

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053500.D
 Acq On : 31 Mar 2023 18:34
 Operator : JC/MD
 Sample : 02121-14ME
 Misc : 4.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 05:08:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

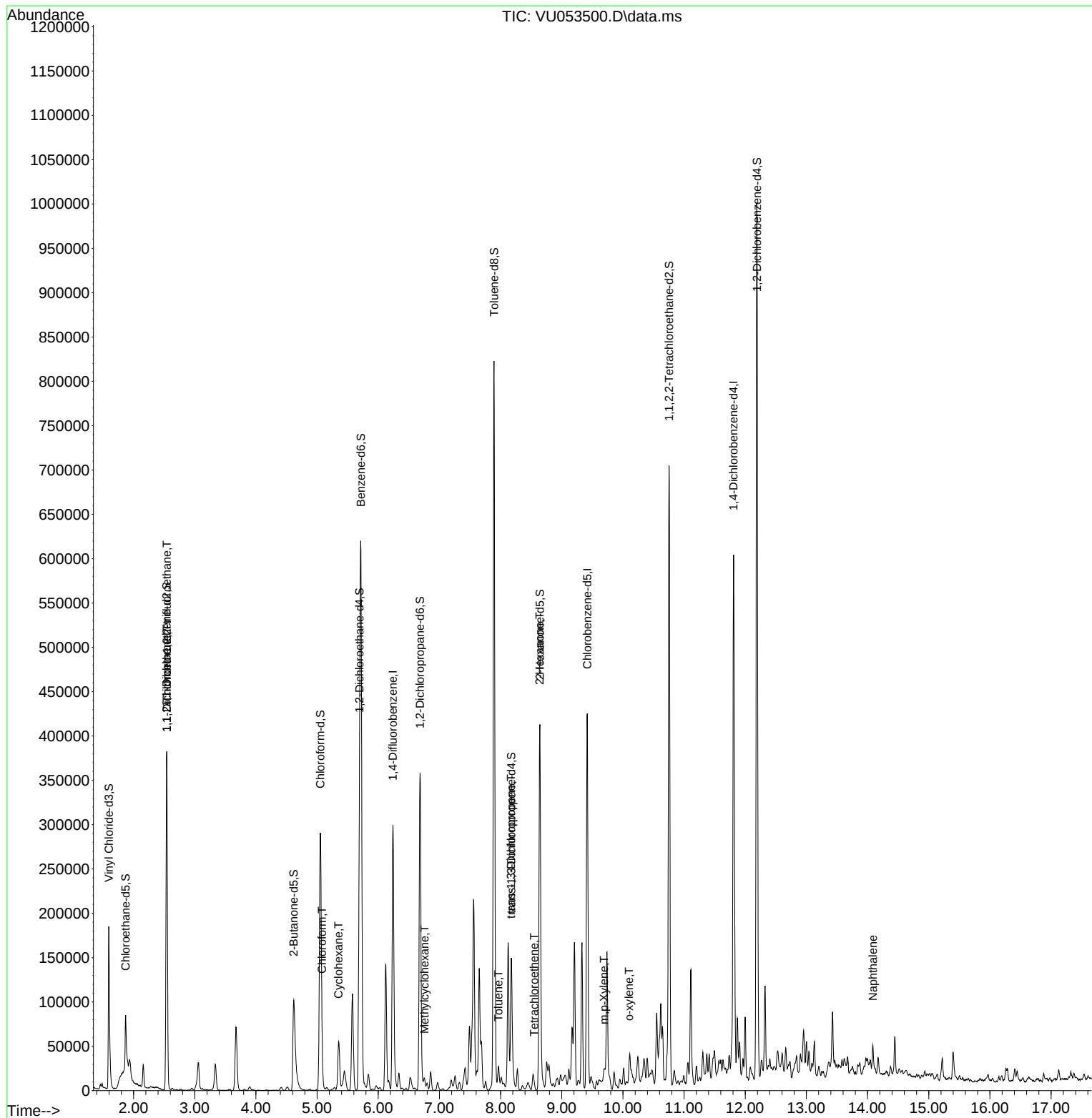
Internal Standards						
1) 1,4-Difluorobenzene	6.240	114	274064	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	268143	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	161836	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	158658	74.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	148.700%#
7) Chloroethane-d5	1.870	69	46183	28.068	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	56.140%#
11) 1,1-Dichloroethene-d2	2.542	63	207612	62.848	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	125.700%#
21) 2-Butanone-d5	4.616	46	180040	186.339	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	186.340%#
24) Chloroform-d	5.054	84	268683	76.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	152.260%#
26) 1,2-Dichloroethane-d4	5.693	65	177259	84.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	170.000%#
32) Benzene-d6	5.716	84	579750	80.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	160.200%#
36) 1,2-Dichloropropane-d6	6.684	67	177078	80.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	160.080%#
41) Toluene-d8	7.893	98	583018	81.044	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	162.080%#
43) trans-1,3-Dichloroprop...	8.176	79	90871	79.574	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	159.140%#
47) 2-Hexanone-d5	8.642	63	158263	209.612	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	209.610%#
56) 1,1,2,2-Tetrachloroeth...	10.754	84	284857	91.355	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	182.720%#
66) 1,2-Dichlorobenzene-d4	12.192	152	282522	83.633	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	167.260%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.546	101	2136	1.132	ug/L #	22
12) 1,1-Dichloroethene	2.546	96	1900	1.130	ug/L #	1
25) Chloroform	5.079	83	11808	3.677	ug/L	89
29) Cyclohexane	5.349	56	11391	4.413	ug/L #	43
35) Methylcyclohexane	6.758	83	6347	2.043	ug/L	94
42) Toluene	7.967	91	16067	2.029	ug/L	88
44) trans-1,3-Dichloropropene	8.172	75	4344	1.585	ug/L	100
46) Tetrachloroethene	8.549	164	1431	0.816	ug/L	94
48) 2-Hexanone	8.639	43	22737	14.581	ug/L #	56
53) m,p-Xylene	9.693	106	6301	1.828	ug/L	82
54) o-xylene	10.098	106	3421	1.004	ug/L	99
71) Naphthalene	14.085	128	20091	1.955	ug/L	97

