

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072122\
 Data File : VU049831.D
 Acq On : 21 Jul 2022 15:47
 Operator : SY/MD
 Sample : N3744-17ME
 Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

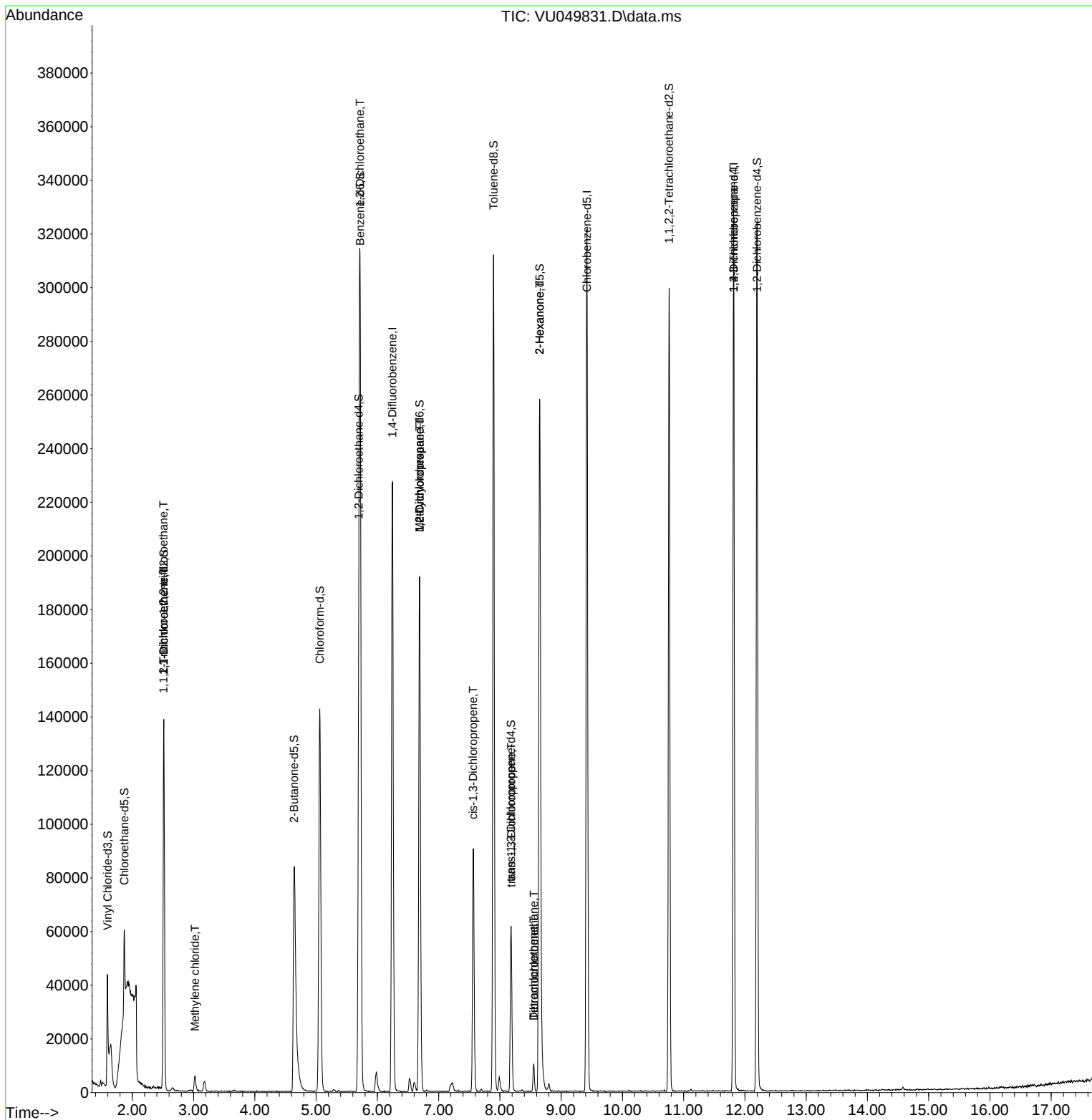
Quant Time: Jul 22 04:13:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 03:08:56 2022
 Response via : Initial Calibration

