

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111422\
 Data File : VU051830.D
 Acq On : 14 Nov 2022 12:42
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 02:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	206656	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	202984	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101317	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59856	3.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.909	69	59857	3.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.565	65	26286	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.623	46	200574	35.583	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.160%
24) Chloroform-d	5.063	84	151319	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.700	65	76122	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
32) Benzene-d6	5.726	84	286510	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.690	67	96210	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.896	98	264618	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
43) trans-1,3-Dichloroprop...	8.179	79	32635	4.765	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.629	63	165304	40.095	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.180%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	90805	4.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	96325	5.180	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	92816	4.107	ug/L	99
3) Chloromethane	1.523	50	99374	3.488	ug/L	99
5) Vinyl chloride	1.604	62	107122	3.925	ug/L	95
6) Bromomethane	1.855	94	47263	3.652	ug/L	98
8) Chloroethane	1.932	64	69266	4.180	ug/L	99
9) Trichlorofluoromethane	2.138	101	137525	4.591	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	86321	4.901	ug/L	99
12) 1,1-Dichloroethene	2.578	96	76477	4.257	ug/L	96
13) Acetone	2.629	43	151070	52.822	ug/L	99
14) Carbon disulfide	2.793	76	180289	3.113	ug/L	98
15) Methyl Acetate	2.951	43	35265	4.710	ug/L	98
16) Methylene chloride	3.044	84	121961	4.145	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	195458	4.745	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	80671	4.184	ug/L	97
19) 1,1-Dichloroethane	3.867	63	168619	4.741	ug/L	99
21) 2-Butanone	4.703	43	239118	53.389	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	97942	4.591	ug/L	99
23) Bromochloromethane	4.973	128	46548	4.666	ug/L	98
25) Chloroform	5.086	83	180677	4.897	ug/L	98

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 Acq On : 14 Nov 2022 12:42
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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 02:54:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

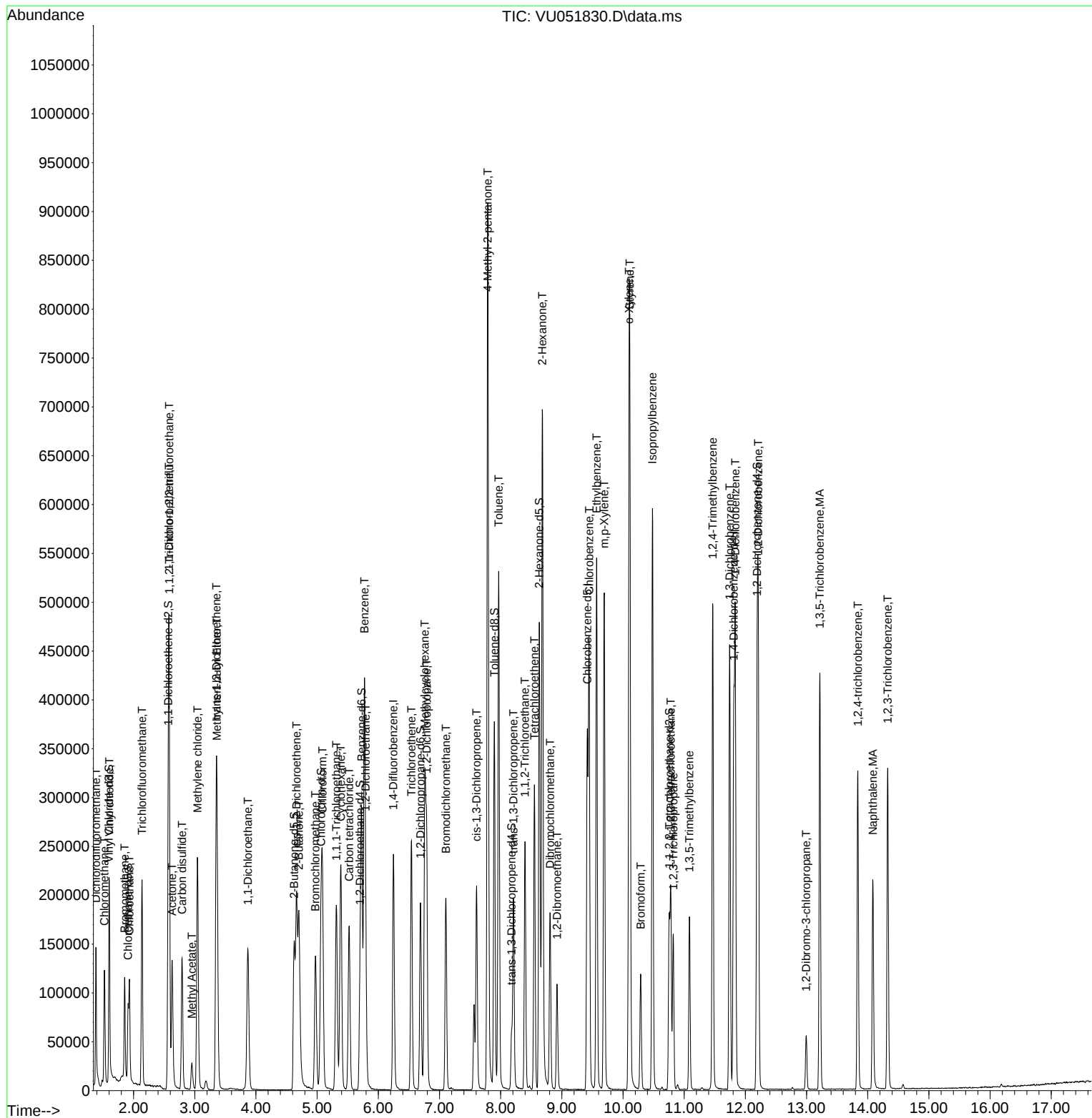
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	105411	4.643	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	135290	4.909	ug/L	99
30) Cyclohexane	5.385	56	106722	4.205	ug/L	100
31) Carbon tetrachloride	5.523	117	116890	4.959	ug/L	99
33) Benzene	5.774	78	378991	4.731	ug/L	100
34) Trichloroethene	6.542	95	91037	4.709	ug/L	98
35) Methylcyclohexane	6.761	83	116296	4.351	ug/L	99
37) 1,2-Dichloropropane	6.790	63	105215	5.107	ug/L	99
38) Bromodichloromethane	7.105	83	131056	5.208	ug/L	95
39) cis-1,3-Dichloropropene	7.607	75	129154	4.886	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	562940	54.475	ug/L	99
42) Toluene	7.967	91	402979	4.898	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	114032	5.162	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	81605	5.405	ug/L	99
47) Tetrachloroethene	8.552	164	71190	4.808	ug/L	94
48) 2-Hexanone	8.681	43	423728	55.395	ug/L	98
49) Dibromochloromethane	8.809	129	94201	5.462	ug/L	99
50) 1,2-Dibromoethane	8.922	107	72225	5.302	ug/L	97
51) Chlorobenzene	9.446	112	260310	5.028	ug/L	98
52) Ethylbenzene	9.568	91	382673	4.821	ug/L	100
53) m,p-Xylene	9.693	106	149329	4.843	ug/L	97
54) o-Xylene	10.099	106	151944	5.043	ug/L	97
55) Styrene	10.111	104	264572	5.252	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	103583	5.533	ug/L	99
59) Bromoform	10.288	173	55205	5.897	ug/L	100
60) Isopropylbenzene	10.481	105	386787	5.229	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	72407	5.527	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	97522	4.898	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	275196	4.793	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	197574	5.366	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	191014	5.174	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	192041	5.354	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	15642	5.798	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	136700	5.208	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	102757	5.100	ug/L	98
71) Naphthalene	14.082	128	185853	4.941	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	106539	5.236	ug/L	99

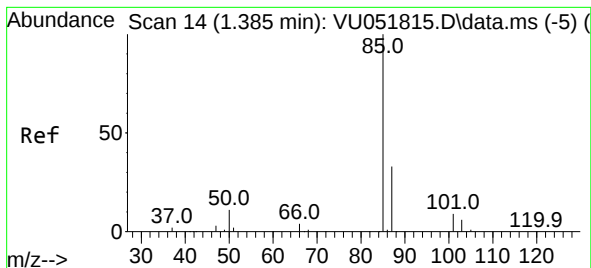
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Data File : VU051830.D
Acq On : 14 Nov 2022 12:42
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Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 15 02:54:17 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 12 01:22:06 2022
Response via : Initial Calibration

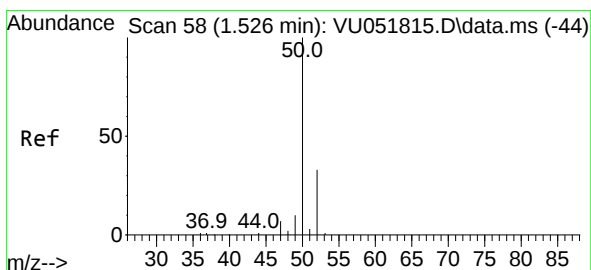
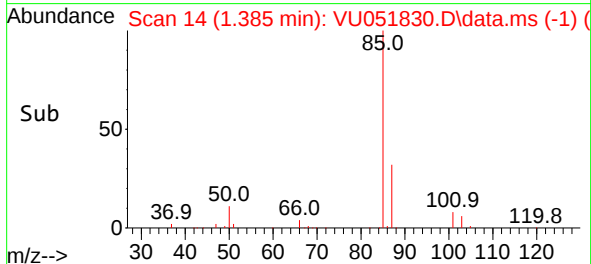
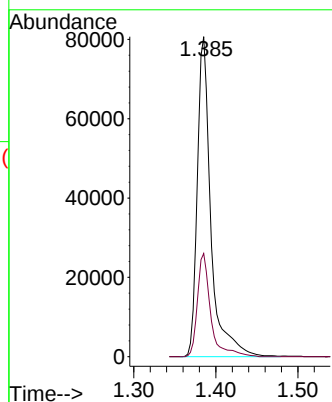
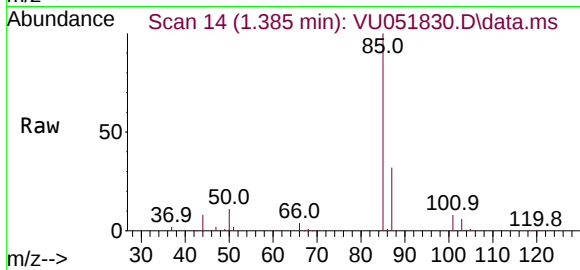




#2
Dichlorodifluoromethane
Concen: 4.107 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

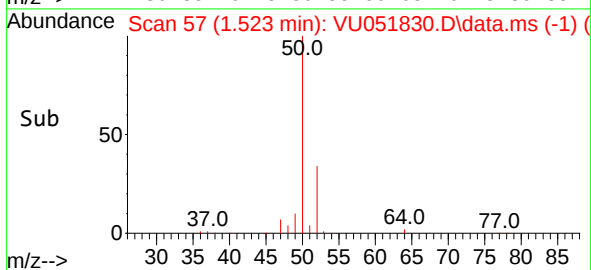
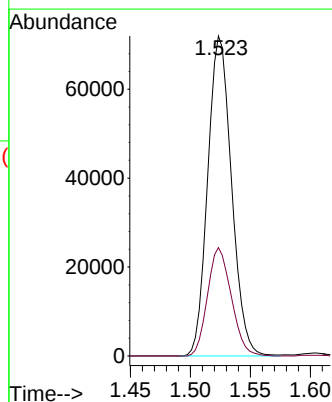
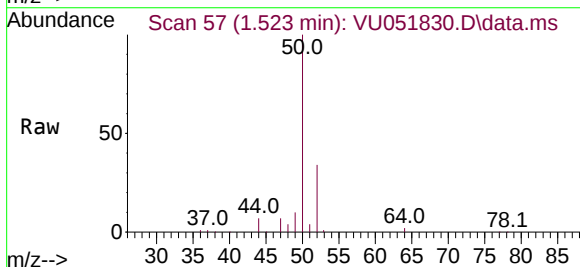
Instrument :
MSVOA_U
ClientSampleId :

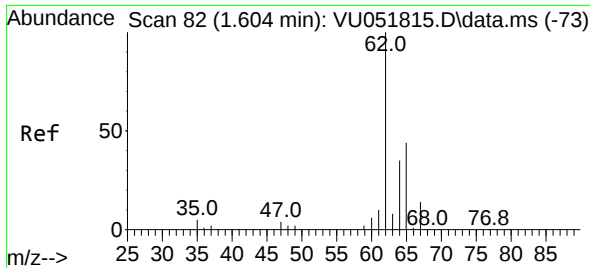
Tgt Ion: 85 Resp: 92816
Ion Ratio Lower Upper
85 100
87 31.6 25.7 38.5



#3
Chloromethane
Concen: 3.488 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion: 50 Resp: 99374
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.2

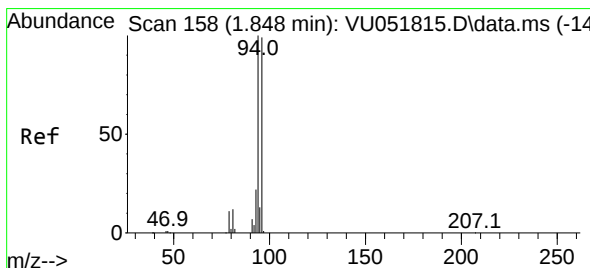
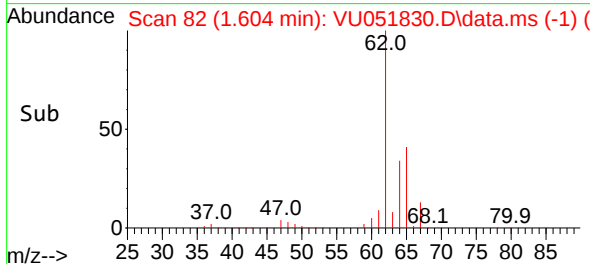
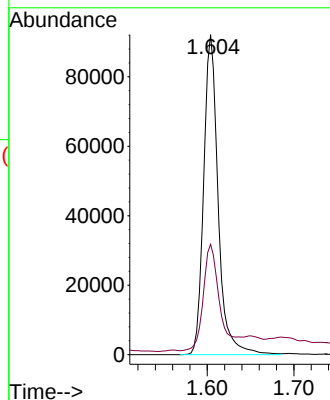
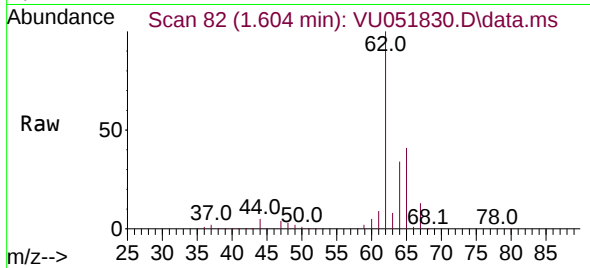




#5
 Vinyl chloride
 Concen: 3.925 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051830.D
 Acq: 14 Nov 2022 12:42

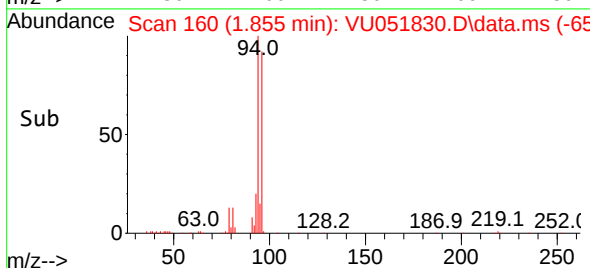
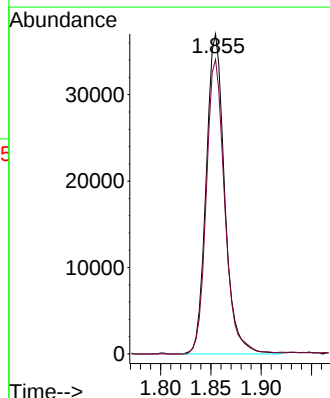
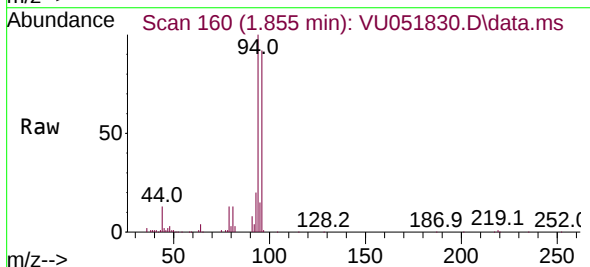
Instrument :
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 ClientSampleId :