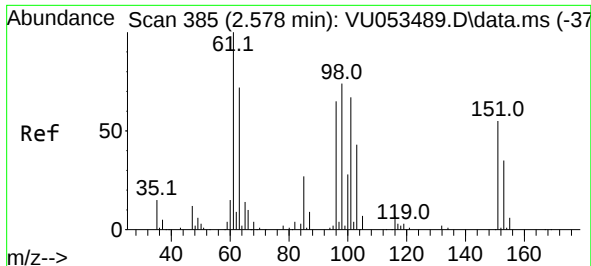
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
Data File : VU053500.D
Acq On : 31 Mar 2023 18:34
Operator : JC/MD
Sample : 02121-14ME
Misc : 4.73g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

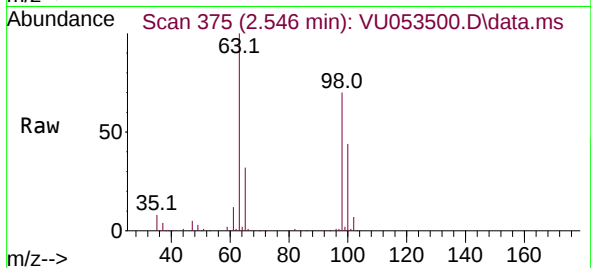
Quant Time: Apr 01 05:08:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 01 04:51:17 2023
Response via : Initial Calibration



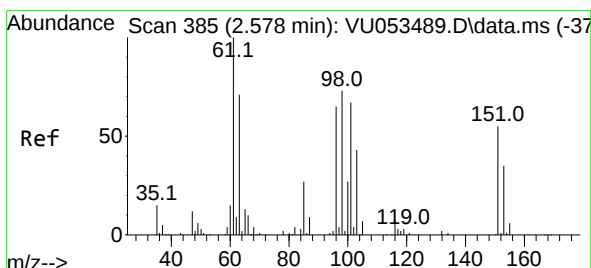
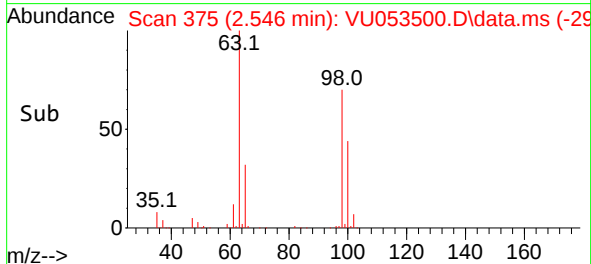
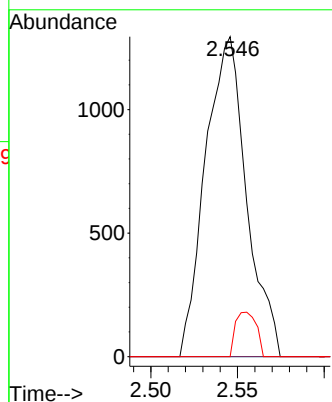


