

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 :
 F5D02ME

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)

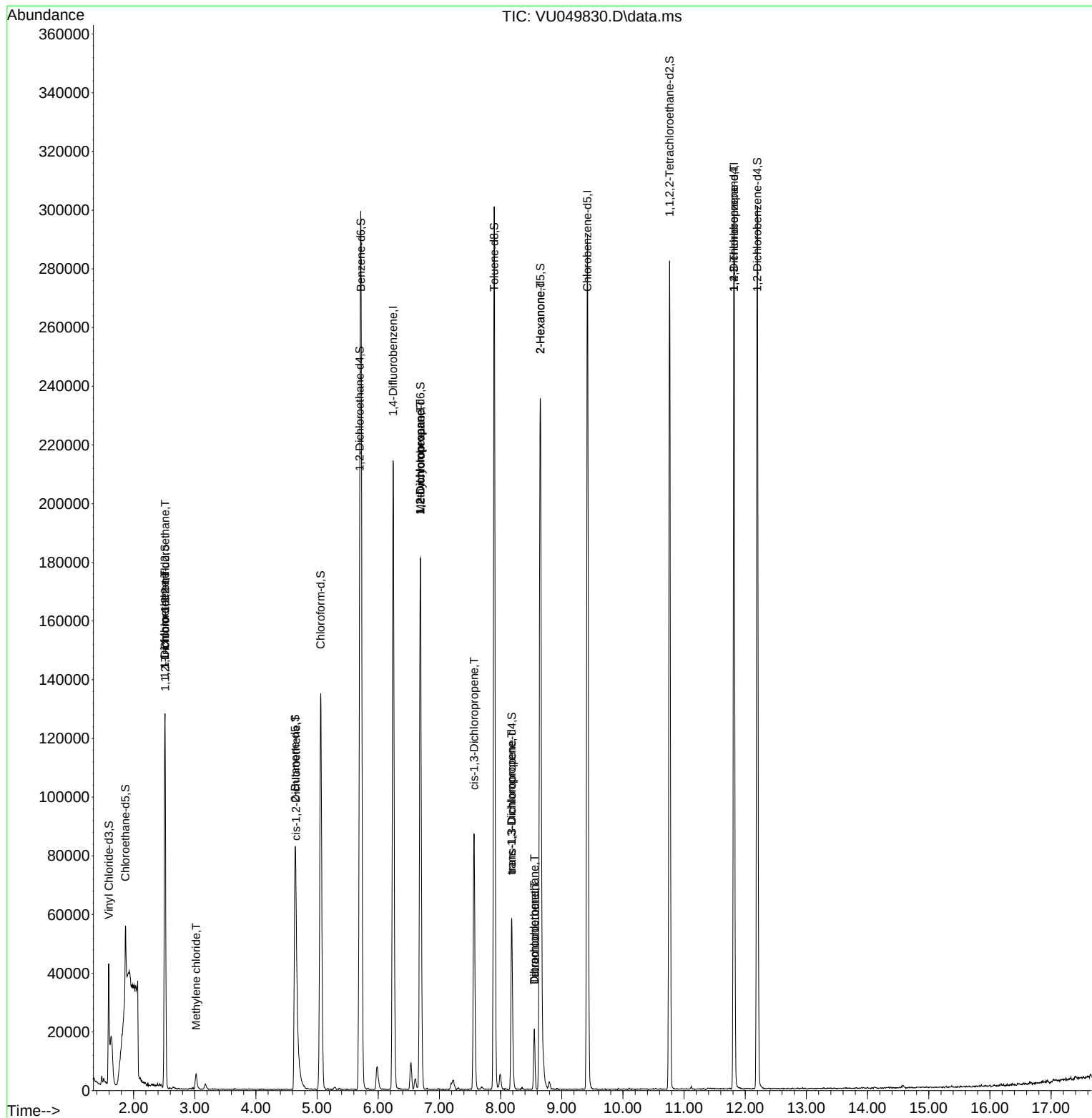
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	169664	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	163781	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	74046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	35206	24.593	ug/L	0.00
Spiked Amount 50.000	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

