

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051841.D
 Acq On : 14 Nov 2022 17:58
 Operator : JC/MD
 Sample : N5592-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 03:05:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 03:00:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178414	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	186726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	70737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	58915	4.384	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.909	69	59377	4.237	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.565	65	24634	5.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	4.617	46	176906	36.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.700%
24) Chloroform-d	5.060	84	141090	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	71617	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.726	84	263952	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.687	67	92421	4.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.896	98	199770	4.311	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.179	79	21775	3.456	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.629	63	126808	33.436	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.880%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81635	4.323	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	77208	5.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	3505	0.180	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	681	0.045	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	2002	0.129	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	1194	0.065	ug/L	90
25) Chloroform	5.086	83	43843	1.376	ug/L	99
33) Benzene	5.777	78	4673	0.063	ug/L	100
34) Trichloroethene	6.543	95	35800	2.013	ug/L	96
35) Methylcyclohexane	6.691	83	19929	0.811	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	9420	0.497	ug/L #	88
47) Tetrachloroethene	8.552	164	29919	2.197	ug/L	91
49) Dibromochloromethane	8.552	129	30521	1.924	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	11237	1.228	ug/L #	60
62) 1,3,5-Trimethylbenzene	11.642	105	13472	0.969	ug/L #	33
63) 1,2,4-Trimethylbenzene	11.642	105	13472	0.336	ug/L #	36
64) 1,3-Dichlorobenzene	11.835	146	9300	0.362	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	9300	0.361	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	4146	0.166	ug/L #	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
Data File : VU051841.D
Acq On : 14 Nov 2022 17:58
Operator : JC/MD
Sample : N5592-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 03:05:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 03:00:15 2022
Response via : Initial Calibration

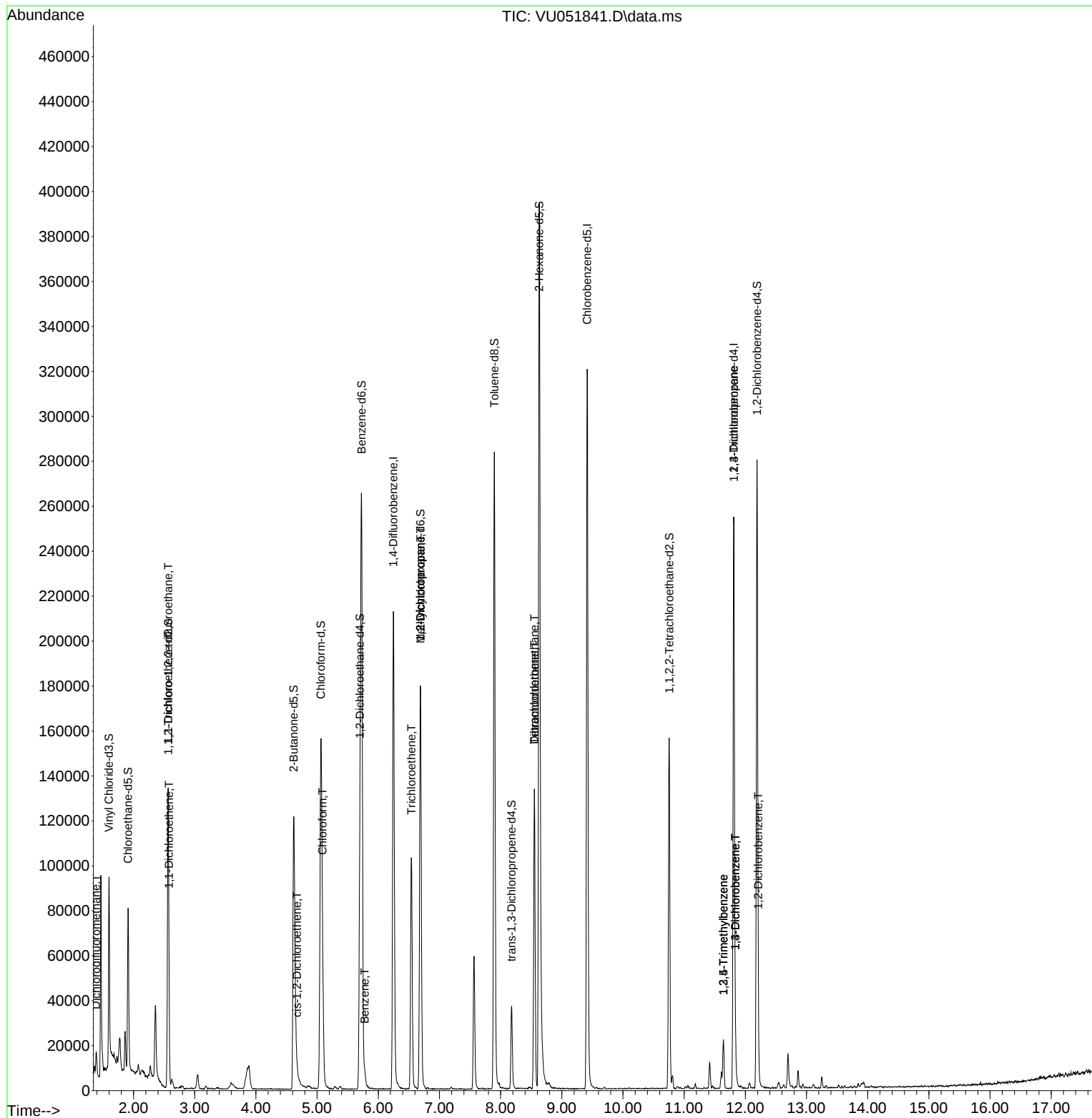
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