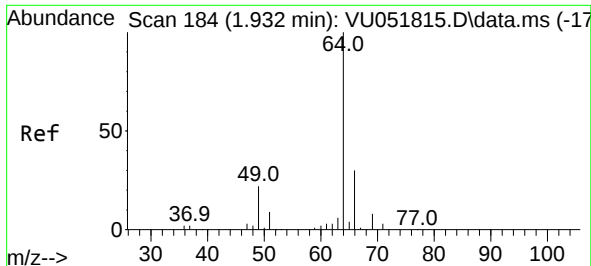
Tgt Ion: 62 Resp: 107122
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.1 41.1



#6
 Bromomethane
 Concen: 3.652 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.007 min
 Lab File: VU051830.D
 Acq: 14 Nov 2022 12:42

Tgt Ion: 94 Resp: 47263
 Ion Ratio Lower Upper
 94 100
 96 92.0 63.2 117.4

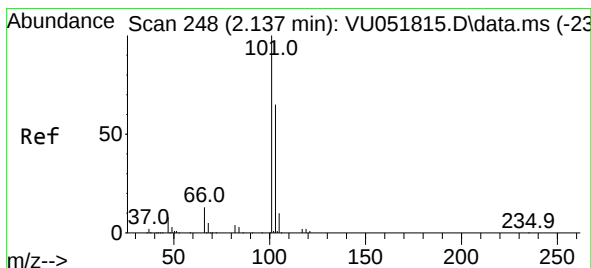
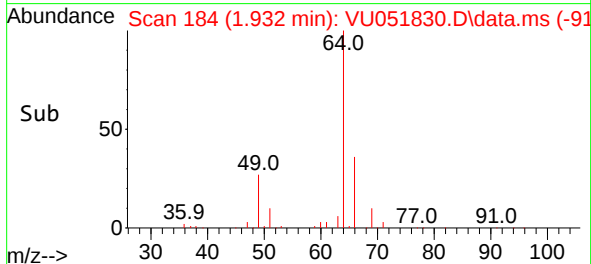
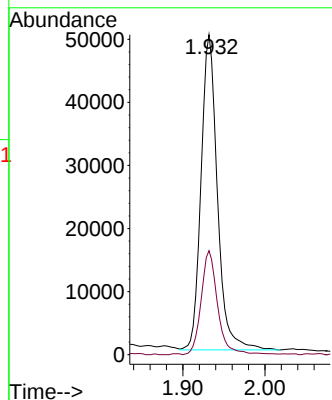
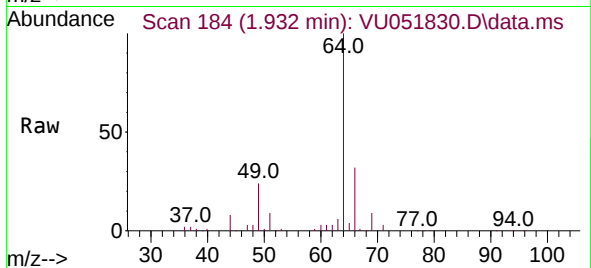




#8
Chloroethane
Concen: 4.180 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

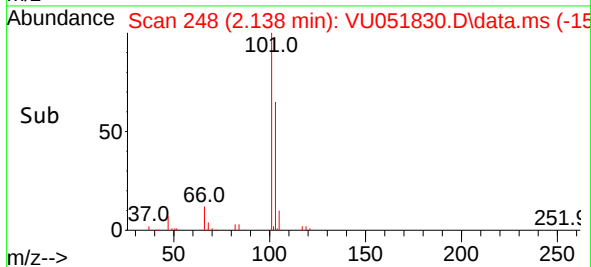
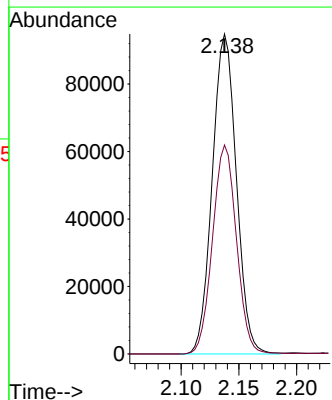
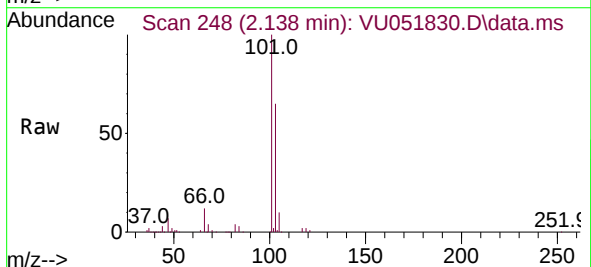
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MSVOA_U
ClientSampleId :

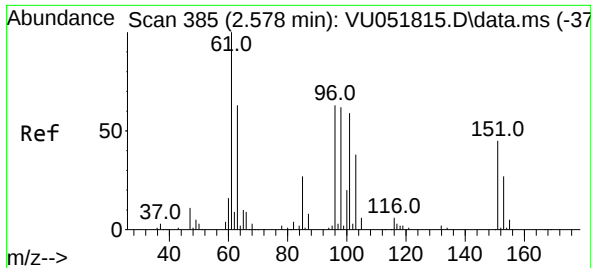
Tgt Ion: 64 Resp: 69266
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.591 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion: 101 Resp: 137525
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.6

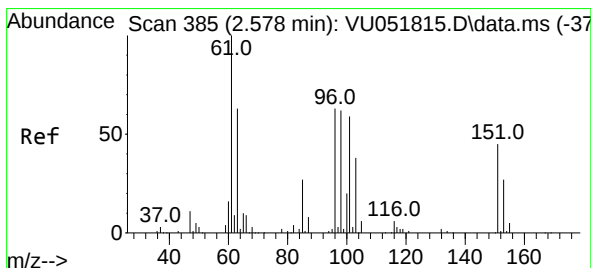
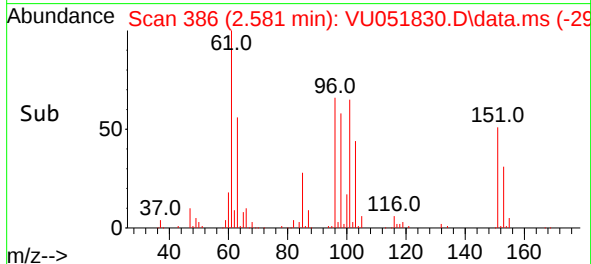
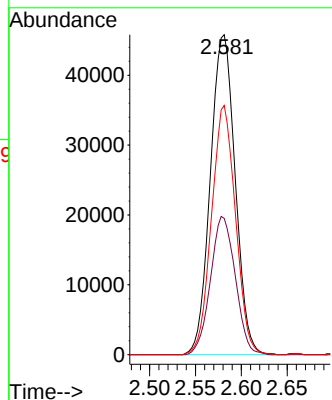
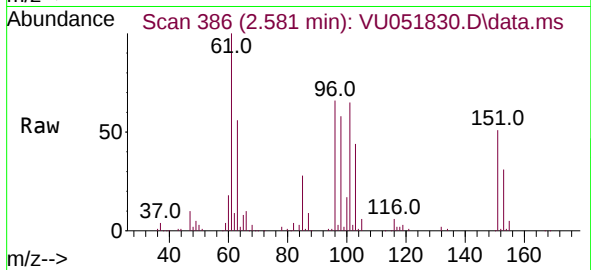




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.901 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.003 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

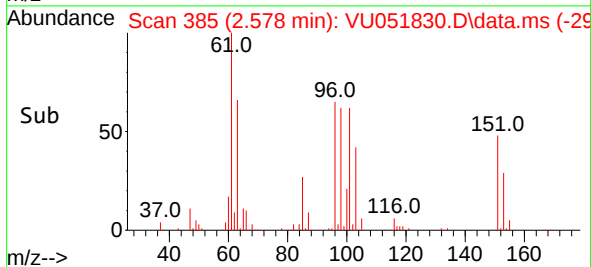
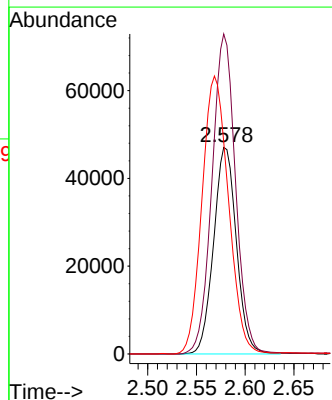
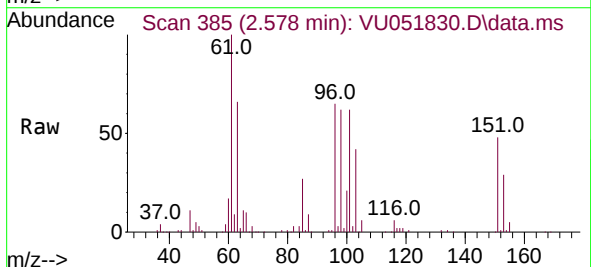
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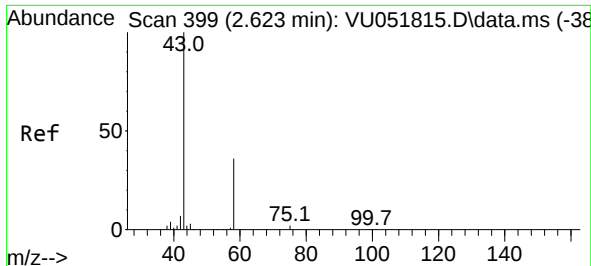
Tgt Ion:101 Resp: 86321
Ion Ratio Lower Upper
101 100
85 43.1 35.6 53.4
151 75.3 59.6 89.4



#12
1,1-Dichloroethene
Concen: 4.257 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion: 96 Resp: 76477
Ion Ratio Lower Upper
96 100
61 154.9 108.8 202.0
63 102.7 64.9 120.5





#13

Acetone

Concen: 52.822 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

Instrument :

MSVOA_U

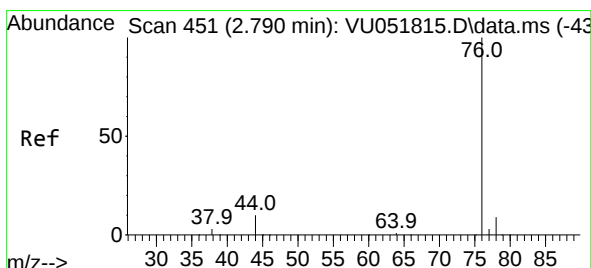
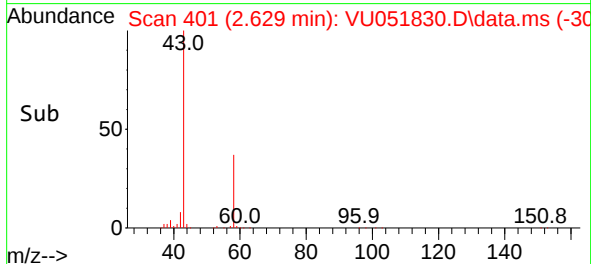
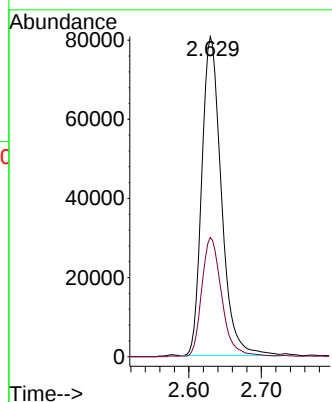
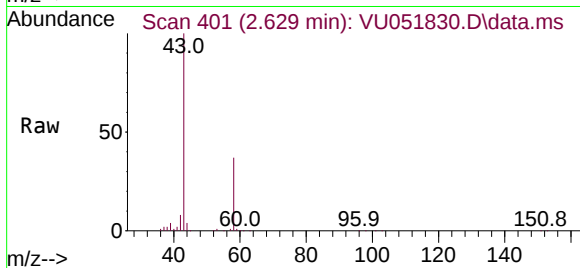
ClientSampleId :

Tgt Ion: 43 Resp: 151070

Ion Ratio Lower Upper

43 100

58 37.7 0.0 73.8



#14

Carbon disulfide

Concen: 3.113 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051830.D

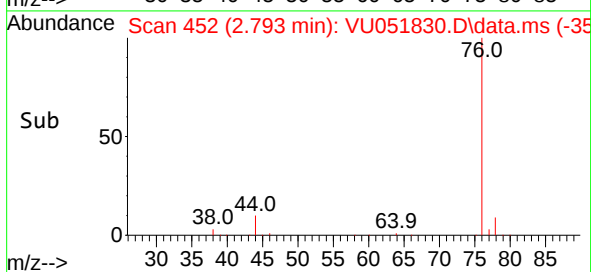
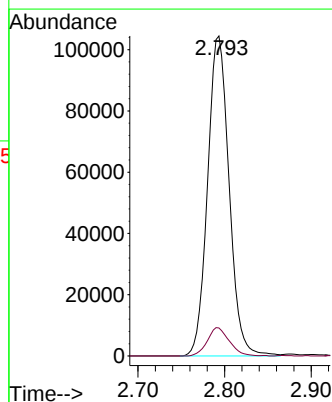
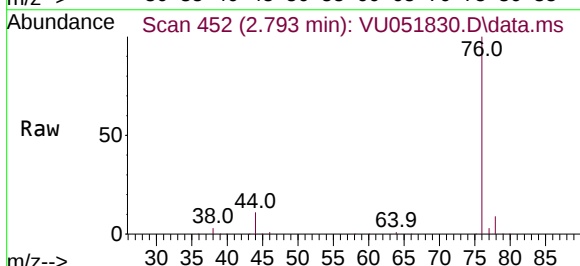
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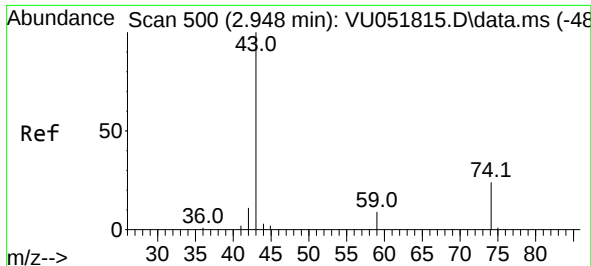
Tgt Ion: 76 Resp: 180289

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

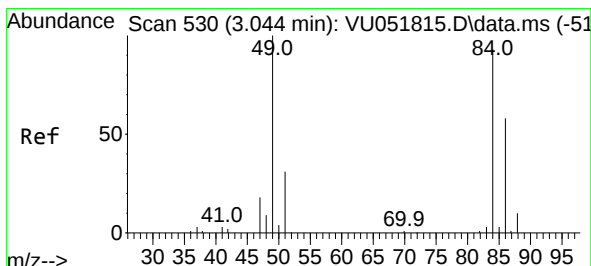
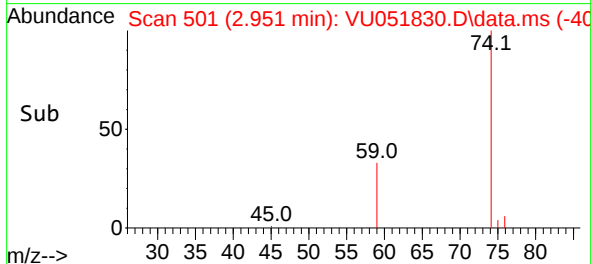
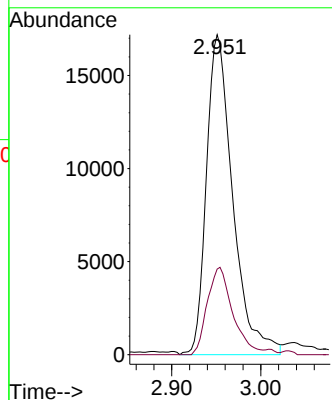
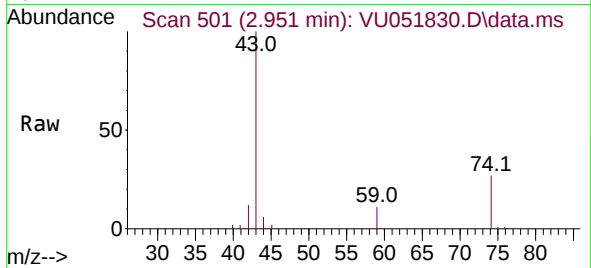




#15
Methyl Acetate
Concen: 4.710 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