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.132 ug/L
 RT: 2.546 min Scan# 375
 Delta R.T. -0.032 min
 Lab File: VU053500.D
 Acq: 31 Mar 2023 18:34

Instrument :
 MSVOA_W
 ClientSampleId :

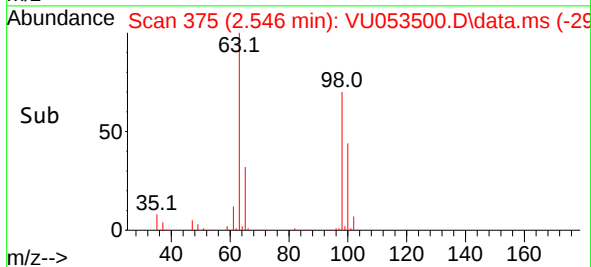
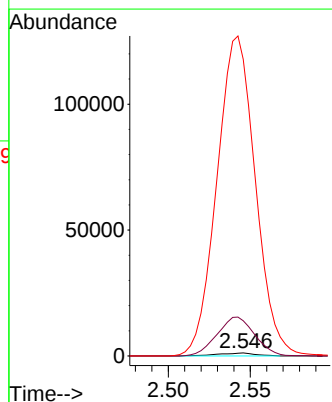
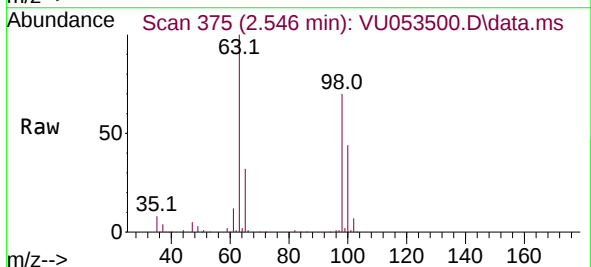


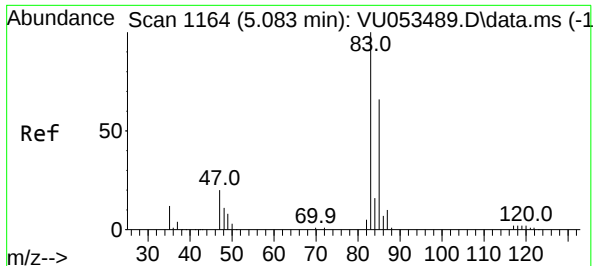
Tgt Ion:101 Resp: 2136
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.6 48.8#
 151 7.0 65.8 98.6#



#12
 1,1-Dichloroethene
 Concen: 1.130 ug/L
 RT: 2.546 min Scan# 375
 Delta R.T. -0.032 min
 Lab File: VU053500.D
 Acq: 31 Mar 2023 18:34

Tgt Ion: 96 Resp: 1900
 Ion Ratio Lower Upper
 96 100
 61 1186.1 107.9 200.5#
 63 9987.8 79.1 146.9#





#25

Chloroform

Concen: 3.677 ug/L

RT: 5.079 min Scan# 1163

Delta R.T. -0.003 min

Lab File: VU053500.D

Acq: 31 Mar 2023 18:34

Instrument :

