

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012022\
 Data File : VU046802.D
 Acq On : 20 Jan 2022 10:14
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 20 14:41:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98619	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	40783	4.880	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.919	69	32673	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.571	65	16141	4.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	4.655	46	128758	52.010	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.020%
24) Chloroform-d	5.067	84	73946	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.706	65	40690	5.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.729	84	147225	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.693	67	45067	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.899	98	134951	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.182	79	18596	4.628	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.639	63	121526	51.082	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45107	4.911	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	50935	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	55120	5.942	ug/L	98
3) Chloromethane	1.520	50	47018	6.155	ug/L	98
5) Vinyl chloride	1.607	62	46269	5.818	ug/L	100
6) Bromomethane	1.861	94	27537	5.534	ug/L	98
8) Chloroethane	1.938	64	26900	5.876	ug/L	98
9) Trichlorofluoromethane	2.144	101	58235	6.009	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	31677	5.497	ug/L	95
12) 1,1-Dichloroethene	2.584	96	31137	5.654	ug/L	82
13) Acetone	2.681	43	64874	48.181	ug/L	64
14) Carbon disulfide	2.797	76	98182	5.429	ug/L	98
15) Methyl Acetate	2.970	43	12233	4.159	ug/L #	77
16) Methylene chloride	3.051	84	39531	5.944	ug/L	94
17) Methyl tert-butyl Ether	3.366	73	84181	5.449	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	33176	5.562	ug/L	94
19) 1,1-Dichloroethane	3.874	63	57994	5.792	ug/L	98
21) 2-Butanone	4.729	43	106145	49.017	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	36629	5.822	ug/L	98
23) Bromochloromethane	4.976	128	17134	5.535	ug/L	92
25) Chloroform	5.092	83	63511	3.996	ug/L	98

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 ClientSampleId :

Quant Time: Jan 20 14:41:50 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

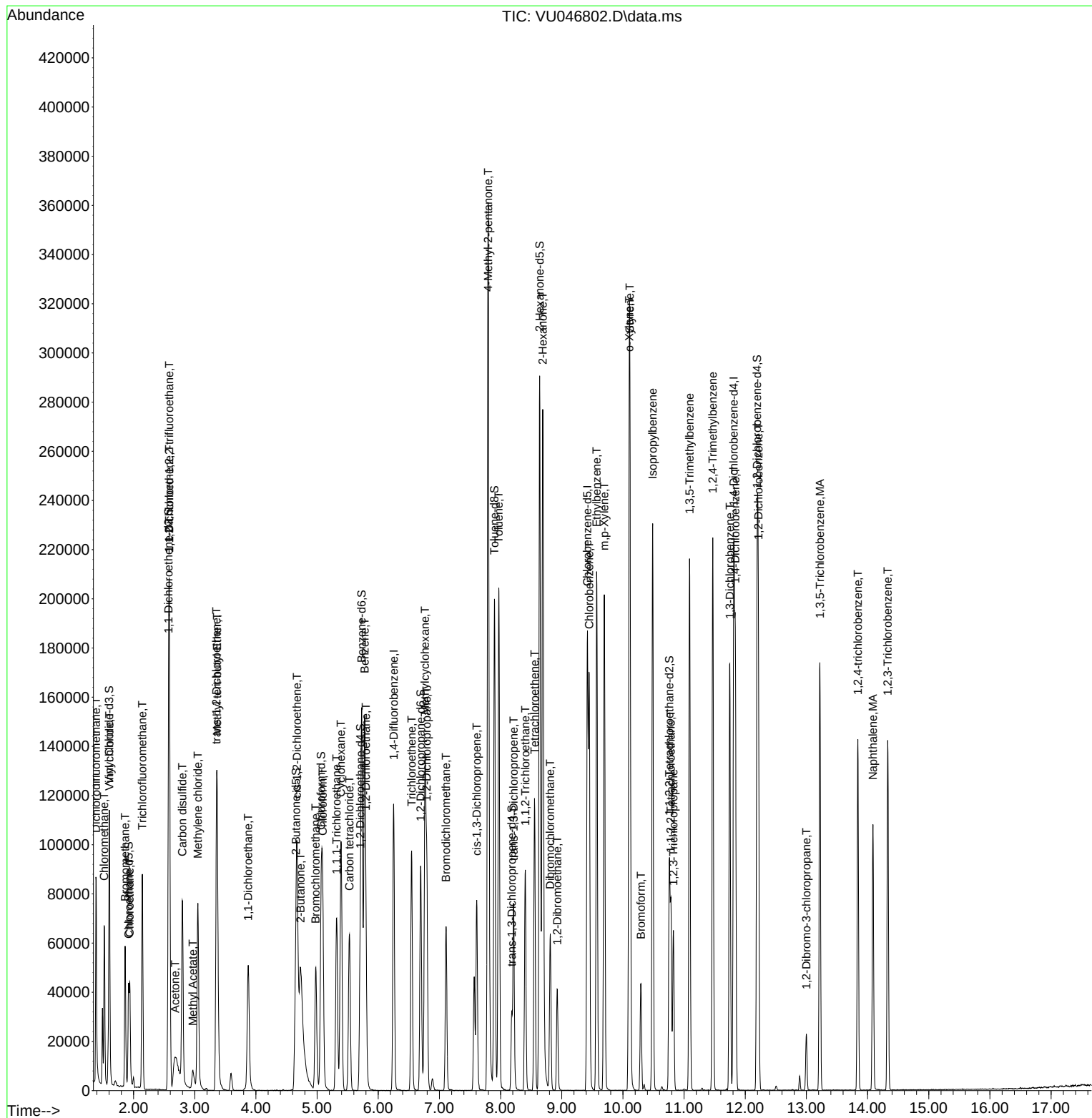
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	42642	6.079	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	52702	5.644	ug/L	98
30) Cyclohexane	5.391	56	51002	5.385	ug/L	95
31) Carbon tetrachloride	5.530	117	45631	5.695	ug/L	98
33) Benzene	5.777	78	137231	5.622	ug/L	100
34) Trichloroethene	6.546	95	34102	5.381	ug/L	97
35) Methylcyclohexane	6.764	83	55320	5.211	ug/L	95
37) 1,2-Dichloropropane	6.793	63	34752	5.803	ug/L	98
38) Bromodichloromethane	7.108	83	45993	5.337	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	48410	5.182	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	242297	55.194	ug/L	94
42) Toluene	7.970	91	152408	5.224	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	43747	5.256	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	28932	5.679	ug/L	95
47) Tetrachloroethene	8.555	164	26866	5.212	ug/L	90
48) 2-Hexanone	8.690	43	176098	53.144	ug/L #	94
49) Dibromochloromethane	8.812	129	33838	5.631	ug/L	96
50) 1,2-Dibromoethane	8.928	107	28195	5.460	ug/L #	100
51) Chlorobenzene	9.449	112	91747	5.415	ug/L	97
52) Ethylbenzene	9.571	91	151347	5.456	ug/L	99
53) m,p-Xylene	9.697	106	59849	5.412	ug/L	96
54) o-Xylene	10.102	106	58233	5.433	ug/L	100
55) Styrene	10.115	104	97734	5.574	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	37918	5.535	ug/L	95
59) Bromoform	10.295	173	20240	5.656	ug/L	99
60) Isopropylbenzene	10.488	105	152498	5.634	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28193	5.726	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	121327	5.461	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	127715	5.586	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	72999	5.396	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	72862	5.351	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	69805	5.334	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	6043	5.913	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	54435	5.103	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	42854	4.805	ug/L	98
71) Naphthalene	14.089	128	87057	4.795	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	43396	5.152	ug/L	99

