

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046179.D
 Acq On : 08 Dec 2021 16:34
 Operator : SY/MD
 Sample : M4887-14ME
 Misc : 3.64g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:20:32 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

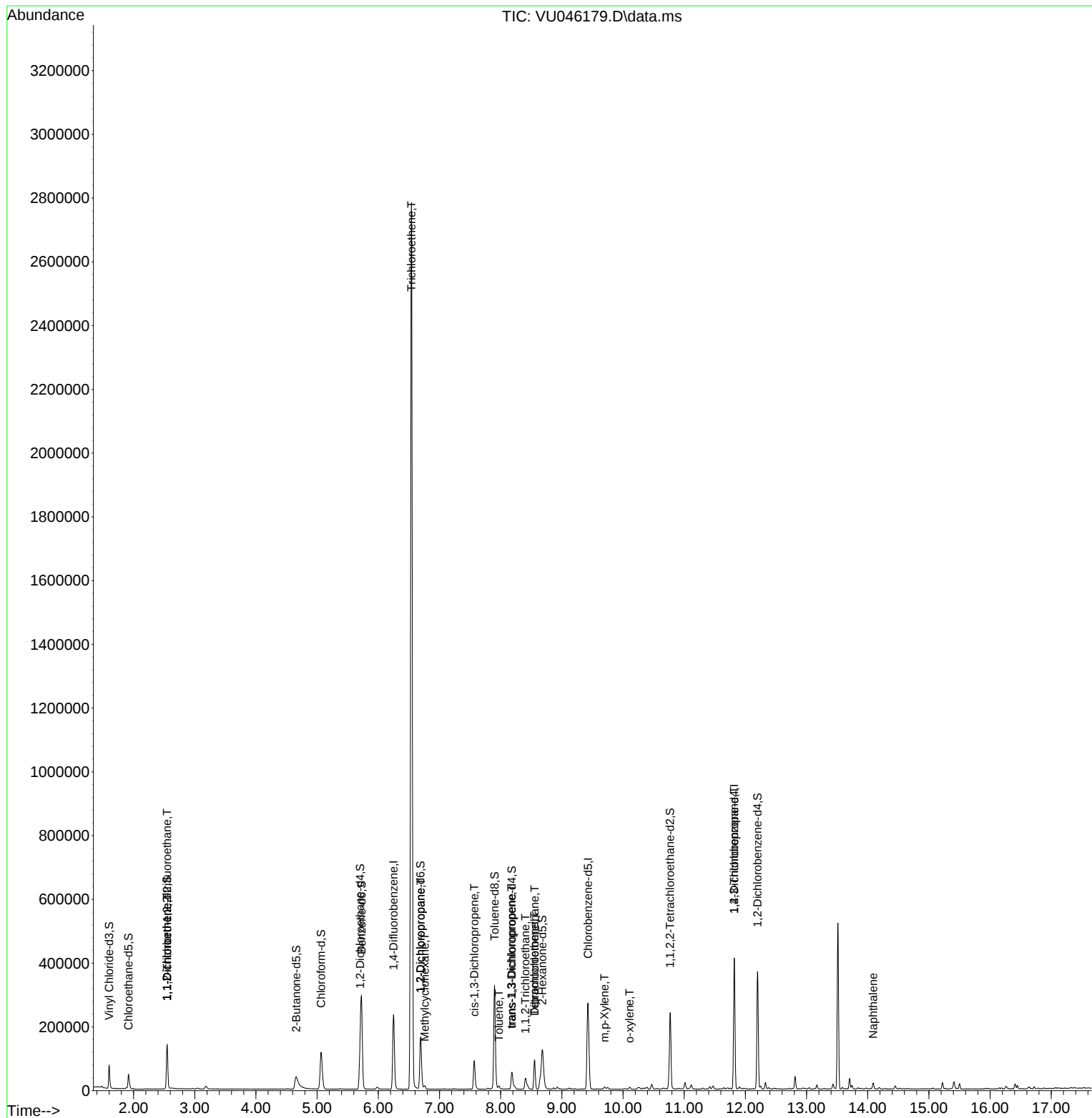
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

