

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049830.D
 Acq On : 21 Jul 2022 15:23
 Operator : SY/MD
 Sample : N3744-16ME
 Misc : 5.82g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 22 04:13:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

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

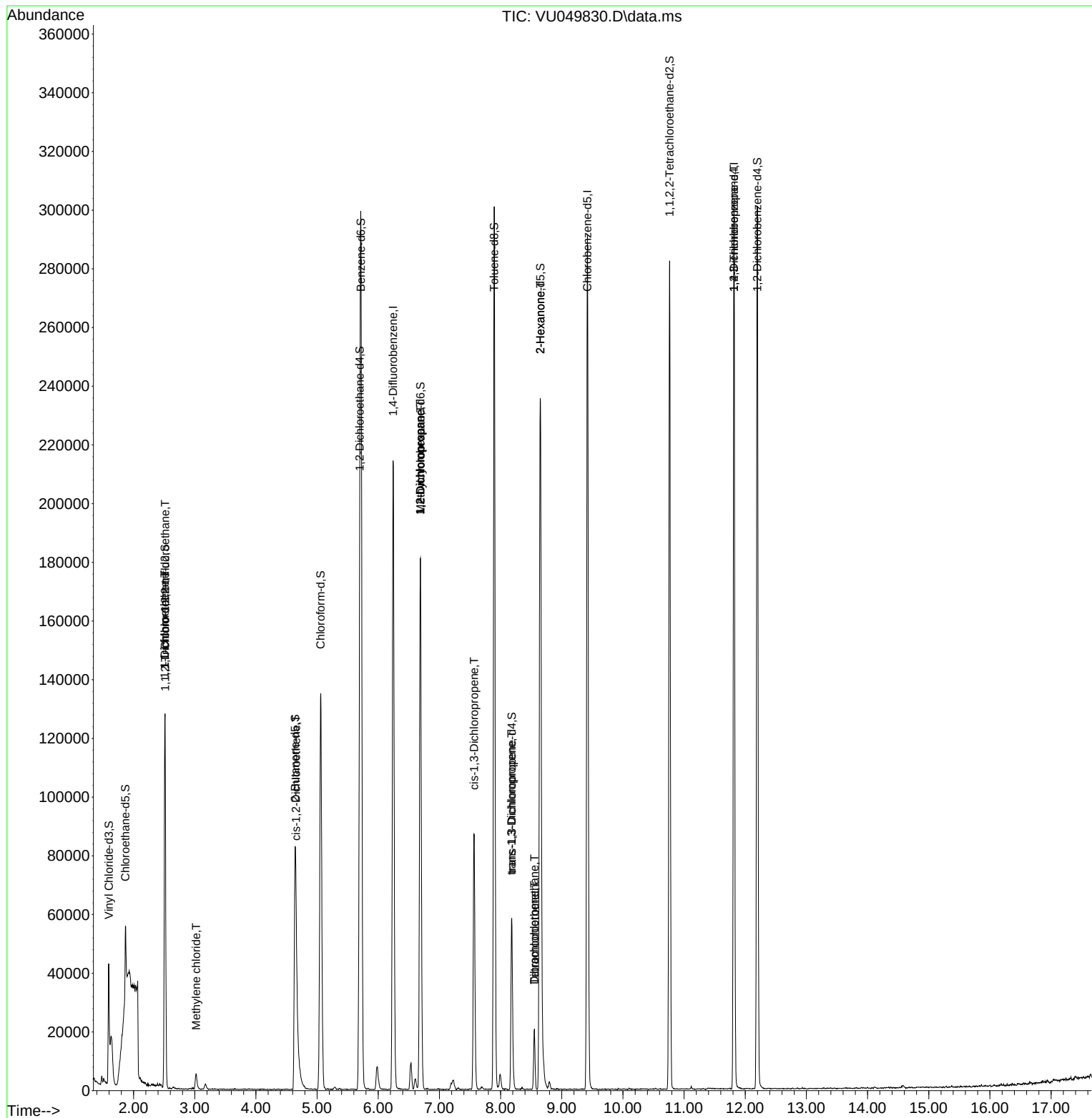
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	169664	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	163781	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	74046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	35206	24.593	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	49.180%#
7) Chloroethane-d5	1.867	69	23795	22.996	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	46.000%#
11) 1,1-Dichloroethene-d2	2.514	63	78732	31.136	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.280%
21) 2-Butanone-d5	4.642	46	151786	124.206	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.210%
24) Chloroform-d	5.060	84	125871	49.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.280%
26) 1,2-Dichloroethane-d4	5.697	65	94629	55.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.280%
32) Benzene-d6	5.716	84	236033	47.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.880%
36) 1,2-Dichloropropane-d6	6.690	67	87223	52.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.240%
41) Toluene-d8	7.896	98	192640	44.459	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.920%
43) trans-1,3-Dichloroprop...	8.182	79	35662	50.576	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.160%
47) 2-Hexanone-d5	8.648	63	94633	125.704	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.700%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	141946	60.616	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.240%#
66) 1,2-Dichlorobenzene-d4	12.198	152	74881	53.636	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.280%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.517	101	573	0.438	ug/L #	20
12) 1,1-Dichloroethene	2.510	96	574	0.473	ug/L #	1
16) Methylene chloride	3.025	84	2975	1.948	ug/L	97
20) cis-1,2-Dichloroethene	4.655	96	2672	1.792	ug/L	94
35) Methylcyclohexane	6.690	83	18906	8.085	ug/L #	17
37) 1,2-Dichloropropane	6.687	63	10450	6.124	ug/L #	89
39) cis-1,3-Dichloropropene	7.568	75	2591	1.126	ug/L #	80
44) trans-1,3-Dichloropropene	8.179	75	1689	0.782	ug/L	95
46) Tetrachloroethene	8.552	164	4280	4.147	ug/L	96
48) 2-Hexanone	8.648	43	13453	6.094	ug/L #	77
49) Dibromochloromethane	8.552	129	4358	2.909	ug/L #	9
60) 1,2,3-Trichloropropane	11.816	75	9885	5.012	ug/L #	69

