

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082922\
 Data File : VU050511.D
 Acq On : 30 Aug 2022 02:14
 Operator : SY/MD
 Sample : N4344-04ME
 Misc : 5.31g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 05:33:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 30 05:29:53 2022
 Response via : Initial Calibration

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

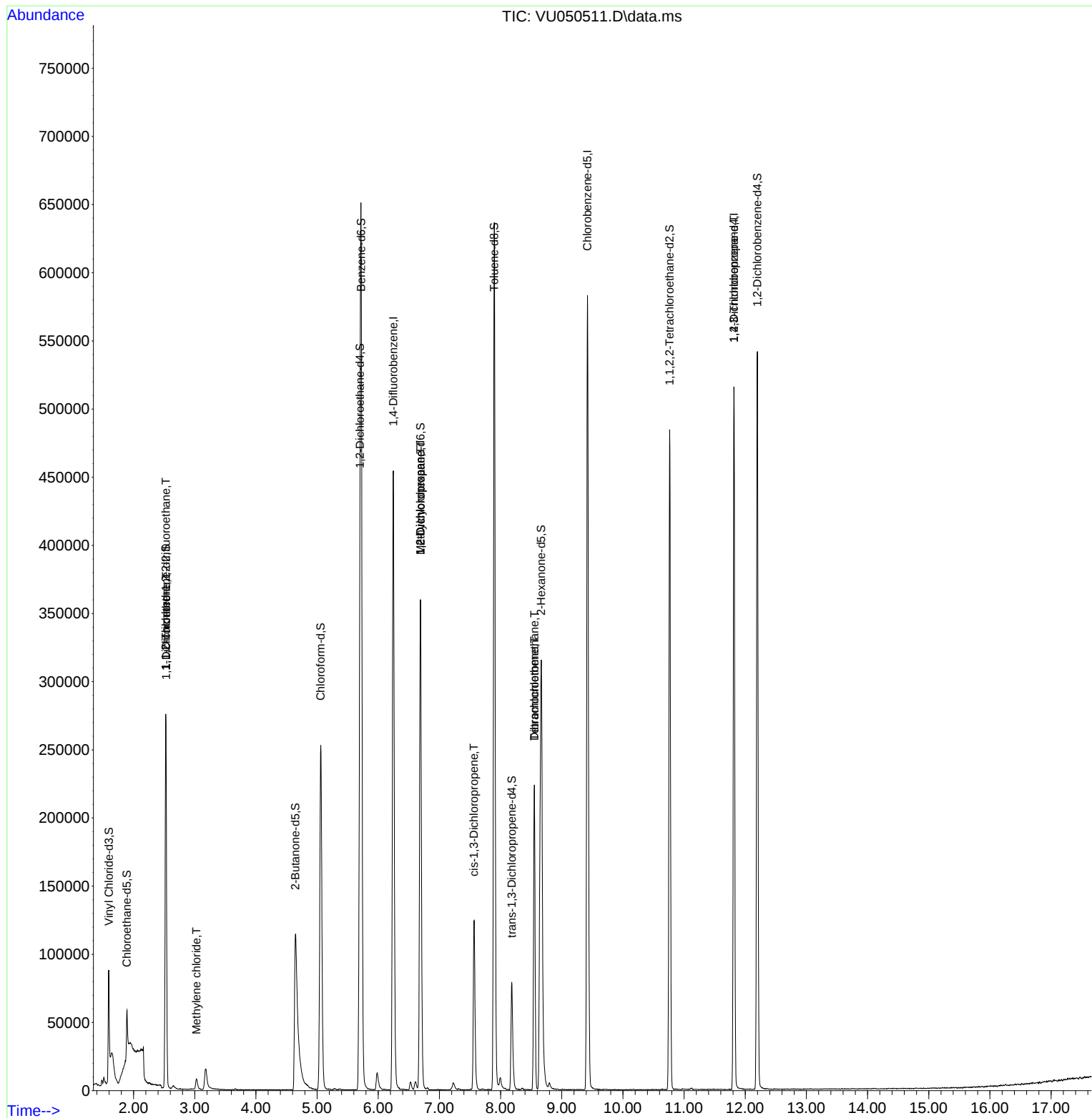
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	399573	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	373652	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	136982	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	75739	16.031	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	32.060%#		
7) Chloroethane-d5	1.890	69	31916	9.129	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	18.260%#		
11) 1,1-Dichloroethene-d2	2.527	63	165017	24.714	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.420%#		
21) 2-Butanone-d5	4.646	46	261279	84.488	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.490%		
24) Chloroform-d	5.060	84	257611	33.966	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.940%#		
26) 1,2-Dichloroethane-d4	5.700	65	183105	38.846	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.700%		
32) Benzene-d6	5.720	84	571715	41.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.820%		
36) 1,2-Dichloropropane-d6	6.691	67	187999	41.104	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.200%		
41) Toluene-d8	7.896	98	458347	37.940	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.880%#		
43) trans-1,3-Dichloroprop...	8.182	79	52864	27.708	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.420%#		
47) 2-Hexanone-d5	8.665	63	153075	90.185	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.190%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	251070	35.590	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	71.180%		
66) 1,2-Dichlorobenzene-d4	12.198	152	145251	44.389	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.780%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.527	101	1486	0.536	ug/L #	21
12) 1,1-Dichloroethene	2.530	96	1300	0.530	ug/L #	1
16) Methylene chloride	3.028	84	4515	1.322	ug/L	95
35) Methylcyclohexane	6.691	83	43238	11.547	ug/L #	19
37) 1,2-Dichloropropane	6.691	63	19973	6.078	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	3218	0.746	ug/L #	53
46) Tetrachloroethene	8.552	164	50874	25.867	ug/L	98
49) Dibromochloromethane	8.552	129	47767	14.261	ug/L #	9
60) 1,2,3-Trichloropropane	11.816	75	17039	4.827	ug/L #	68