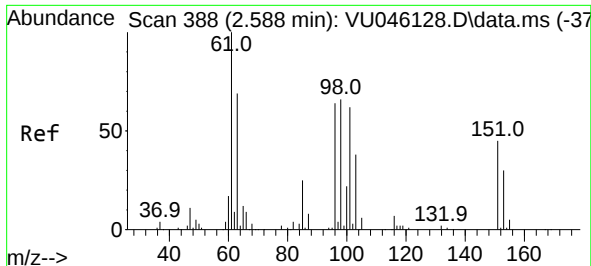
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	216265	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	210462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	109392	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	61798	34.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.380%
7) Chloroethane-d5	1.916	69	43414	31.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.480%#
11) 1,1-Dichloroethene-d2	2.549	63	82458	25.784	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.560%#
21) 2-Butanone-d5	4.658	46	115355	81.454	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	81.450%
24) Chloroform-d	5.067	84	114546	38.503	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.703	65	82493	41.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.640%
32) Benzene-d6	5.726	84	265525	44.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	6.690	67	84099	44.985	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.980%
41) Toluene-d8	7.899	98	240373	43.765	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.540%
43) trans-1,3-Dichloroprop...	8.182	79	42236	46.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.600%
47) 2-Hexanone-d5	8.681	63	84529	95.363	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.360%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	120830	42.619	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.240%
66) 1,2-Dichlorobenzene-d4	12.198	152	98306	46.664	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.320%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	732	0.465	ug/L #	21
12) 1,1-Dichloroethene	2.549	96	627	0.419	ug/L #	1
34) Trichloroethene	6.542	95	982453	585.457	ug/L	98
35) Methylcyclohexane	6.761	83	5050	1.941	ug/L	96
37) 1,2-Dichloropropane	6.694	63	9183	5.503	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2278	0.897	ug/L #	46
42) Toluene	7.973	91	8865	1.297	ug/L	98
44) trans-1,3-Dichloropropene	8.179	75	1745	0.700	ug/L	84
45) 1,1,2-Trichloroethane	8.404	97	17457	10.428	ug/L	97
46) Tetrachloroethene	8.552	164	21634	17.543	ug/L	94
49) Dibromochloromethane	8.555	129	20703	11.777	ug/L #	10
53) m,p-Xylene	9.697	106	2571	0.896	ug/L	87
54) o-xylene	10.108	106	2054	0.738	ug/L	93
60) 1,2,3-Trichloropropane	11.819	75	12040	5.021	ug/L #	64
71) Naphthalene	14.089	128	14015	1.842	ug/L	99

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

Instrument :
MSVOA_U
ClientSampleId :

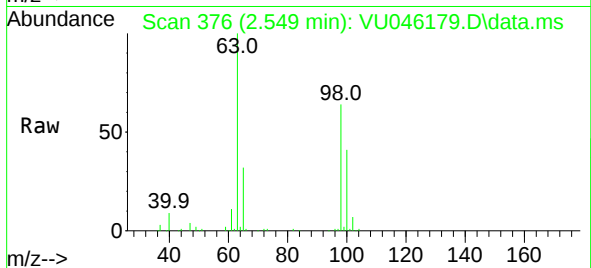
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ClientSampleId :



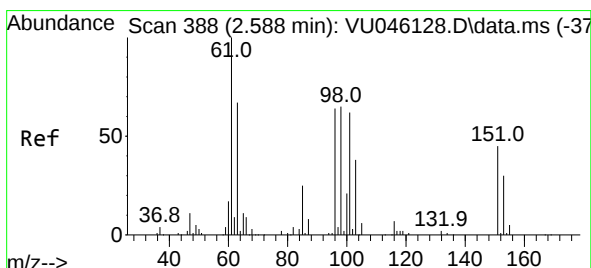
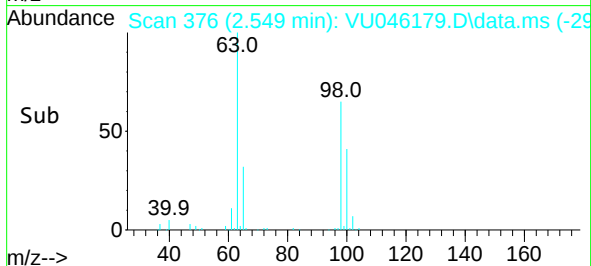
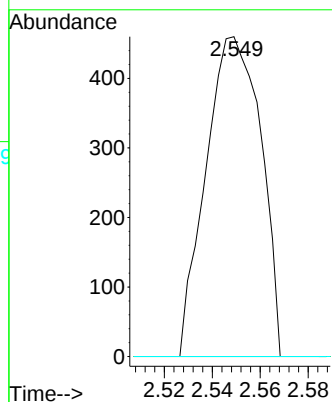


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.465 ug/L
 RT: 2.549 min Scan# 376
 Delta R.T. -0.039 min
 Lab File: VU046179.D
 Acq: 08 Dec 2021 16:34

Instrument :
 MSVOA_U
 ClientSampleId :

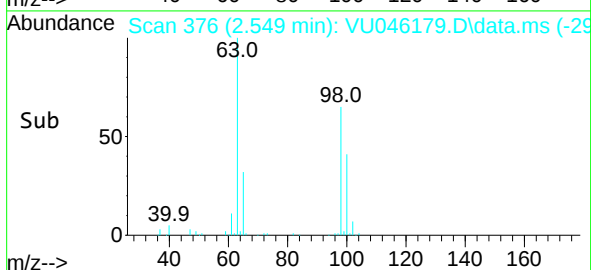
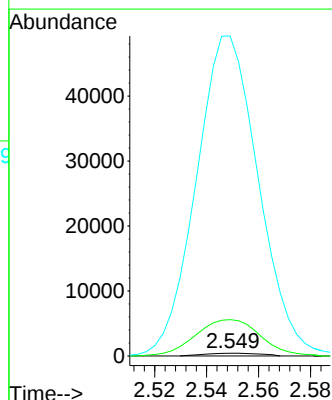
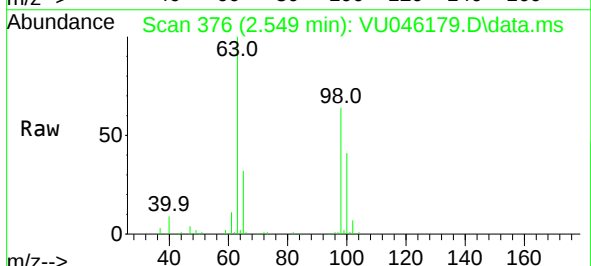