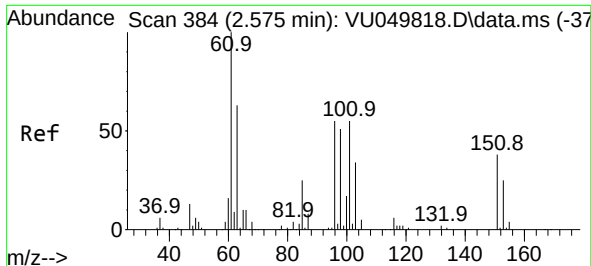
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jul 22 03:08:56 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.438 ug/L

RT: 2.517 min Scan# 3

Delta R.T. -0.058 min

Lab File: VU049830.D

Acq: 21 Jul 2022 15:23

Instrument :

MSVOA_U

ClientSampleId :

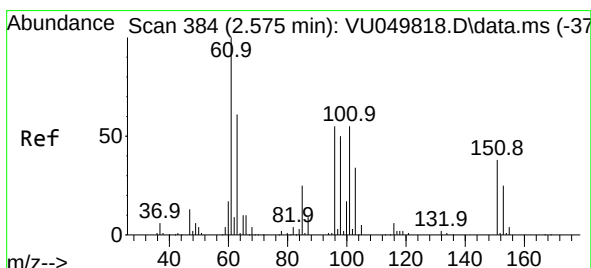
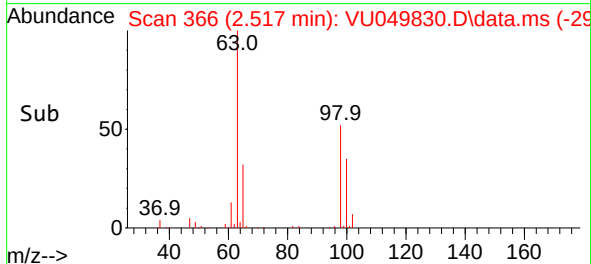
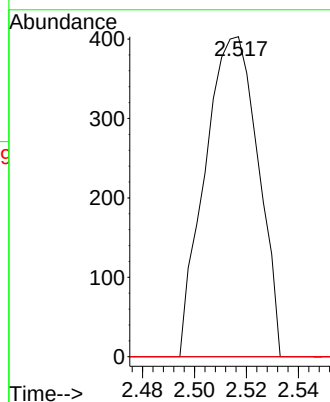
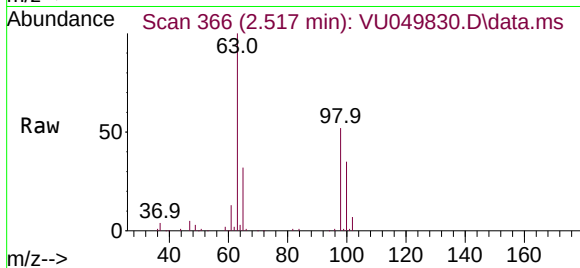
Tgt Ion:101 Resp: 573