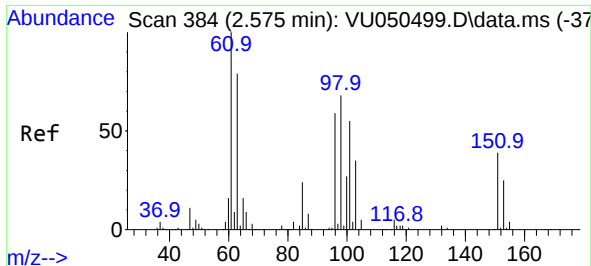
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Aug 30 05:29:53 2022
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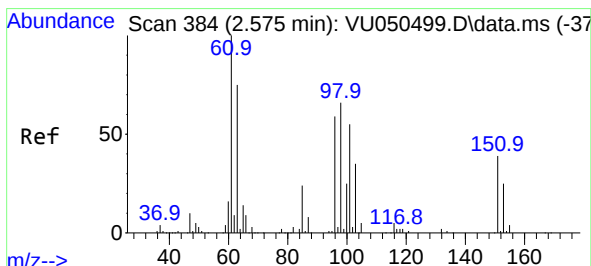
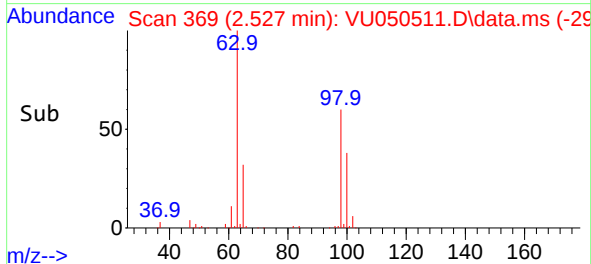
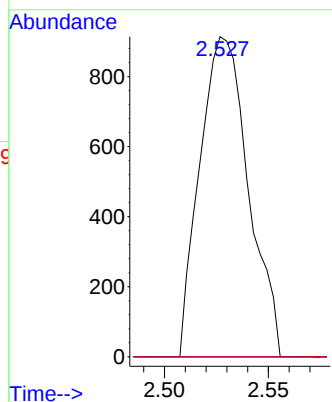
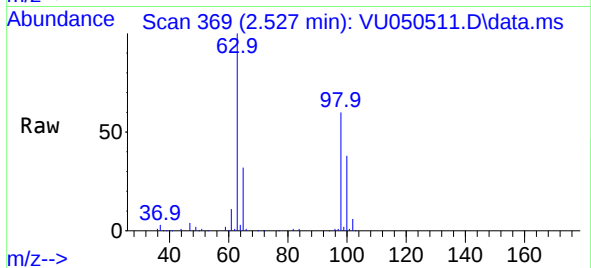