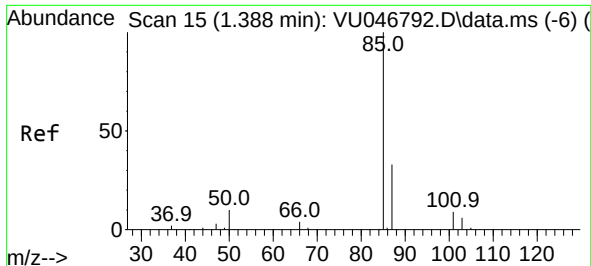
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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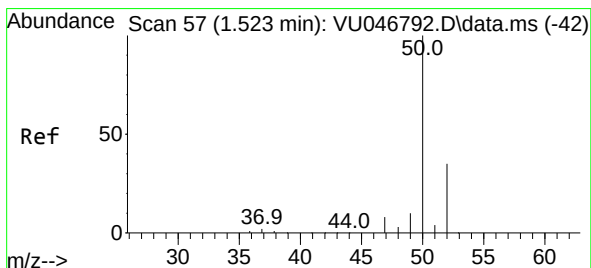
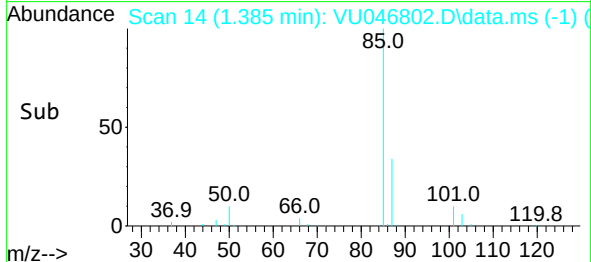
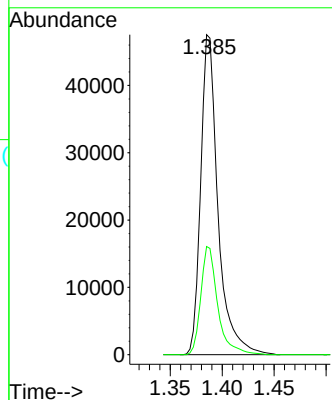
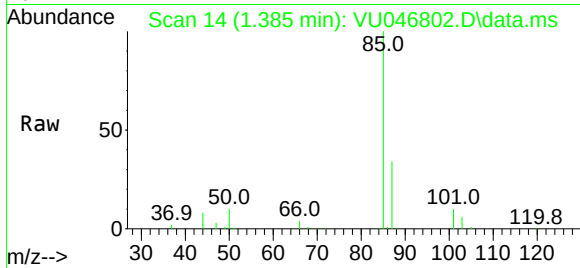




#2
 Dichlorodifluoromethane
 Concen: 5.942 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU046802.D
 Acq: 20 Jan 2022 10:14

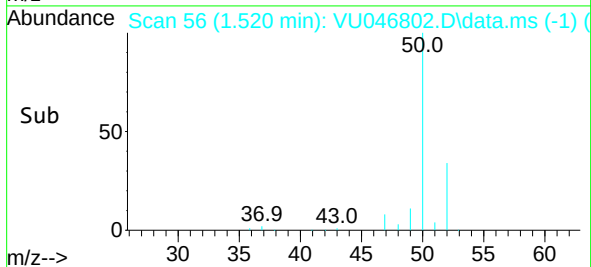
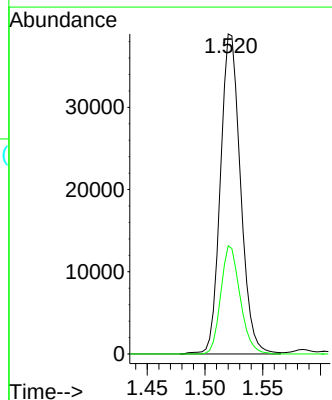
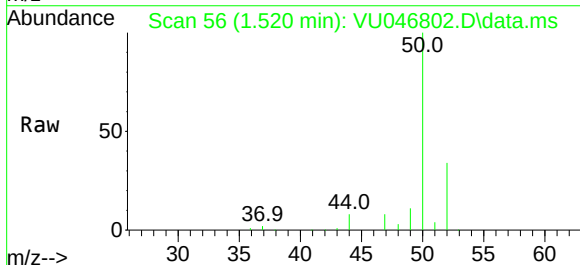
Instrument :
 MSVOA_U
 ClientSampleId :

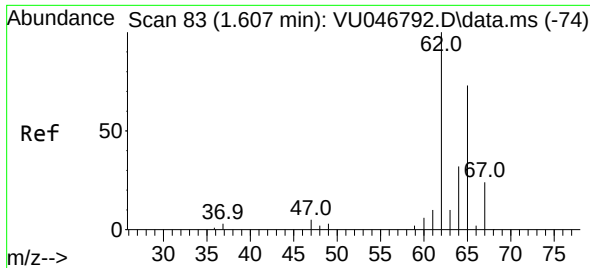
Tgt Ion: 85 Resp: 55120
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 6.155 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU046802.D
 Acq: 20 Jan 2022 10:14

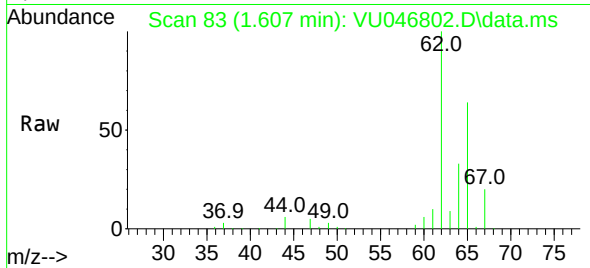
Tgt Ion: 50 Resp: 47018
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.8



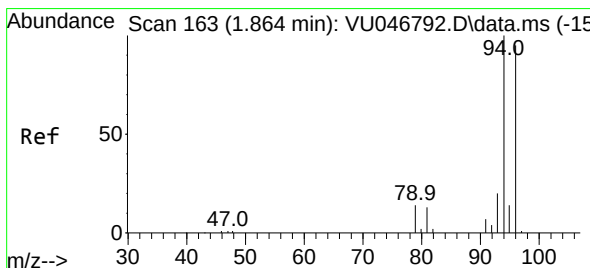
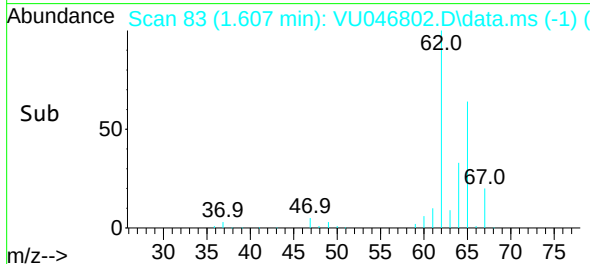
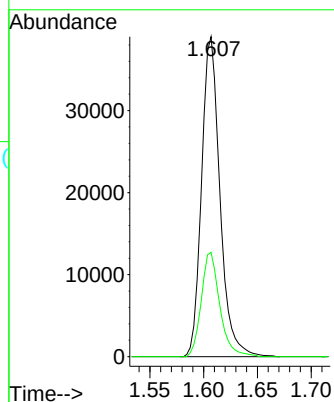


#5
 Vinyl chloride
 Concen: 5.818 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046802.D
 Acq: 20 Jan 2022 10:14

Instrument :
 MSVOA_U
 ClientSampleId :

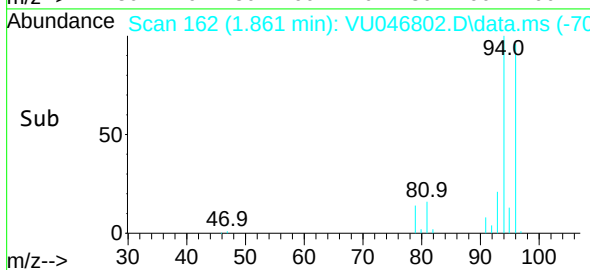
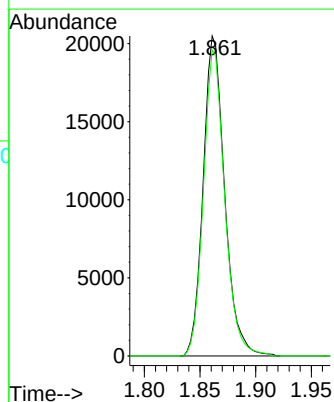
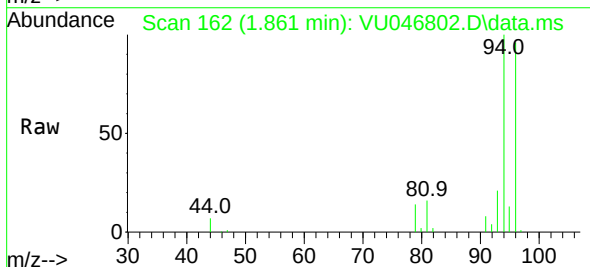


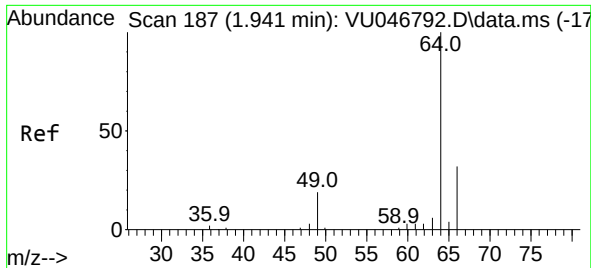
Tgt Ion: 62 Resp: 46269
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.9 42.5