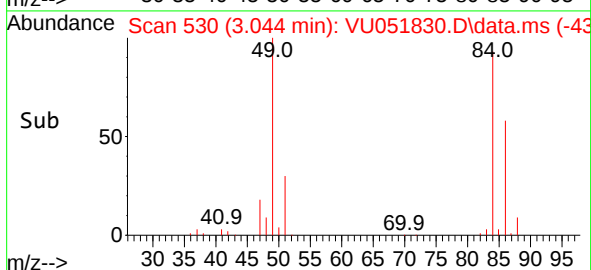
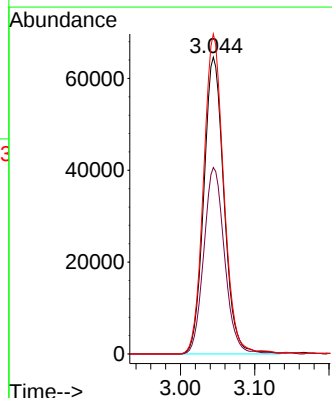
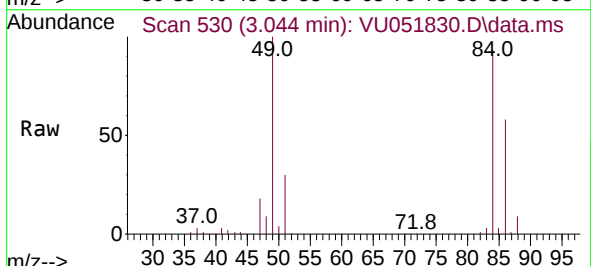
Instrument :
MSVOA_U
ClientSampleId :

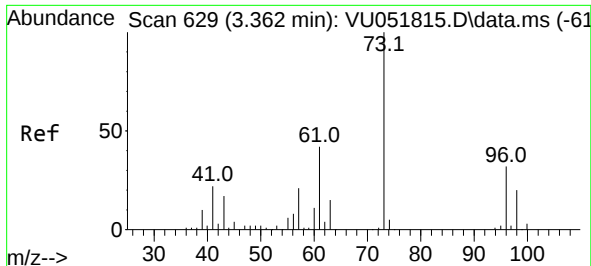
Tgt Ion: 43 Resp: 35265
Ion Ratio Lower Upper
43 100
74 26.3 20.2 30.4



#16
Methylene chloride
Concen: 4.145 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion: 84 Resp: 121961
Ion Ratio Lower Upper
84 100
86 62.8 46.3 85.9
49 107.8 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 4.745 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

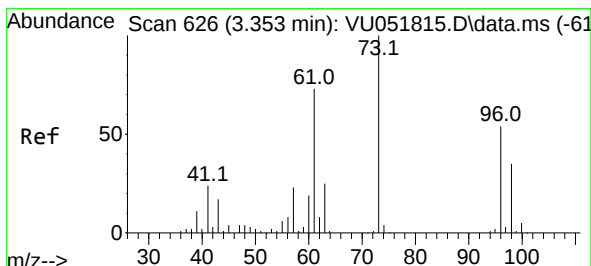
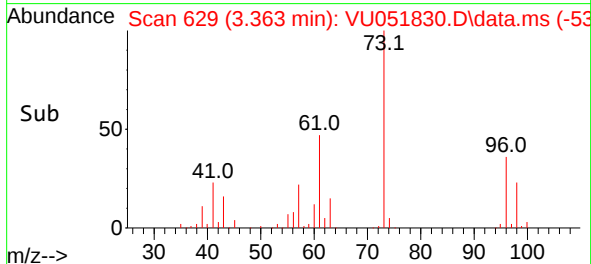
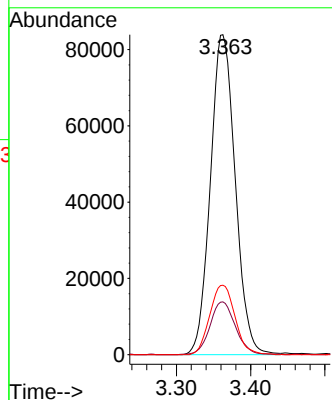
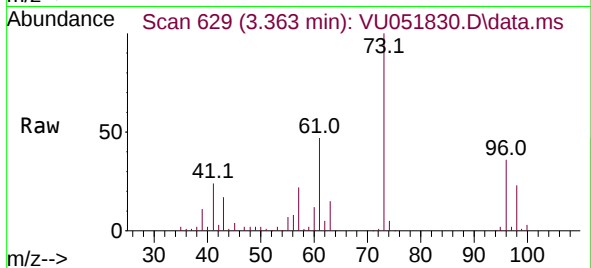
Tgt Ion: 73 Resp: 195458

Ion Ratio Lower Upper

73 100

43 17.0 13.6 20.4

57 22.0 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 4.184 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

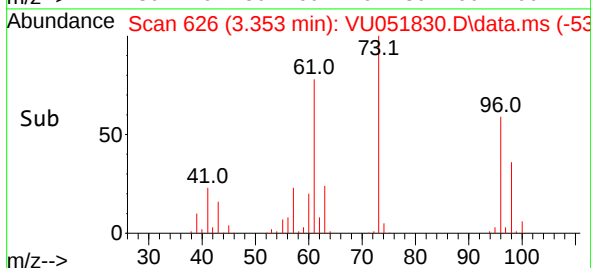
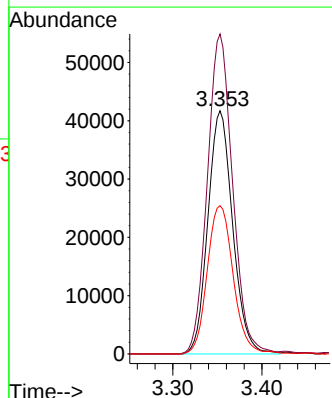
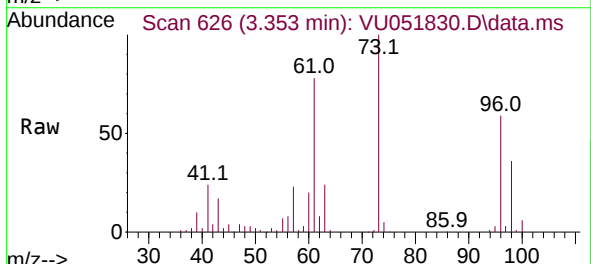
Tgt Ion: 96 Resp: 80671

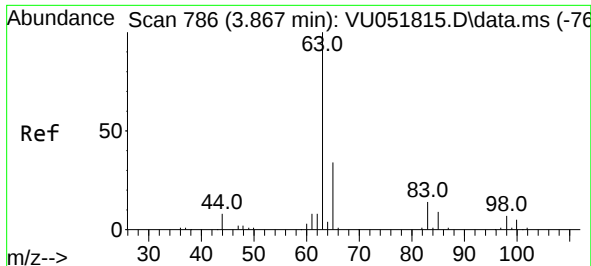
Ion Ratio Lower Upper

96 100

61 131.6 94.7 175.9

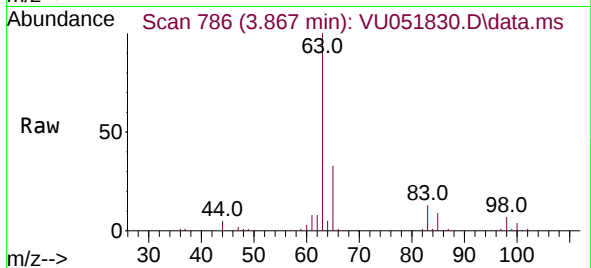
98 61.0 44.2 82.0



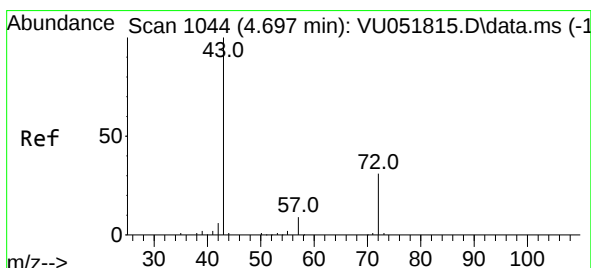
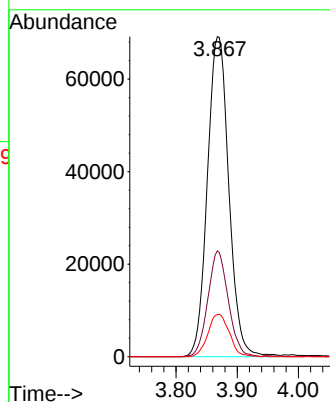
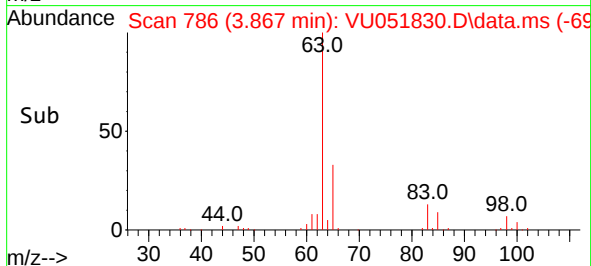


#19
1,1-Dichloroethane
Concen: 4.741 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Instrument :
MSVOA_U
ClientSampleId :

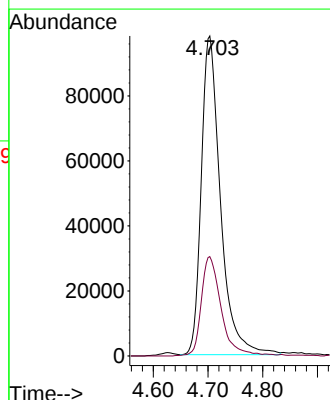
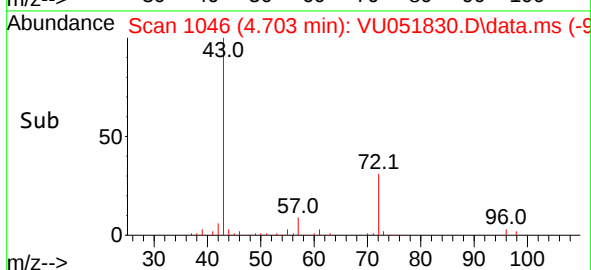
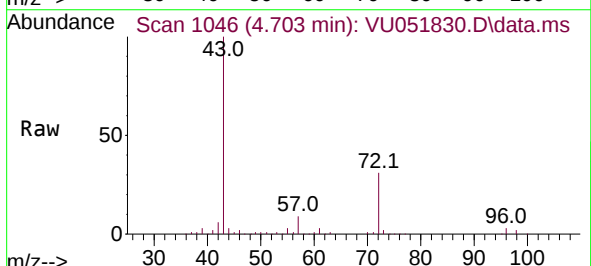


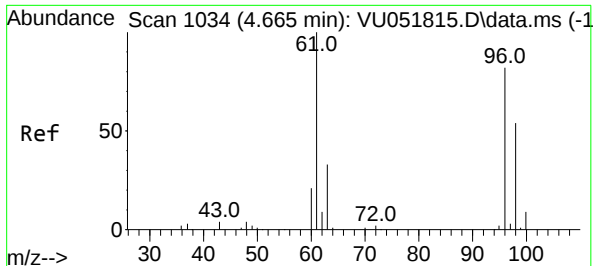
Tgt Ion: 63 Resp: 168619
Ion Ratio Lower Upper
63 100
65 33.1 22.7 42.1
83 13.1 9.2 17.0



#21
2-Butanone
Concen: 53.389 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. 0.007 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

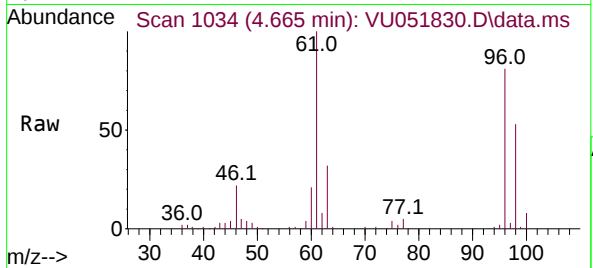
Tgt Ion: 43 Resp: 239118
Ion Ratio Lower Upper
43 100
72 32.0 16.2 48.5



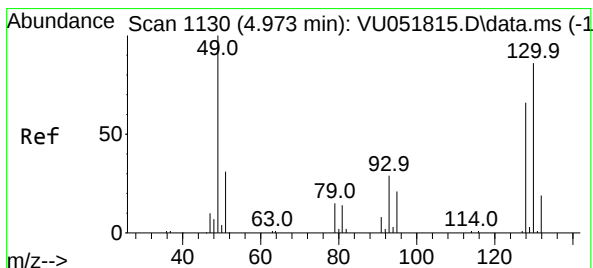
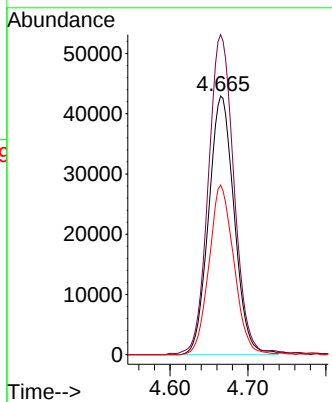
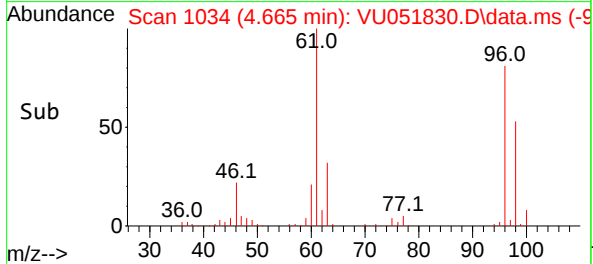


#22
 cis-1,2-Dichloroethene
 Concen: 4.591 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051830.D
 Acq: 14 Nov 2022 12:42

Instrument :
 MSVOA_U
 ClientSampleId :

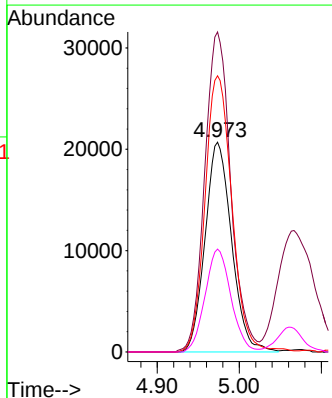
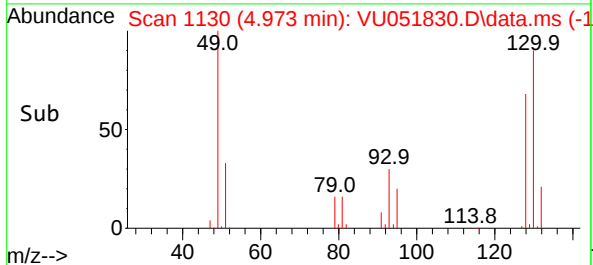
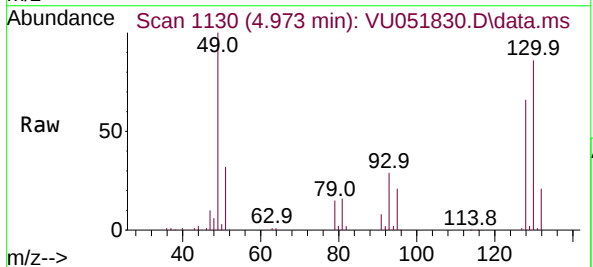


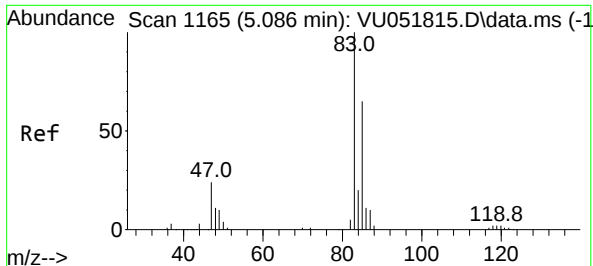
Tgt Ion: 96 Resp: 97942
 Ion Ratio Lower Upper
 96 100
 61 123.7 86.4 160.4
 98 65.6 44.2 82.2



#23
 Bromochloromethane
 Concen: 4.666 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051830.D
 Acq: 14 Nov 2022 12:42

Tgt Ion: 128 Resp: 46548
 Ion Ratio Lower Upper
 128 100
 49 152.6 105.5 195.9
 130 131.7 93.5 173.7
 51 49.1 40.1 60.1





#25

Chloroform

Concen: 4.897 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

Instrument :