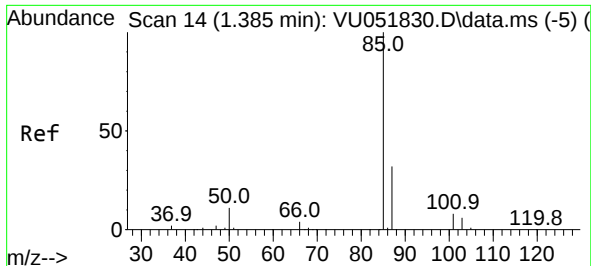
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
Data File : VU051841.D
Acq On : 14 Nov 2022 17:58
Operator : JC/MD
Sample : N5592-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 03:05:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 03:00:15 2022
Response via : Initial Calibration

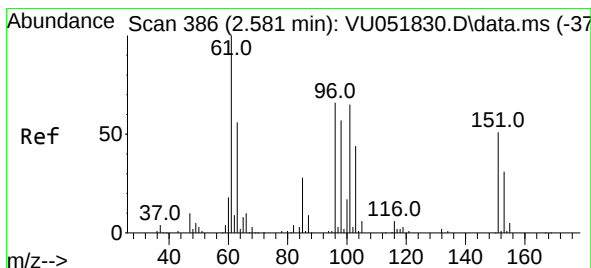
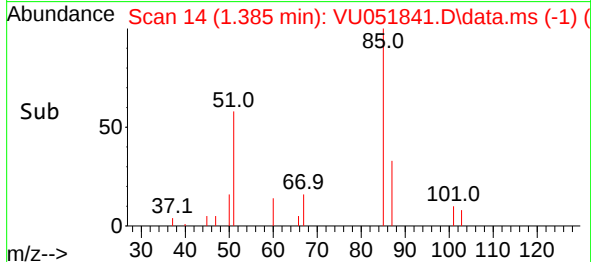
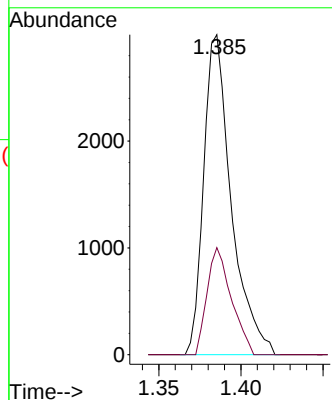
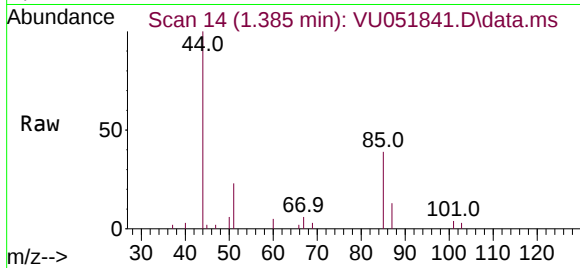




#2
Dichlorodifluoromethane
Concen: 0.180 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051841.D
Acq: 14 Nov 2022 17:58

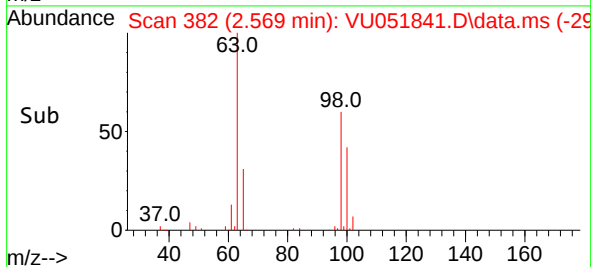
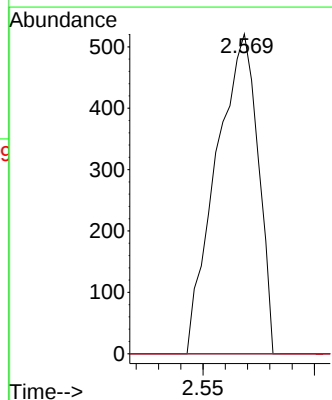
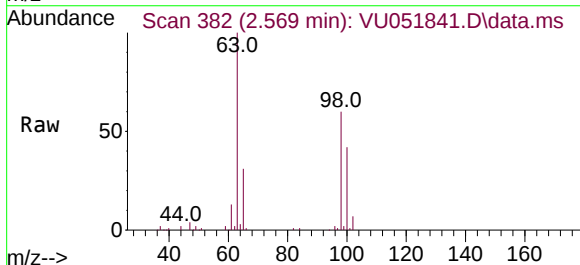
Instrument :
MSVOA_U
ClientSampleId :

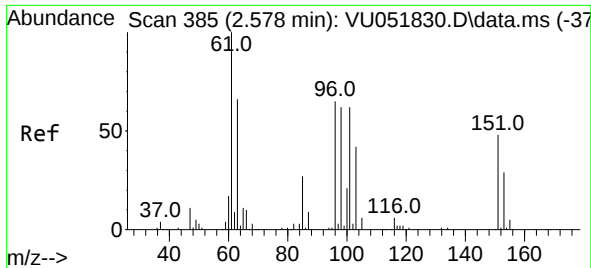
Tgt Ion: 85 Resp: 3505
Ion Ratio Lower Upper
85 100
87 29.3 25.7 38.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.569 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU051841.D
Acq: 14 Nov 2022 17:58

Tgt Ion:101 Resp: 681
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 59.6 89.4#