MSVOA_W

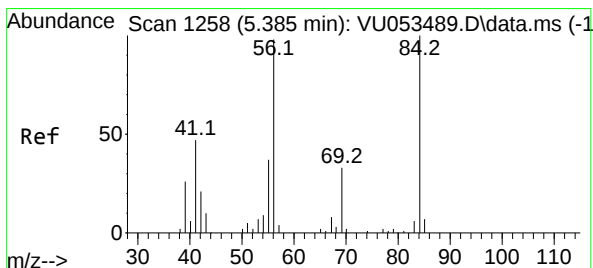
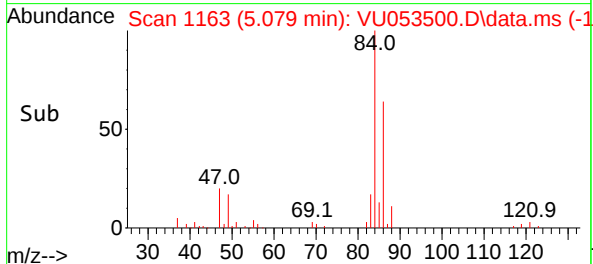
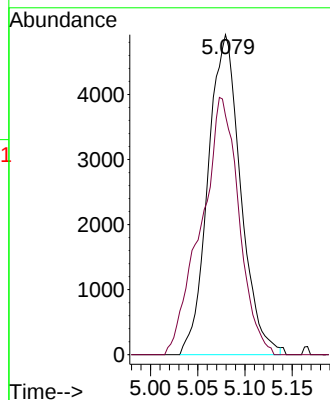
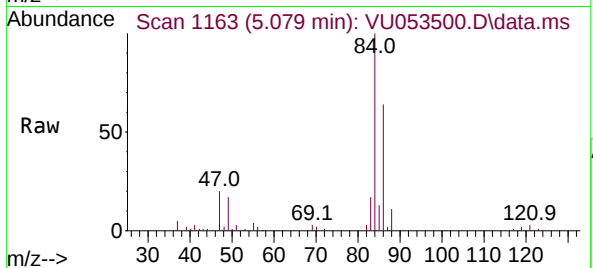
ClientSampleId :

Tgt Ion: 83 Resp: 11808

Ion Ratio Lower Upper

83 100

85 74.7 46.1 85.5



#29

Cyclohexane

Concen: 4.413 ug/L

RT: 5.349 min Scan# 1247

Delta R.T. -0.035 min

Lab File: VU053500.D

Acq: 31 Mar 2023 18:34

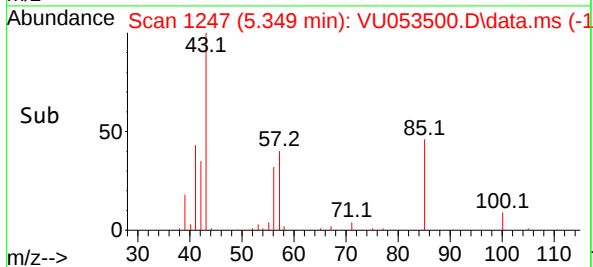
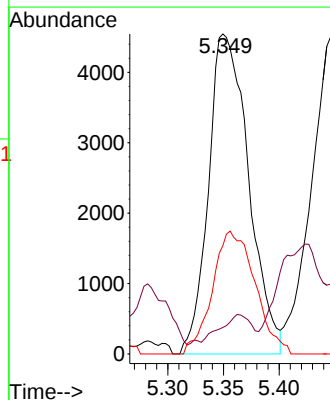
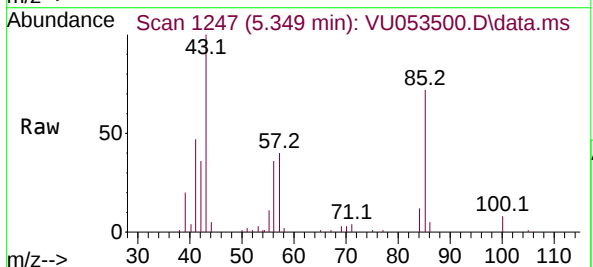
Tgt Ion: 56 Resp: 11391