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.536 ug/L
RT: 2.527 min Scan# 30
Delta R.T. -0.048 min
Lab File: VU050511.D
Acq: 30 Aug 2022 02:14

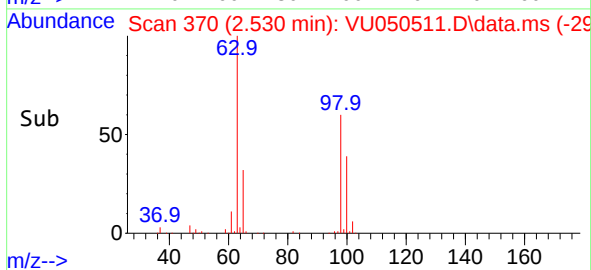
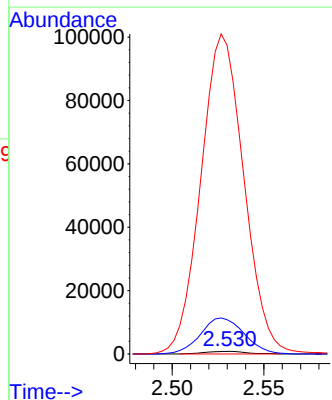
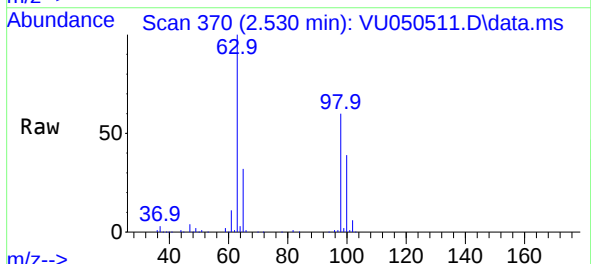
Instrument :
MSVOA_U
ClientSampleId :

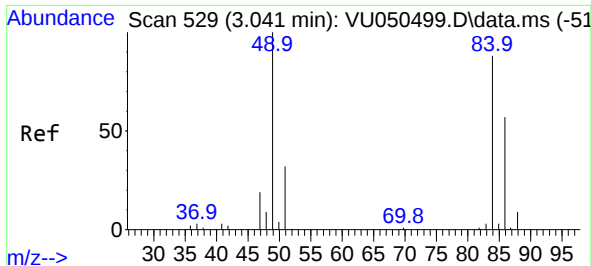
Tgt Ion:101 Resp: 1486
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.530 ug/L
RT: 2.530 min Scan# 370
Delta R.T. -0.045 min
Lab File: VU050511.D
Acq: 30 Aug 2022 02:14