Ion Ratio Lower Upper

101 100

85 0.0 37.3 55.9#

151 0.0 56.9 85.3#



#12

1,1-Dichloroethene

Concen: 0.473 ug/L

RT: 2.510 min Scan# 364

Delta R.T. -0.064 min

Lab File: VU049830.D

Acq: 21 Jul 2022 15:23

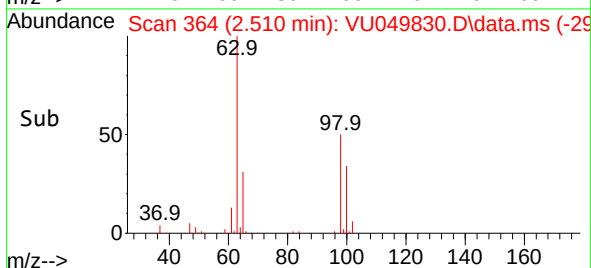
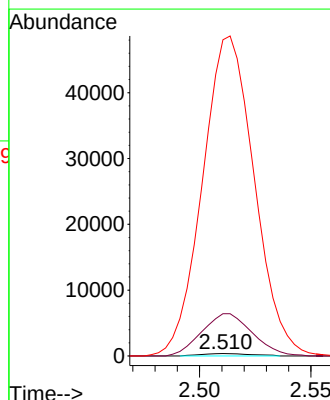
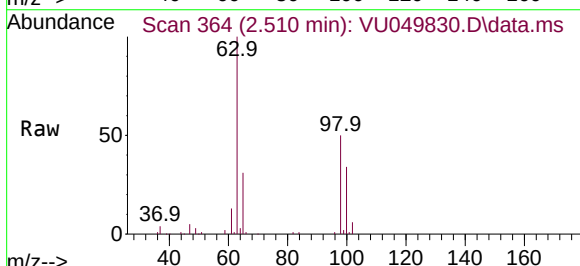
Tgt Ion: 96 Resp: 574