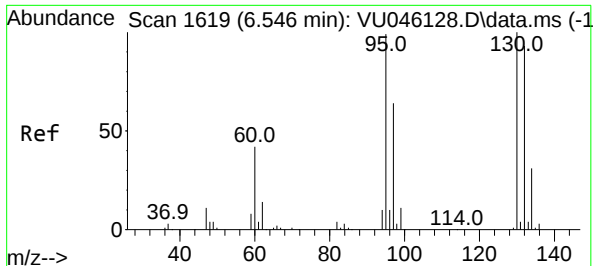
Tgt Ion:101 Resp: 732
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.419 ug/L
 RT: 2.549 min Scan# 376
 Delta R.T. -0.035 min
 Lab File: VU046179.D
 Acq: 08 Dec 2021 16:34

Tgt Ion: 96 Resp: 627
 Ion Ratio Lower Upper
 96 100
 61 1337.6 118.6 220.2#
 63 11781.8 93.0 172.8#

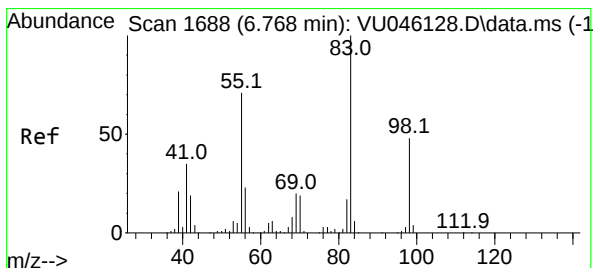
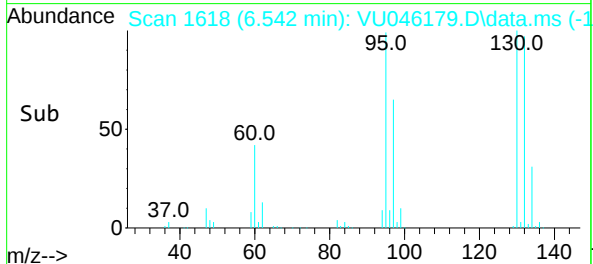
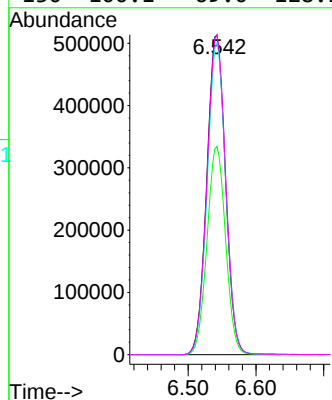
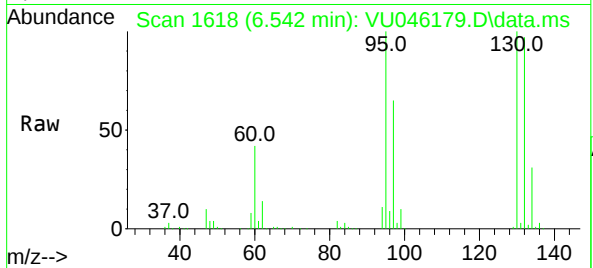




#34
Trichloroethene
Concen: 585.457 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

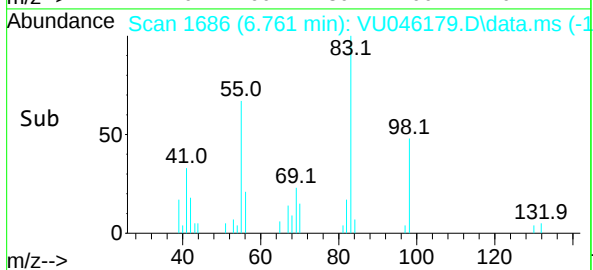
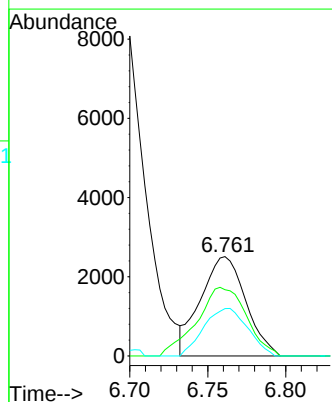
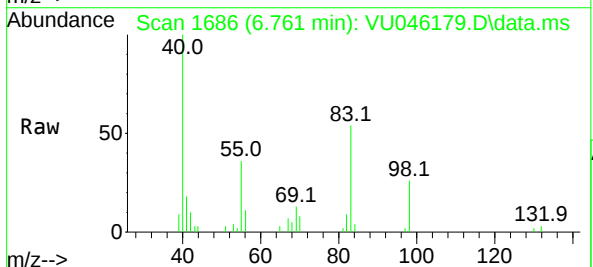
Instrument :
MSVOA_U
ClientSampleId :