#6
 Bromomethane
 Concen: 5.534 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU046802.D
 Acq: 20 Jan 2022 10:14

Tgt Ion: 94 Resp: 27537
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.5 121.6

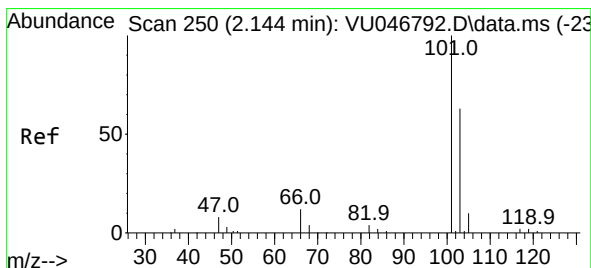
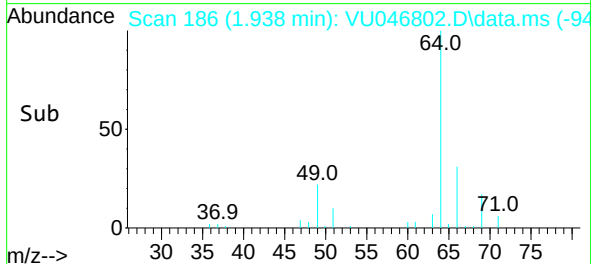
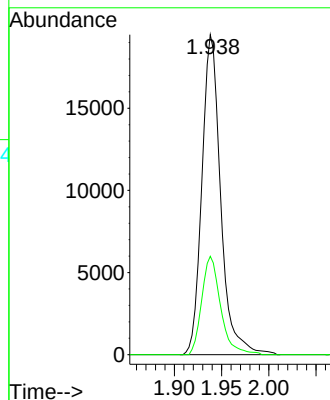
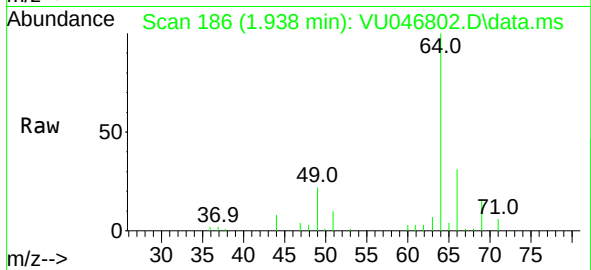




#8
Chloroethane
Concen: 5.876 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

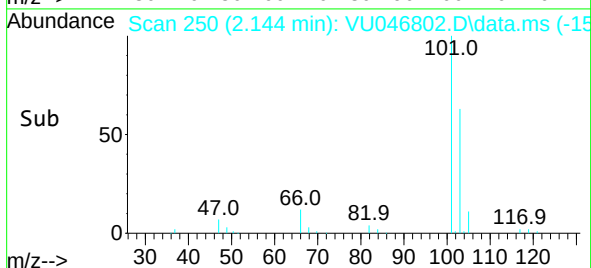
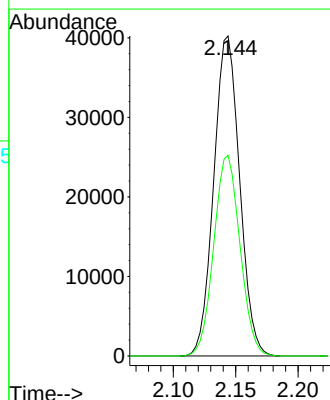
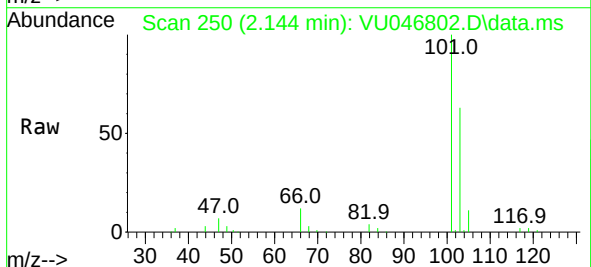
Instrument :
MSVOA_U
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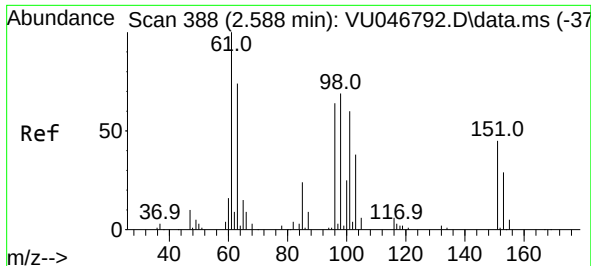
Tgt Ion: 64 Resp: 26900
Ion Ratio Lower Upper
64 100
66 30.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.009 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion:101 Resp: 58235
Ion Ratio Lower Upper
101 100
103 63.5 51.5 77.3

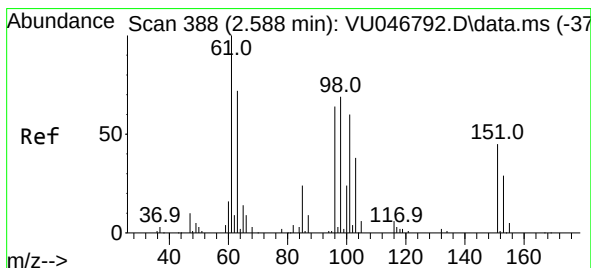
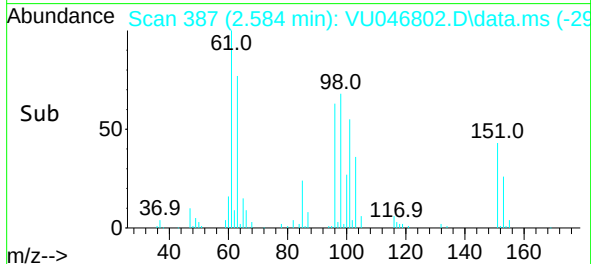
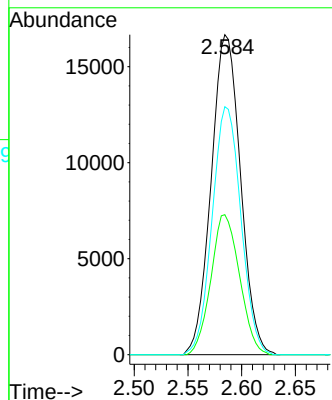
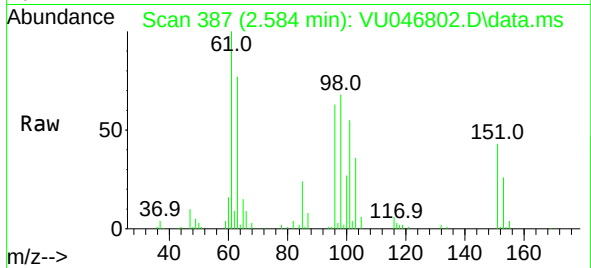




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.497 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

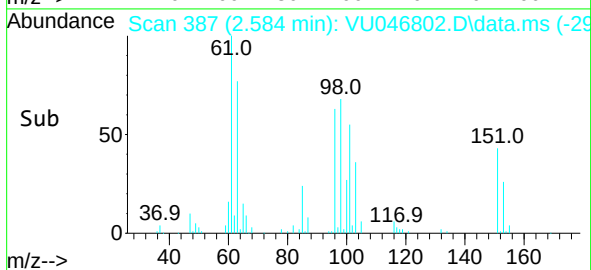
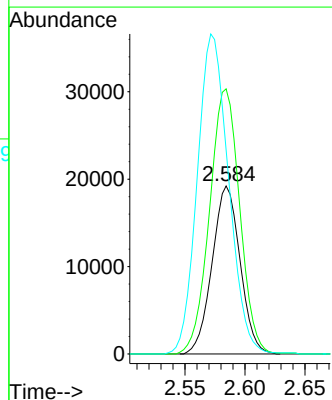
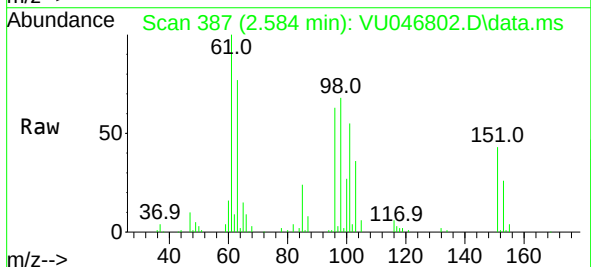
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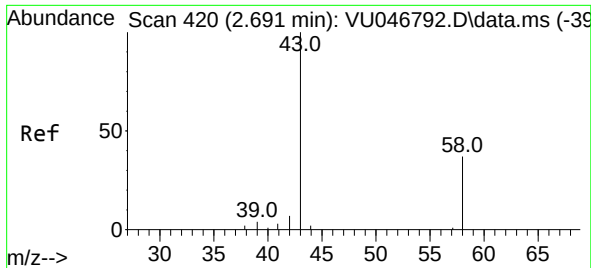
Tgt Ion:101 Resp: 31677
Ion Ratio Lower Upper
101 100
85 42.7 34.6 51.8
151 75.9 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.654 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion: 96 Resp: 31137
Ion Ratio Lower Upper
96 100
61 157.9 124.7 231.5
63 121.4 105.2 195.4