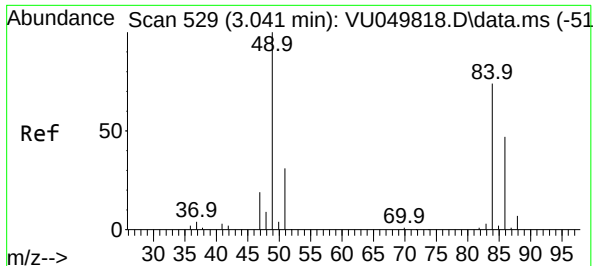
Ion Ratio Lower Upper

96 100

61 1812.4 129.6 240.6#

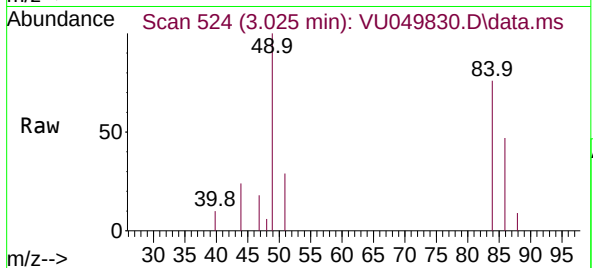
63 13572.9 79.0 146.6#



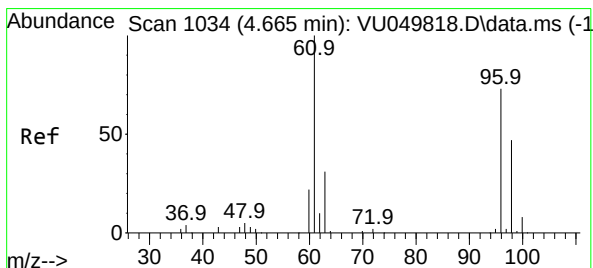
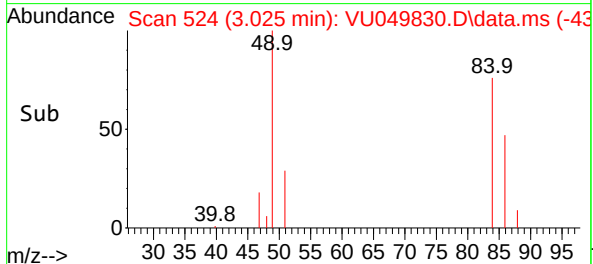
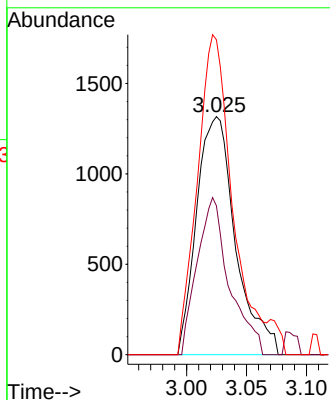


#16
Methylene chloride
Concen: 1.948 ug/L
RT: 3.025 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

Instrument :
MSVOA_U
ClientSampleId :

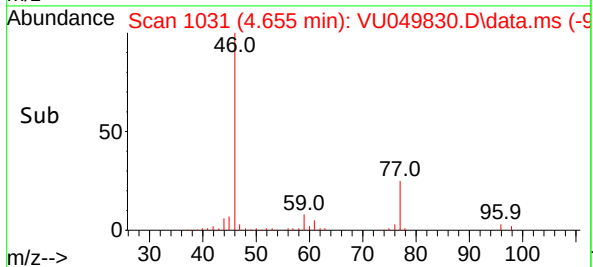
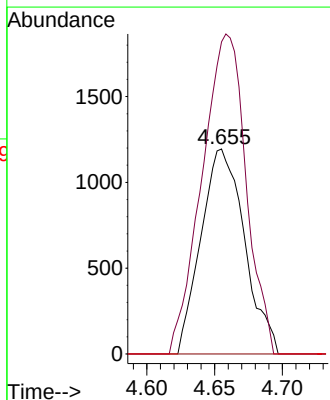
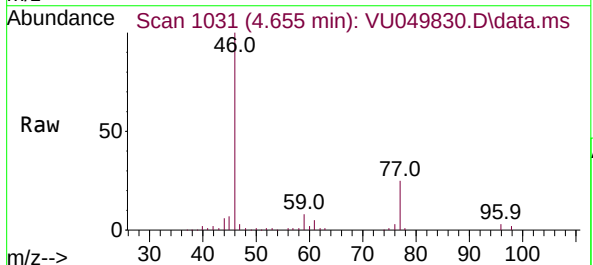


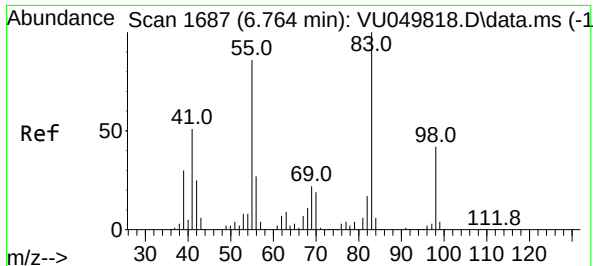
Tgt Ion:	84	Resp:	2975
Ion	Ratio	Lower	Upper
84	100		
86	62.5	45.6	84.6
49	132.3	94.4	175.4



#20
cis-1,2-Dichloroethene
Concen: 1.792 ug/L
RT: 4.655 min Scan# 1031
Delta R.T. -0.010 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

Tgt Ion:	96	Resp:	2672
Ion	Ratio	Lower	Upper
96	100		
61	152.2	101.1	187.7
68	0.0	0.0	0.0