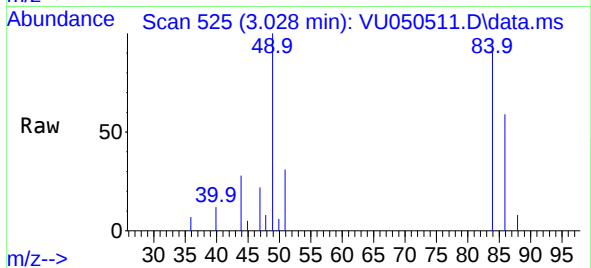
Tgt Ion: 96 Resp: 1300
Ion Ratio Lower Upper
96 100
61 1300.5 116.8 216.8#
63 11721.8 97.4 180.8#



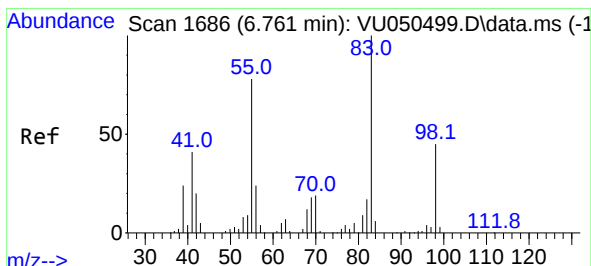
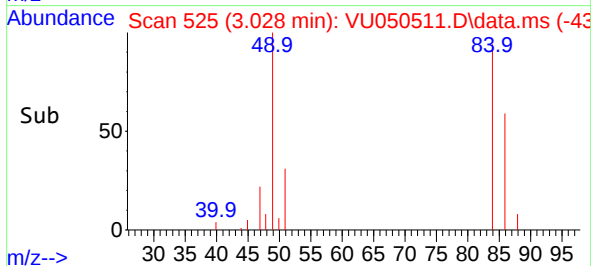
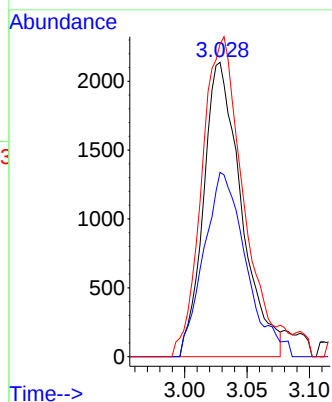


#16
Methylene chloride
Concen: 1.322 ug/L
RT: 3.028 min Scan# 51
Delta R.T. -0.013 min
Lab File: VU050511.D
Acq: 30 Aug 2022 02:14

Instrument :
MSVOA_U
ClientSampleId :

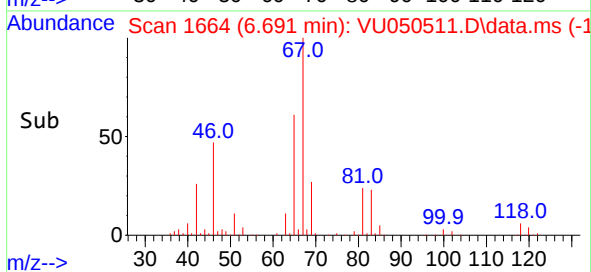
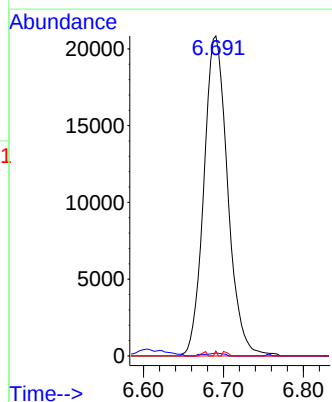
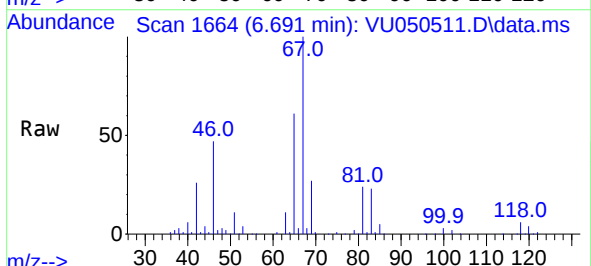