#12

1,1-Dichloroethene

Concen: 0.129 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU051841.D

Acq: 14 Nov 2022 17:58

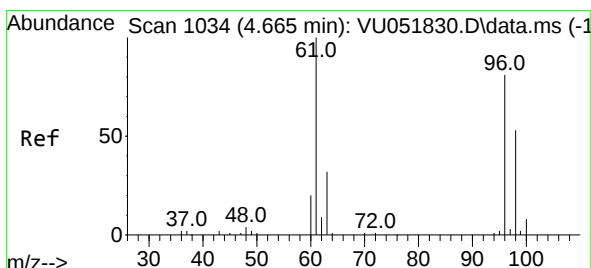
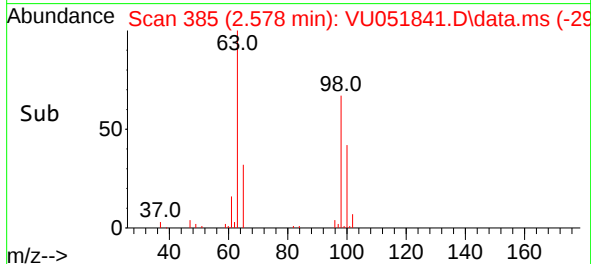
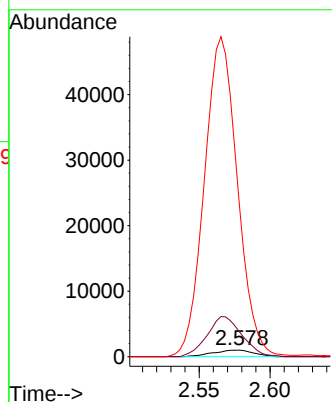
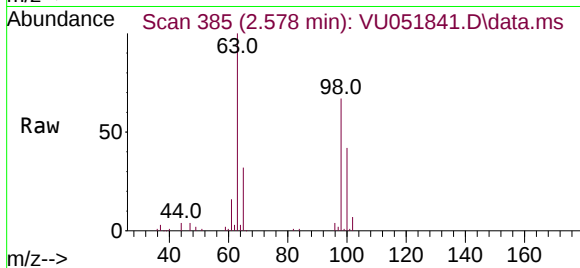
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2002

Ion	Ratio	Lower	Upper
96	100		
61	384.7	108.8	202.0#
63	2355.7	64.9	120.5#



#22

cis-1,2-Dichloroethene

Concen: 0.065 ug/L

RT: 4.671 min Scan# 1036

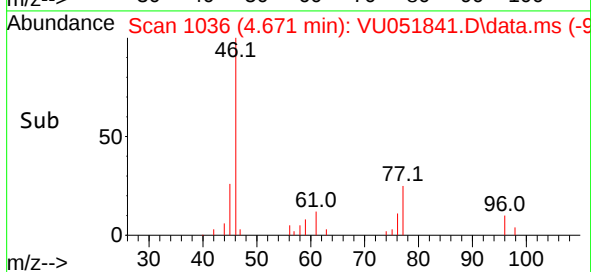
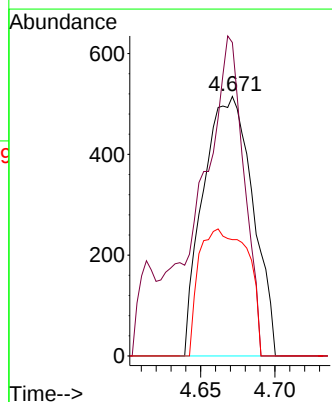
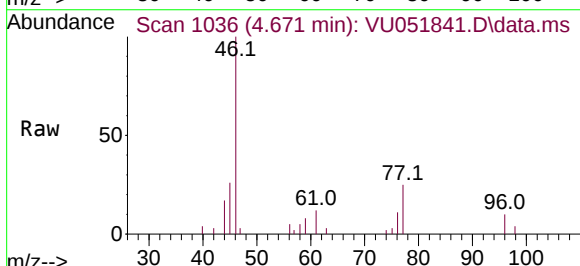
Delta R.T. 0.007 min

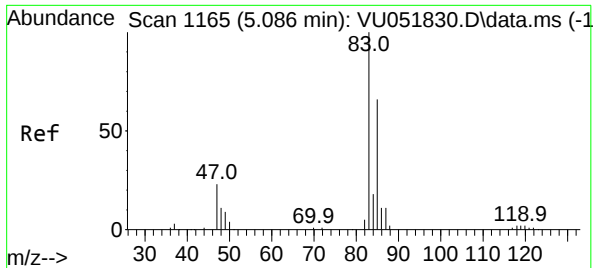
Lab File: VU051841.D

Acq: 14 Nov 2022 17:58

Tgt Ion: 96 Resp: 1194

Ion	Ratio	Lower	Upper
96	100		
61	120.8	86.4	160.4
98	44.9	44.2	82.2





#25

Chloroform

Concen: 1.376 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051841.D

Acq: 14 Nov 2022 17:58

Instrument :