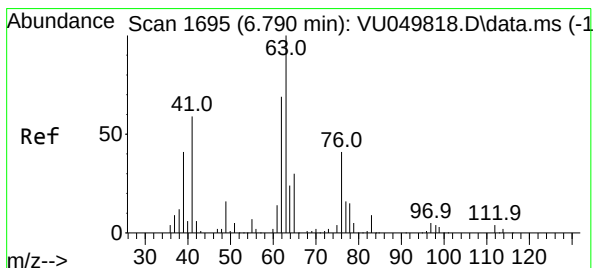
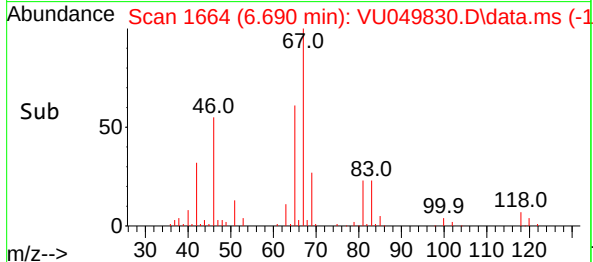
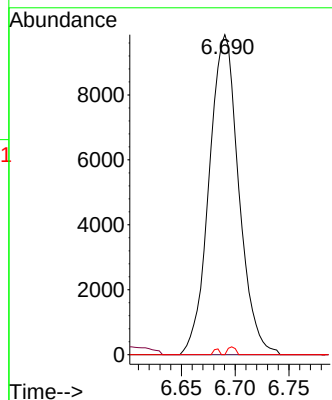
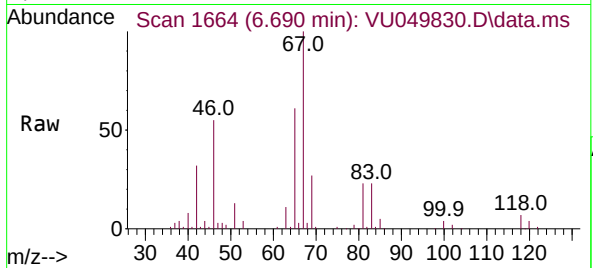




#35
Methylcyclohexane
Concen: 8.085 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

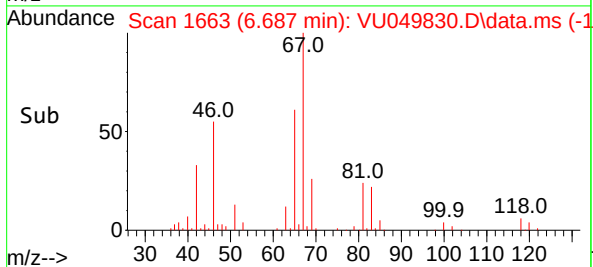
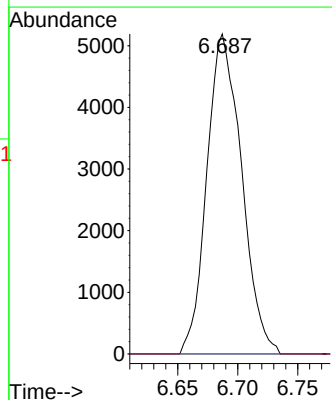
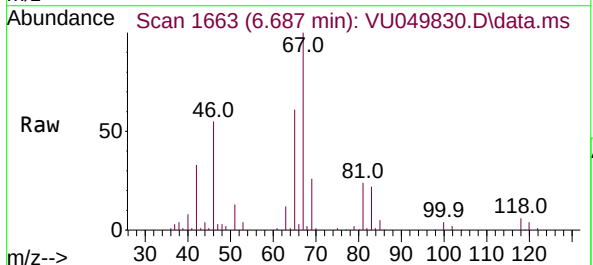
Instrument :
MSVOA_U
ClientSampleId :