#13

Acetone

Concen: 48.181 ug/L

RT: 2.681 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

Instrument :

MSVOA_U

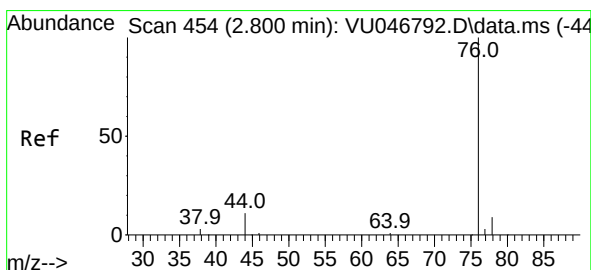
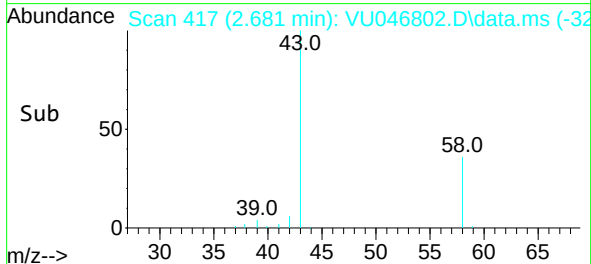
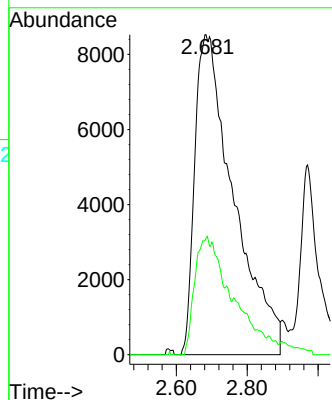
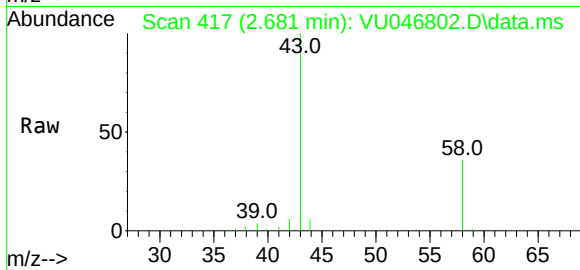
ClientSampleId :

Tgt Ion: 43 Resp: 64874

Ion Ratio Lower Upper

43 100

58 14.6 0.0 71.6



#14

Carbon disulfide

Concen: 5.429 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046802.D

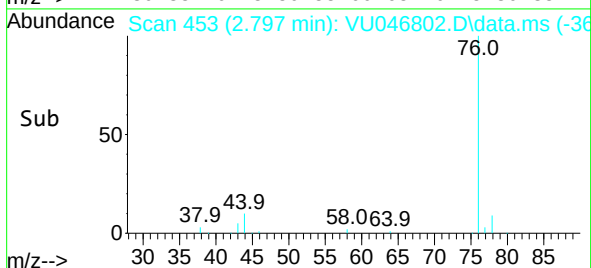
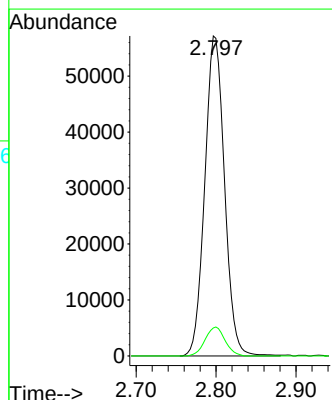
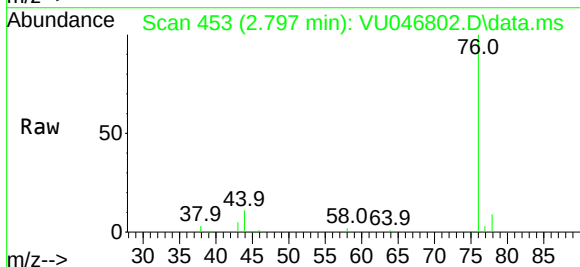
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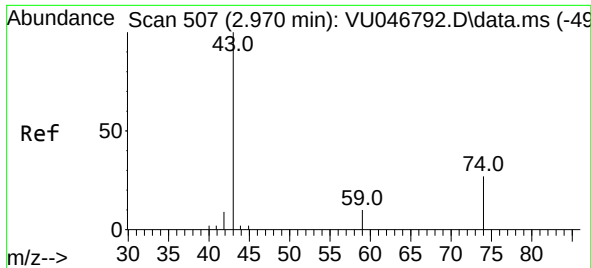
Tgt Ion: 76 Resp: 98182

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

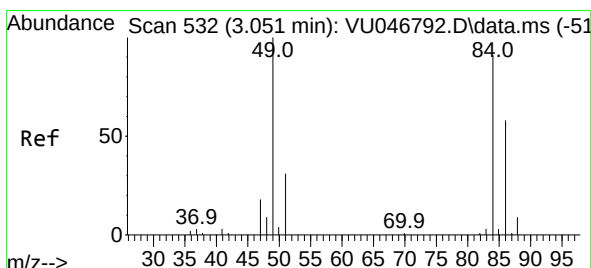
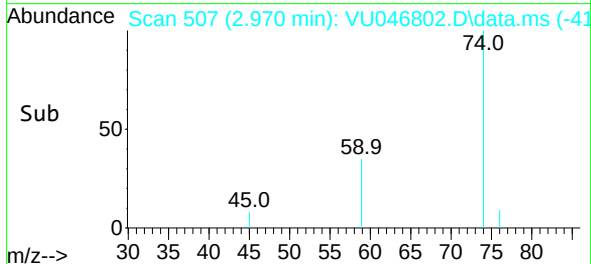
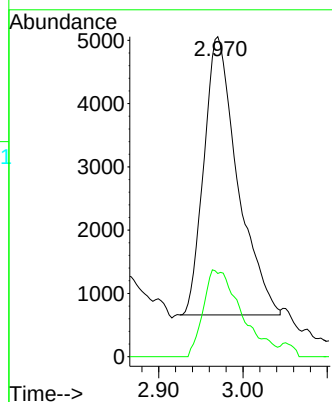
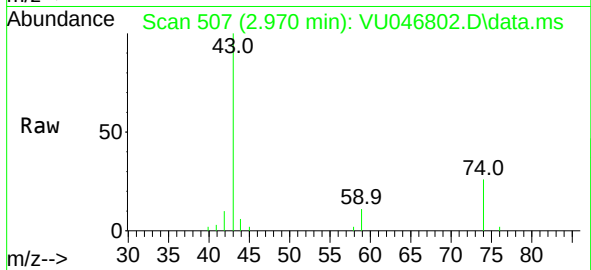




#15
Methyl Acetate
Concen: 4.159 ug/L
RT: 2.970 min Scan# 507
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

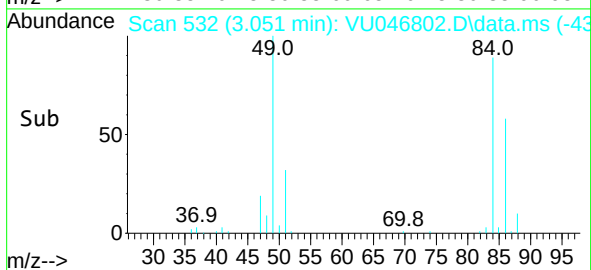
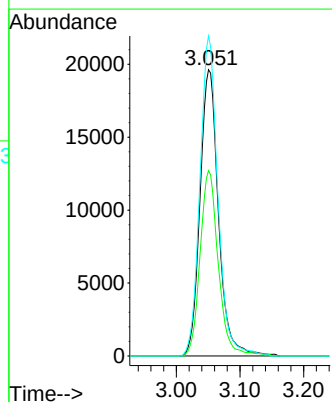
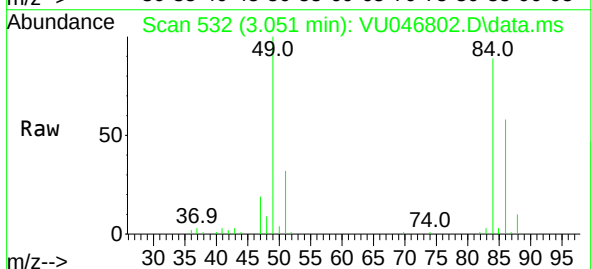
Instrument :
MSVOA_U
ClientSampleId :