MSVOA_U

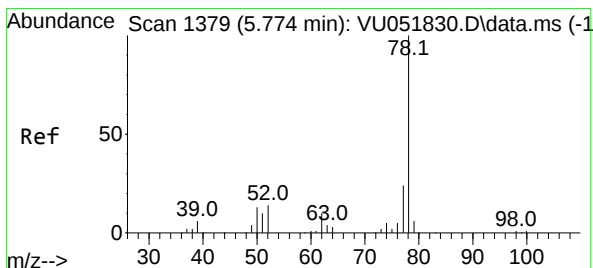
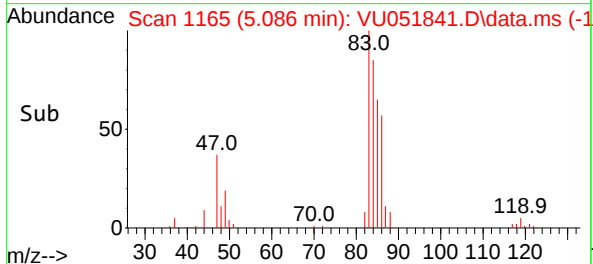
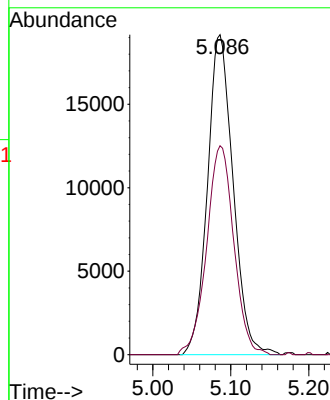
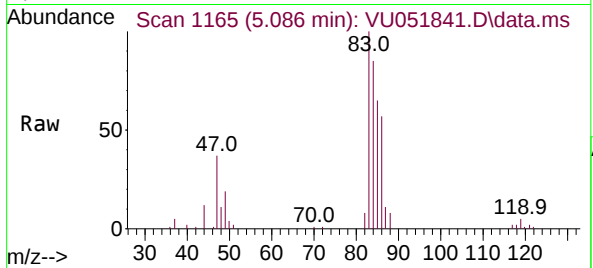
ClientSampleId :

Tgt Ion: 83 Resp: 43843

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0



#33

Benzene

Concen: 0.063 ug/L

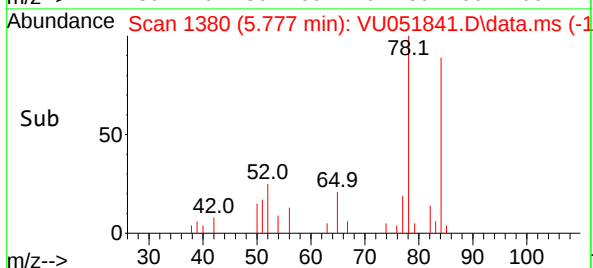
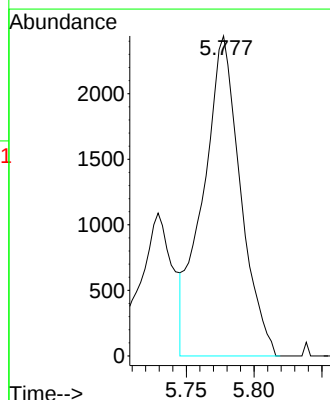
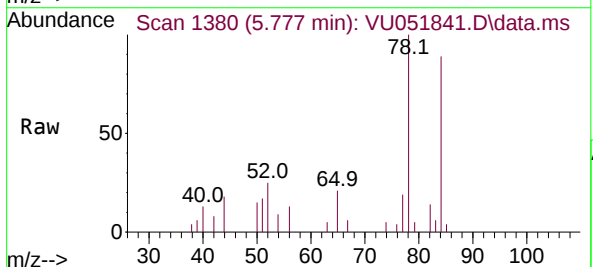
RT: 5.777 min Scan# 1380

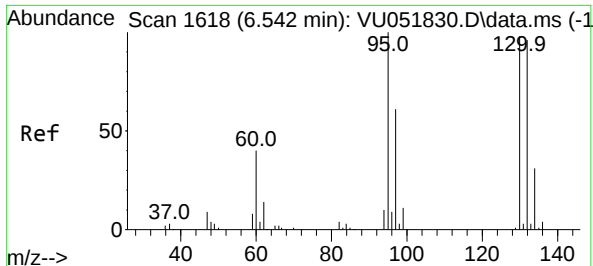
Delta R.T. 0.003 min

Lab File: VU051841.D

Acq: 14 Nov 2022 17:58

Tgt Ion: 78 Resp: 4673

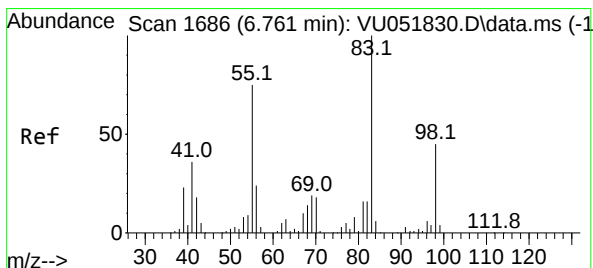
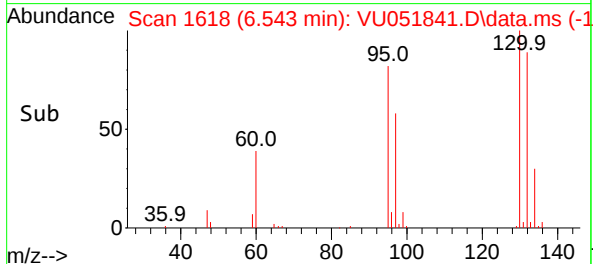
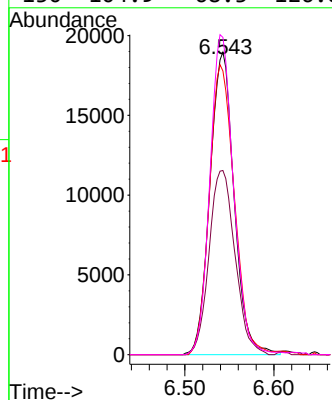
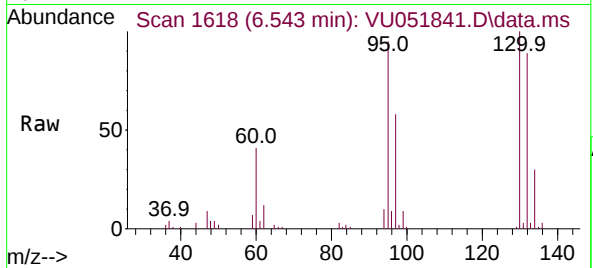