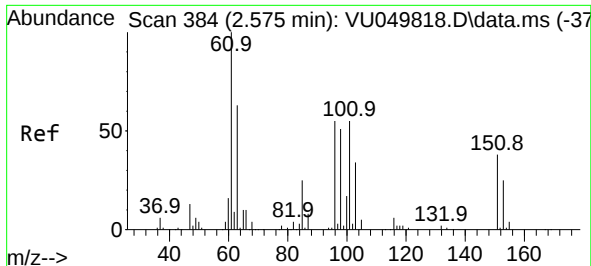
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	179217	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	176300	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	81353	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	36708	24.276	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	48.560%	#	
7) Chloroethane-d5	1.867	69	22436	20.526	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	41.060%	#	
11) 1,1-Dichloroethene-d2	2.514	63	81827	30.635	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.280%		
21) 2-Butanone-d5	4.642	46	161622	125.205	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	125.200%		
24) Chloroform-d	5.060	84	133937	50.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.020%		
26) 1,2-Dichloroethane-d4	5.697	65	98948	54.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.180%		
32) Benzene-d6	5.719	84	247379	46.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.380%		
36) 1,2-Dichloropropane-d6	6.690	67	92369	51.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.540%		
41) Toluene-d8	7.896	98	202389	43.392	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.780%		
43) trans-1,3-Dichloroprop...	8.182	79	36401	47.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.920%		
47) 2-Hexanone-d5	8.648	63	99754	123.097	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	123.100%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	148038	58.729	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	117.460%		
66) 1,2-Dichlorobenzene-d4	12.198	152	79535	51.853	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.700%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.510	101	529	0.383	ug/L #	20
12) 1,1-Dichloroethene	2.514	96	542	0.423	ug/L #	1
16) Methylene chloride	3.022	84	2831	1.754	ug/L	79
27) 1,2-Dichloroethane	5.716	62	1512	0.607	ug/L #	76
35) Methylcyclohexane	6.690	83	20773	8.252	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	10686	5.818	ug/L #	89
39) cis-1,3-Dichloropropene	7.562	75	2692	1.087	ug/L #	57
44) trans-1,3-Dichloropropene	8.185	75	1914	0.823	ug/L #	70
46) Tetrachloroethene	8.552	164	2098	1.888	ug/L	90
48) 2-Hexanone	8.648	43	14701	6.187	ug/L #	73
49) Dibromochloromethane	8.555	129	1846	1.145	ug/L #	9
60) 1,2,3-Trichloropropane	11.816	75	10660	4.919	ug/L #	65

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

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Response via : Initial Calibration





#10

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

Concen: 0.383 ug/L

RT: 2.510 min Scan# 3

Delta R.T. -0.064 min

Lab File: VU049831.D

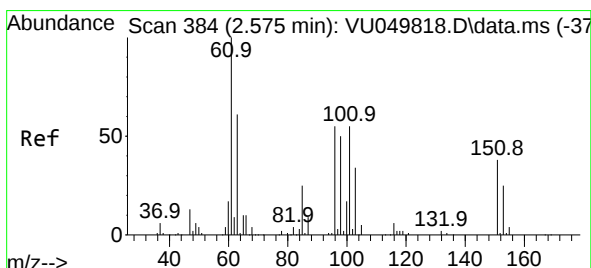
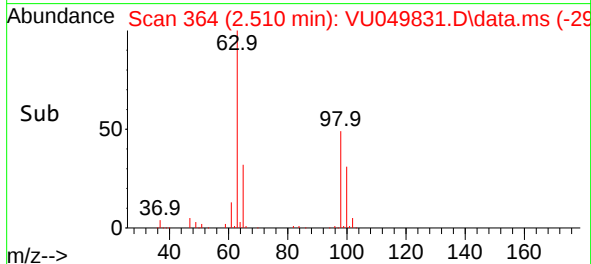
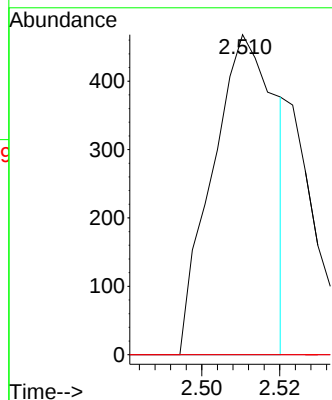
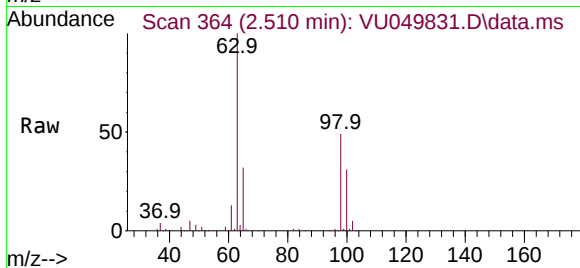
Acq: 21 Jul 2022 15:47