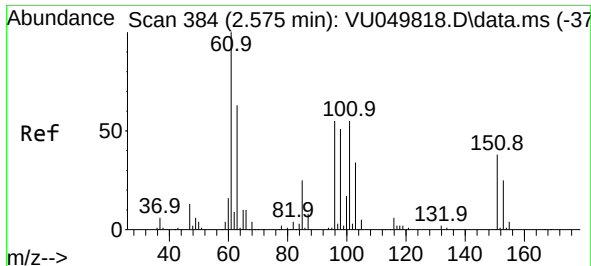
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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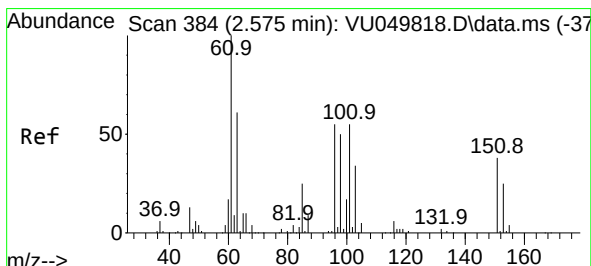
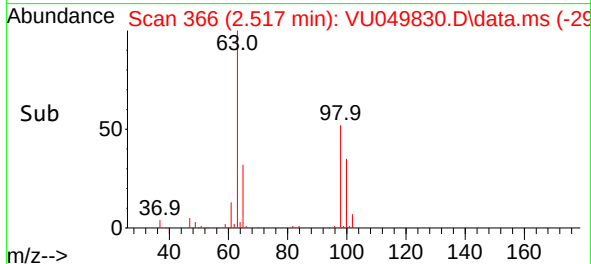
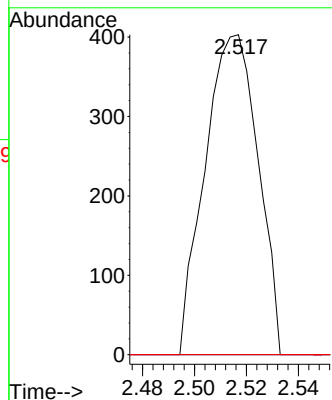
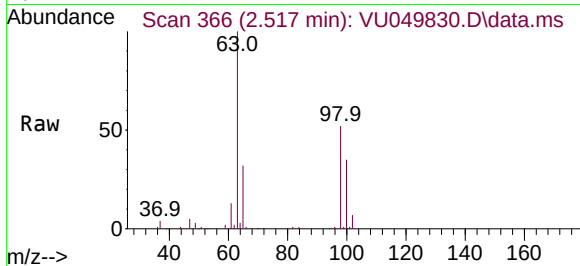




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.438 ug/L
 RT: 2.517 min Scan# 30
 Delta R.T. -0.058 min
 Lab File: VU049830.D
 Acq: 21 Jul 2022 15:23

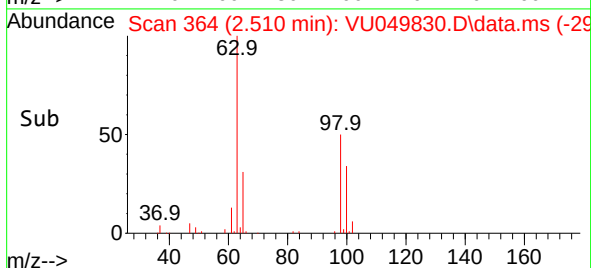
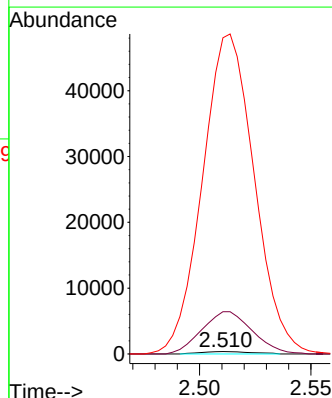
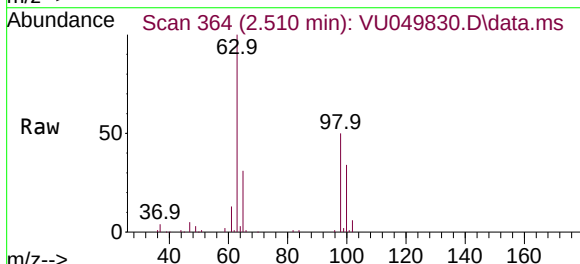
Instrument :
 MSVOA_U
 ClientSampleId :
 F5D02ME