MSVOA_U

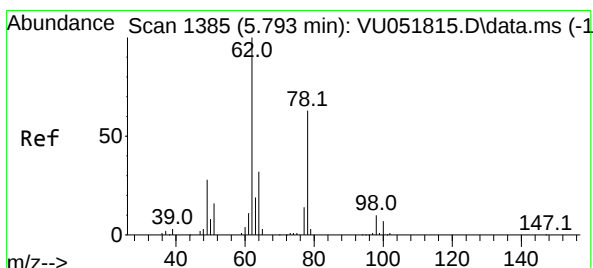
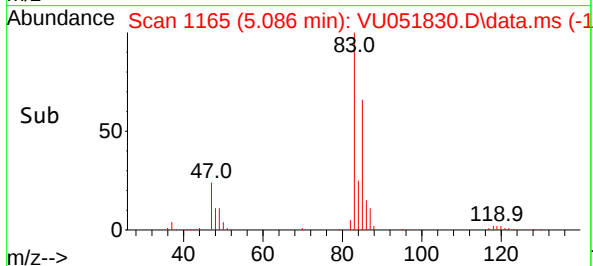
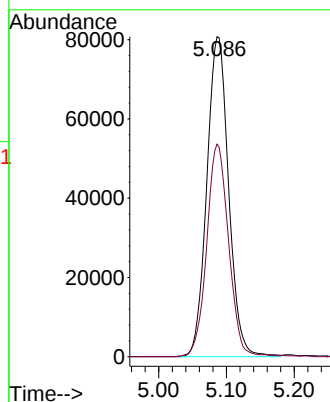
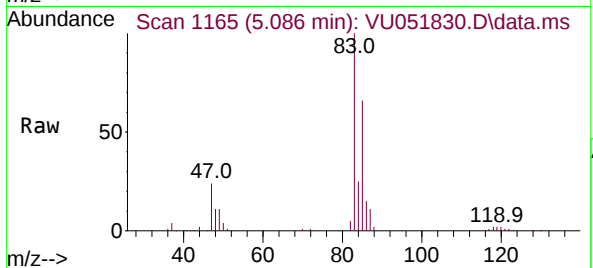
ClientSampleId :

Tgt Ion: 83 Resp: 180677

Ion Ratio Lower Upper

83 100

85 66.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.643 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051830.D

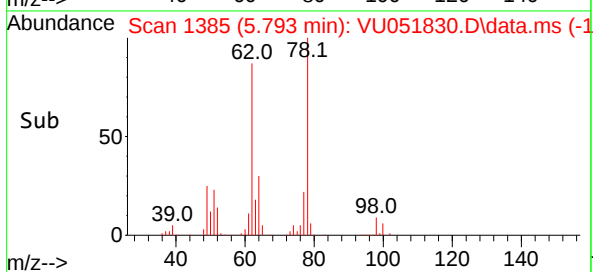
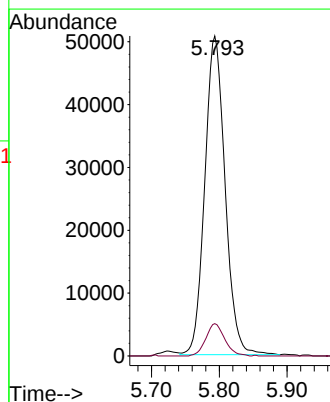
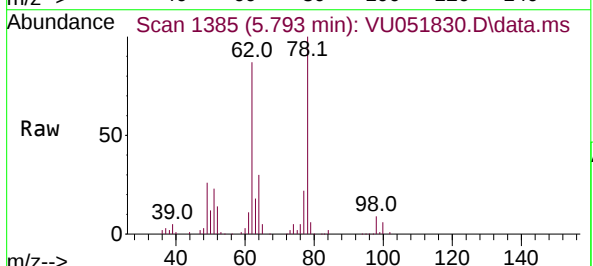
Acq: 14 Nov 2022 12:42

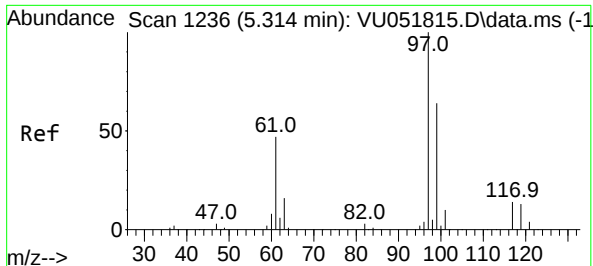
Tgt Ion: 62 Resp: 105411

Ion Ratio Lower Upper

62 100

98 10.1 7.4 11.0

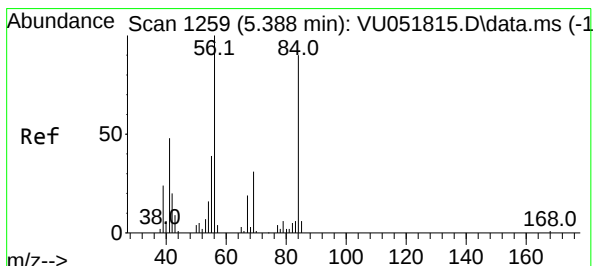
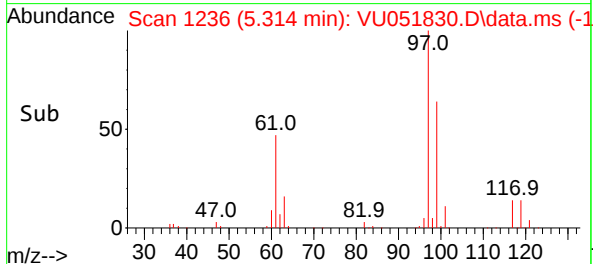
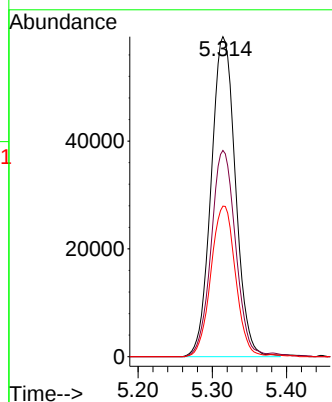
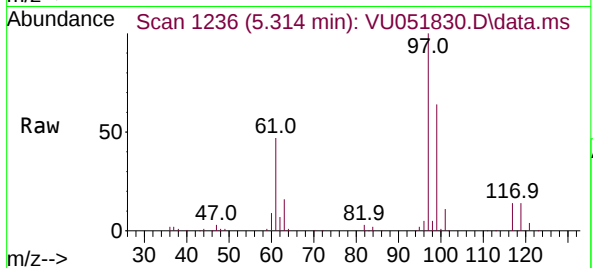




#29
1,1,1-Trichloroethane
Concen: 4.909 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

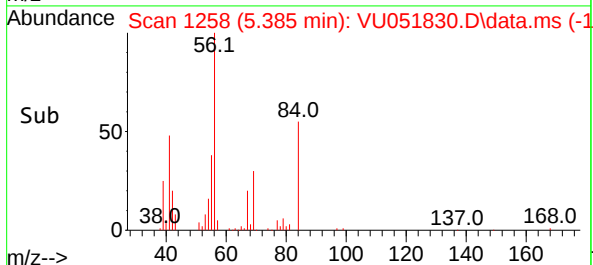
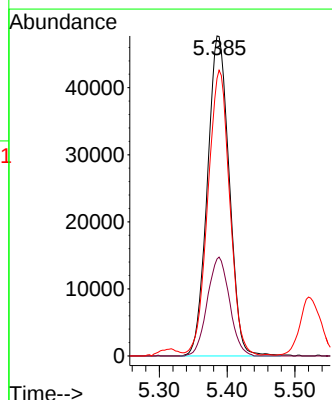
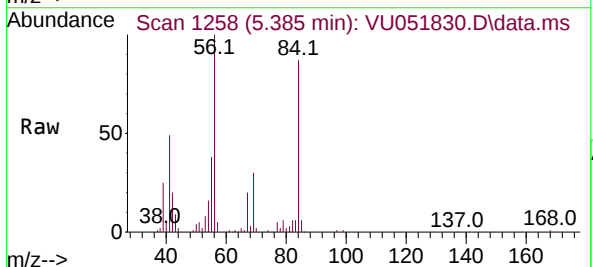
Instrument :
MSVOA_U
ClientSampleId :

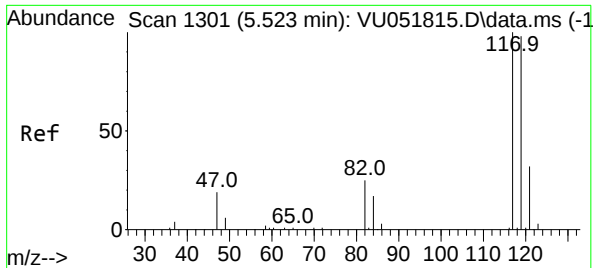
Tgt Ion: 97 Resp: 135290
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 47.5 37.4 56.0



#30
Cyclohexane
Concen: 4.205 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion: 56 Resp: 106722
Ion Ratio Lower Upper
56 100
69 31.4 25.4 38.0
84 88.9 71.4 107.0

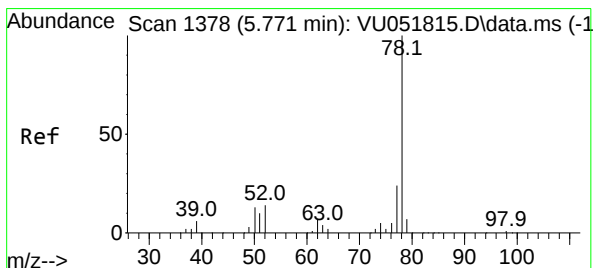
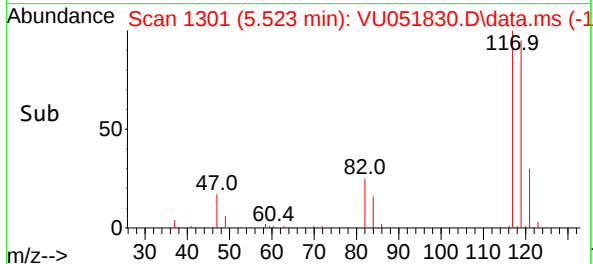
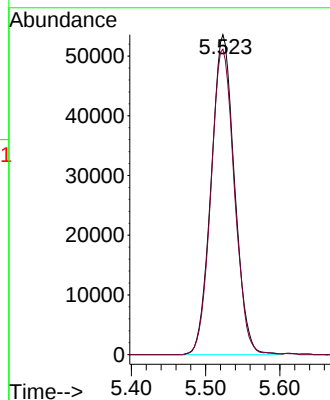
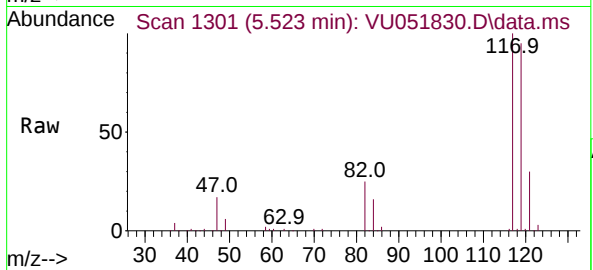




#31
Carbon tetrachloride
Concen: 4.959 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

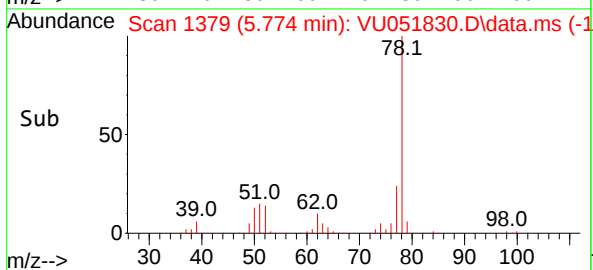
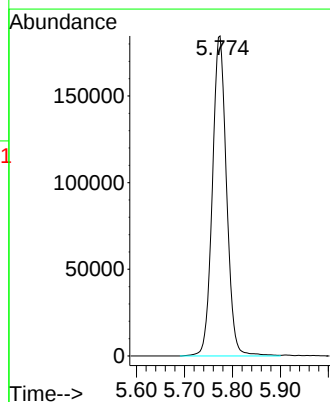
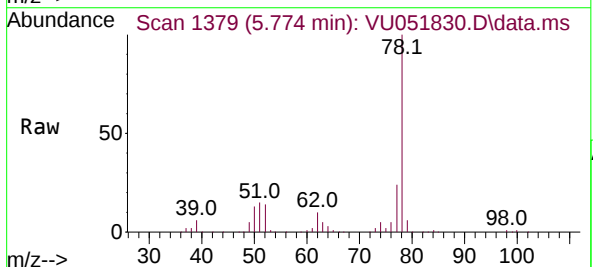
Instrument :
MSVOA_U
ClientSampleId :

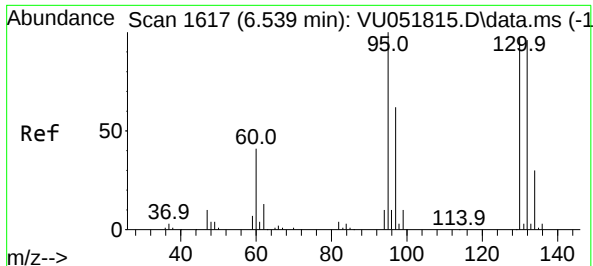
Tgt Ion:117 Resp: 116890
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 4.731 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

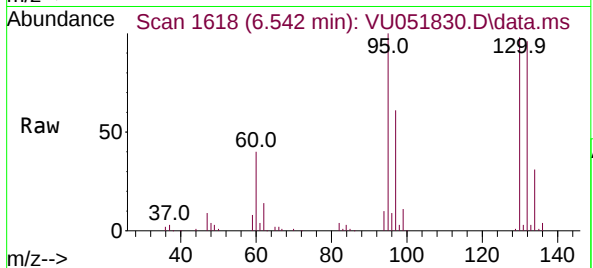
Tgt Ion: 78 Resp: 378991



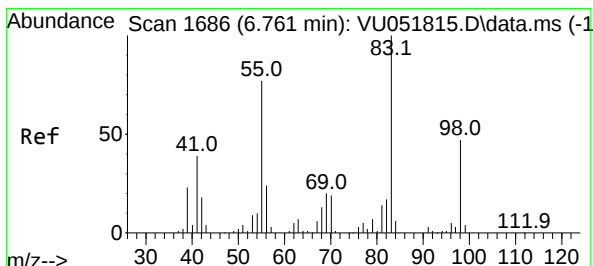
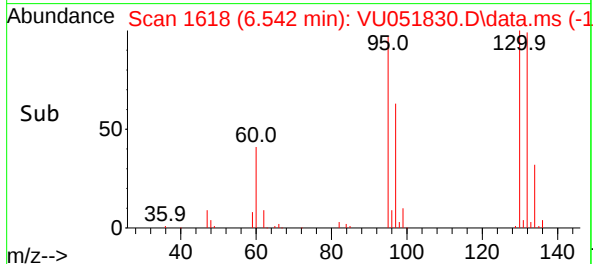
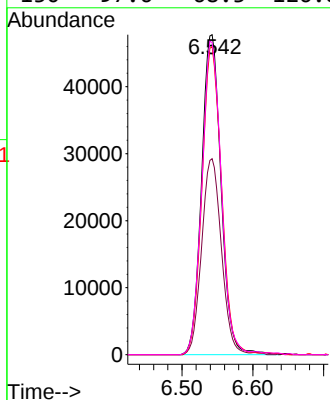


#34
Trichloroethene
Concen: 4.709 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Instrument :
MSVOA_U
ClientSampleId :

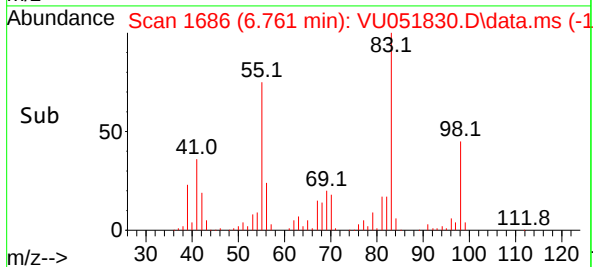
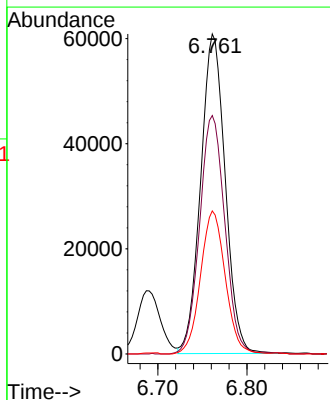
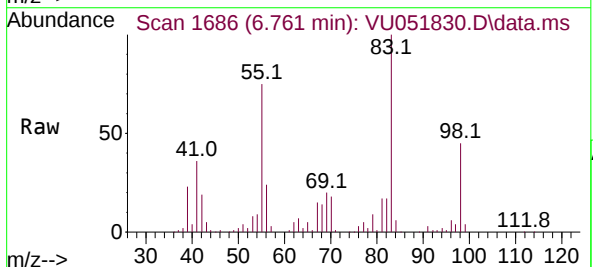