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	529
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: 0.423 ug/L

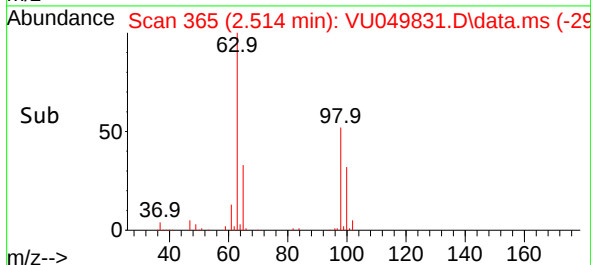
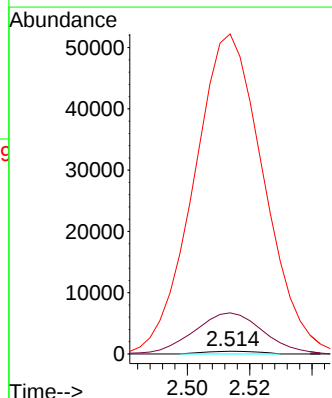
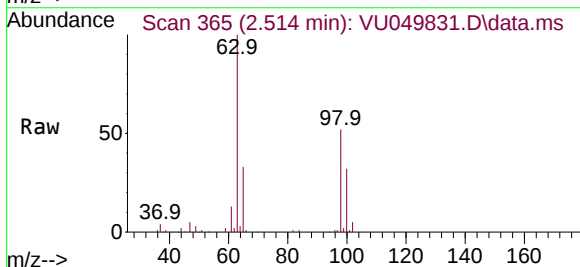
RT: 2.514 min Scan# 365

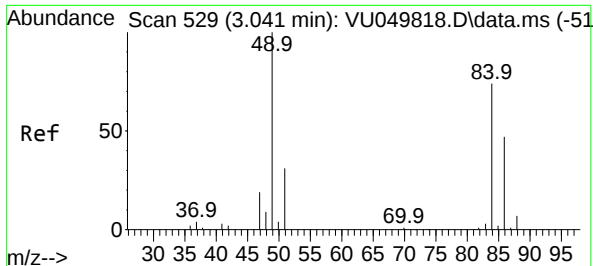
Delta R.T. -0.061 min

Lab File: VU049831.D

Acq: 21 Jul 2022 15:47

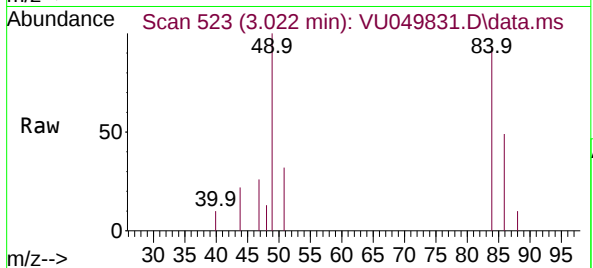
Tgt Ion:	96	Resp:	542
Ion	Ratio	Lower	Upper
96	100		
61	946.9	129.6	240.6#
63	7377.4	79.0	146.6#