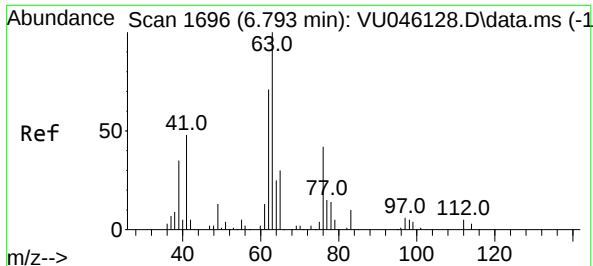
Tgt Ion: 95 Resp: 982453
Ion Ratio Lower Upper
95 100
97 65.2 44.1 81.9
132 97.5 66.8 124.0
130 100.1 69.0 128.1



#35
Methylcyclohexane
Concen: 1.941 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

Tgt Ion: 83 Resp: 5050
Ion Ratio Lower Upper
83 100
55 76.0 57.8 86.6
98 46.5 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.503 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046179.D

Acq: 08 Dec 2021 16:34

Instrument :

MSVOA_U

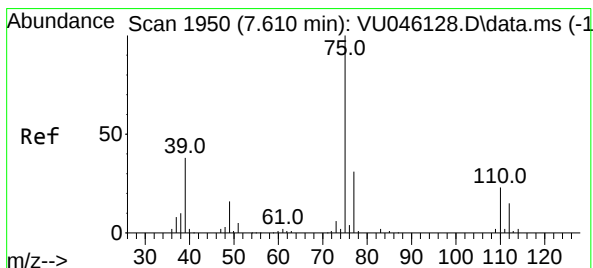
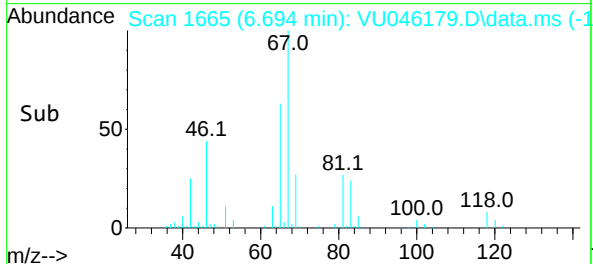
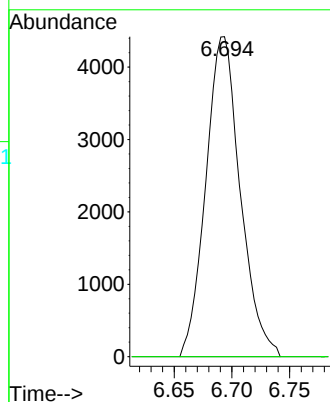
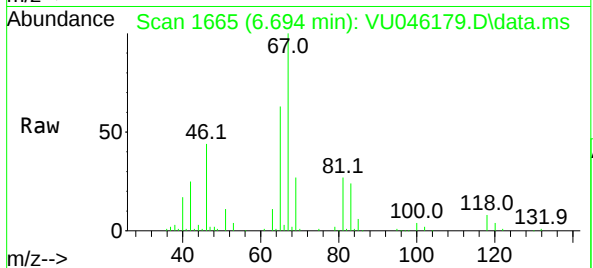
ClientSampleId :

Tgt Ion: 63 Resp: 9183

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.897 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046179.D

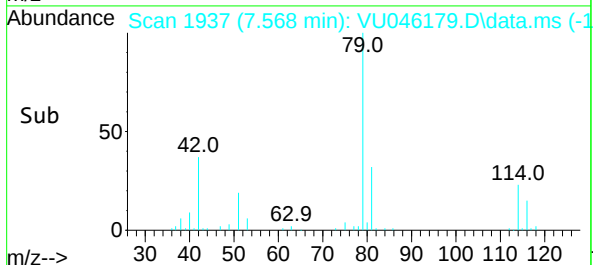
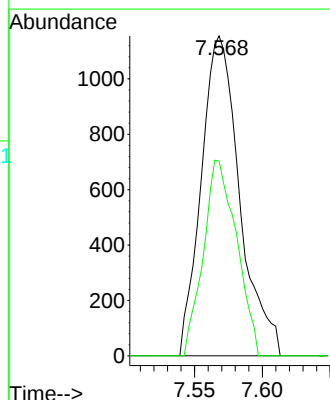
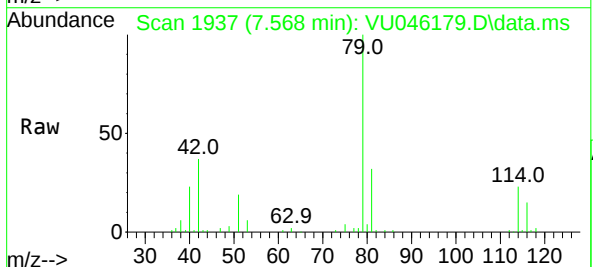
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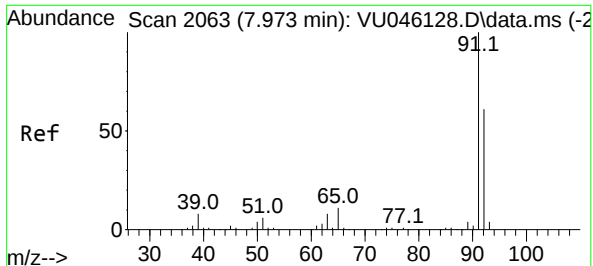
Tgt Ion: 75 Resp: 2278