#34
Trichloroethene
Concen: 2.013 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051841.D
Acq: 14 Nov 2022 17:58

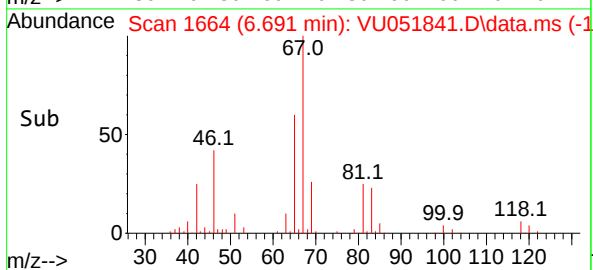
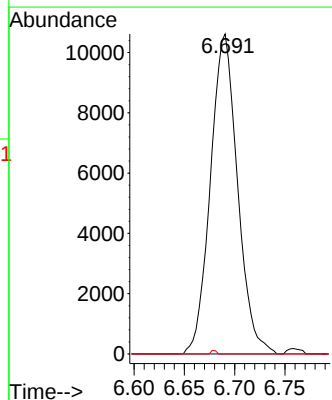
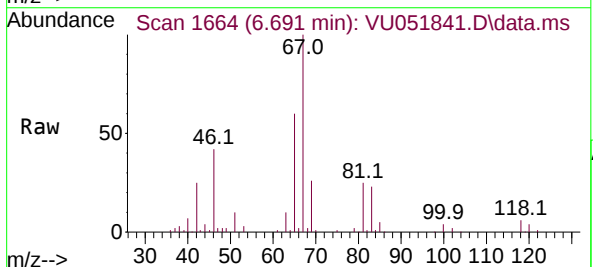
Instrument :
MSVOA_U
ClientSampleId :

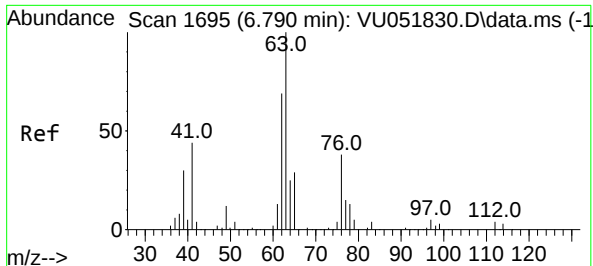
Tgt Ion: 95 Resp: 35800
Ion Ratio Lower Upper
95 100
97 60.9 45.2 84.0
132 93.8 66.5 123.5
130 104.9 68.3 126.8



#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU051841.D
Acq: 14 Nov 2022 17:58

Tgt Ion: 83 Resp: 19929
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 0.2 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.497 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051841.D

Acq: 14 Nov 2022 17:58

Instrument :

MSVOA_U

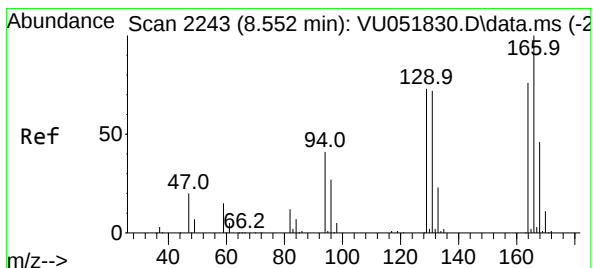
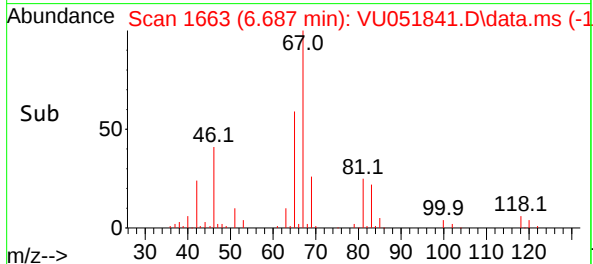
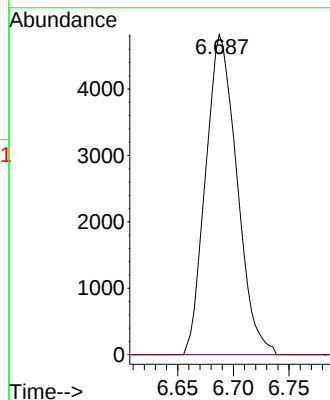
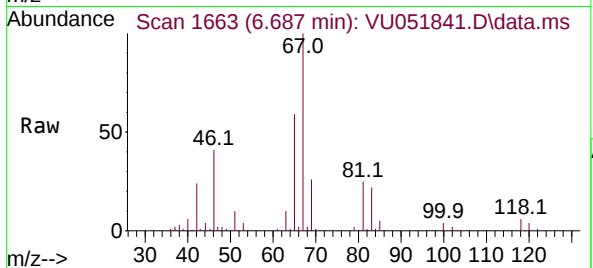
ClientSampleId :