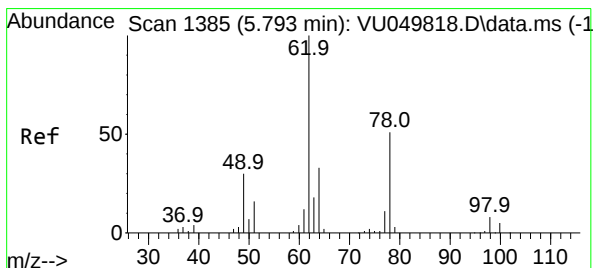
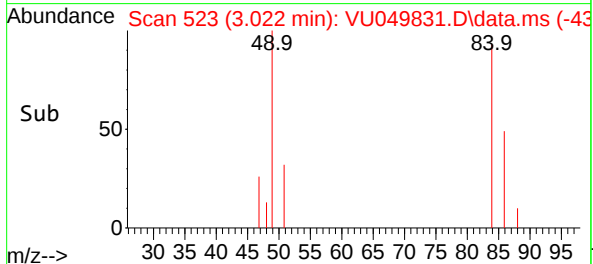
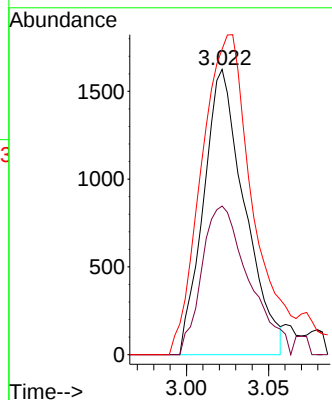


#16
Methylene chloride
Concen: 1.754 ug/L
RT: 3.022 min Scan# 51
Delta R.T. -0.019 min
Lab File: VU049831.D
Acq: 21 Jul 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :

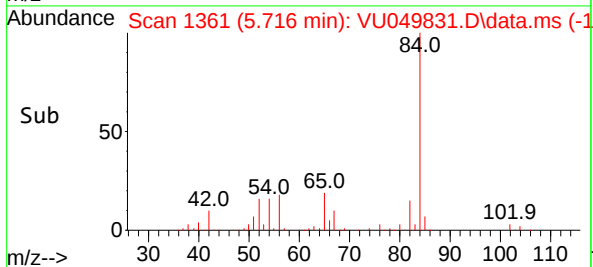
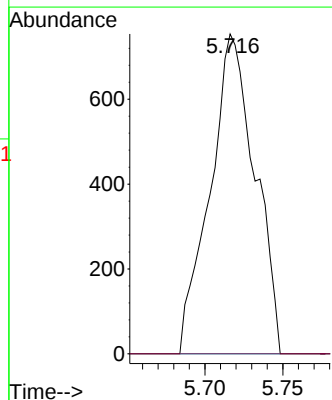
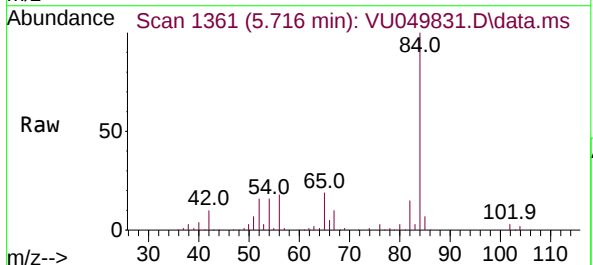


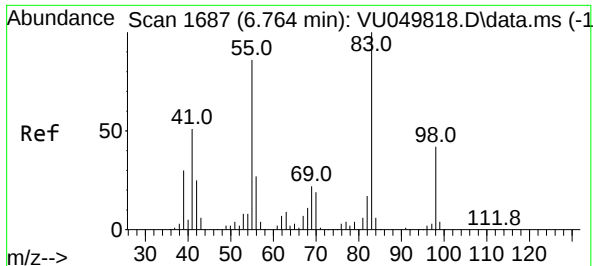
Tgt Ion: 84 Resp: 2831
Ion Ratio Lower Upper
84 100
86 52.1 45.6 84.6
49 107.1 94.4 175.4



#27
1,2-Dichloroethane
Concen: 0.607 ug/L
RT: 5.716 min Scan# 1361
Delta R.T. -0.077 min
Lab File: VU049831.D
Acq: 21 Jul 2022 15:47