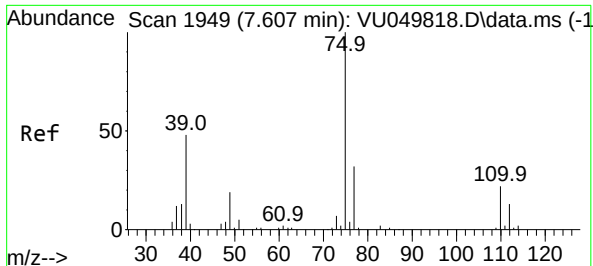
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	0.6	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 6.124 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.8	4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.126 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.038 min

Lab File: VU049830.D

Acq: 21 Jul 2022 15:23

Instrument :

MSVOA_U

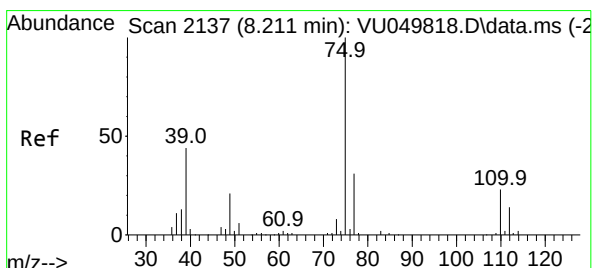
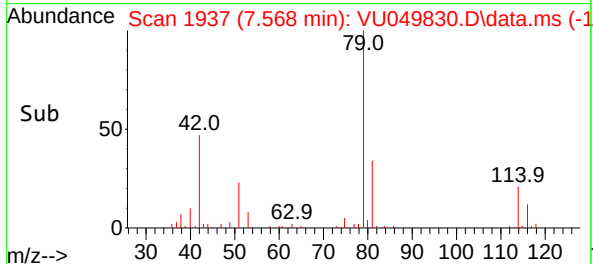
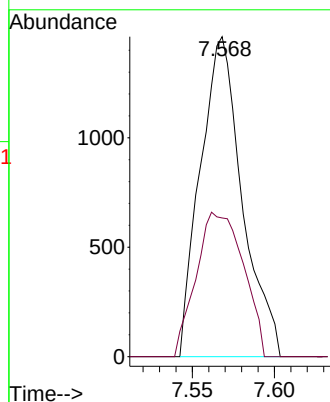
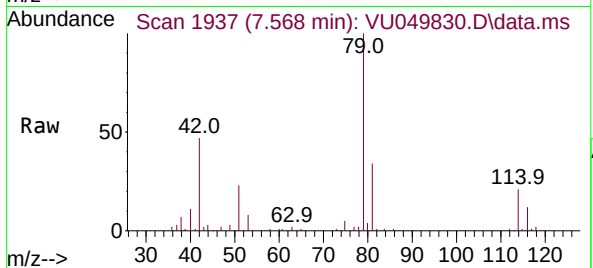
ClientSampleId :

Tgt Ion: 75 Resp: 2591

Ion Ratio Lower Upper

75 100

77 43.4 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.782 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU049830.D

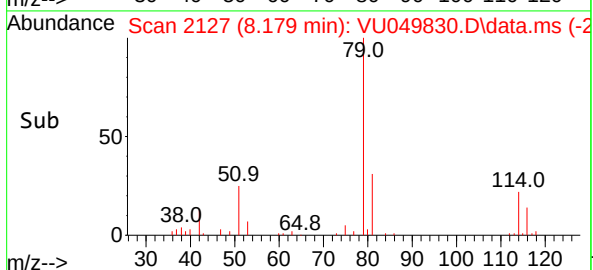
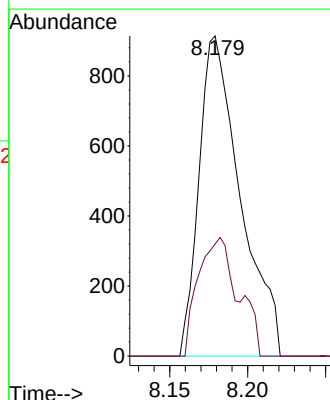
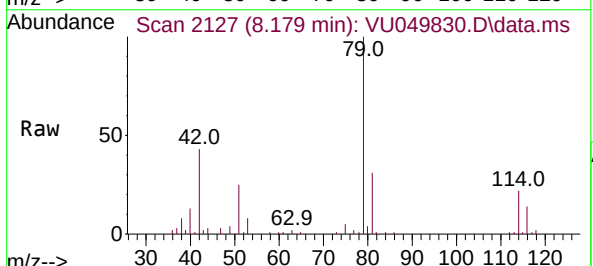
Acq: 21 Jul 2022 15:23