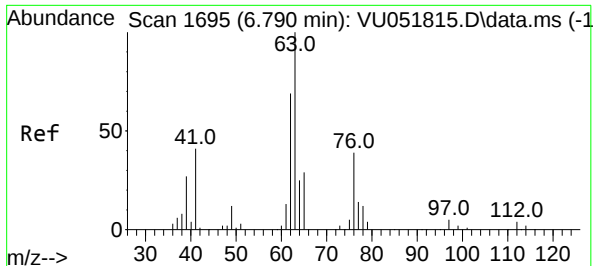
Tgt Ion: 95 Resp: 91037
Ion Ratio Lower Upper
95 100
97 61.2 45.2 84.0
132 96.2 66.5 123.5
130 97.6 68.3 126.8



#35
Methylcyclohexane
Concen: 4.351 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion: 83 Resp: 116296
Ion Ratio Lower Upper
83 100
55 76.5 60.6 90.8
98 45.2 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.107 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

Instrument :

MSVOA_U

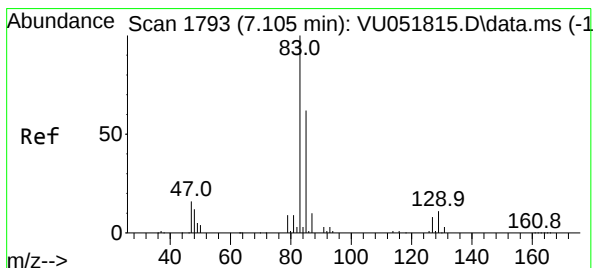
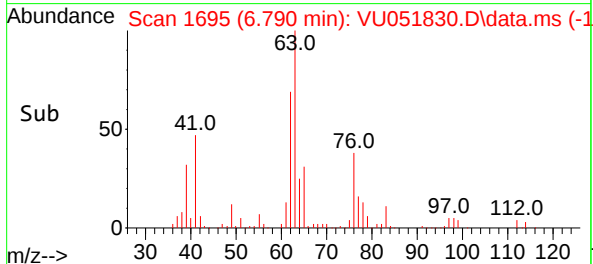
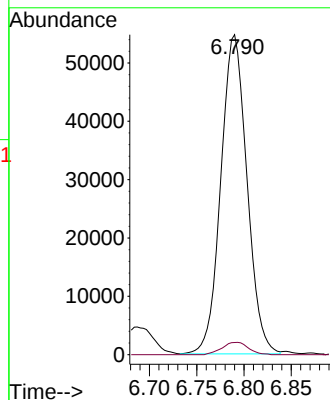
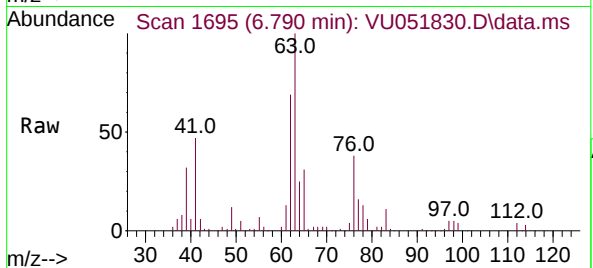
ClientSampleId :

Tgt Ion: 63 Resp: 105215

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.208 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

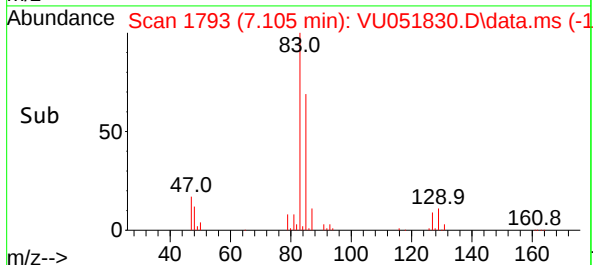
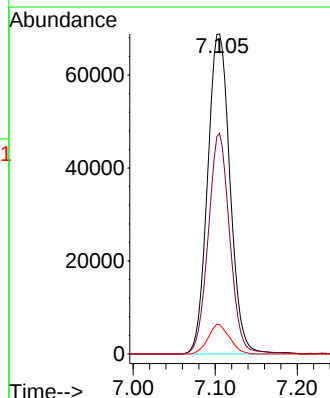
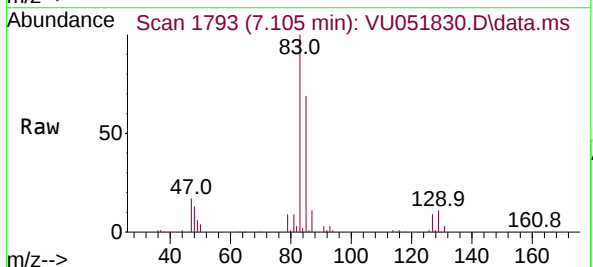
Tgt Ion: 83 Resp: 131056

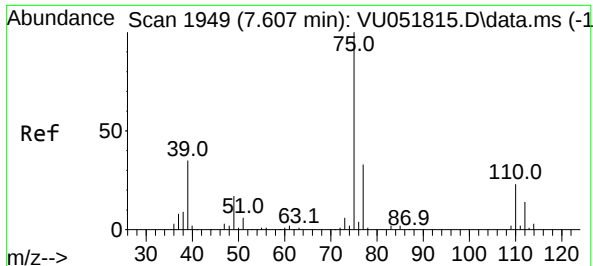
Ion Ratio Lower Upper

83 100

85 68.9 45.1 83.7

127 9.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.886 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

Instrument :

MSVOA_U

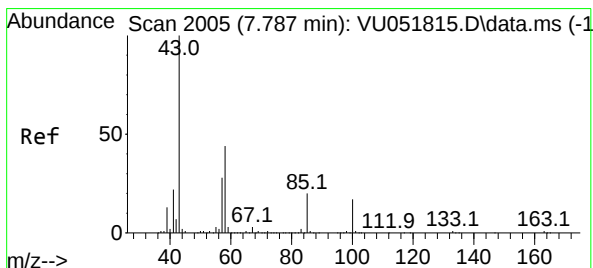
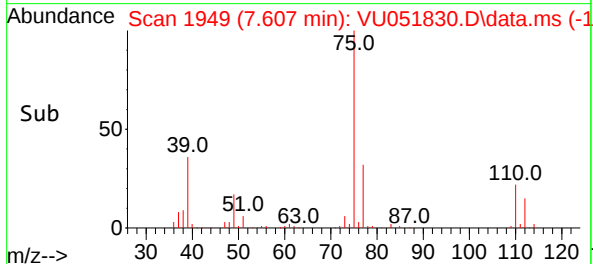
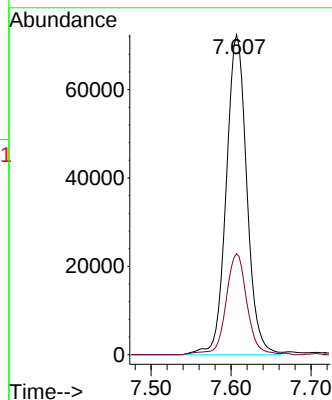
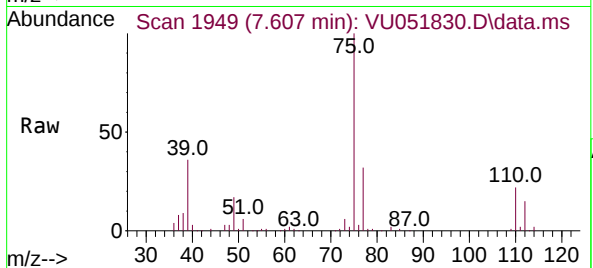
ClientSampleId :

Tgt Ion: 75 Resp: 129154

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 54.475 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

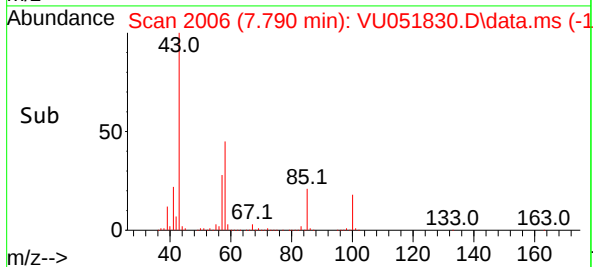
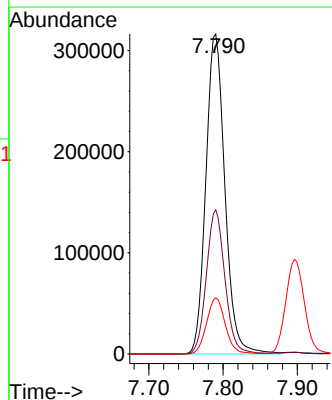
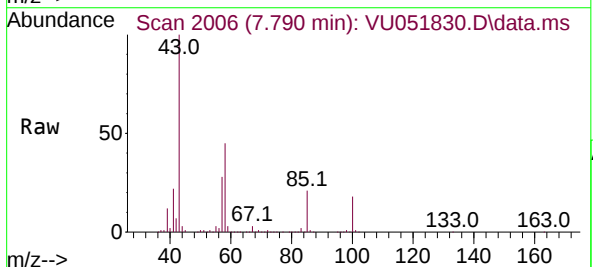
Tgt Ion: 43 Resp: 562940

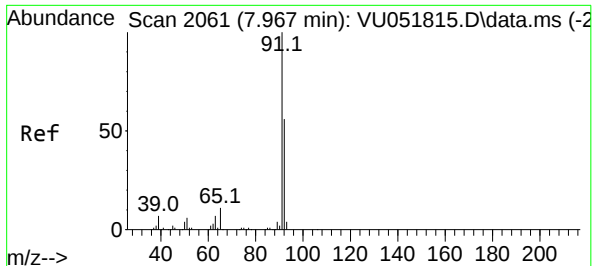
Ion Ratio Lower Upper

43 100

58 43.9 35.0 52.6

100 17.3 13.4 20.0





#42

Toluene

Concen: 4.898 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

Instrument :

MSVOA_U

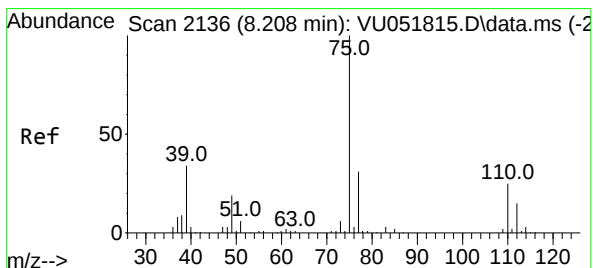
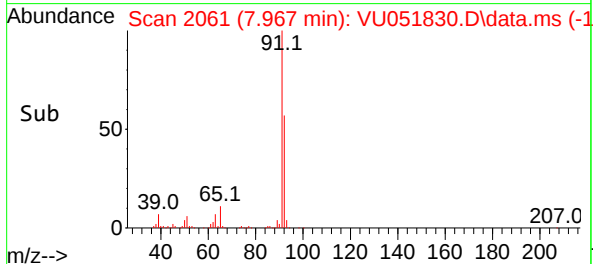
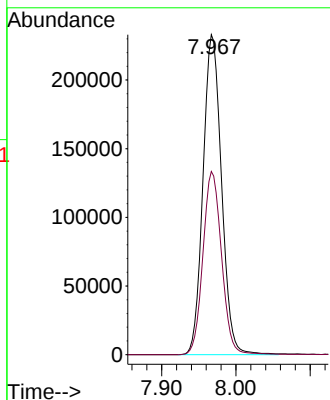
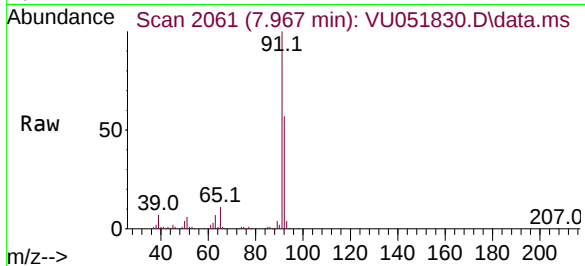
ClientSampleId :

Tgt Ion: 91 Resp: 402979

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.162 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051830.D

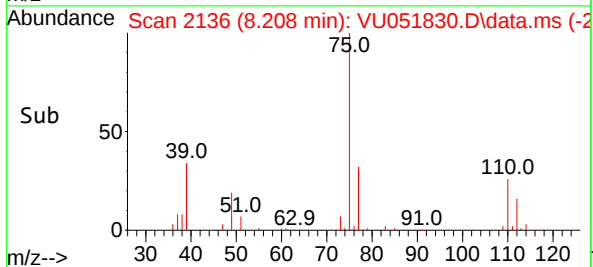
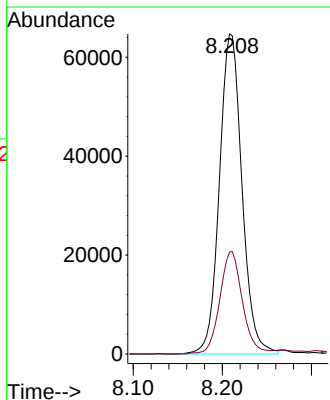
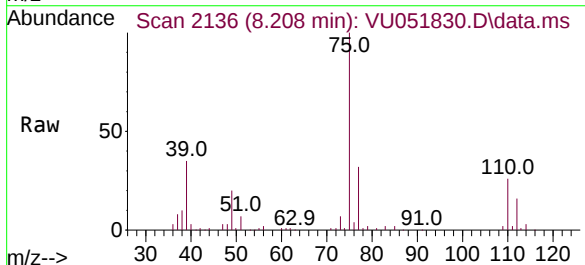
Acq: 14 Nov 2022 12:42

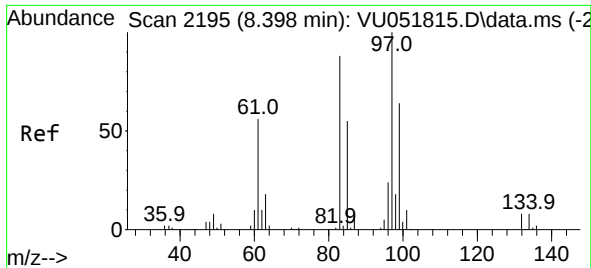
Tgt Ion: 75 Resp: 114032

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.6

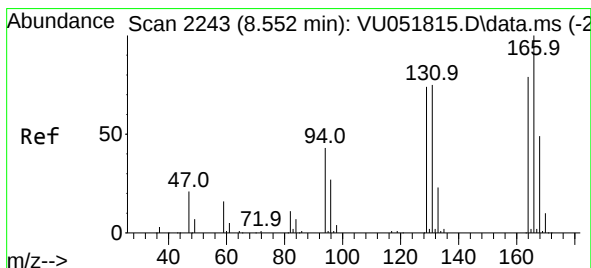
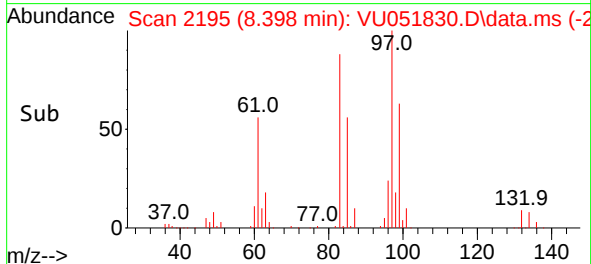
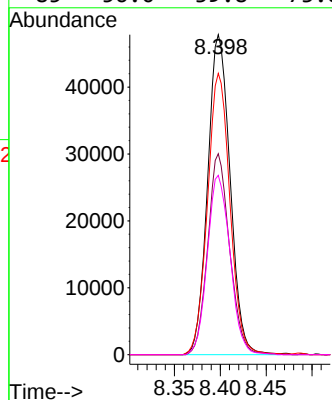
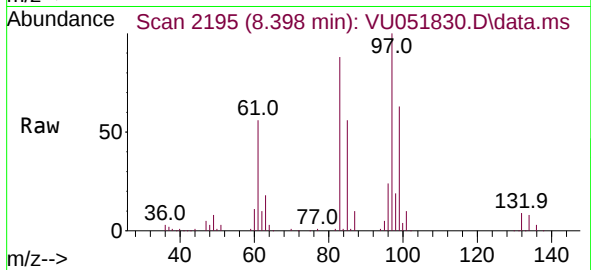




#45
1,1,2-Trichloroethane
Concen: 5.405 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