Tgt Ion: 63 Resp: 9420

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#47

Tetrachloroethene

Concen: 2.197 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU051841.D

Acq: 14 Nov 2022 17:58

Tgt Ion: 164 Resp: 29919

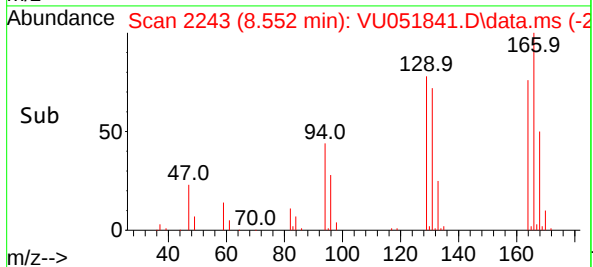
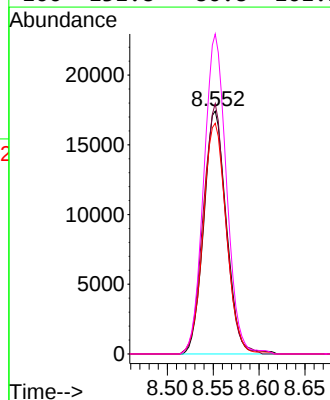
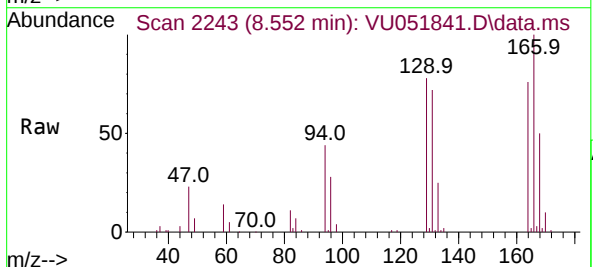
Ion Ratio Lower Upper

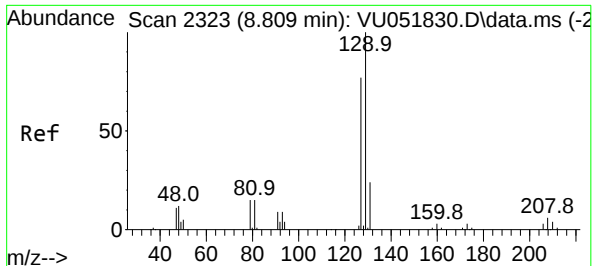
164 100

129 103.1 64.0 118.8

131 95.0 60.7 112.7

166 131.8 86.8 161.2

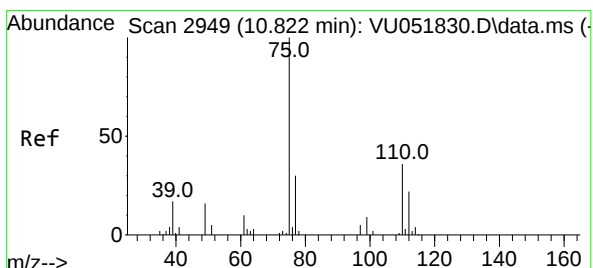
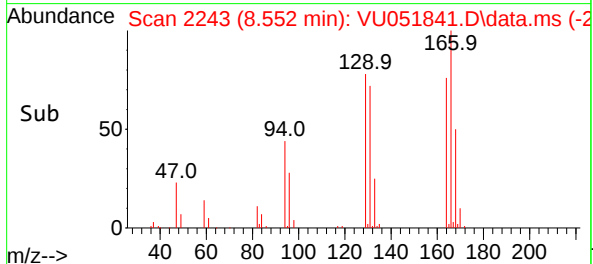
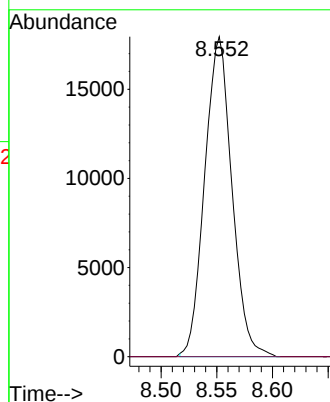
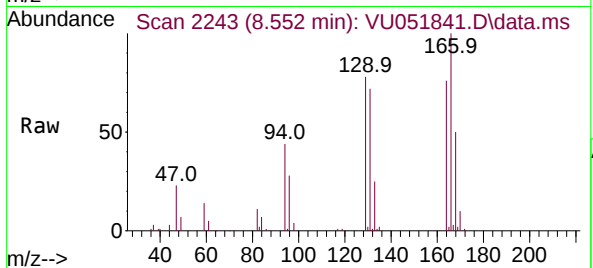




#49
Dibromochloromethane
Concen: 1.924 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU051841.D
Acq: 14 Nov 2022 17:58

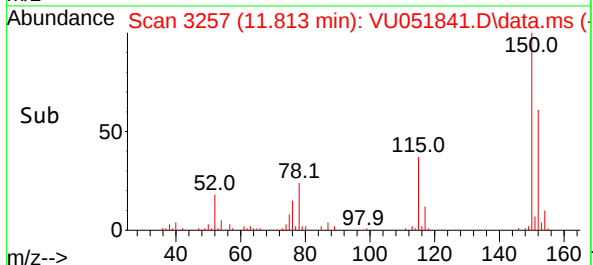
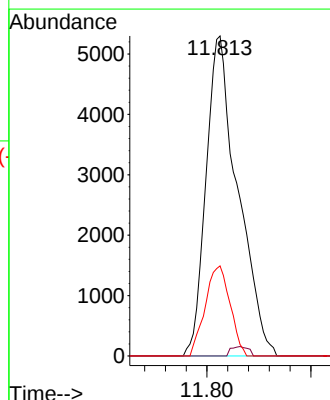
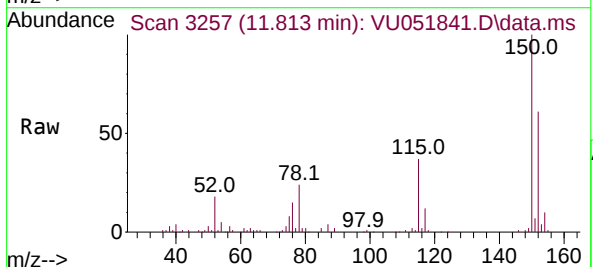
Instrument :
MSVOA_U
ClientSampleId :