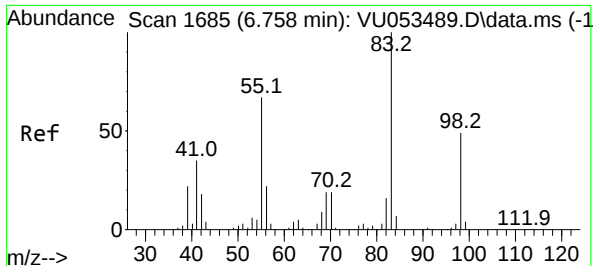
Ion Ratio Lower Upper

56 100

69 6.4 27.3 40.9#

84 40.8 81.3 121.9#

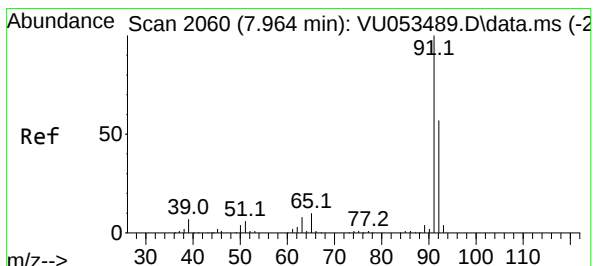
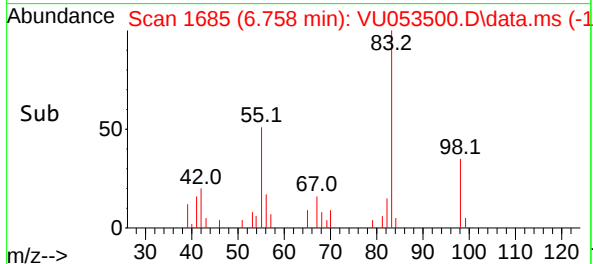
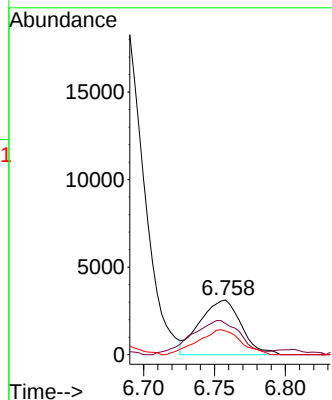
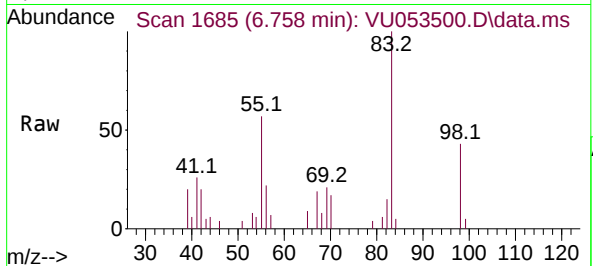




#35
Methylcyclohexane
Concen: 2.043 ug/L
RT: 6.758 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

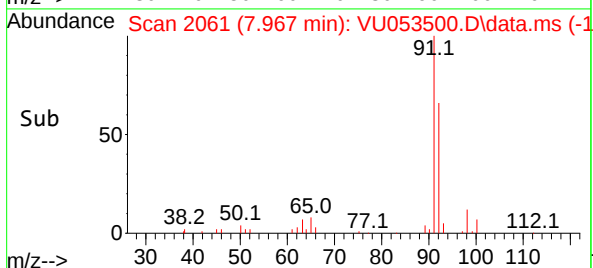
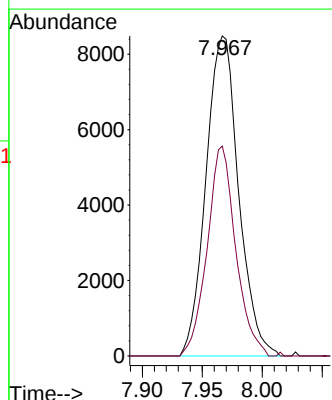
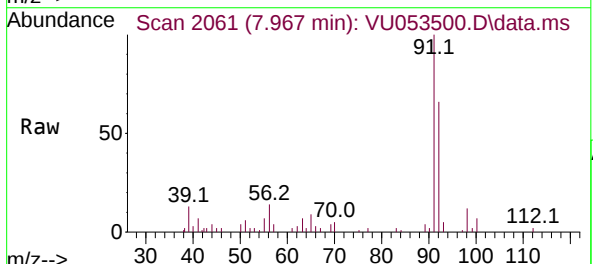
Instrument :
MSVOA_W
ClientSampleId :