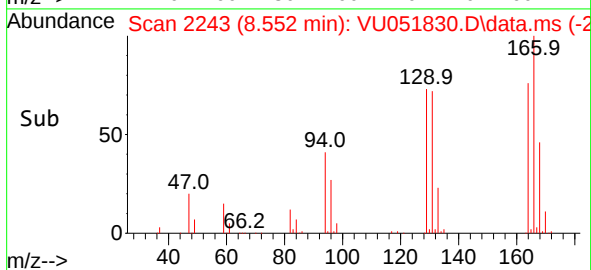
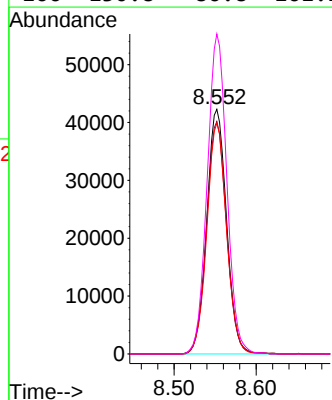
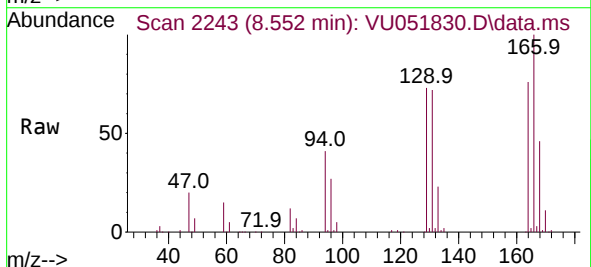
Instrument :
MSVOA_U
ClientSampleId :

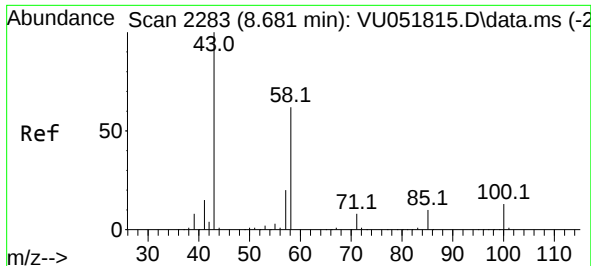
Tgt Ion:	97	Resp:	81605
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.4	80.6
83	87.9	61.3	113.9
85	56.0	39.8	73.8



#47
Tetrachloroethene
Concen: 4.808 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion:	164	Resp:	71190
Ion	Ratio	Lower	Upper
164	100		
129	95.0	64.0	118.8
131	94.4	60.7	112.7
166	130.8	86.8	161.2



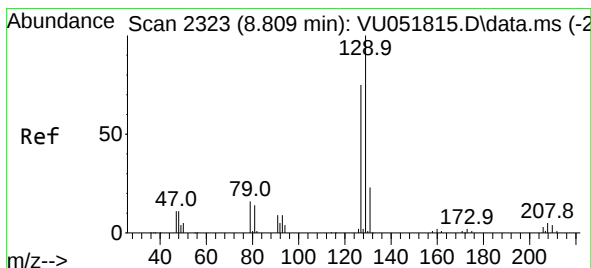
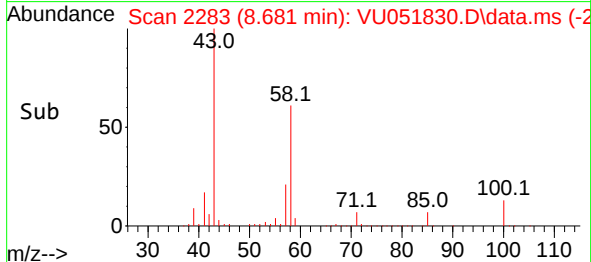
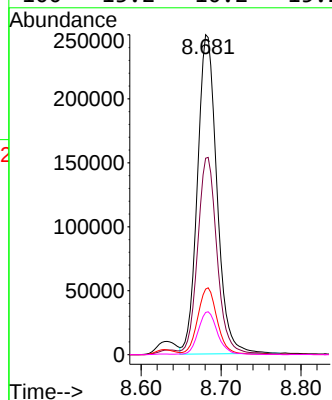
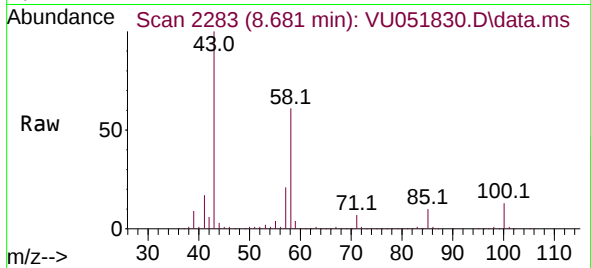


#48
2-Hexanone
Concen: 55.395 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 423728

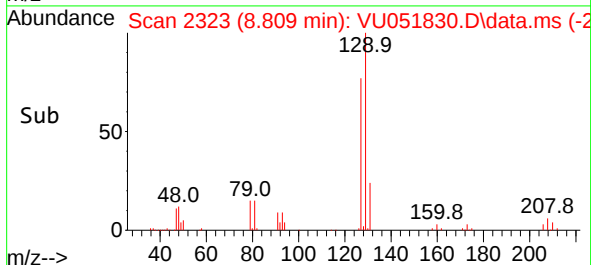
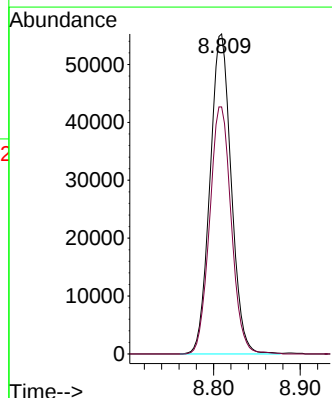
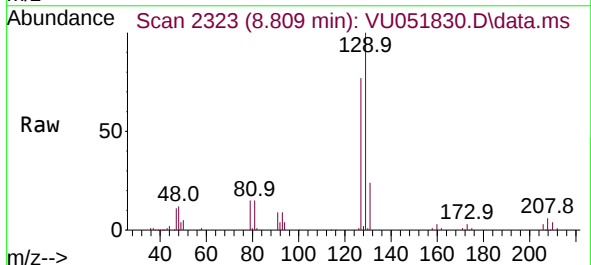
Ion	Ratio	Lower	Upper
43	100		
58	61.7	48.2	72.2
57	20.7	16.6	25.0
100	13.2	10.2	15.2

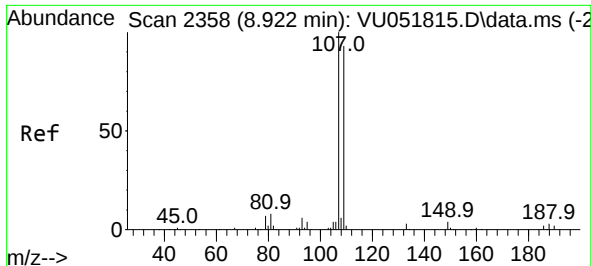


#49
Dibromochloromethane
Concen: 5.462 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion: 129 Resp: 94201

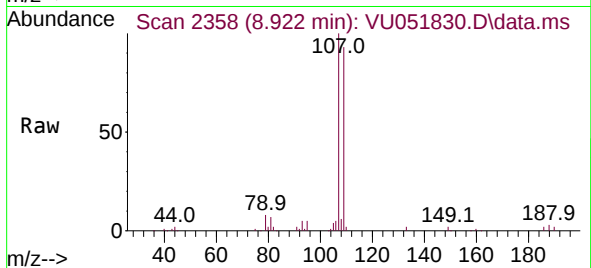
Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.8	101.8



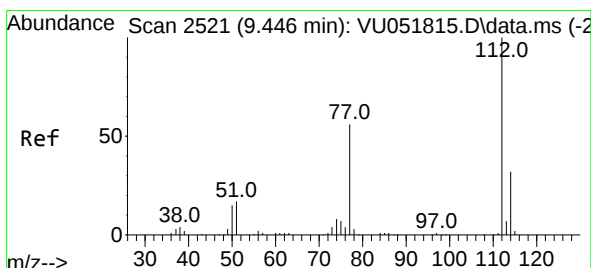
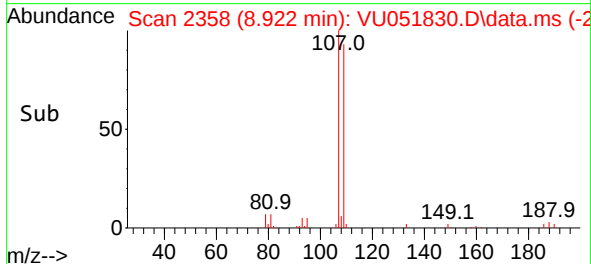
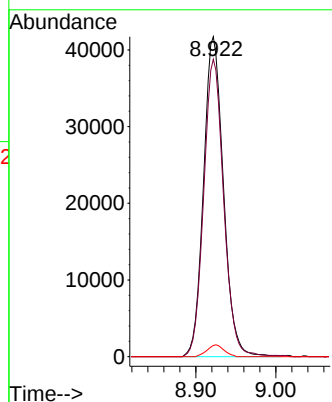


#50
1,2-Dibromoethane
Concen: 5.302 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Instrument :
MSVOA_U
ClientSampleId :

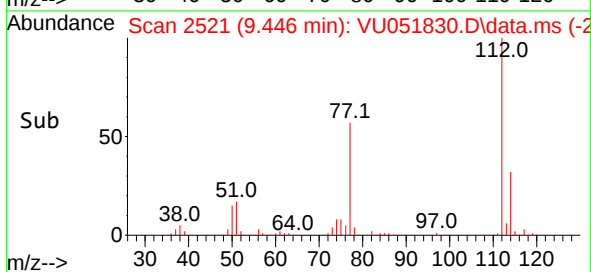
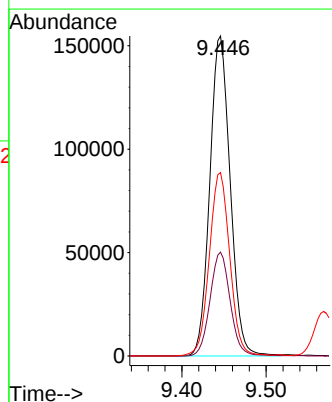
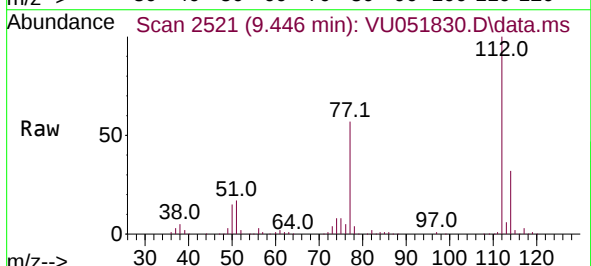


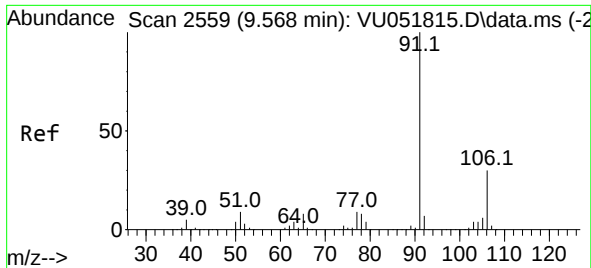
Tgt Ion:107 Resp: 72225
Ion Ratio Lower Upper
107 100
109 93.0 63.0 117.0
188 3.5 3.0 4.4



#51
Chlorobenzene
Concen: 5.028 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion:112 Resp: 260310
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 57.3 46.7 70.1

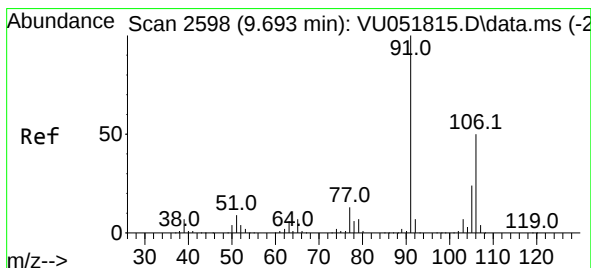
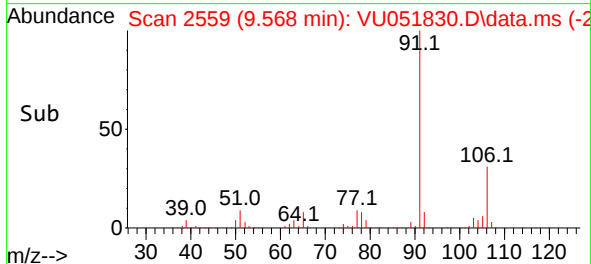
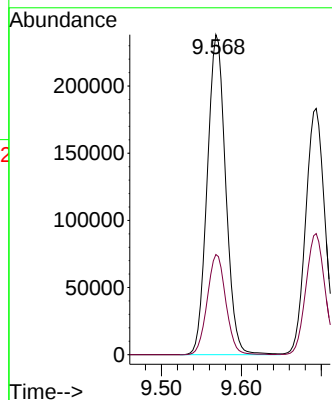
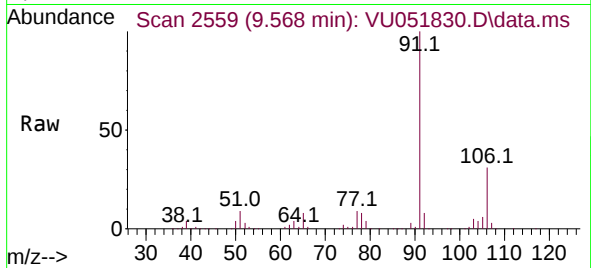




#52
Ethylbenzene
Concen: 4.821 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

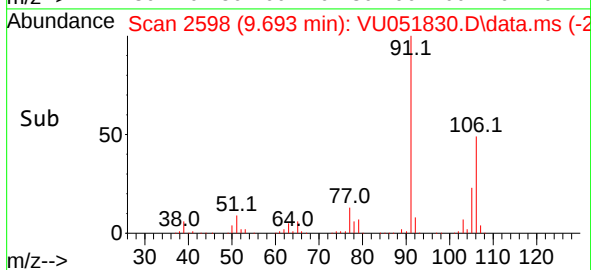
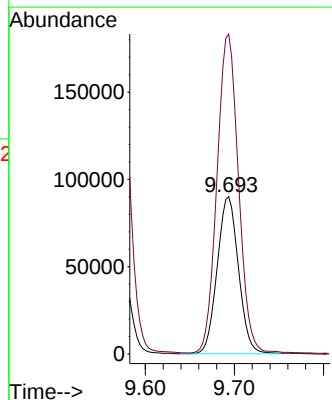
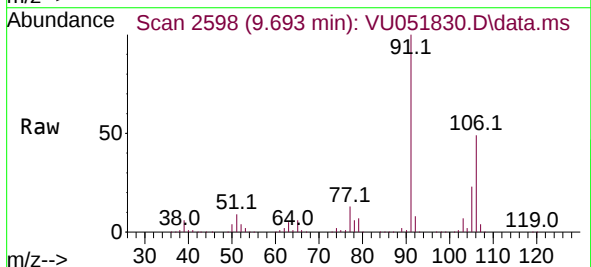
Instrument :
MSVOA_U
ClientSampleId :

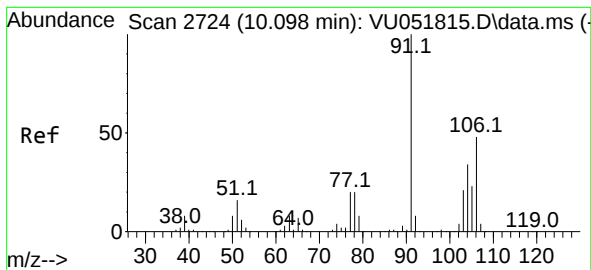
Tgt Ion: 91 Resp: 382673
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6



#53
m,p-Xylene
Concen: 4.843 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion: 106 Resp: 149329
Ion Ratio Lower Upper
106 100
91 203.4 139.4 259.0





#54

o-Xylene

Concen: 5.043 ug/L

RT: 10.099 min Scan# 2724

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

Instrument :