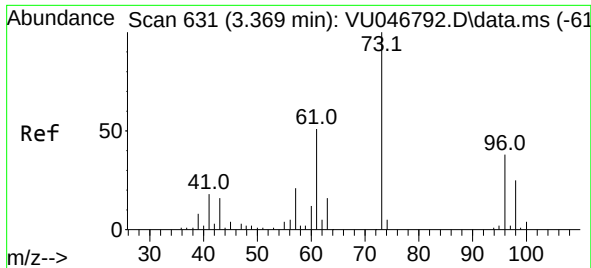
Tgt Ion: 43 Resp: 12233
Ion Ratio Lower Upper
43 100
74 35.4 19.1 28.7#



#16
Methylene chloride
Concen: 5.944 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion: 84 Resp: 39531
Ion Ratio Lower Upper
84 100
86 64.7 45.8 85.0
49 111.8 84.5 156.9

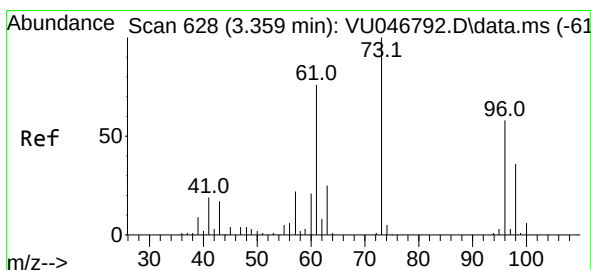
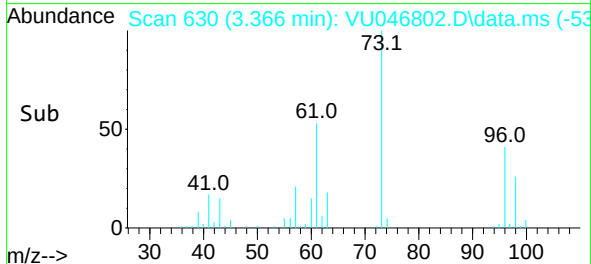
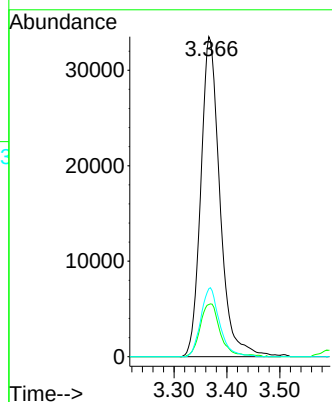
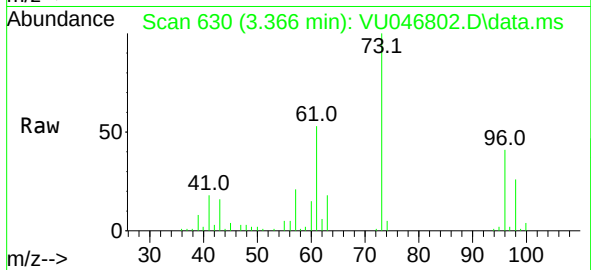




#17
Methyl tert-butyl Ether
Concen: 5.449 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

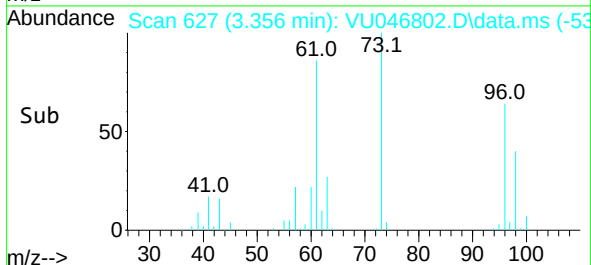
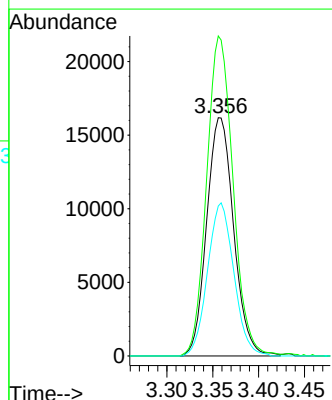
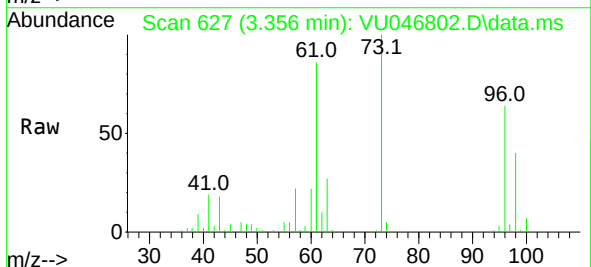
Instrument :
MSVOA_U
ClientSampleId :

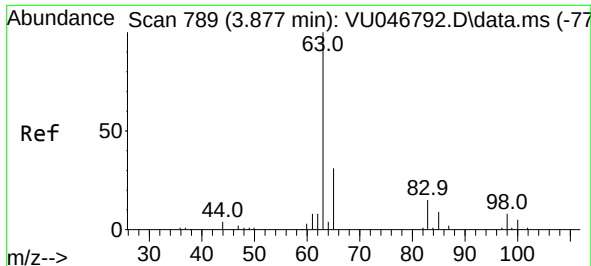
Tgt Ion: 73 Resp: 84181
Ion Ratio Lower Upper
73 100
43 17.1 14.8 22.2
57 21.0 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.562 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion: 96 Resp: 33176
Ion Ratio Lower Upper
96 100
61 134.3 100.8 187.2
98 62.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.792 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

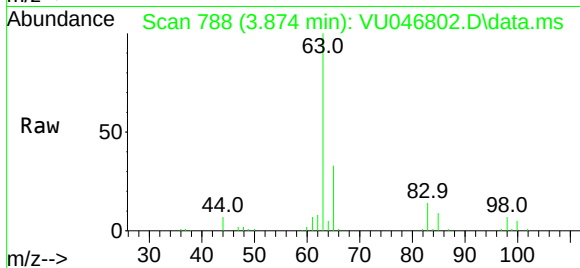
Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

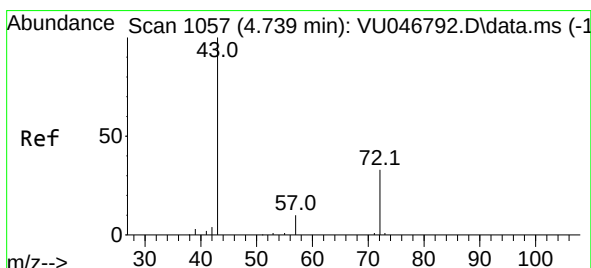
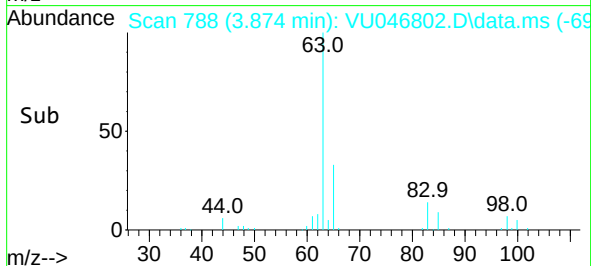
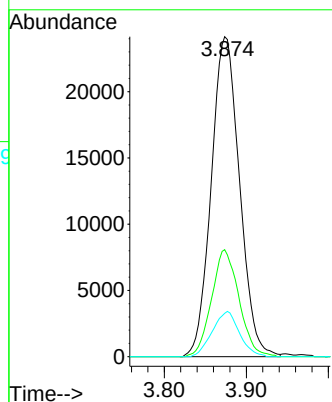
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	57994
Ion	Ratio	Lower	Upper
63	100		
65	33.4	22.3	41.5
83	13.5	9.6	17.8