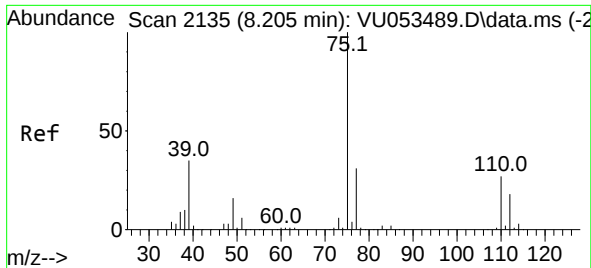
Tgt Ion: 83 Resp: 6347
Ion Ratio Lower Upper
83 100
55 73.5 53.0 79.6
98 47.0 39.0 58.6



#42
Toluene
Concen: 2.029 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

Tgt Ion: 91 Resp: 16067
Ion Ratio Lower Upper
91 100
92 65.6 39.8 73.8

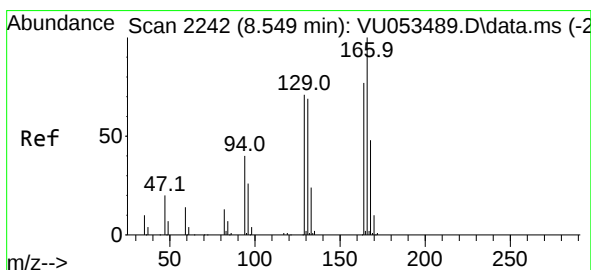
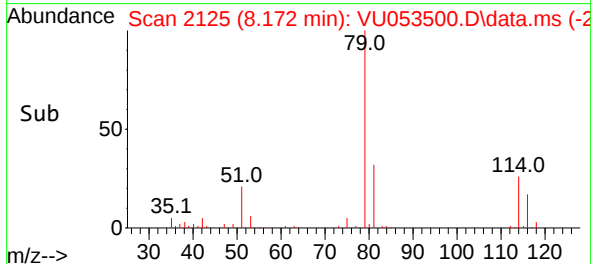
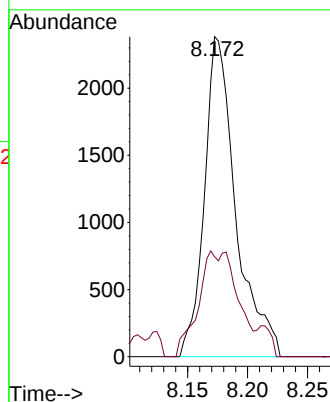
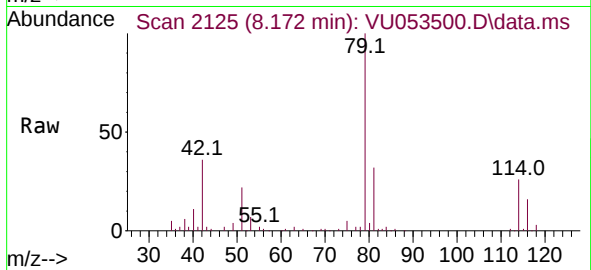




#44
trans-1,3-Dichloropropene
Concen: 1.585 ug/L
RT: 8.172 min Scan# 2135
Delta R.T. -0.032 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

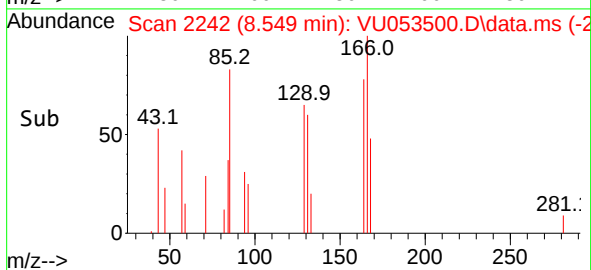
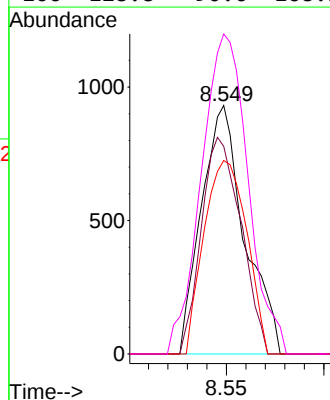
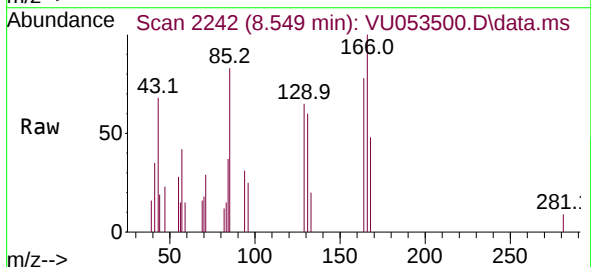
Instrument :
MSVOA_W
ClientSampleId :