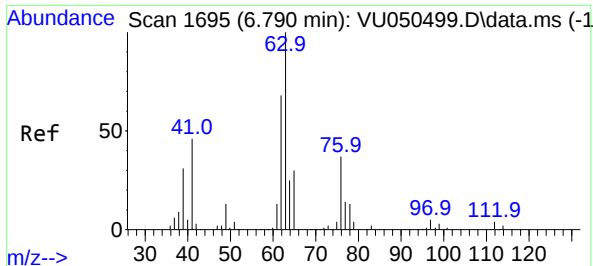
Tgt Ion: 84 Resp: 4515
Ion Ratio Lower Upper
84 100
86 62.6 43.9 81.5
49 106.2 80.4 149.4



#35
Methylcyclohexane
Concen: 11.547 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.070 min
Lab File: VU050511.D
Acq: 30 Aug 2022 02:14

Tgt Ion: 83 Resp: 43238
Ion Ratio Lower Upper
83 100
55 0.5 61.9 92.9#
98 0.3 35.8 53.8#

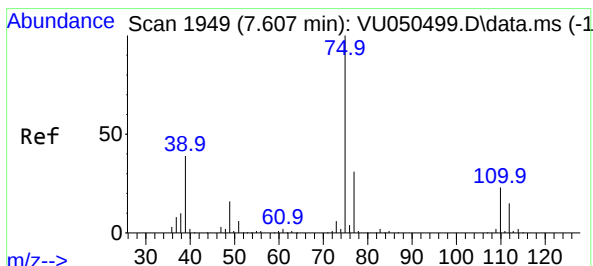
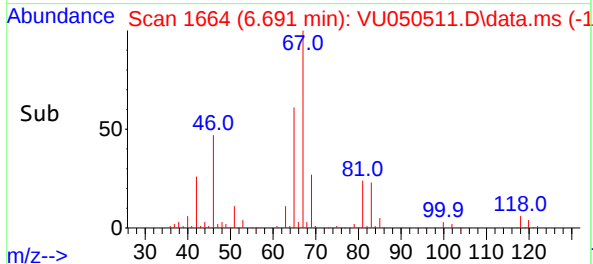
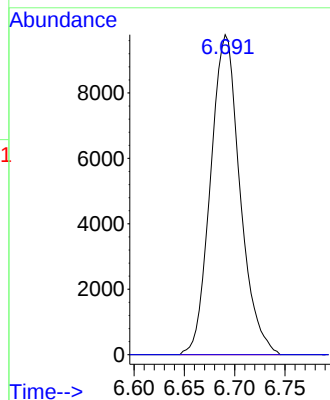
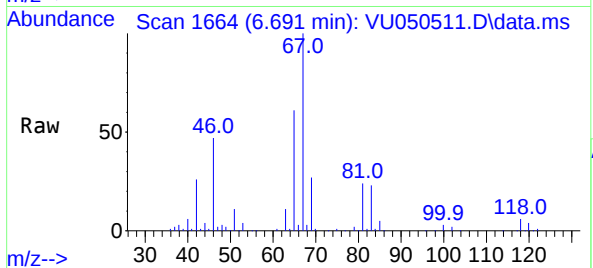




#37
1,2-Dichloropropane
Concen: 6.078 ug/L
RT: 6.691 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU050511.D
Acq: 30 Aug 2022 02:14

