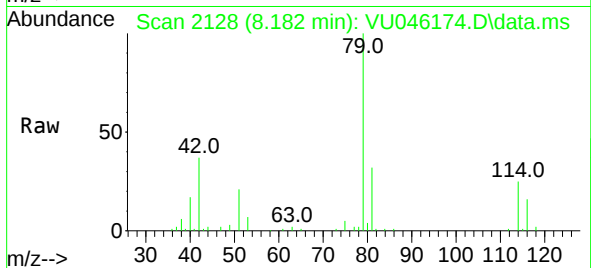
77 54.6 21.8 40.6#



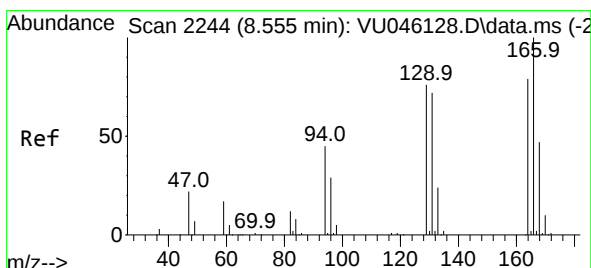
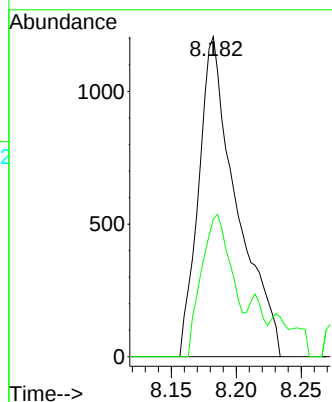
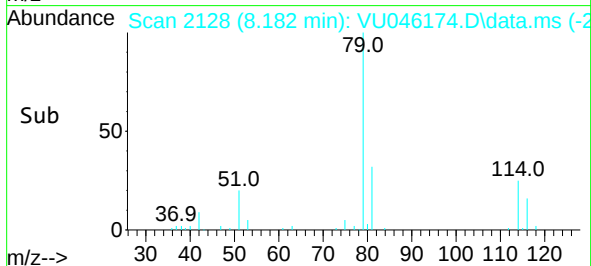


#44
trans-1,3-Dichloropropene
Concen: 0.831 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU046174.D
Acq: 08 Dec 2021 14:42

Instrument :
MSVOA_U
ClientSampleId :

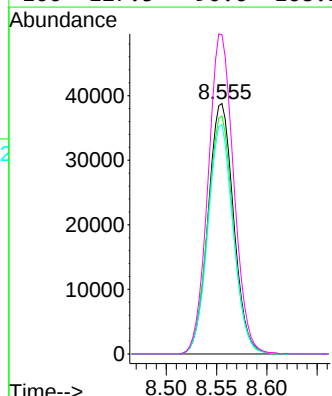
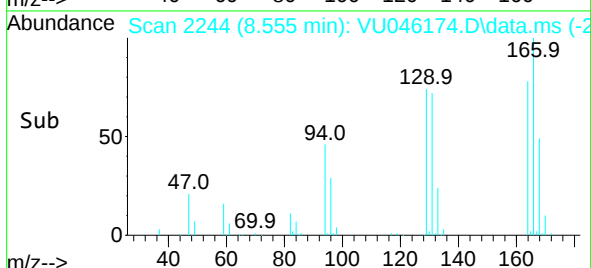
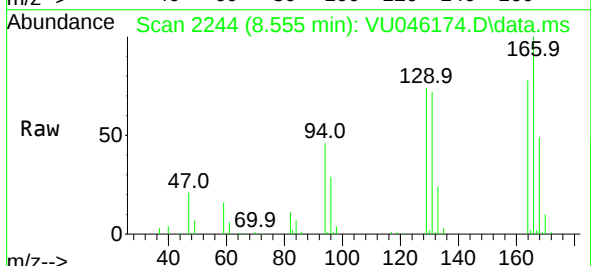


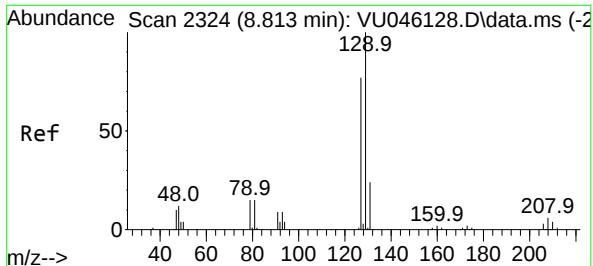
Tgt Ion: 75 Resp: 2448
Ion Ratio Lower Upper
75 100
77 42.9 21.7 40.3#



#46
Tetrachloroethene
Concen: 47.053 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046174.D
Acq: 08 Dec 2021 14:42

Tgt Ion: 164 Resp: 68534
Ion Ratio Lower Upper
164 100
129 95.0 71.1 132.1
131 91.4 67.8 126.0
166 127.5 90.6 168.2





#49

Dibromochloromethane

Concen: 31.202 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046174.D

Acq: 08 Dec 2021 14:42

Instrument :

MSVOA_U

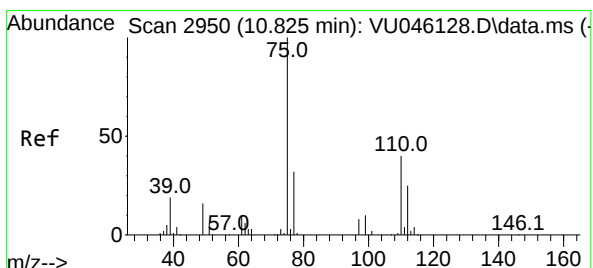
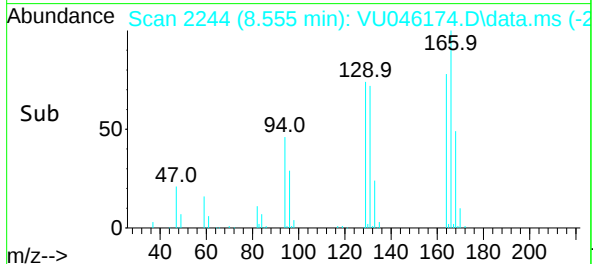
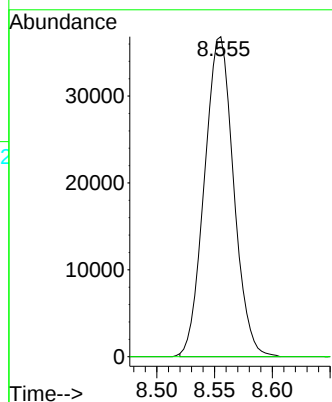
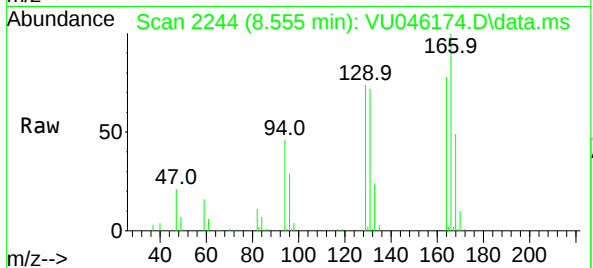
ClientSampleId :

Tgt Ion:129 Resp: 64786

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#60

1,2,3-Trichloropropane

Concen: 5.023 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.994 min

Lab File: VU046174.D

Acq: 08 Dec 2021 14:42

Tgt Ion: 75 Resp: 14159

Ion Ratio Lower Upper

75 100

77 34.0 26.4 39.6

110 2.8 32.4 48.6#