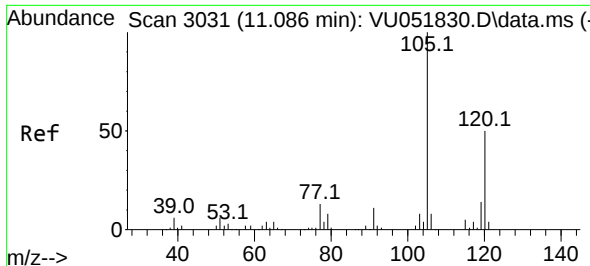
Tgt Ion:129 Resp: 30521
Ion Ratio Lower Upper
129 100
127 0.0 54.8 101.8#



#61
1,2,3-Trichloropropane
Concen: 1.228 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU051841.D
Acq: 14 Nov 2022 17:58

Tgt Ion: 75 Resp: 11237
Ion Ratio Lower Upper
75 100
110 1.6 28.7 43.1#
77 22.0 26.1 39.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.969 ug/L

RT: 11.642 min Scan# 31

Delta R.T. 0.556 min

Lab File: VU051841.D

Acq: 14 Nov 2022 17:58

Instrument :

MSVOA_U

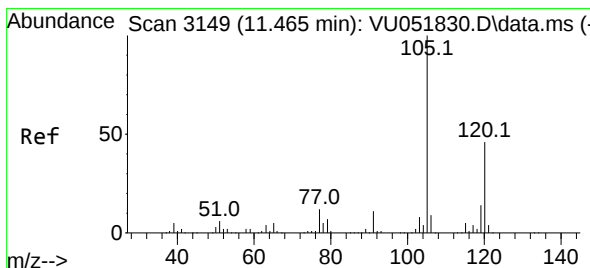
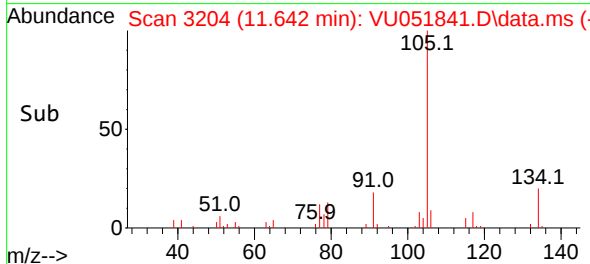
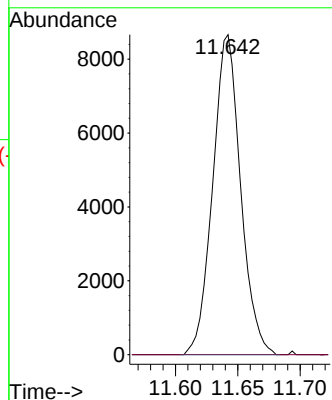
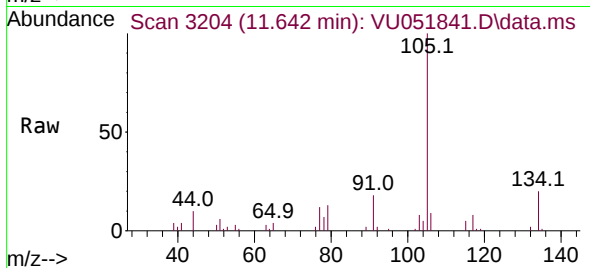
ClientSampleId :

Tgt Ion:105 Resp: 13472

Ion Ratio Lower Upper

105 100

120 2.7 38.6 57.8#



#63

1,2,4-Trimethylbenzene

Concen: 0.336 ug/L

RT: 11.642 min Scan# 3204

Delta R.T. 0.177 min

Lab File: VU051841.D

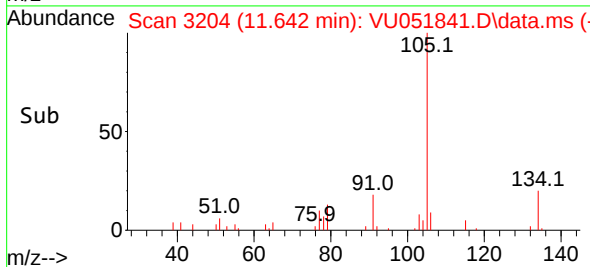
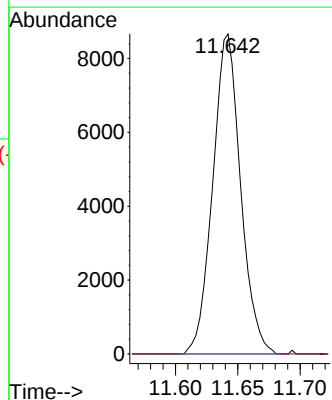
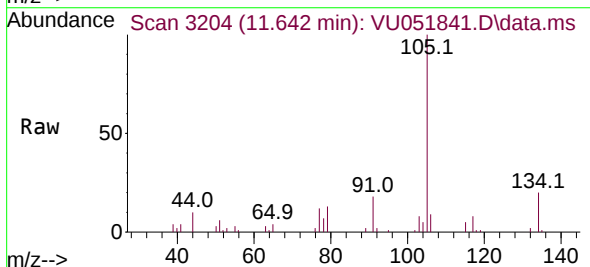
Acq: 14 Nov 2022 17:58