#21

2-Butanone

Concen: 49.017 ug/L

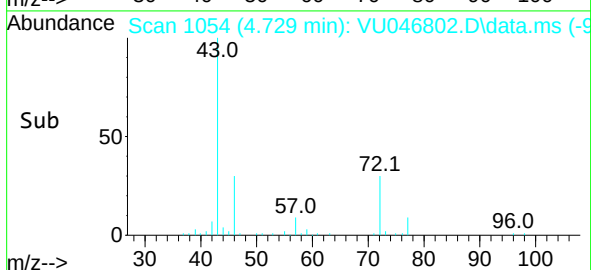
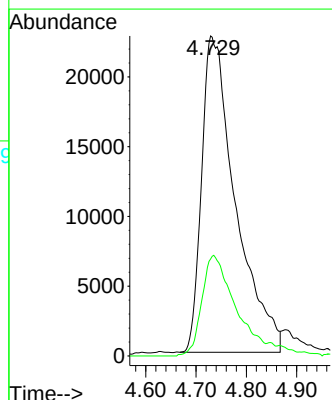
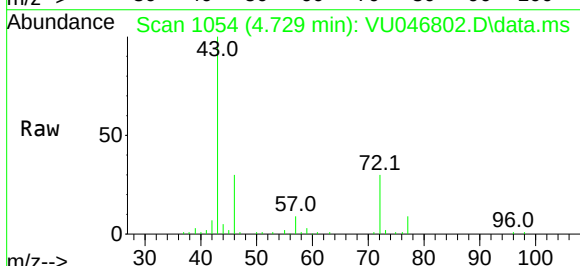
RT: 4.729 min Scan# 1054

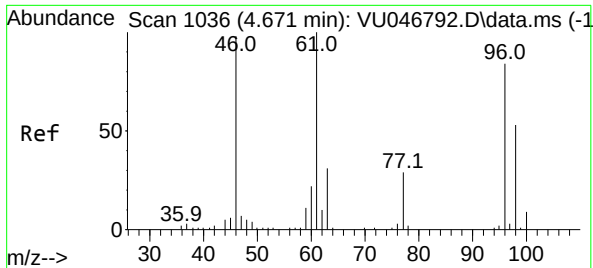
Delta R.T. -0.010 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

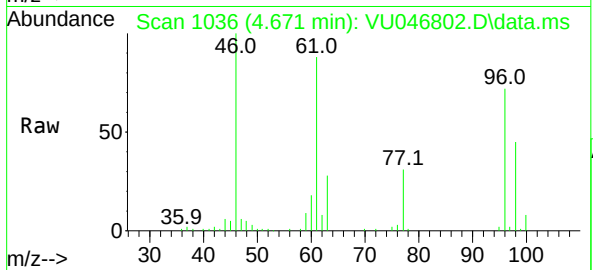
Tgt Ion:	43	Resp:	106145
Ion	Ratio	Lower	Upper
43	100		
72	31.1	14.1	42.3



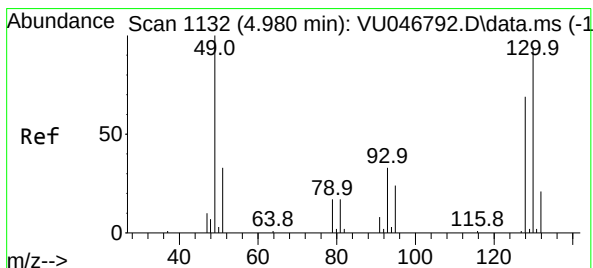
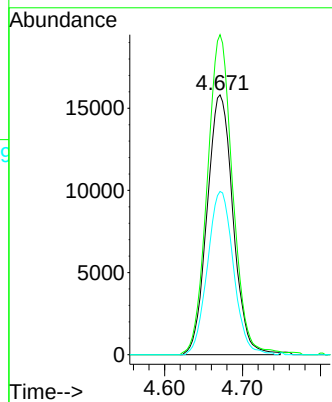
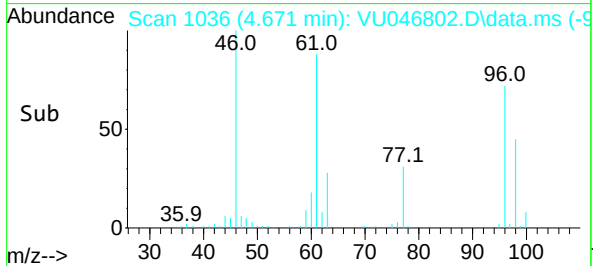


#22
 cis-1,2-Dichloroethene
 Concen: 5.822 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU046802.D
 Acq: 20 Jan 2022 10:14

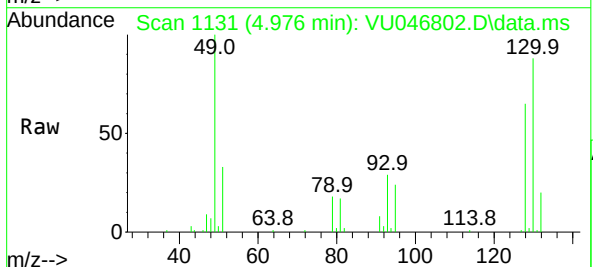
Instrument :
 MSVOA_U
 ClientSampleId :



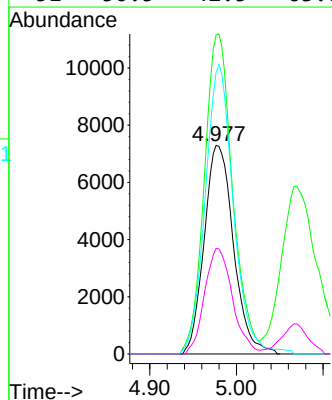
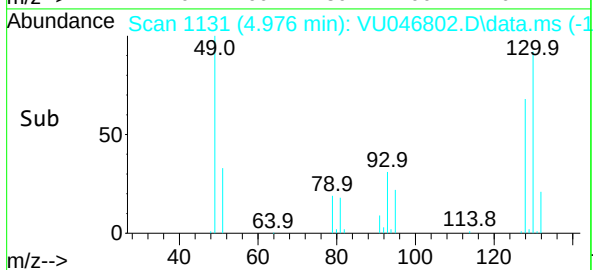
Tgt Ion: 96 Resp: 36629
 Ion Ratio Lower Upper
 96 100
 61 123.2 88.5 164.3
 98 62.8 44.4 82.5

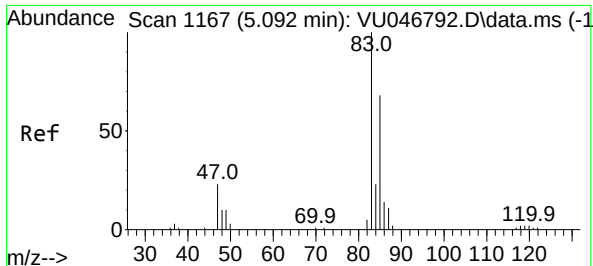


#23
 Bromochloromethane
 Concen: 5.535 ug/L
 RT: 4.976 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU046802.D
 Acq: 20 Jan 2022 10:14



Tgt Ion: 128 Resp: 17134
 Ion Ratio Lower Upper
 128 100
 49 153.0 117.0 217.2
 130 134.9 88.2 163.8
 51 50.5 42.5 63.7





#25

Chloroform

Concen: 3.996 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

Instrument :

MSVOA_U

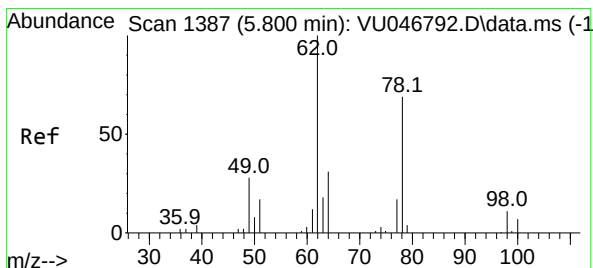
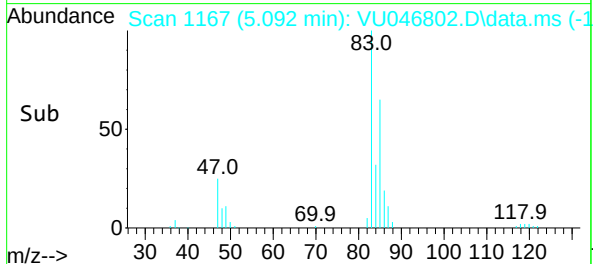
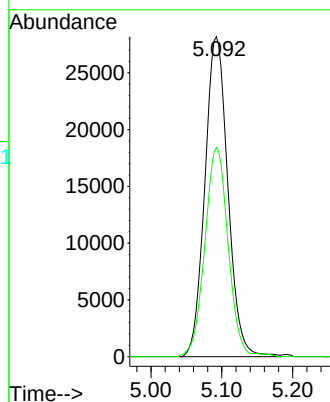
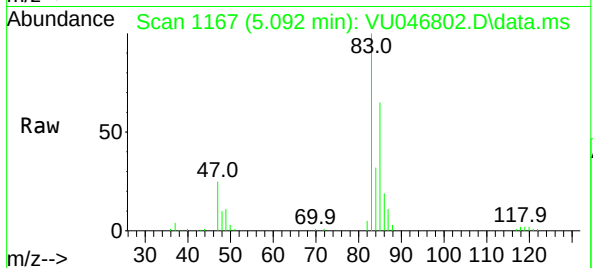
ClientSampleId :