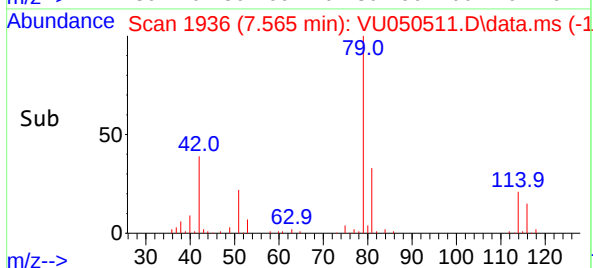
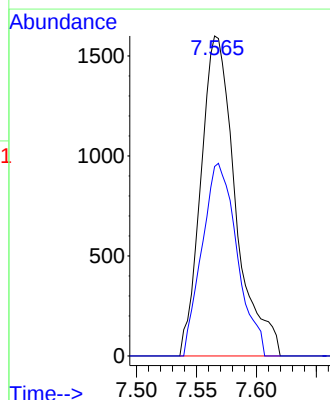
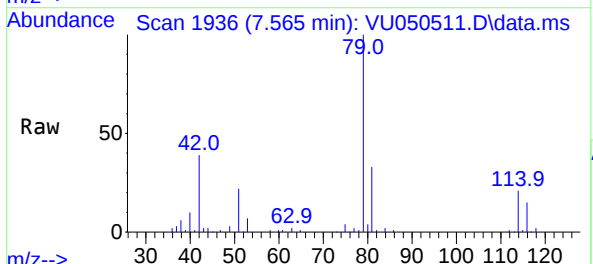
Instrument :
MSVOA_U
ClientSampleId :

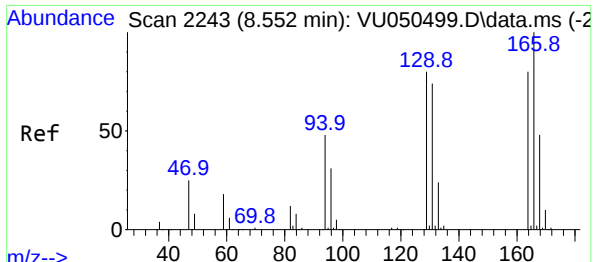
Tgt Ion: 63 Resp: 19973
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#39
cis-1,3-Dichloropropene
Concen: 0.746 ug/L
RT: 7.565 min Scan# 1936
Delta R.T. -0.042 min
Lab File: VU050511.D
Acq: 30 Aug 2022 02:14

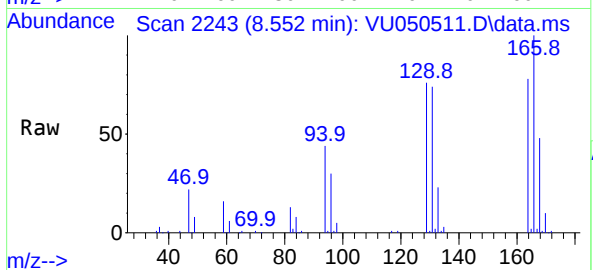
Tgt Ion: 75 Resp: 3218
Ion Ratio Lower Upper
75 100
77 59.2 22.8 42.4#



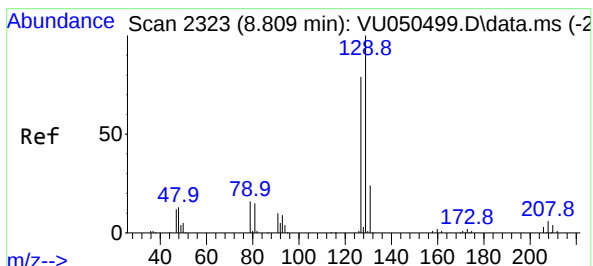
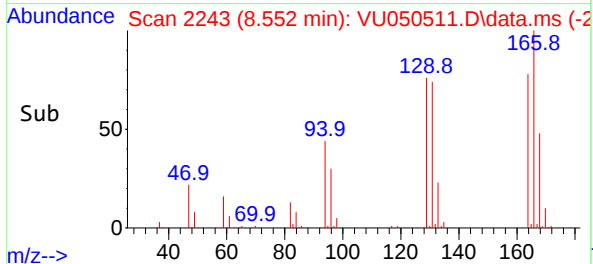
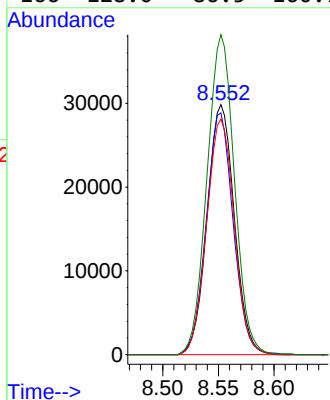