Tgt Ion: 62 Resp: 1512
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

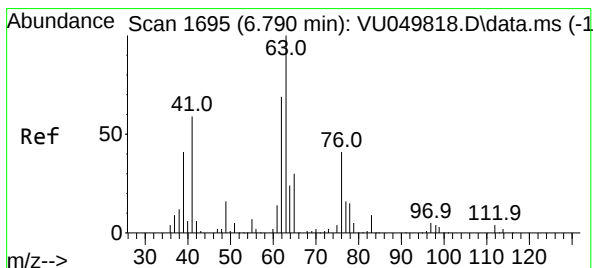
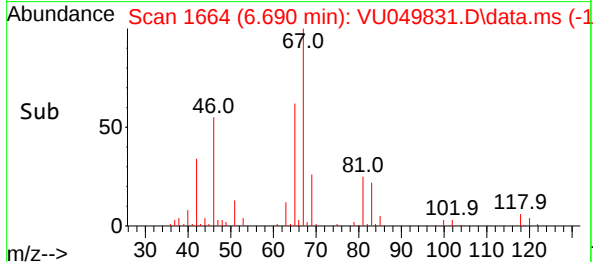
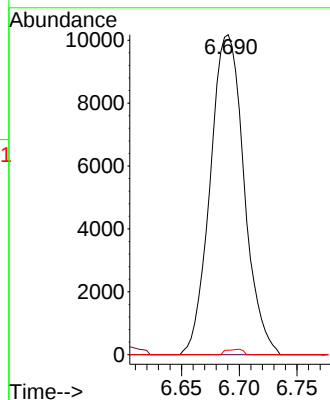
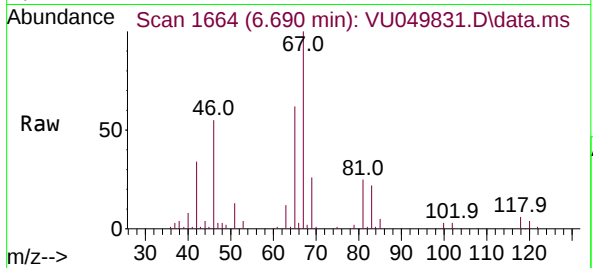




#35
Methylcyclohexane
Concen: 8.252 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU049831.D
Acq: 21 Jul 2022 15:47

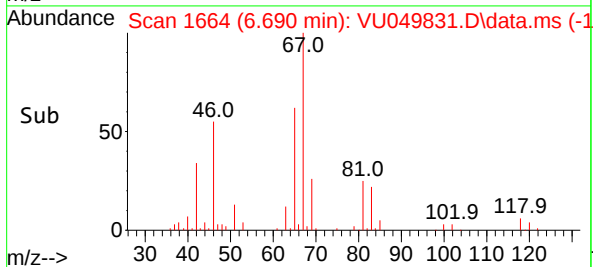
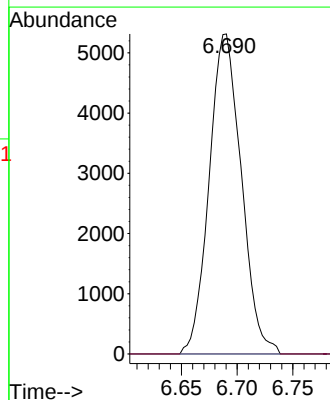
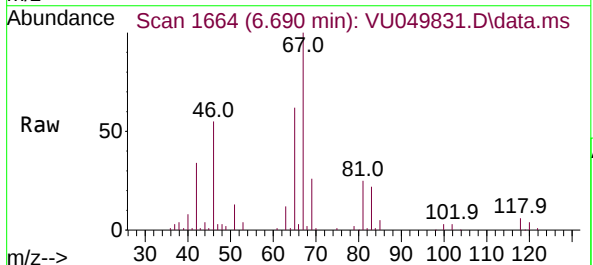
Instrument :
MSVOA_U
ClientSampleId :

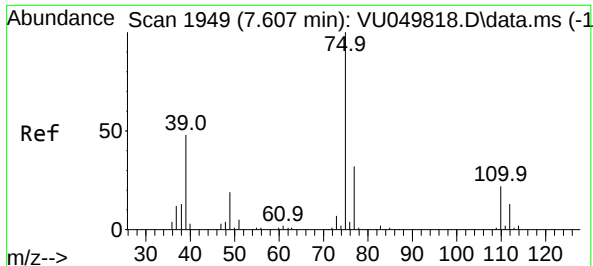
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	0.4	34.6	51.8#



#37
1,2-Dichloropropane
Concen: 5.818 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU049831.D
Acq: 21 Jul 2022 15:47