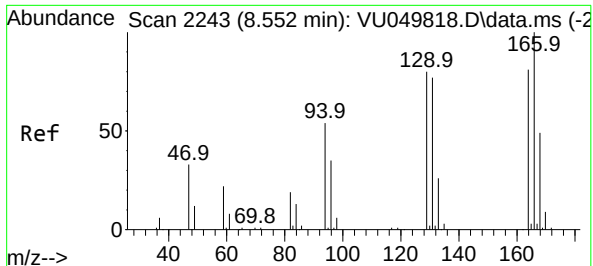
Tgt Ion: 75 Resp: 1689

Ion Ratio Lower Upper

75 100

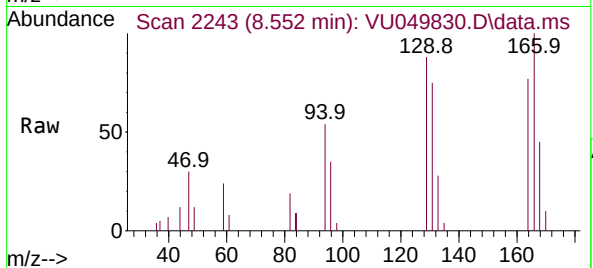
77 35.0 22.5 41.9





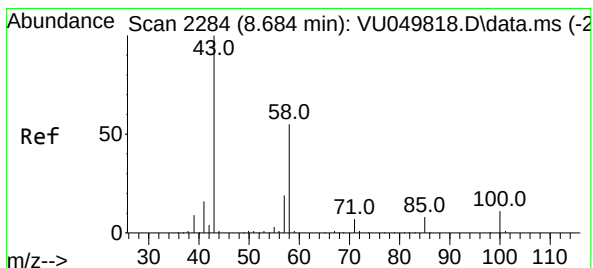
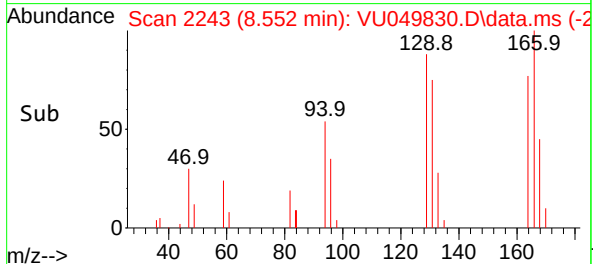
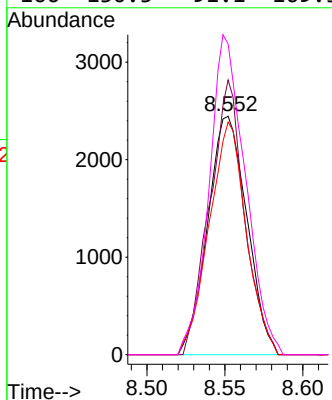
#46
Tetrachloroethene
Concen: 4.147 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 4280

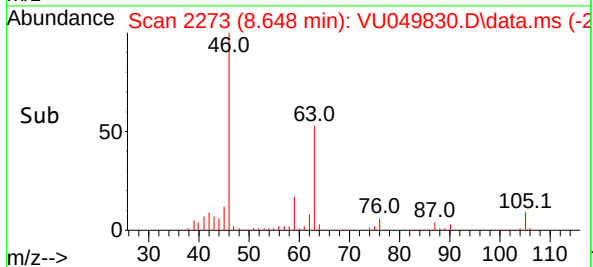
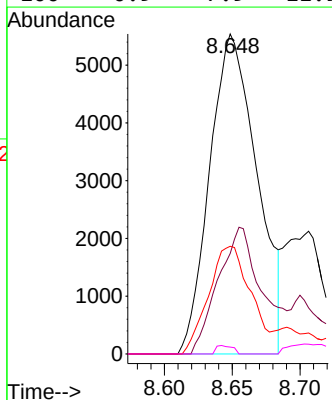
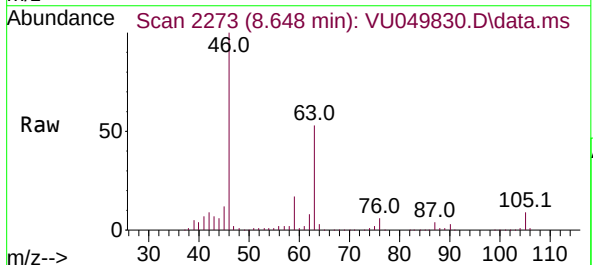
Ion	Ratio	Lower	Upper
164	100		
129	115.2	72.0	133.8
131	97.5	69.0	128.1
166	130.3	91.1	169.3