#46
Tetrachloroethene
Concen: 25.867 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050511.D
Acq: 30 Aug 2022 02:14

Instrument :
MSVOA_U
ClientSampleId :

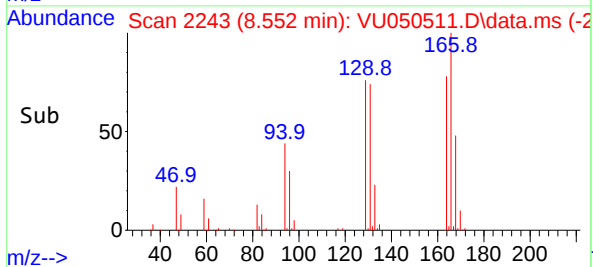
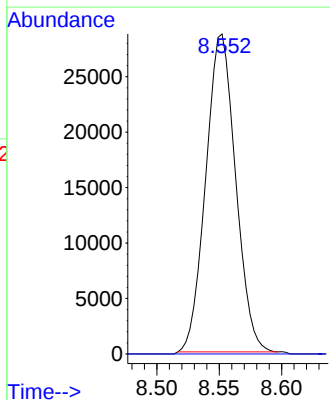
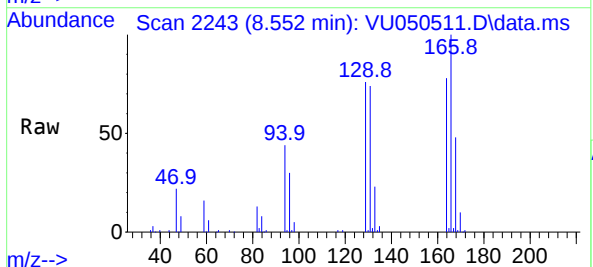


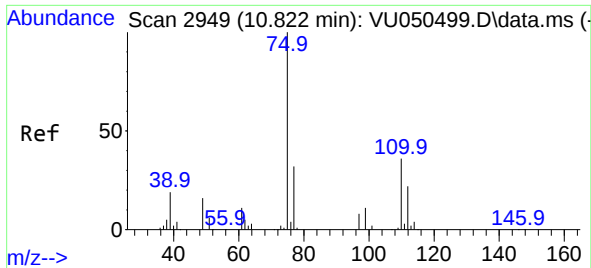
Tgt Ion:164 Resp: 50874
Ion Ratio Lower Upper
164 100
129 96.7 68.0 126.4
131 94.2 65.4 121.4
166 128.0 86.5 160.7



#49
Dibromochloromethane
Concen: 14.261 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.257 min
Lab File: VU050511.D
Acq: 30 Aug 2022 02:14

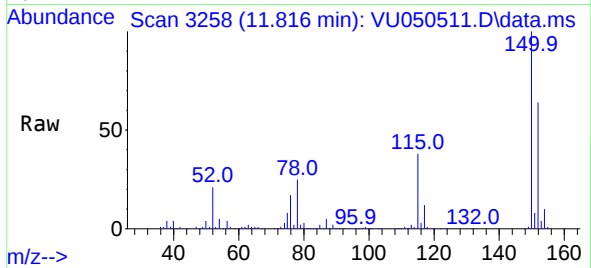
Tgt Ion:129 Resp: 47767
Ion Ratio Lower Upper
129 100
127 0.0 55.9 103.7#





#60
 1,2,3-Trichloropropane
 Concen: 4.827 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU050511.D
 Acq: 30 Aug 2022 02:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	17039
Ion	Ratio	Lower Upper
75	100	
77	30.7	25.7 38.5
110	1.8	29.0 43.4#