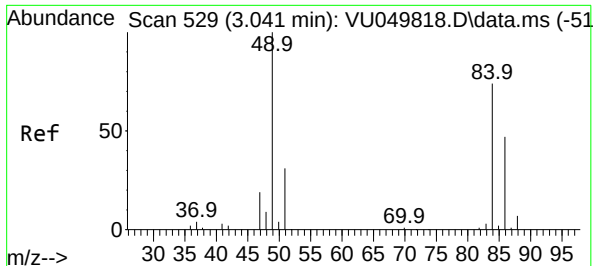
Tgt Ion:101 Resp: 573
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.3 55.9#
 151 0.0 56.9 85.3#



#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#

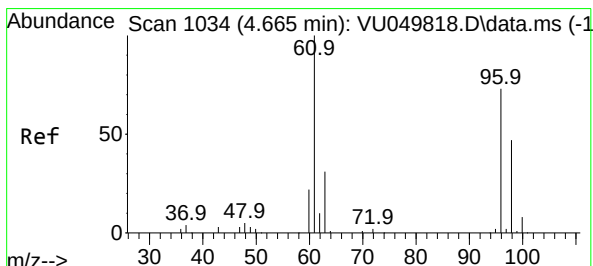
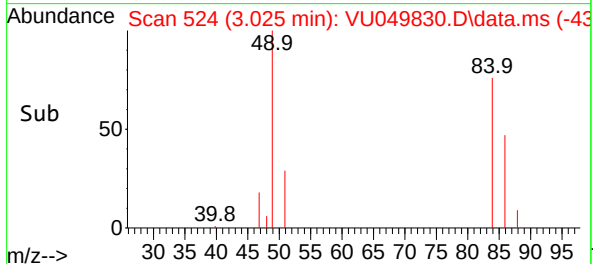
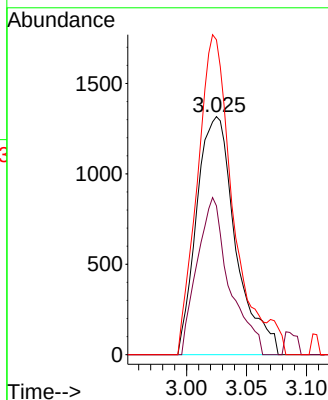
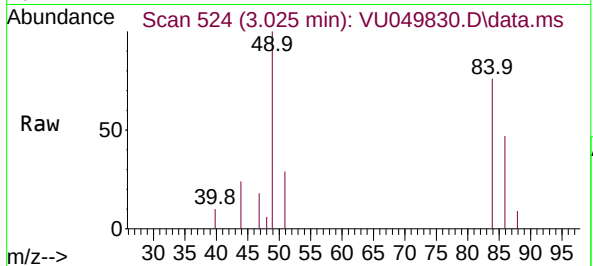




#16
Methylene chloride
Concen: 1.948 ug/L
RT: 3.025 min Scan# 51
Delta R.T. -0.016 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

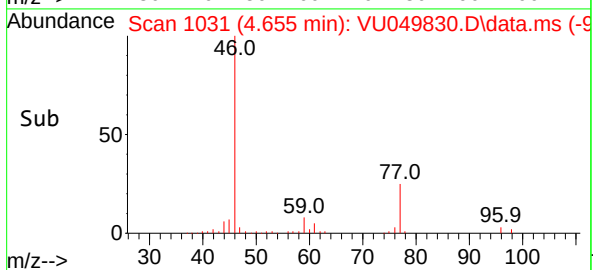
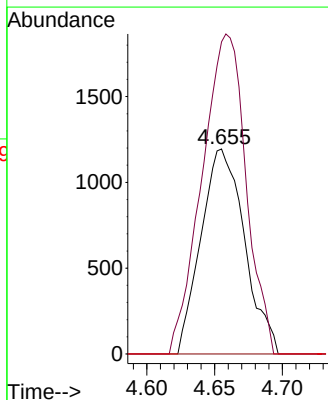
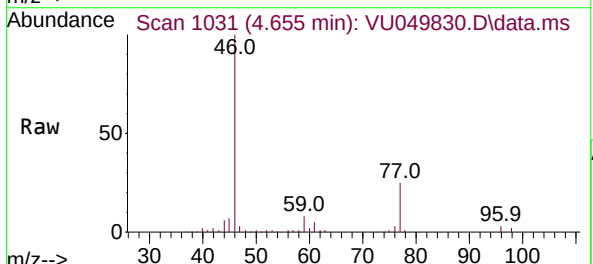
Instrument :
MSVOA_U
ClientSampleId :
F5D02ME