Ion Ratio Lower Upper

75 100

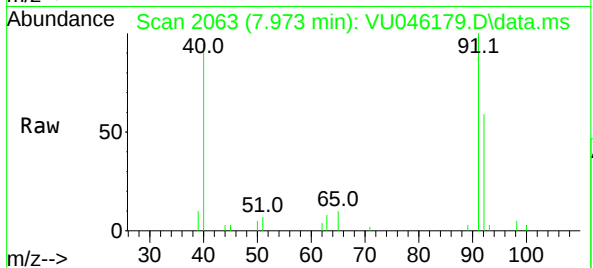
77 61.0 21.8 40.6#



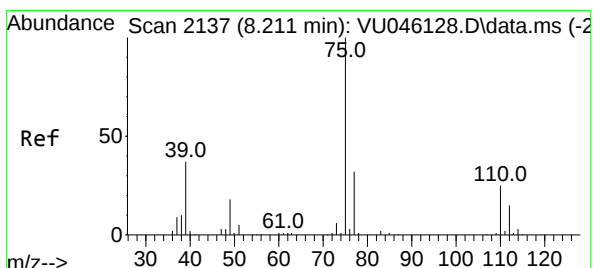
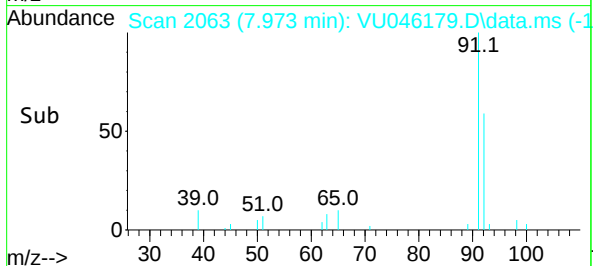
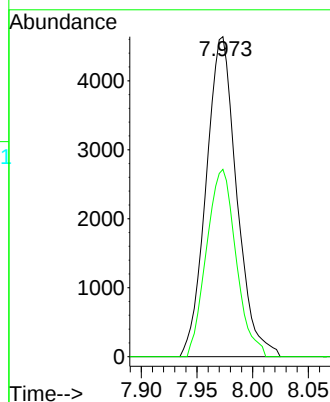


#42
Toluene
Concen: 1.297 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

Instrument :
MSVOA_U
ClientSampleId :

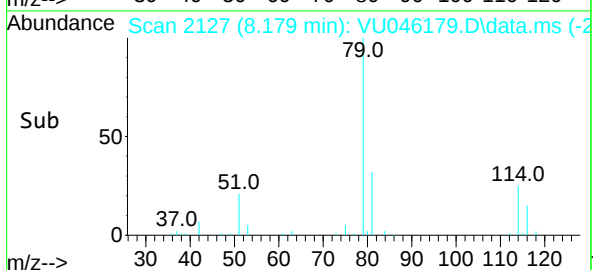
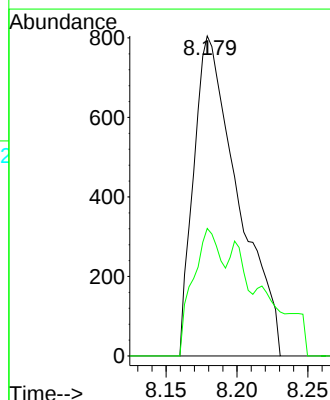
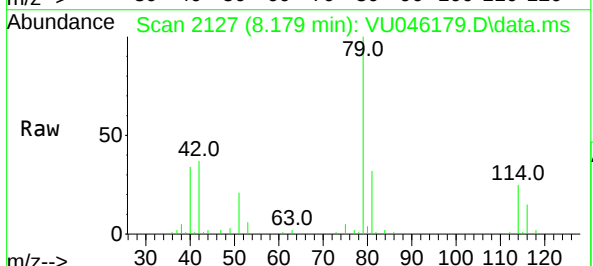


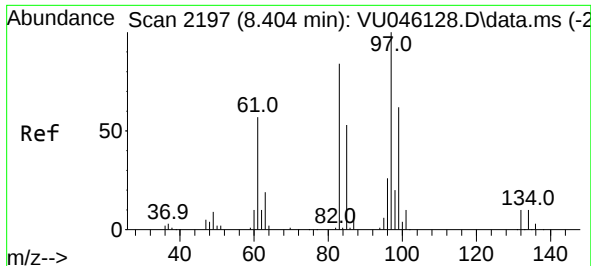
Tgt Ion: 91 Resp: 8865
Ion Ratio Lower Upper
91 100
92 58.5 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 8.179 min Scan# 2127
Delta R.T. -0.035 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