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





#39

cis-1,3-Dichloropropene

Concen: 1.087 ug/L

RT: 7.562 min Scan# 1949

Delta R.T. -0.045 min

Lab File: VU049831.D

Acq: 21 Jul 2022 15:47

Instrument :

MSVOA_U

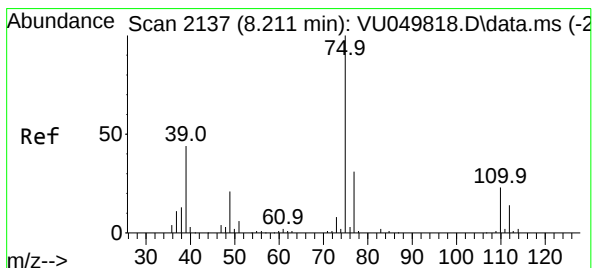
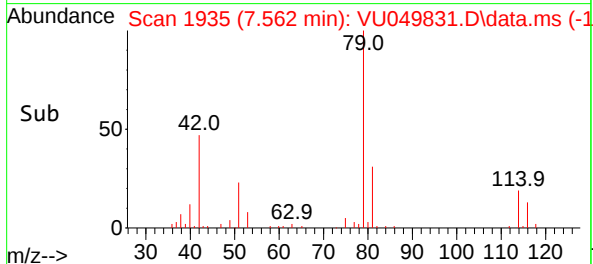
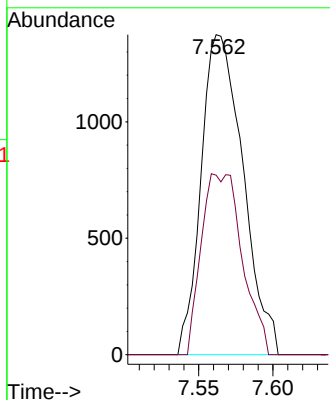
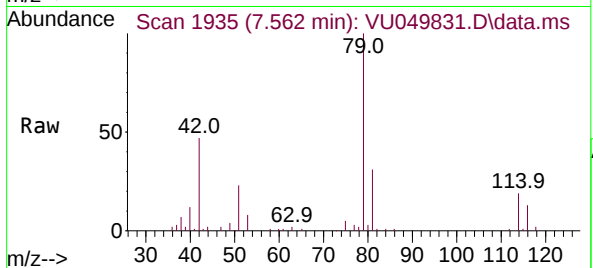
ClientSampleId :

Tgt Ion: 75 Resp: 2692

Ion Ratio Lower Upper

75 100

77 56.1 22.6 42.0#



#44

trans-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 8.185 min Scan# 2129

Delta R.T. -0.026 min

Lab File: VU049831.D

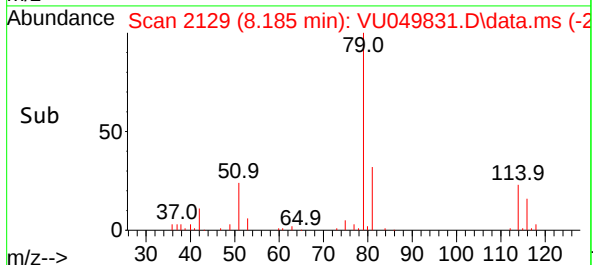
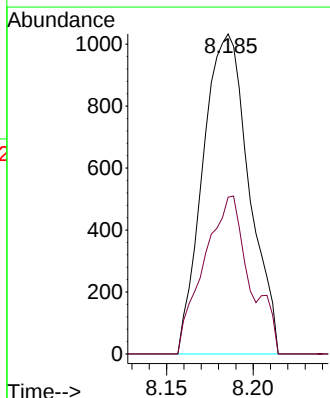
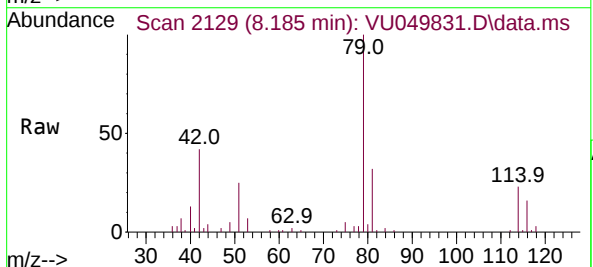
Acq: 21 Jul 2022 15:47