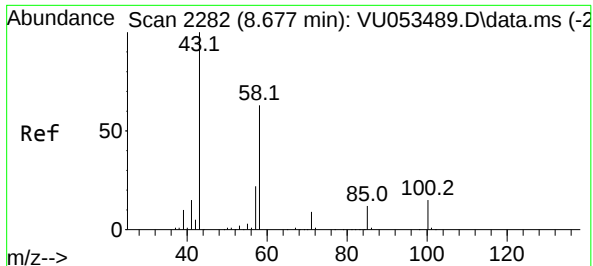
Tgt Ion: 75 Resp: 4344
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4



#46
Tetrachloroethene
Concen: 0.816 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

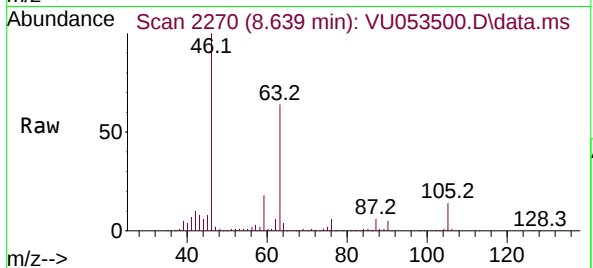
Tgt Ion:164 Resp: 1431
Ion Ratio Lower Upper
164 100
129 83.6 64.0 119.0
131 77.9 61.9 115.1
166 128.8 90.6 168.2



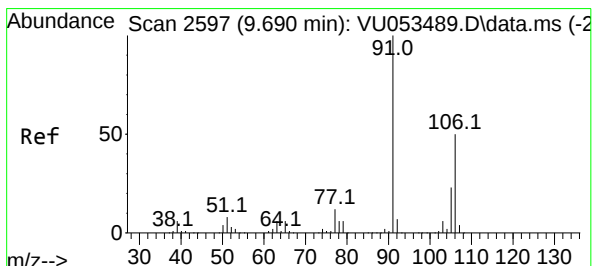
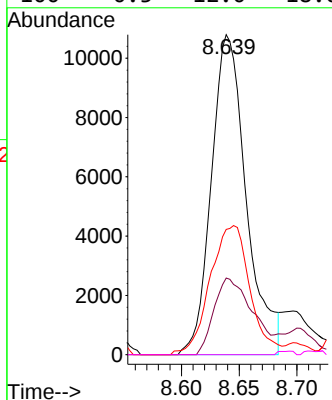
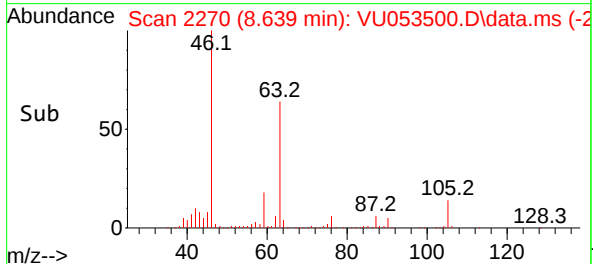


#48
2-Hexanone
Concen: 14.581 ug/L
RT: 8.639 min Scan# 21
Delta R.T. -0.039 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

Instrument :
MSVOA_W
ClientSampleId :

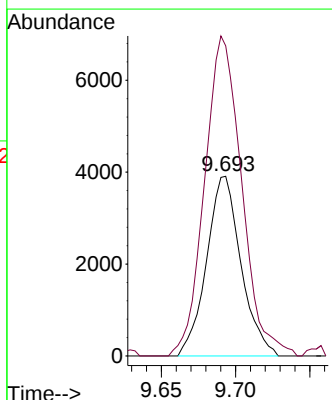
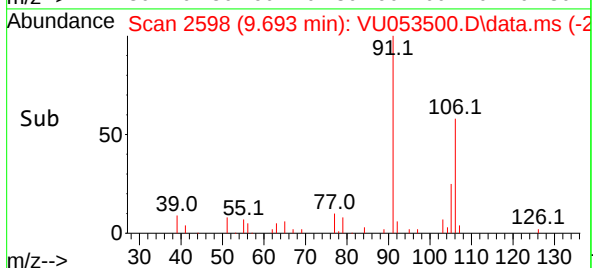
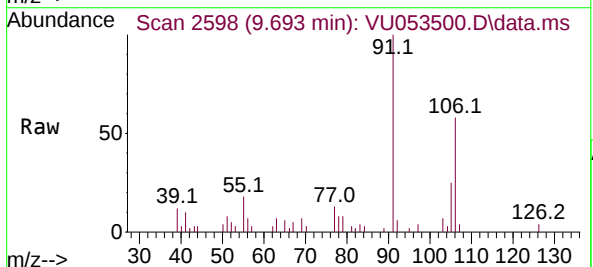