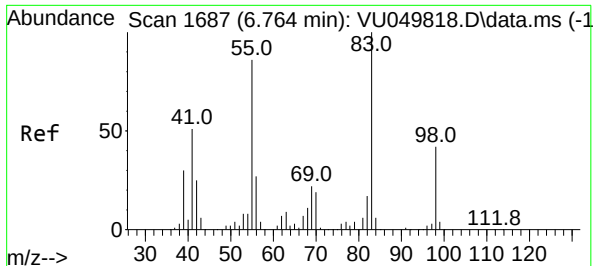
Tgt Ion:	84	Resp:	2975
Ion	Ratio	Lower	Upper
84	100		
86	62.5	45.6	84.6
49	132.3	94.4	175.4



#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

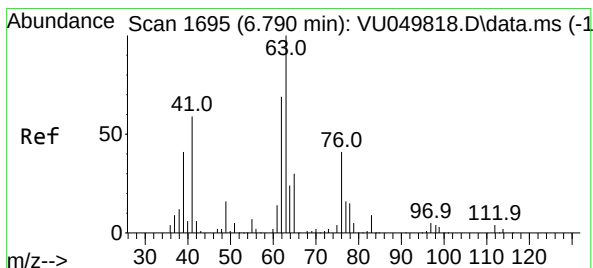
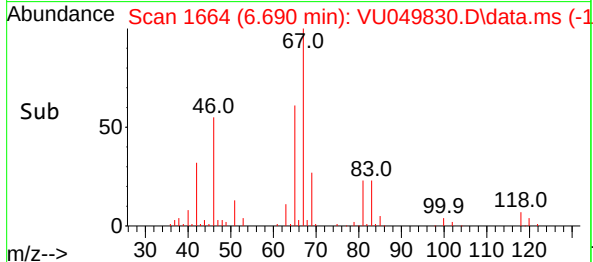
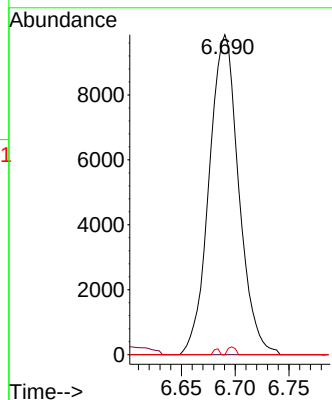
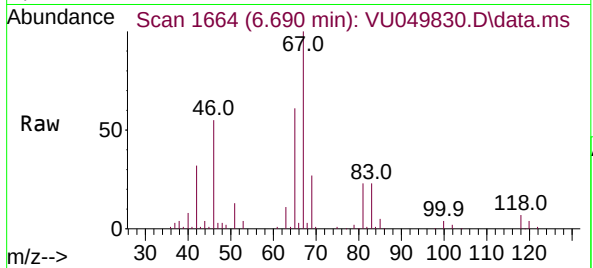




#35
Methylcyclohexane
Concen: 8.085 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

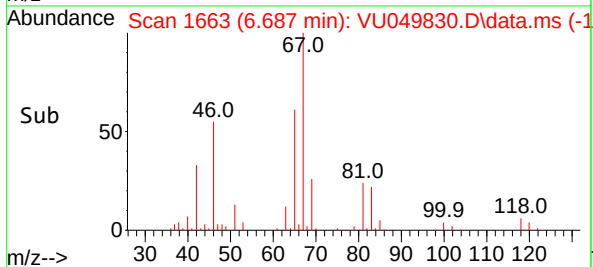
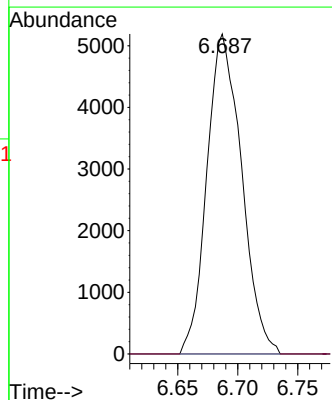
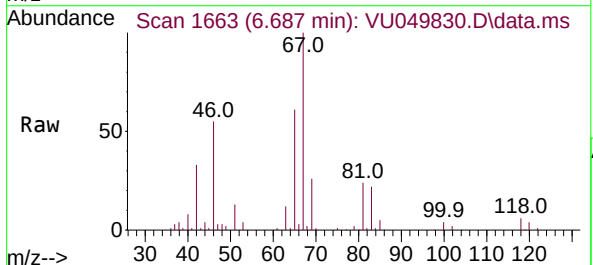
Instrument :
MSVOA_U
ClientSampleId :
F5D02ME