Tgt Ion: 75 Resp: 1745
Ion Ratio Lower Upper
75 100
77 39.9 21.7 40.3



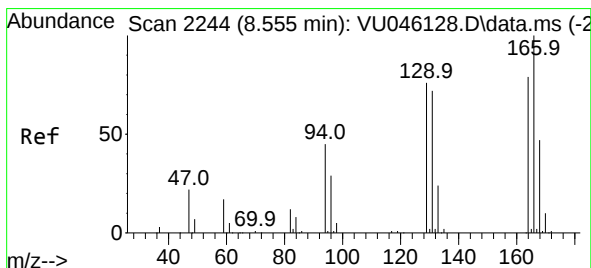
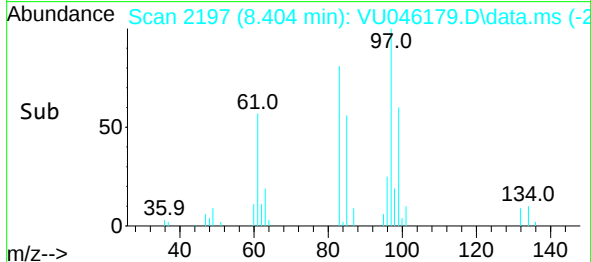
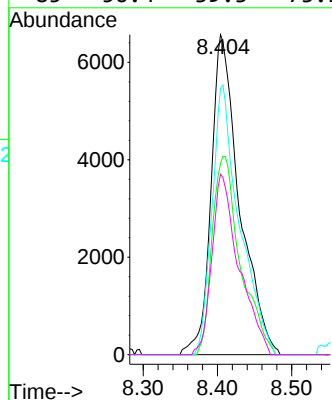
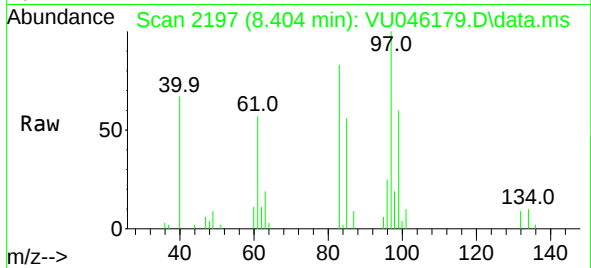


#45
1,1,2-Trichloroethane
Concen: 10.428 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 17457

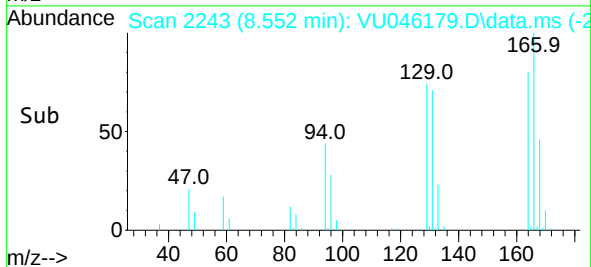
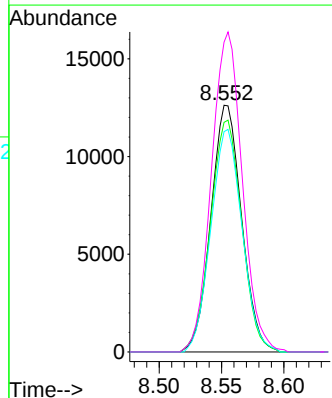
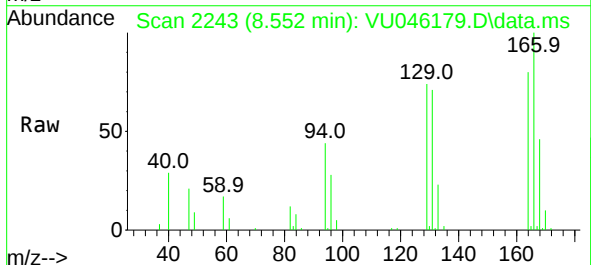
Ion	Ratio	Lower	Upper
97	100		
99	59.8	44.7	82.9
83	83.2	60.2	111.8
85	56.4	39.3	73.1

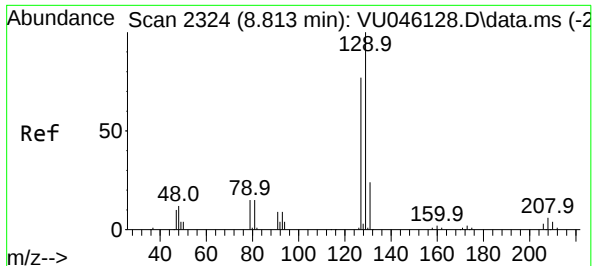


#46
Tetrachloroethene
Concen: 17.543 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

Tgt Ion: 164 Resp: 21634

Ion	Ratio	Lower	Upper
164	100		
129	93.1	71.1	132.1
131	89.3	67.8	126.0
166	125.5	90.6	168.2