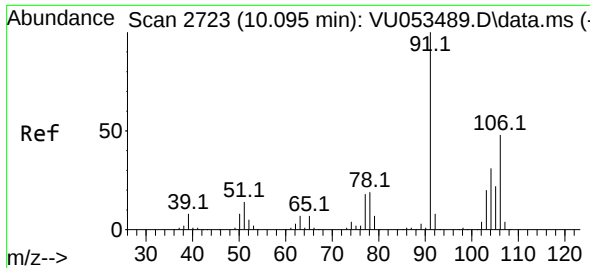
Tgt Ion: 43	Resp: 22737
Ion Ratio	Lower Upper
43 100	
58 26.0	49.8 74.6#
57 42.6	17.8 26.6#
100 0.3	12.0 18.0#



#53
m,p-Xylene
Concen: 1.828 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

Tgt Ion:106	Resp:	6301	
Ion	Ratio	Lower	Upper
106	100		
91	172.5	140.0	260.0

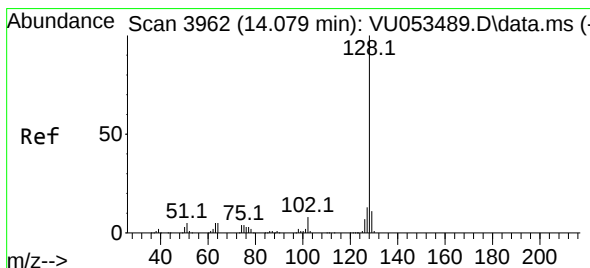
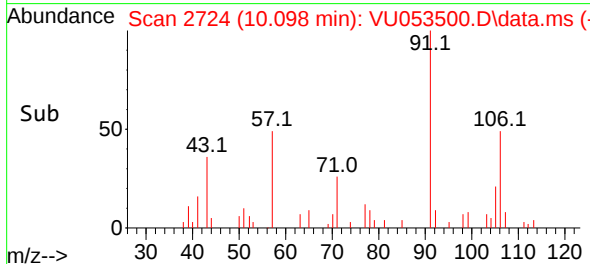
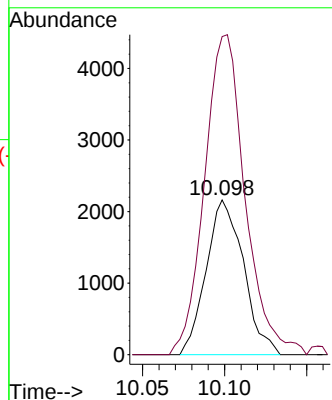
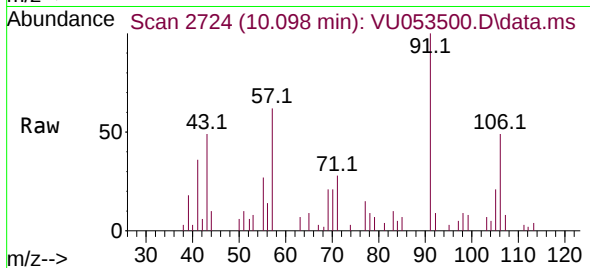




#54
o-xylene
Concen: 1.004 ug/L
RT: 10.098 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 3421
Ion Ratio Lower Upper
106 100
91 205.5 144.9 269.1



#71
Naphthalene
Concen: 1.955 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.006 min
Lab File: VU053500.D
Acq: 31 Mar 2023 18:34

Tgt Ion:128 Resp: 20091
Ion Ratio Lower Upper
128 100
127 14.8 10.2 15.2
129 10.8 8.6 12.8