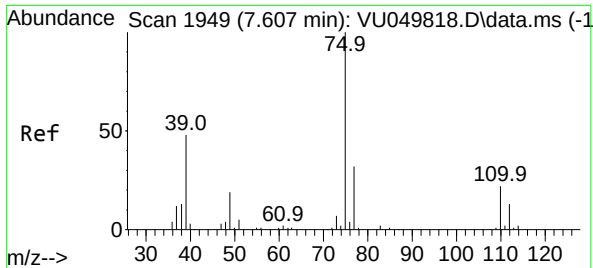
Tgt Ion: 83 Resp: 18906
Ion Ratio Lower Upper
83 100
55 0.0 66.0 99.0#
98 0.6 34.6 51.8#



#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: 63 Resp: 10450
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 :

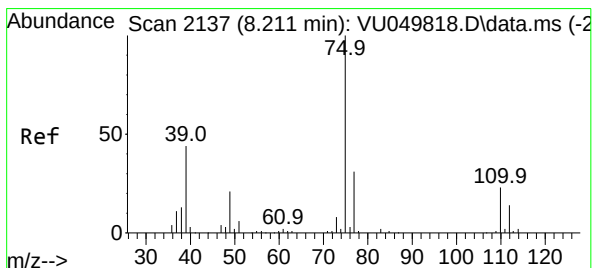
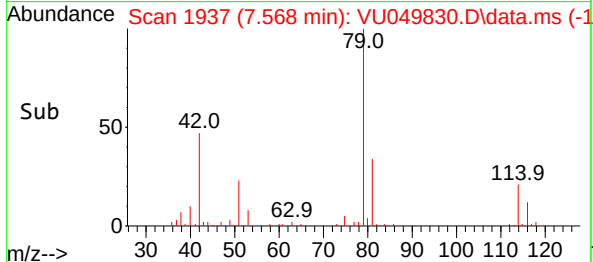
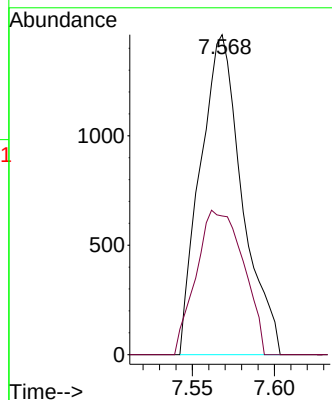
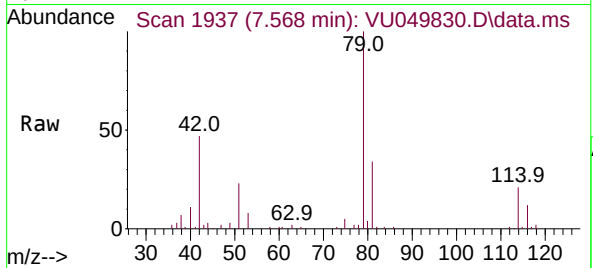
F5D02ME