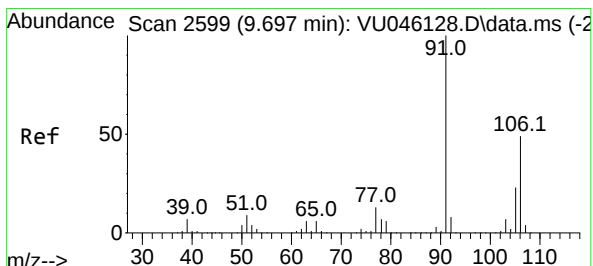
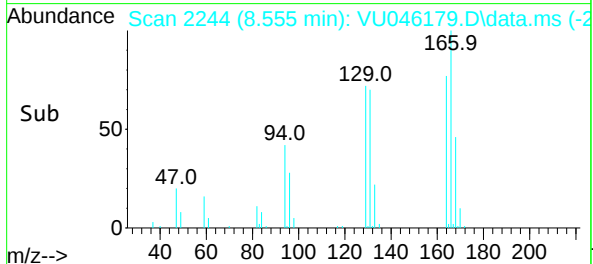
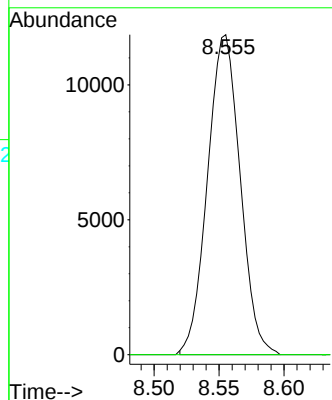
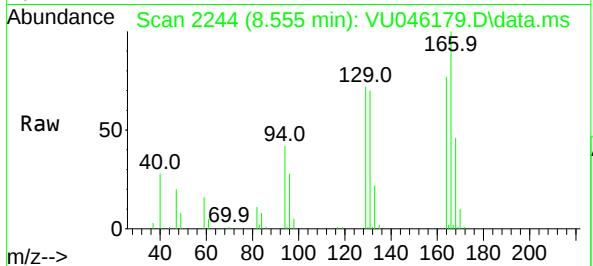




#49
Dibromochloromethane
Concen: 11.777 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

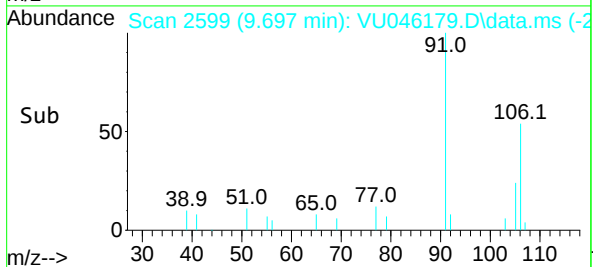
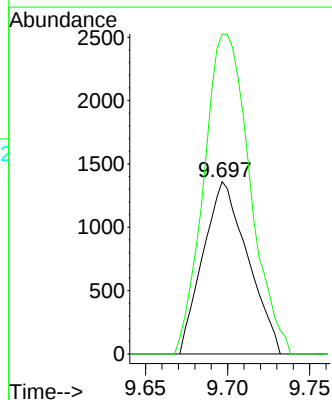
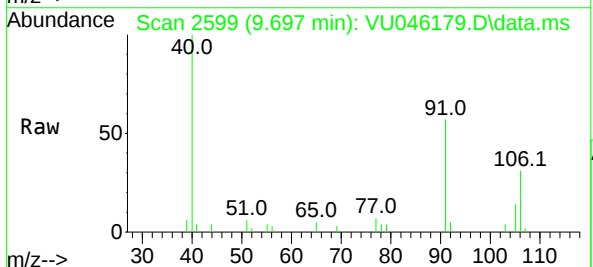
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MSVOA_U
ClientSampleId :

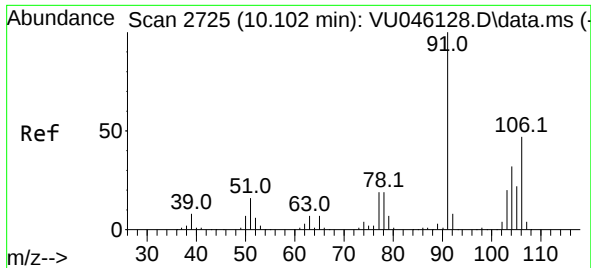
Tgt Ion:129 Resp: 20703
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



#53
m,p-Xylene
Concen: 0.896 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