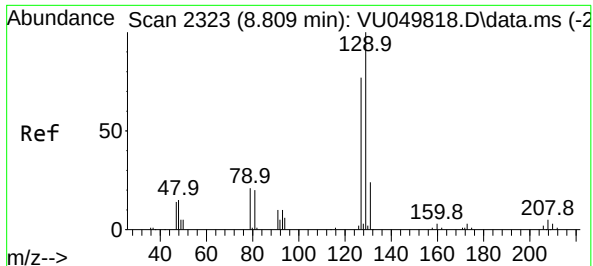


#48
2-Hexanone
Concen: 6.094 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.035 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

Tgt Ion: 43 Resp: 13453

Ion	Ratio	Lower	Upper
43	100		
58	37.3	42.6	64.0#
57	29.8	15.0	22.6#
100	0.9	7.9	11.9#





#49

Dibromochloromethane

Concen: 2.909 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU049830.D

Acq: 21 Jul 2022 15:23

Instrument :

MSVOA_U

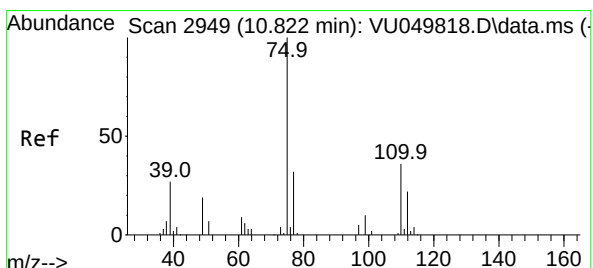
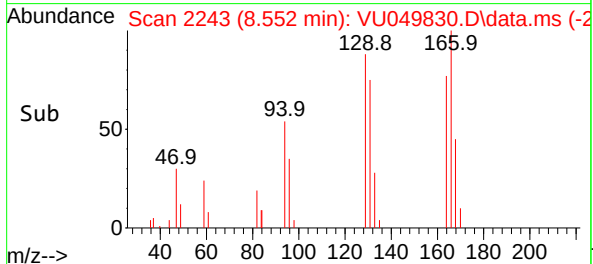
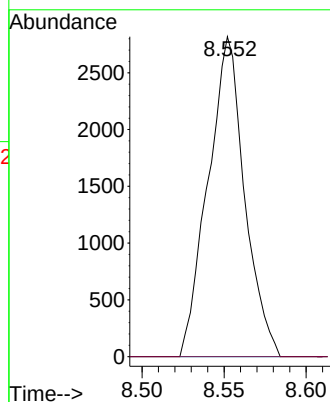
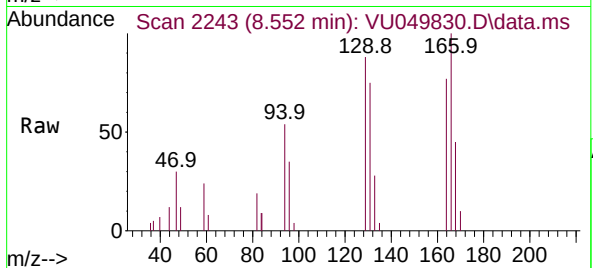
ClientSampleId :

Tgt Ion:129 Resp: 4358

Ion Ratio Lower Upper

129 100

127 0.0 56.9 105.7#



#60

1,2,3-Trichloropropane

Concen: 5.012 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU049830.D

Acq: 21 Jul 2022 15:23

Tgt Ion: 75 Resp: 9885

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

110 2.6 28.9 43.3#