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

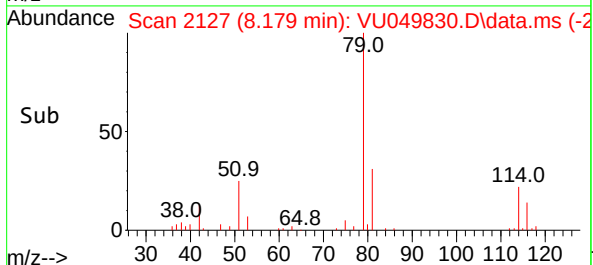
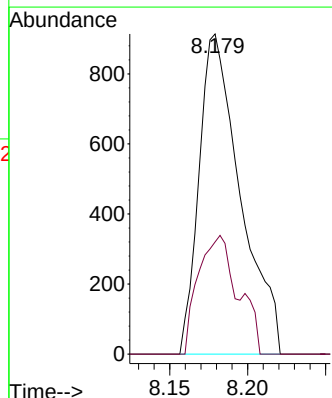
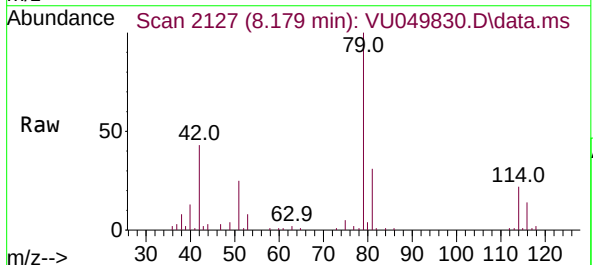
Acq: 21 Jul 2022 15:23

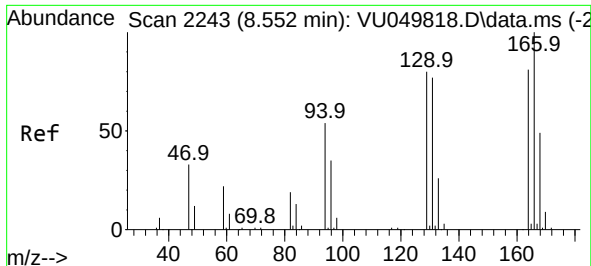
Tgt Ion: 75 Resp: 1689

Ion Ratio Lower Upper

75 100

77 35.0 22.5 41.9



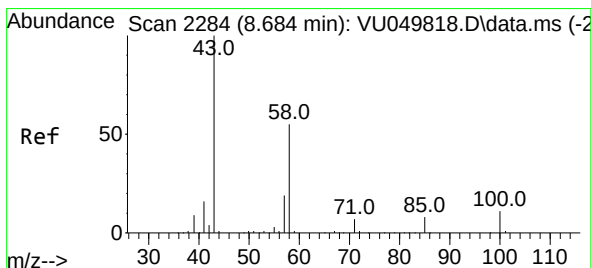
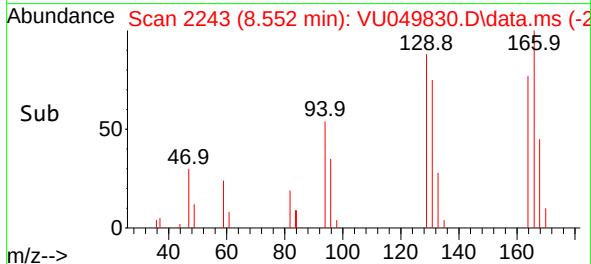
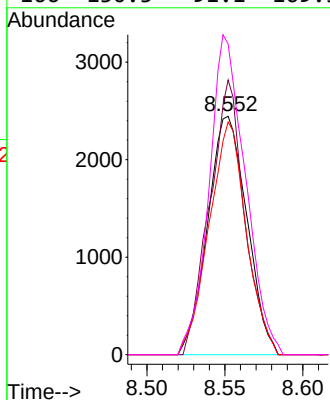
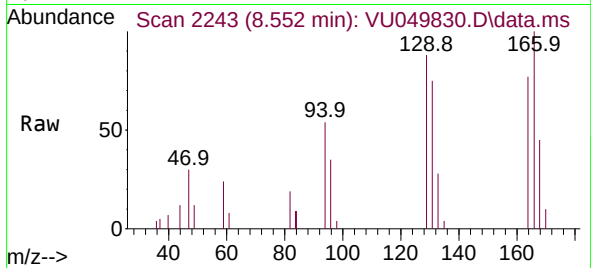


#46
Tetrachloroethene
Concen: 4.147 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