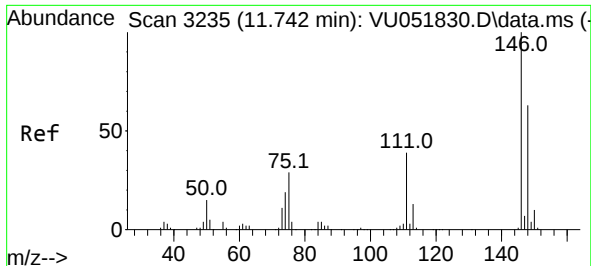
Tgt Ion:105 Resp: 13472

Ion Ratio Lower Upper

105 100

120 2.7 35.8 53.6#

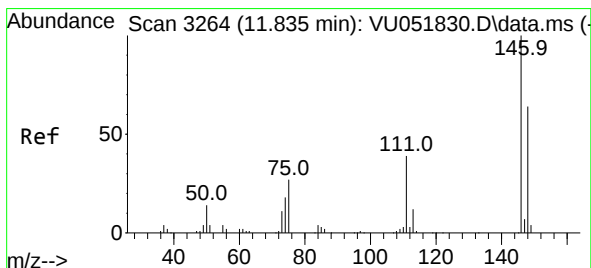
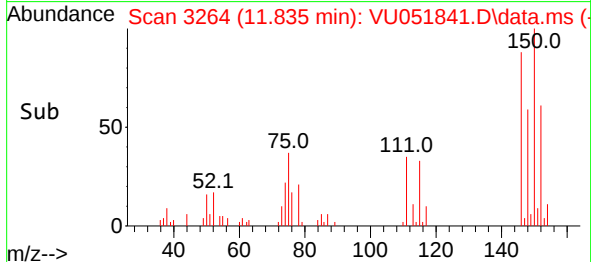
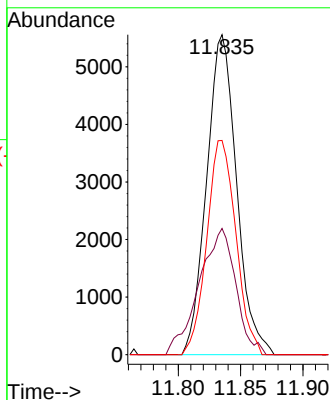
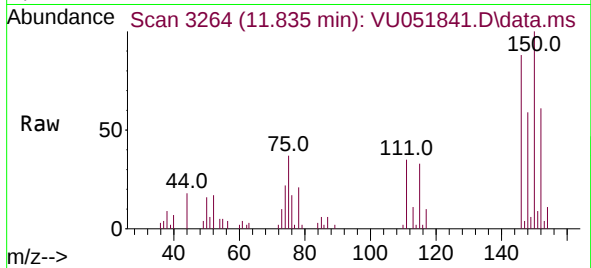




#64
1,3-Dichlorobenzene
Concen: 0.362 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.093 min
Lab File: VU051841.D
Acq: 14 Nov 2022 17:58

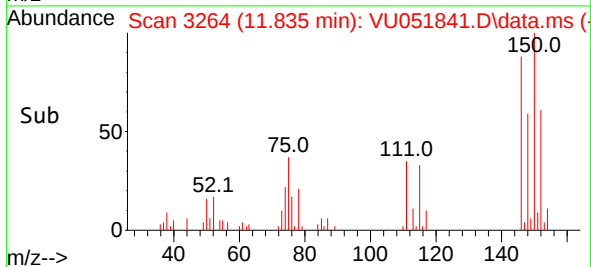
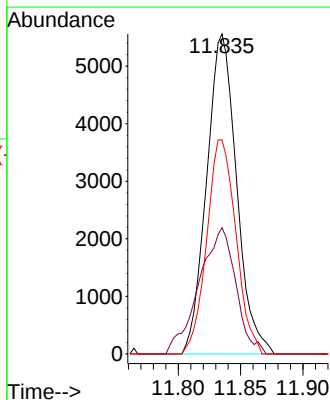
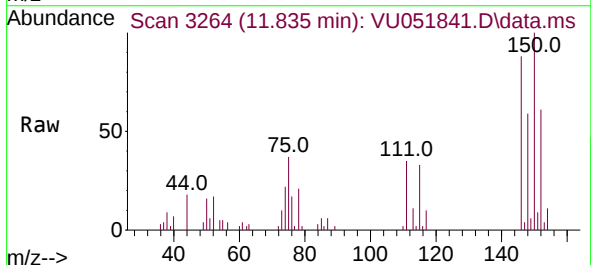
Instrument :
MSVOA_U
ClientSampleId :

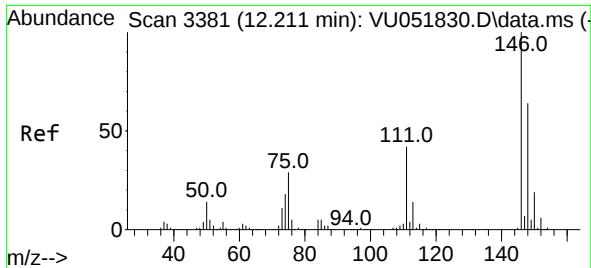
Tgt Ion:146 Resp: 9300
Ion Ratio Lower Upper
146 100
111 39.4 28.6 53.2
148 67.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 0.361 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051841.D
Acq: 14 Nov 2022 17:58

Tgt Ion:146 Resp: 9300
Ion Ratio Lower Upper
146 100
111 39.4 26.7 49.5
148 67.0 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 0.166 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

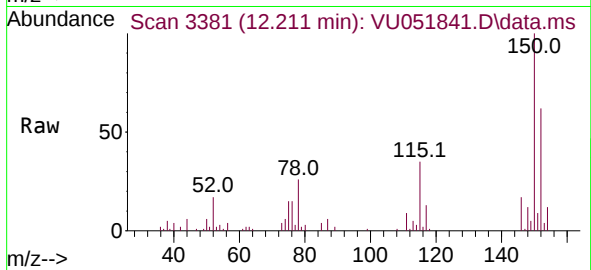
Lab File: VU051841.D

Acq: 14 Nov 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	146	Resp:	4146
Ion	Ratio	Lower	Upper
146	100		
111	52.5	34.2	51.2#
148	68.3	50.1	75.1