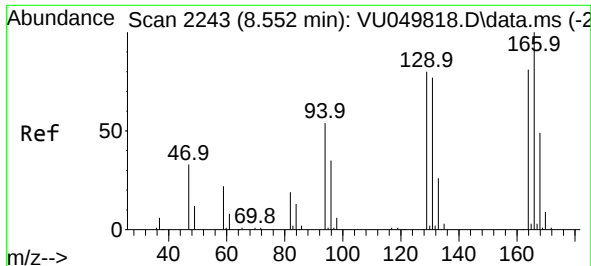
Tgt Ion: 75 Resp: 1914

Ion Ratio Lower Upper

75 100

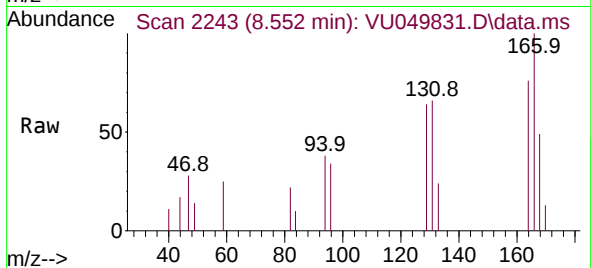
77 49.0 22.5 41.9#





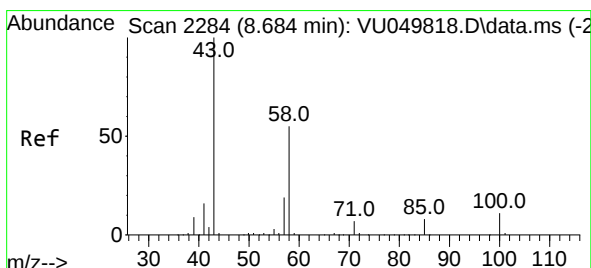
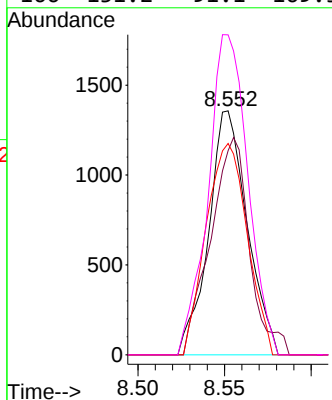
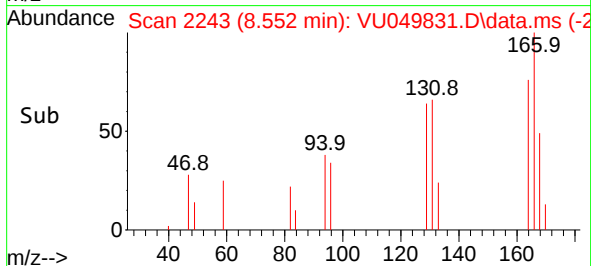
#46
Tetrachloroethene
Concen: 1.888 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049831.D
Acq: 21 Jul 2022 15:47

Instrument :
MSVOA_U
ClientSampleId :

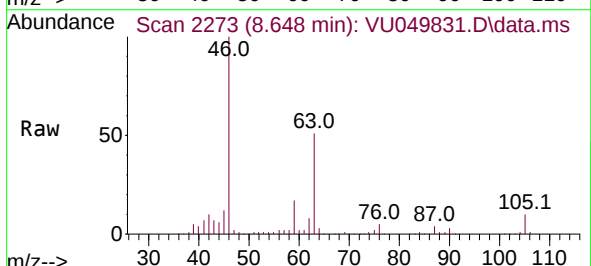


Tgt Ion:164 Resp: 2098

Ion	Ratio	Lower	Upper
164	100		
129	83.7	72.0	133.8
131	86.7	69.0	128.1
166	131.2	91.1	169.3

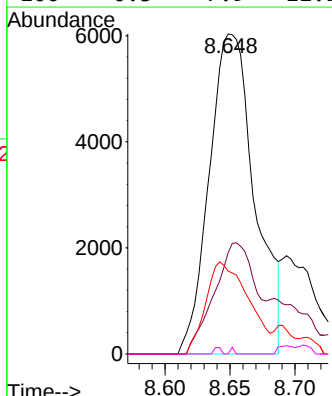
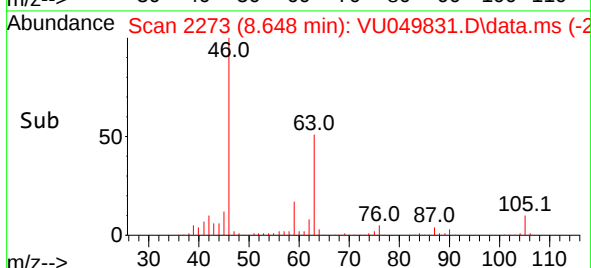