Tgt Ion:106 Resp: 2571
Ion Ratio Lower Upper
106 100
91 185.7 144.3 268.1

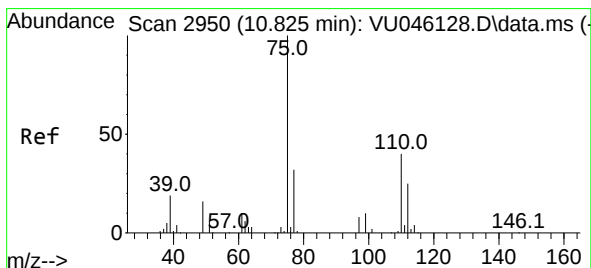
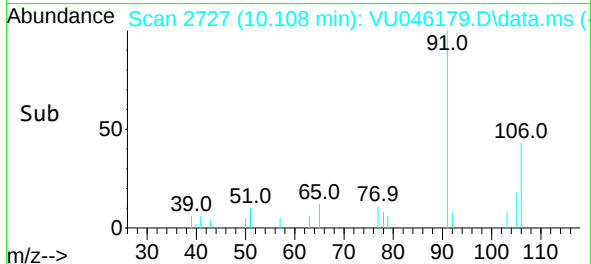
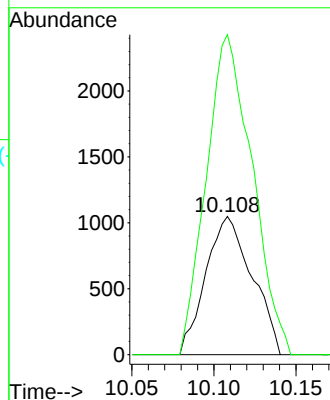
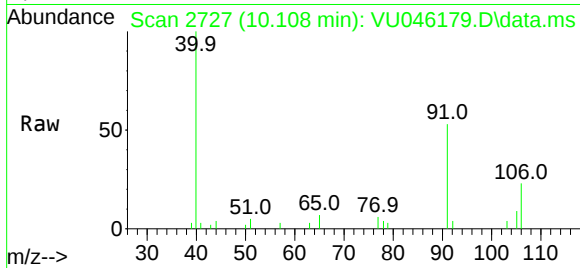




#54
o-xylene
Concen: 0.738 ug/L
RT: 10.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

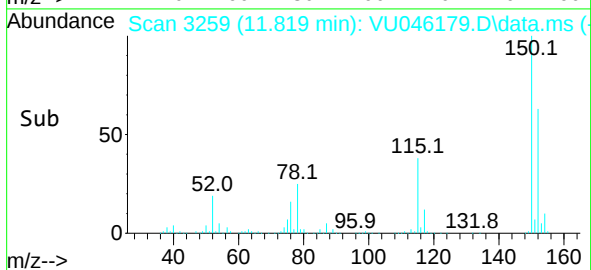
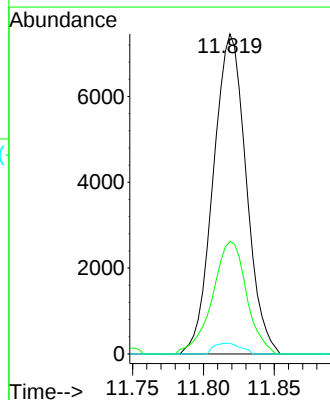
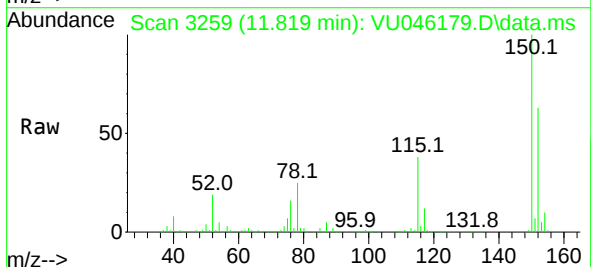
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MSVOA_U
ClientSampleId :

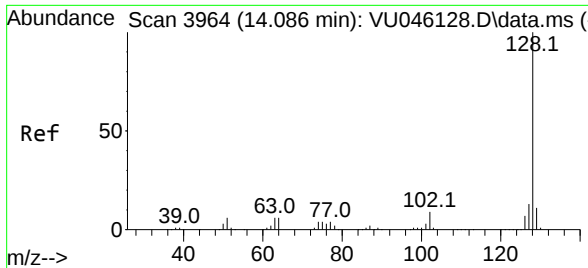
Tgt Ion:106 Resp: 2054
Ion Ratio Lower Upper
106 100
91 231.6 154.2 286.4



#60
1,2,3-Trichloropropane
Concen: 5.021 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.993 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

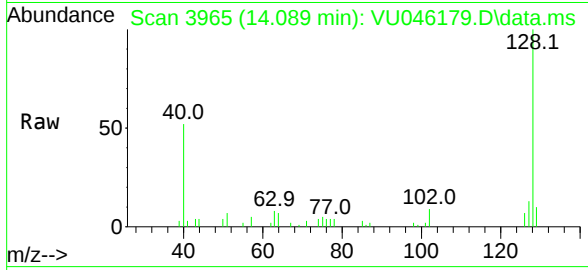
Tgt Ion: 75 Resp: 12040
Ion Ratio Lower Upper
75 100
77 36.5 26.4 39.6
110 2.7 32.4 48.6#





#71
Naphthalene
Concen: 1.842 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046179.D
Acq: 08 Dec 2021 16:34

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 14015
Ion Ratio Lower Upper
128 100
127 12.4 10.1 15.1
129 9.9 8.6 13.0