Tgt Ion: 83 Resp: 63511

Ion Ratio Lower Upper

83 100

85 65.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 6.079 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046802.D

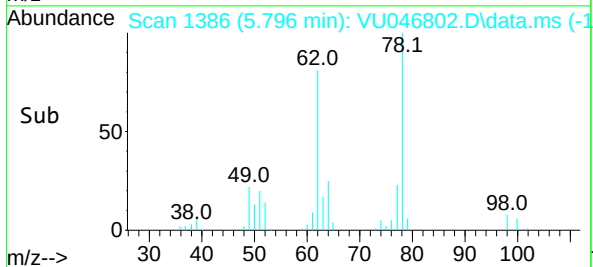
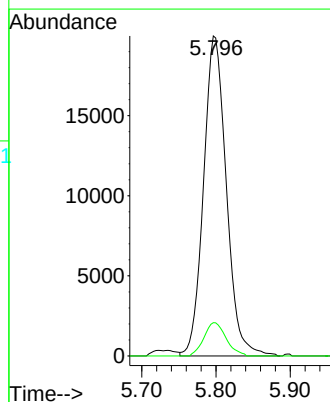
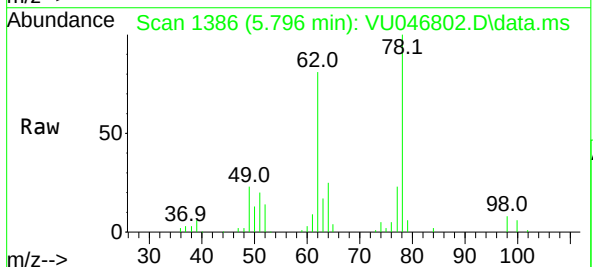
Acq: 20 Jan 2022 10:14

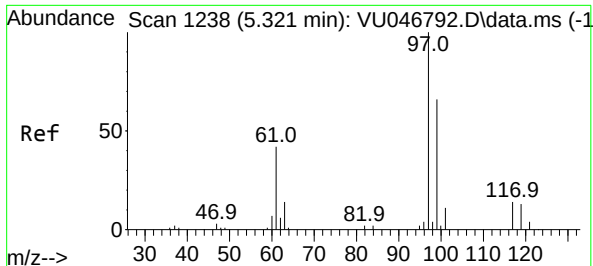
Tgt Ion: 62 Resp: 42642

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.644 ug/L

RT: 5.317 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

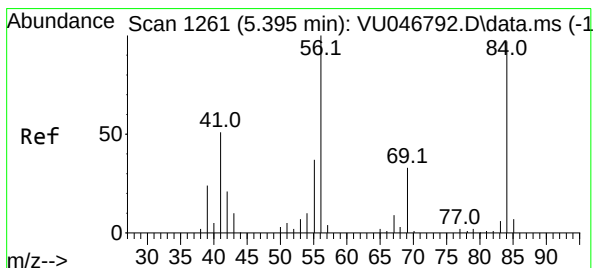
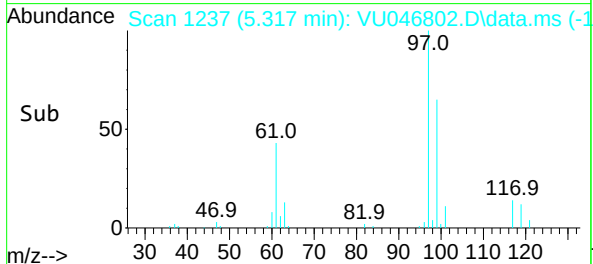
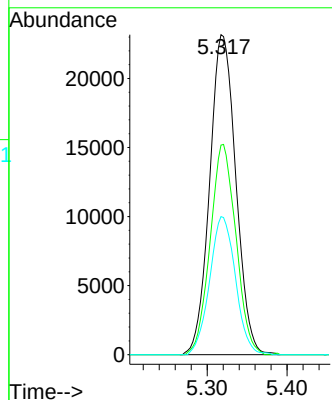
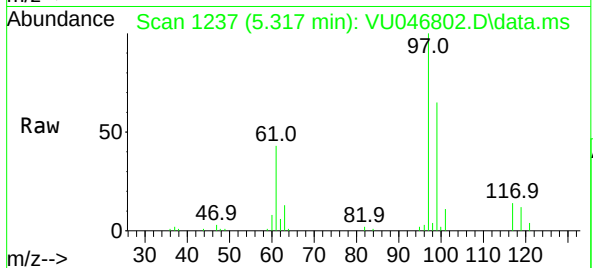
Tgt Ion: 97 Resp: 52702

Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 42.6 36.1 54.1



#30

Cyclohexane

Concen: 5.385 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

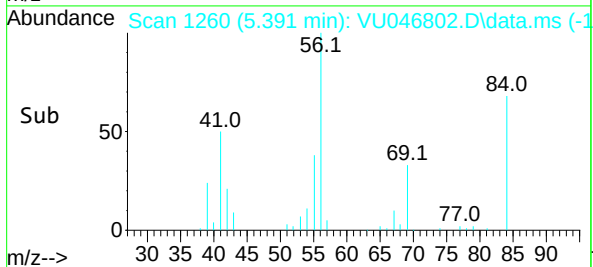
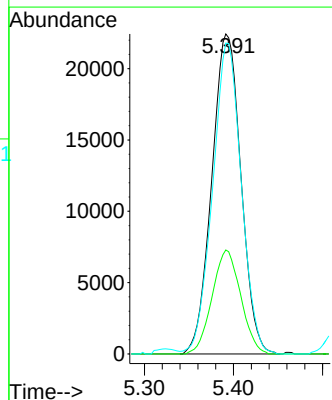
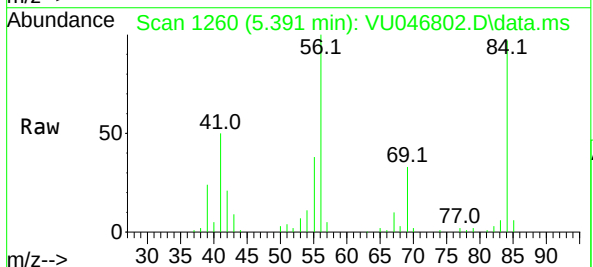
Tgt Ion: 56 Resp: 51002