MSVOA_U

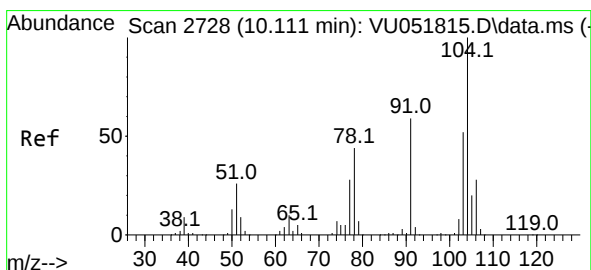
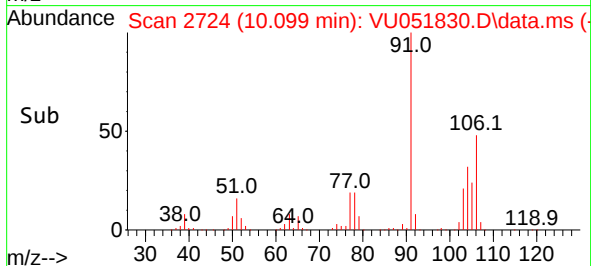
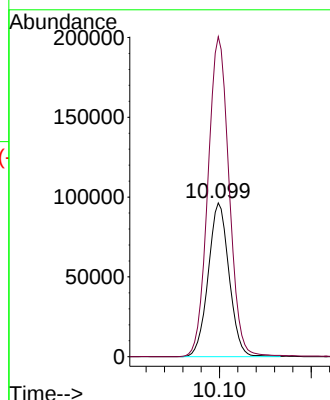
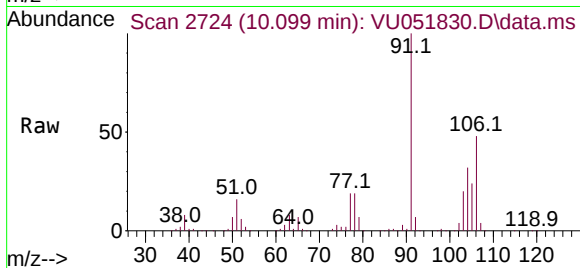
ClientSampleId :

Tgt Ion:106 Resp: 151944

Ion Ratio Lower Upper

106 100

91 208.1 149.2 277.2



#55

Styrene

Concen: 5.252 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.000 min

Lab File: VU051830.D

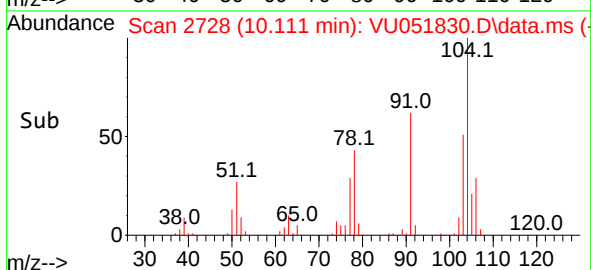
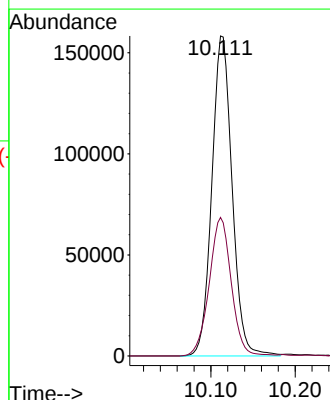
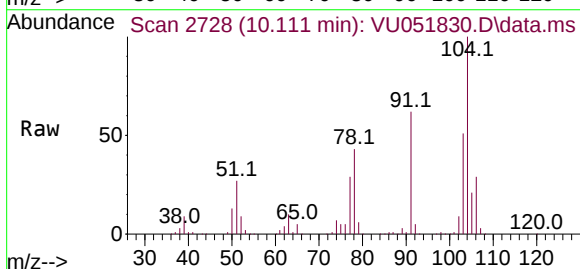
Acq: 14 Nov 2022 12:42

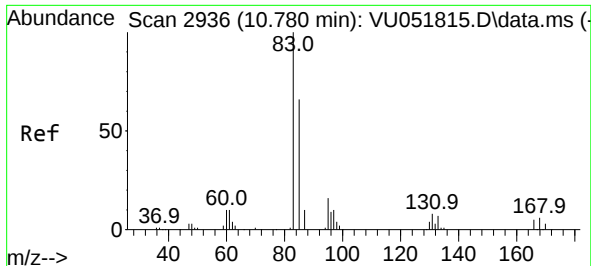
Tgt Ion:104 Resp: 264572

Ion Ratio Lower Upper

104 100

78 43.3 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.533 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

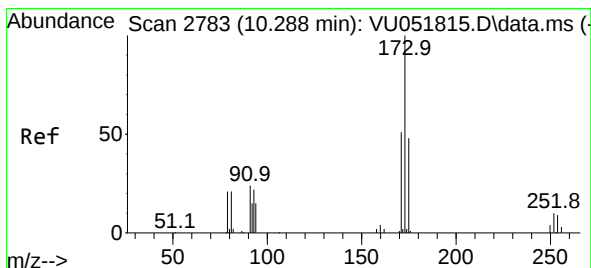
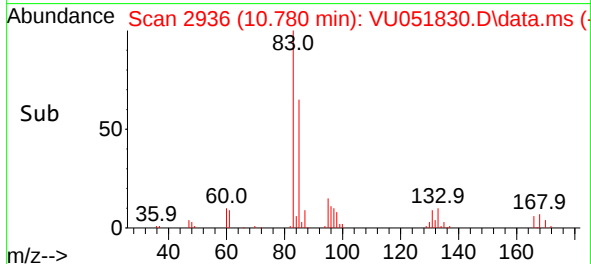
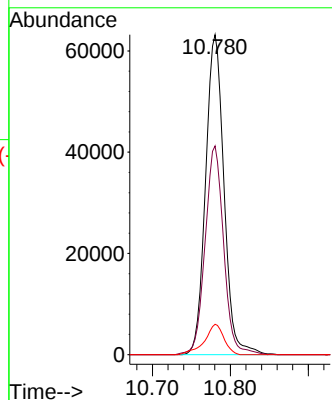
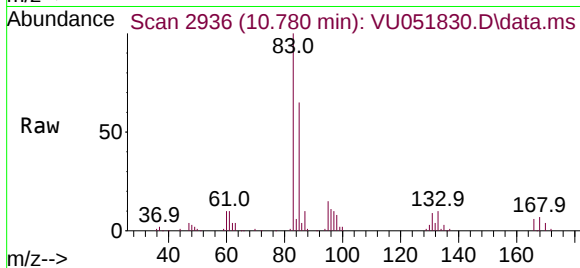
Tgt Ion: 83 Resp: 103583

Ion Ratio Lower Upper

83 100

85 65.2 44.9 83.5

131 9.5 7.8 11.8



#59

Bromoform

Concen: 5.897 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

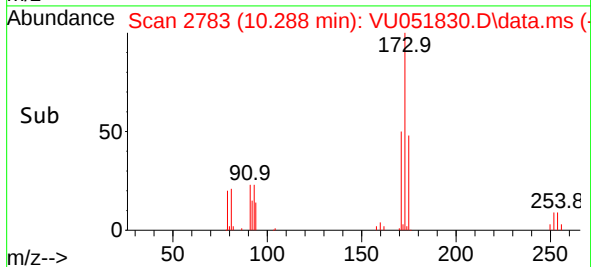
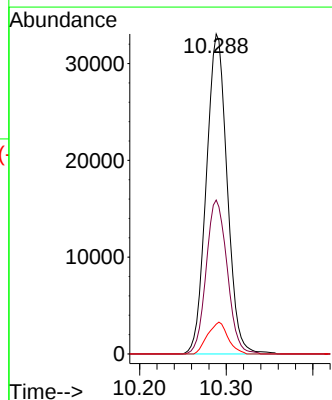
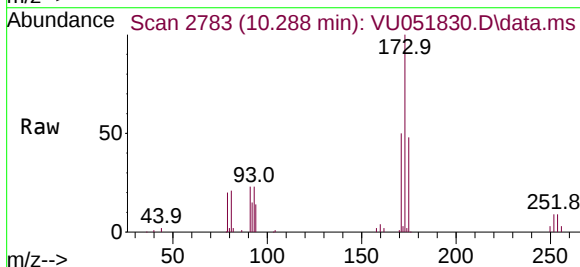
Tgt Ion:173 Resp: 55205

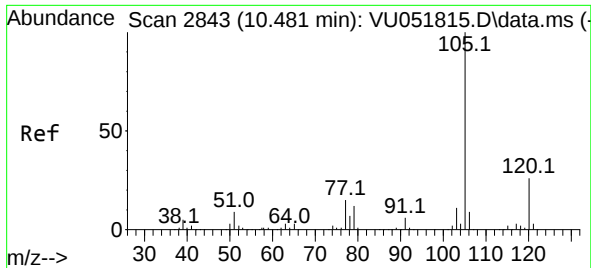
Ion Ratio Lower Upper

173 100

175 48.5 38.7 58.1

254 9.7 7.3 10.9

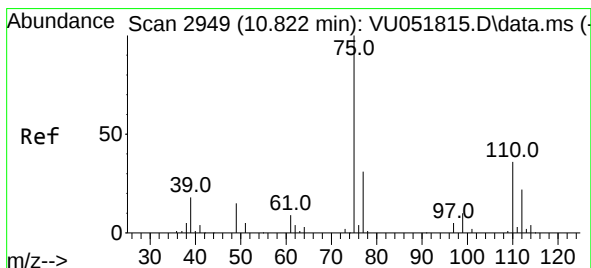
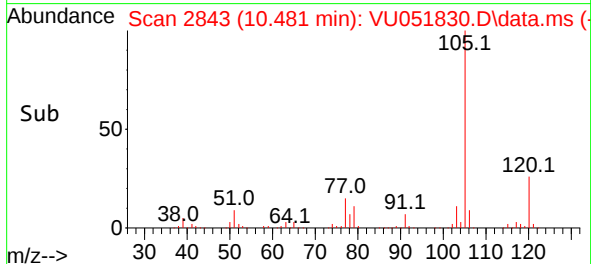
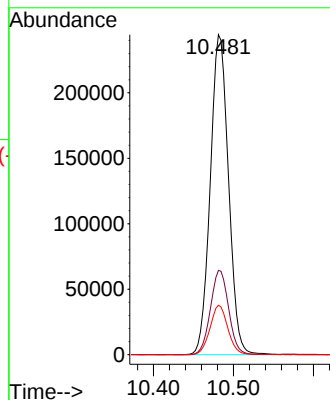
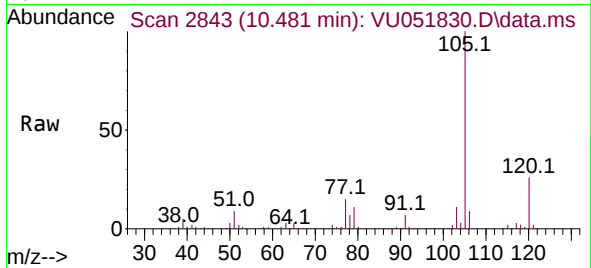




#60
Isopropylbenzene
Concen: 5.229 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

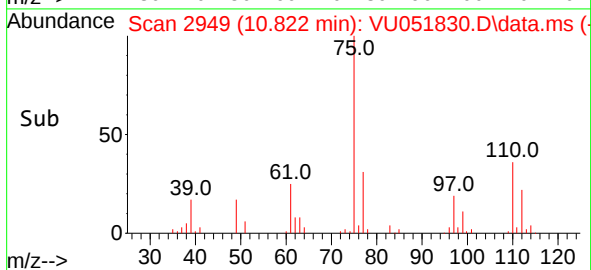
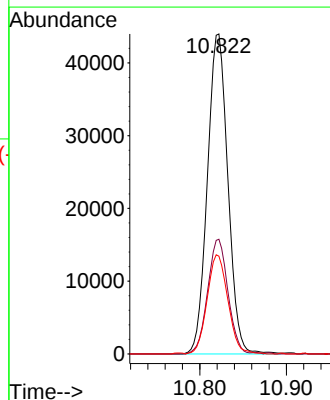
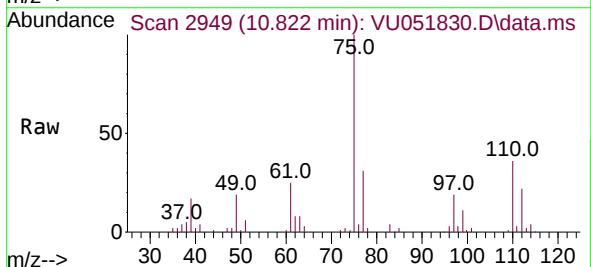
Instrument :
MSVOA_U
ClientSampleId :

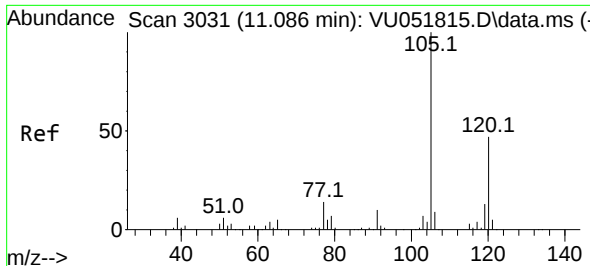
Tgt Ion:105 Resp: 386787
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.527 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion: 75 Resp: 72407
Ion Ratio Lower Upper
75 100
110 35.4 28.7 43.1
77 31.3 26.1 39.1

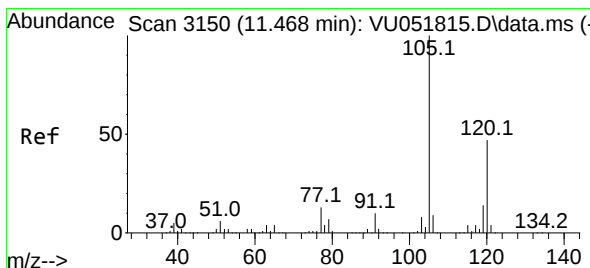
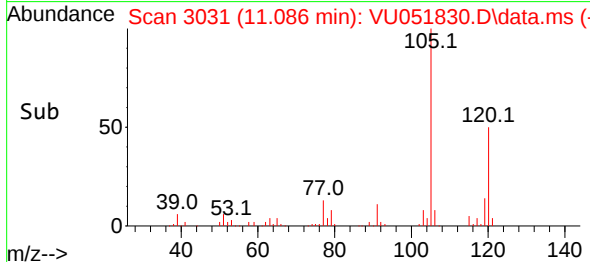
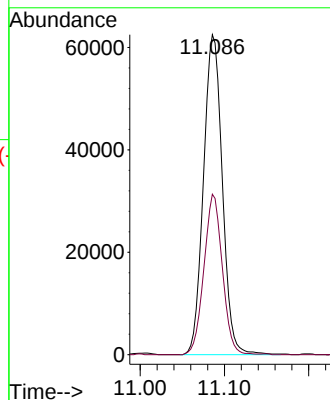
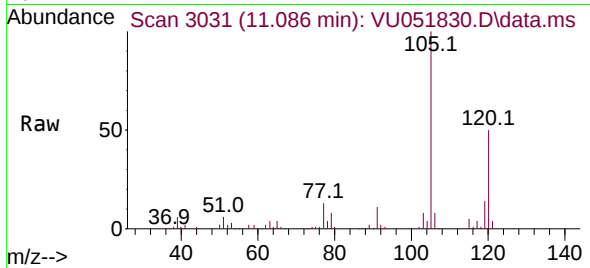




#62
 1,3,5-Trimethylbenzene
 Concen: 4.898 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051830.D
 Acq: 14 Nov 2022 12:42

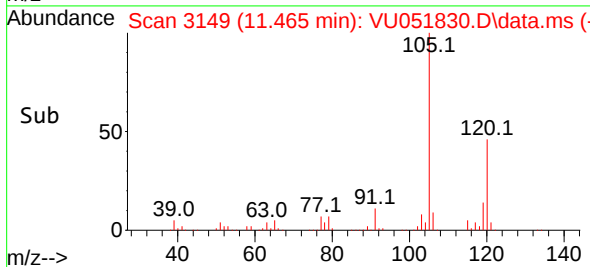
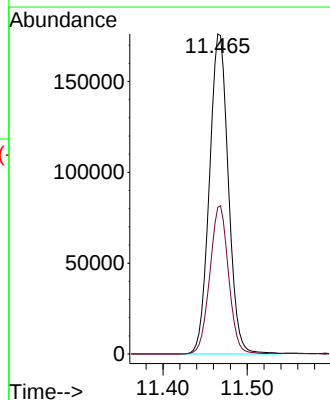
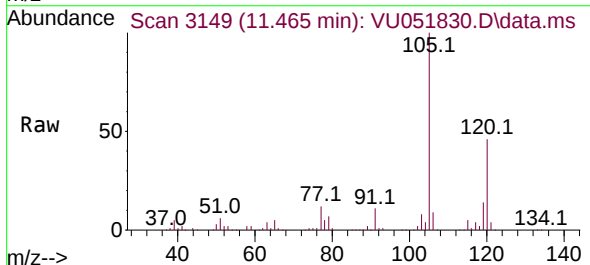
Instrument :
 MSVOA_U
 ClientSampleId :