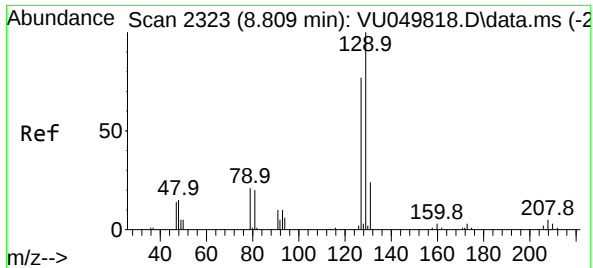
#48
2-Hexanone
Concen: 6.187 ug/L
RT: 8.648 min Scan# 2273
Delta R.T. -0.035 min
Lab File: VU049831.D
Acq: 21 Jul 2022 15:47



Tgt Ion: 43 Resp: 14701

Ion	Ratio	Lower	Upper
43	100		
58	31.5	42.6	64.0#
57	27.0	15.0	22.6#
100	0.3	7.9	11.9#





#49

Dibromochloromethane

Concen: 1.145 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU049831.D

Acq: 21 Jul 2022 15:47

Instrument :

MSVOA_U

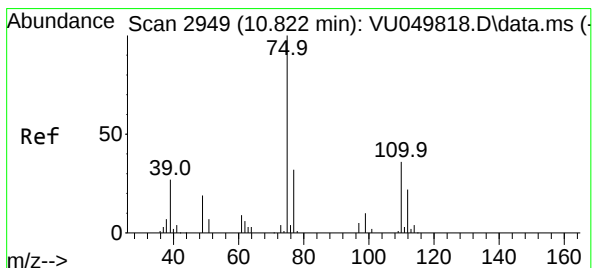
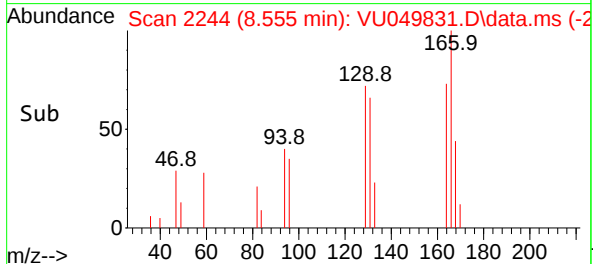
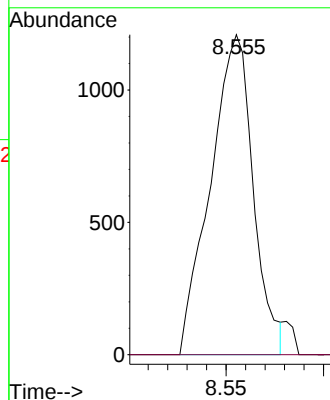
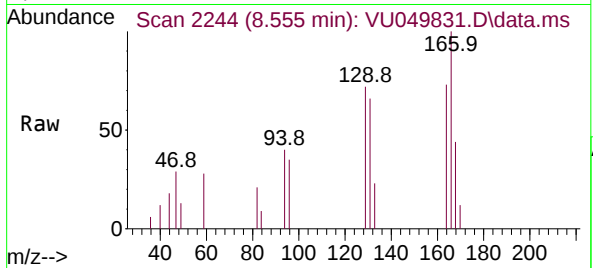
ClientSampleId :

Tgt Ion:129 Resp: 1846

Ion Ratio Lower Upper

129 100

127 0.0 56.9 105.7#



#60

1,2,3-Trichloropropane

Concen: 4.919 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.994 min

Lab File: VU049831.D

Acq: 21 Jul 2022 15:47

Tgt Ion: 75 Resp: 10660

Ion Ratio Lower Upper

75 100

77 38.1 25.5 38.3

110 3.3 28.9 43.3#