Instrument :
MSVOA_U
ClientSampleId :
F5D02ME

Tgt Ion:164 Resp: 4280

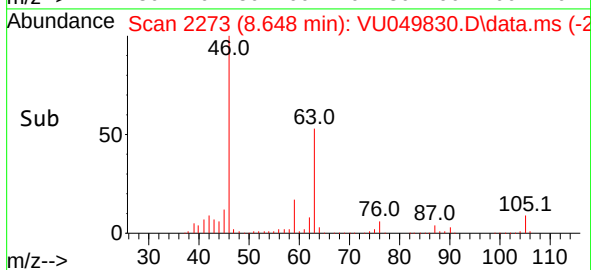
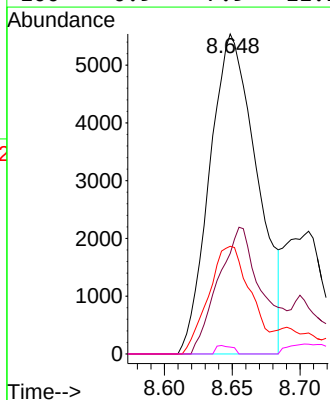
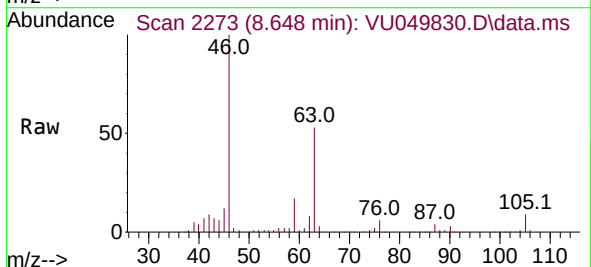
Ion	Ratio	Lower	Upper
164	100		
129	115.2	72.0	133.8
131	97.5	69.0	128.1
166	130.3	91.1	169.3

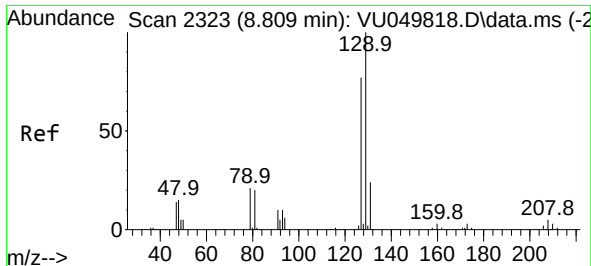


#48
2-Hexanone
Concen: 6.094 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.035 min
Lab File: VU049830.D
Acq: 21 Jul 2022 15:23

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 :

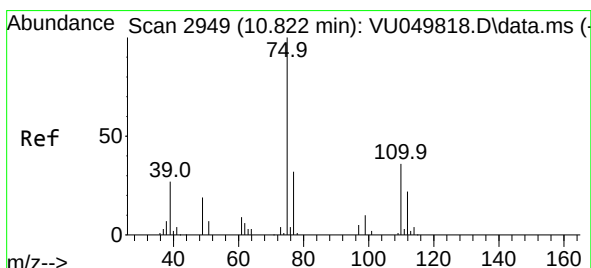
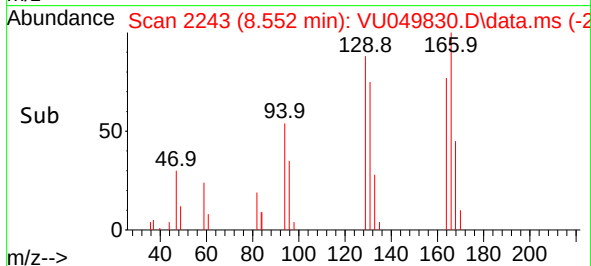
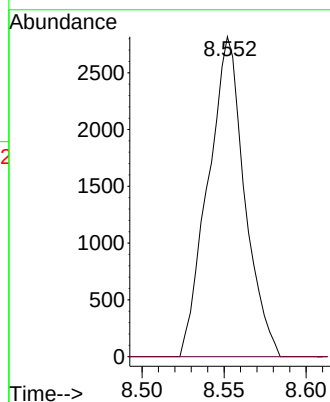
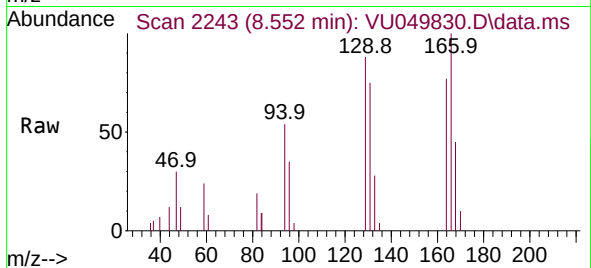
F5D02ME

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#