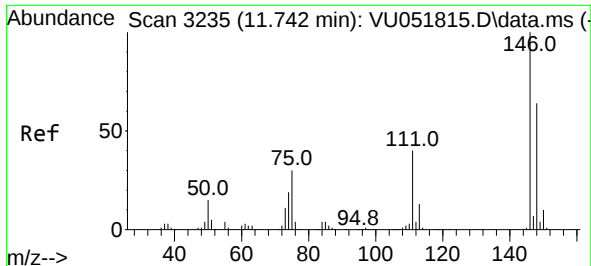
Tgt Ion:105 Resp: 97522
 Ion Ratio Lower Upper
 105 100
 120 49.0 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.793 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051830.D
 Acq: 14 Nov 2022 12:42

Tgt Ion:105 Resp: 275196
 Ion Ratio Lower Upper
 105 100
 120 45.7 35.8 53.6

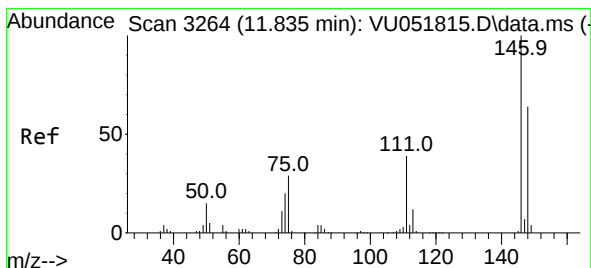
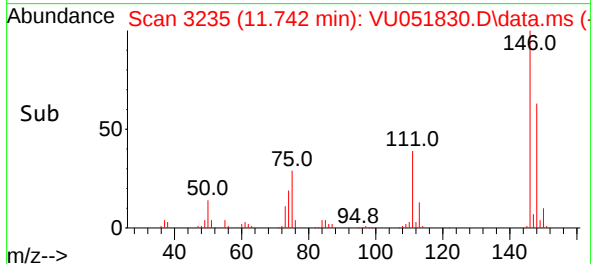
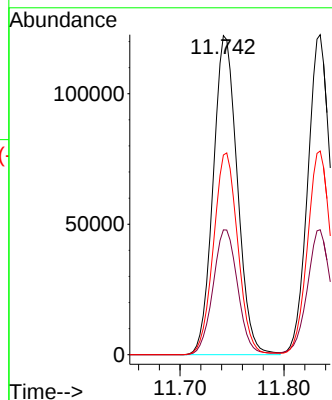
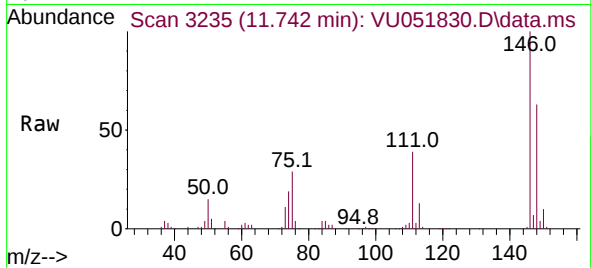




#64
1,3-Dichlorobenzene
Concen: 5.366 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

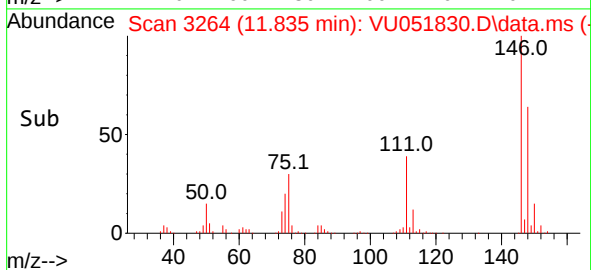
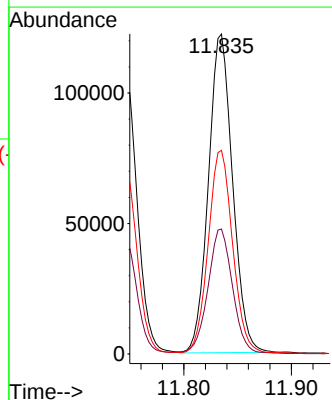
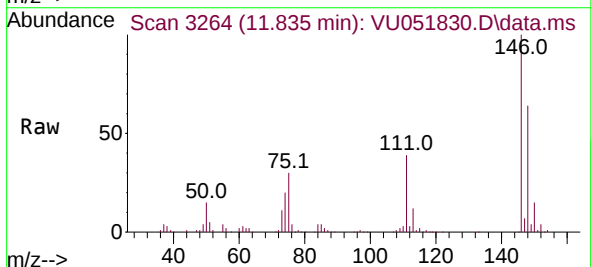
Instrument :
MSVOA_U
ClientSampleId :

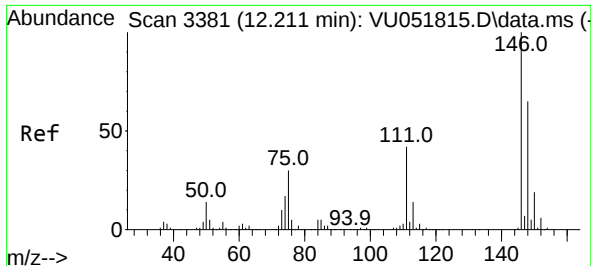
Tgt Ion:146 Resp: 197574
Ion Ratio Lower Upper
146 100
111 39.1 28.6 53.2
148 62.6 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.174 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion:146 Resp: 191014
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.5
148 63.7 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.354 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

Instrument :

MSVOA_U

ClientSampleId :

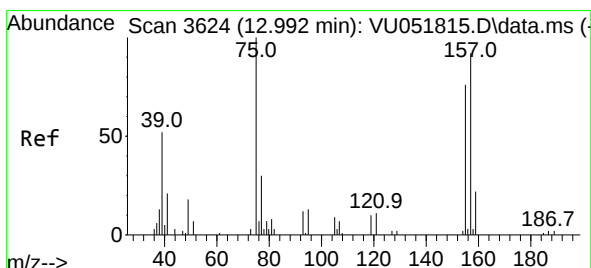
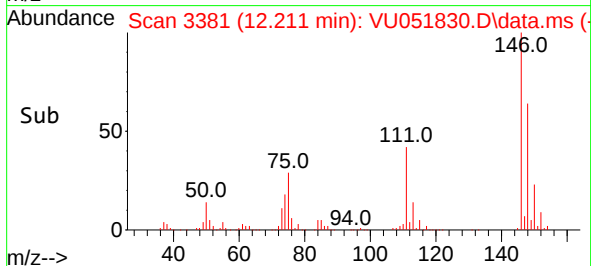
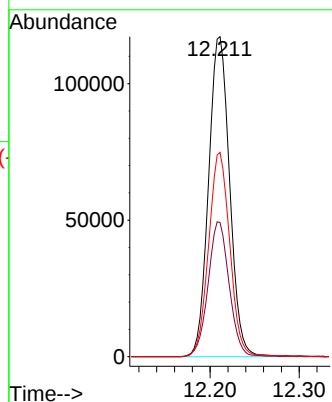
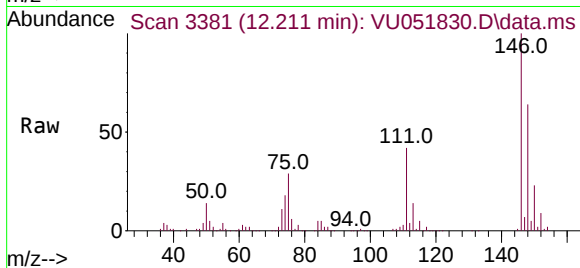
Tgt Ion:146 Resp: 192041

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.2

148 63.9 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.798 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU051830.D

Acq: 14 Nov 2022 12:42

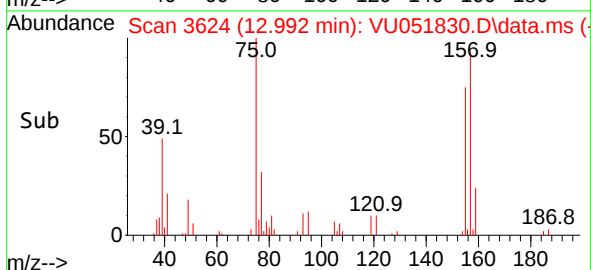
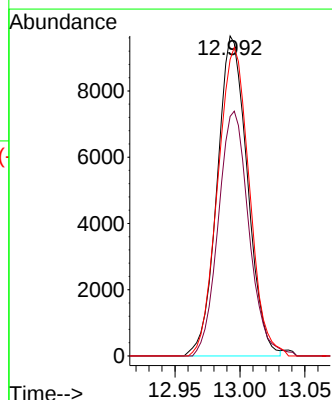
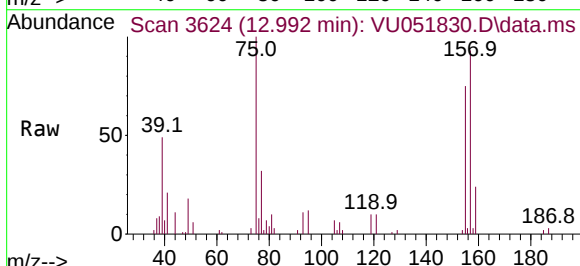
Tgt Ion: 75 Resp: 15642

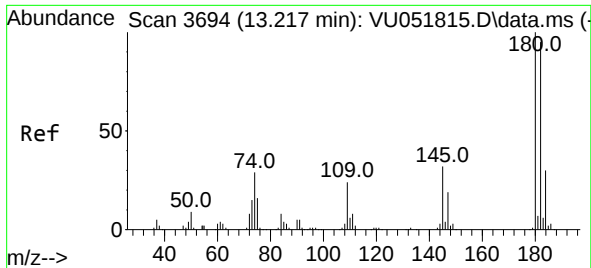
Ion Ratio Lower Upper

75 100

155 74.9 61.4 92.2

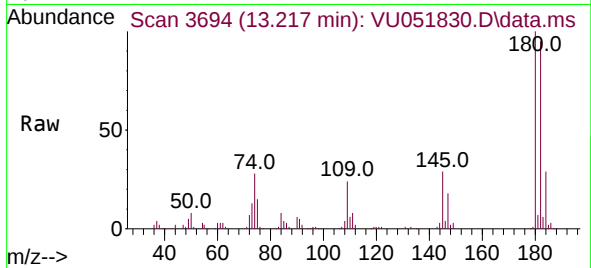
157 92.6 86.7 130.1



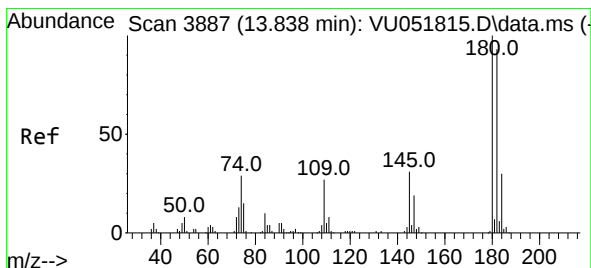
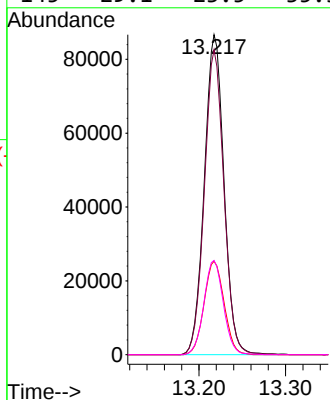
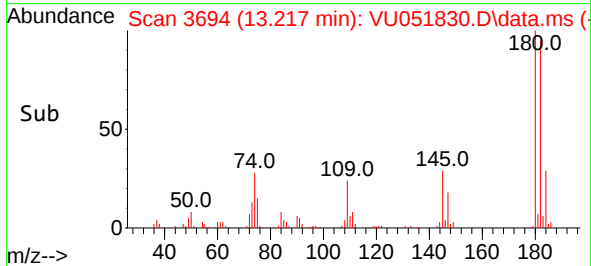


#69
1,3,5-Trichlorobenzene
Concen: 5.208 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

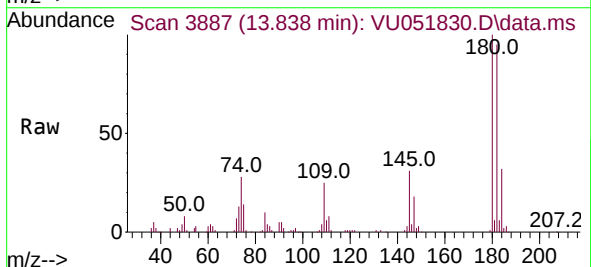
Instrument :
MSVOA_U
ClientSampleId :



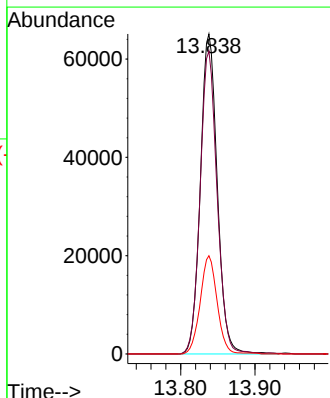
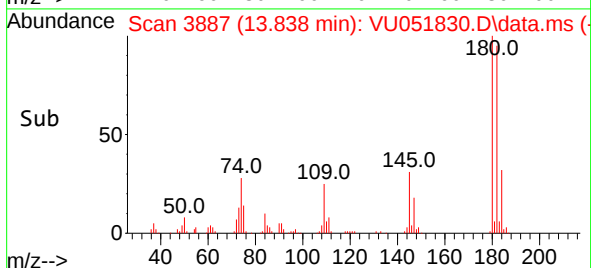
Tgt Ion:180 Resp: 136700
Ion Ratio Lower Upper
180 100
182 94.6 77.0 115.6
184 29.7 23.7 35.5
145 29.1 23.5 35.3

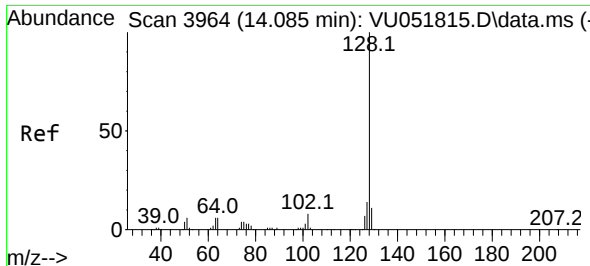


#70
1,2,4-trichlorobenzene
Concen: 5.100 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42



Tgt Ion:180 Resp: 102757
Ion Ratio Lower Upper
180 100
182 95.1 77.8 116.6
145 30.8 25.0 37.6

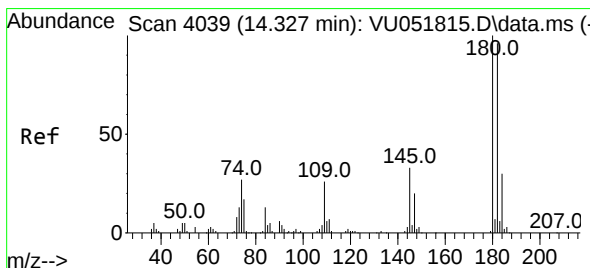
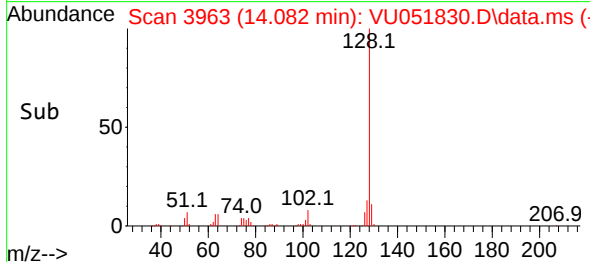
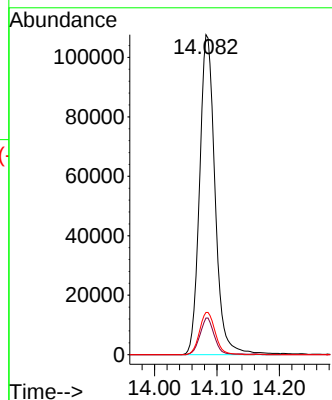
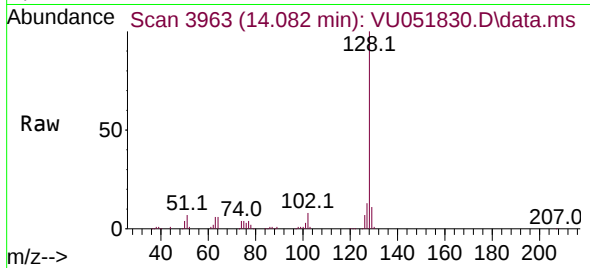




#71
Naphthalene
Concen: 4.941 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 185853
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.4 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.236 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051830.D
Acq: 14 Nov 2022 12:42

Tgt Ion:180 Resp: 106539
Ion Ratio Lower Upper
180 100
182 95.5 76.1 114.1
145 31.4 25.6 38.4