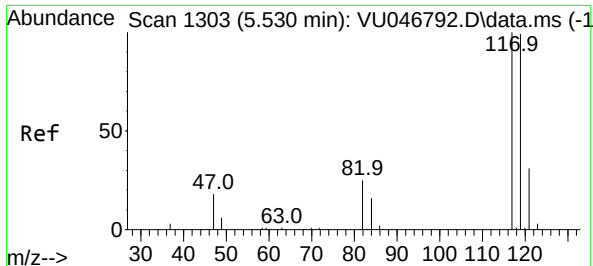
Ion Ratio Lower Upper

56 100

69 31.8 24.7 37.1

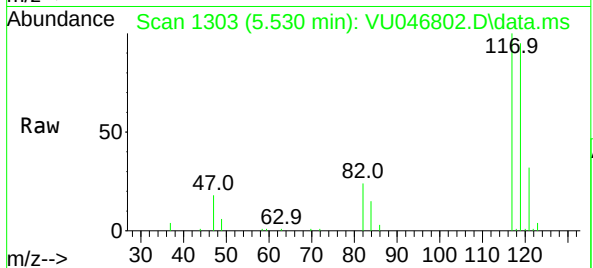
84 95.6 71.8 107.6



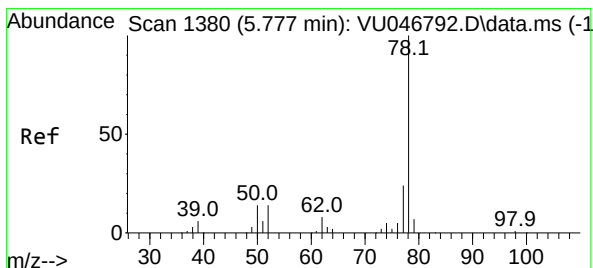
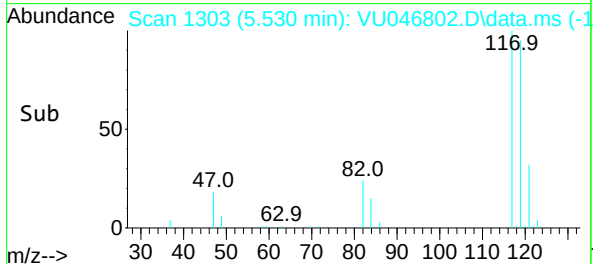
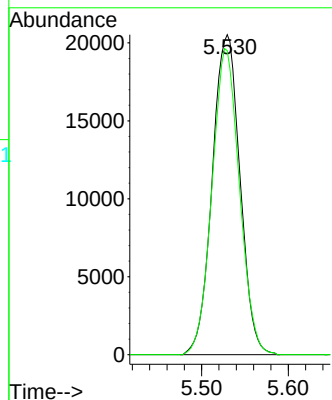


#31
Carbon tetrachloride
Concen: 5.695 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Instrument :
MSVOA_U
ClientSampleId :

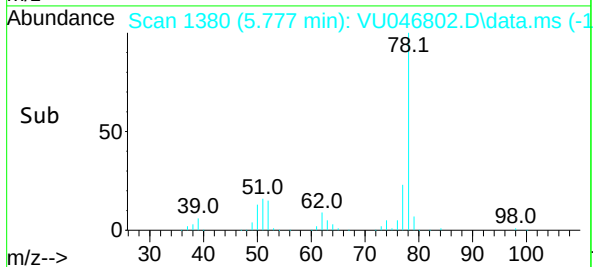
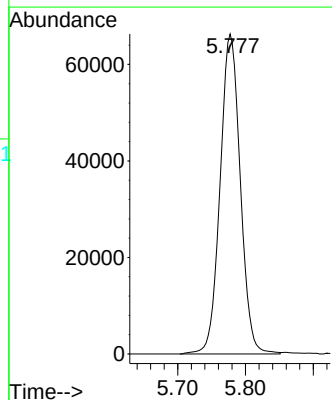
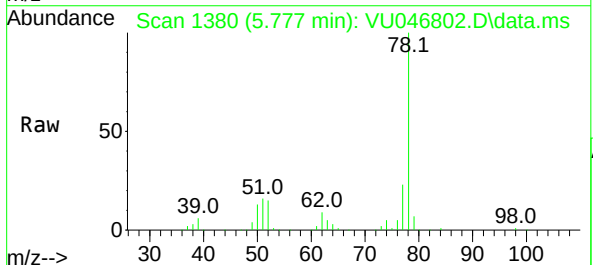


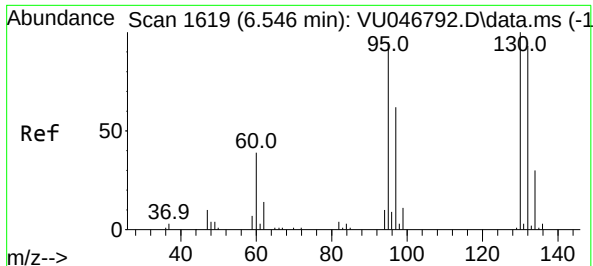
Tgt Ion:117 Resp: 45631
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3



#33
Benzene
Concen: 5.622 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

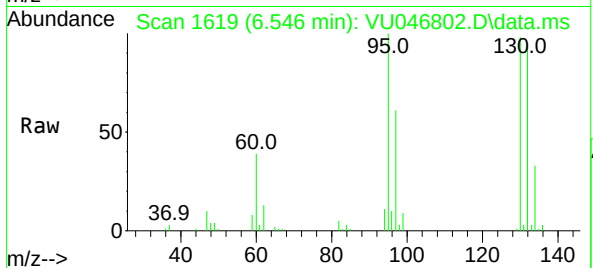
Tgt Ion: 78 Resp: 137231



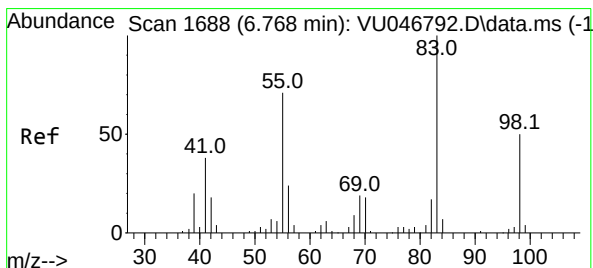
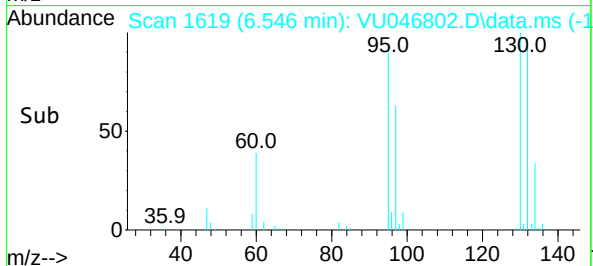
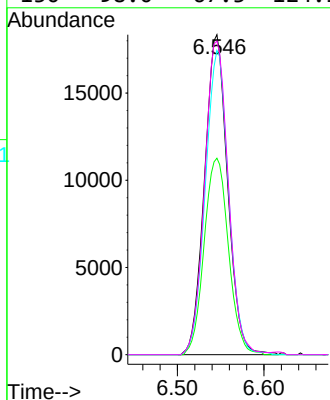


#34
Trichloroethene
Concen: 5.381 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Instrument :
MSVOA_U
ClientSampleId :

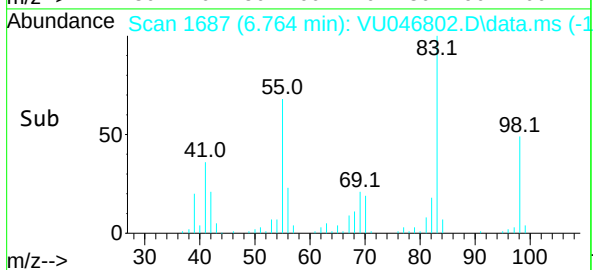
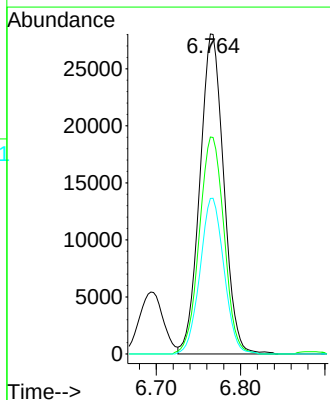
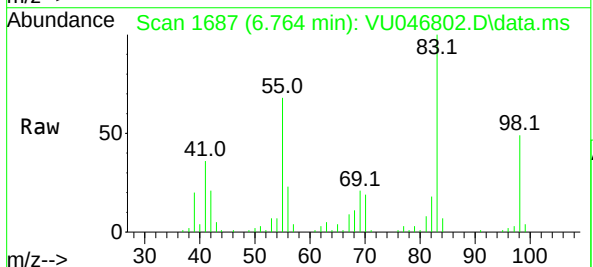


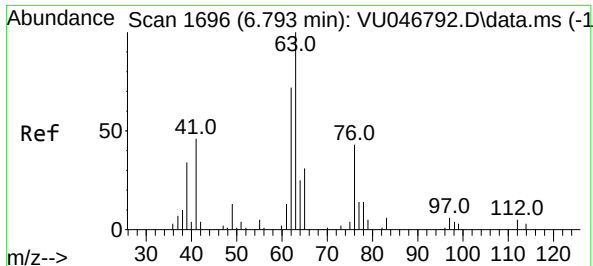
Tgt Ion: 95 Resp: 34102
Ion Ratio Lower Upper
95 100
97 61.4 46.5 86.5
132 95.1 65.1 120.9
130 98.0 67.3 124.9



#35
Methylcyclohexane
Concen: 5.211 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion: 83 Resp: 55320
Ion Ratio Lower Upper
83 100
55 70.0 61.9 92.9
98 48.7 39.0 58.6

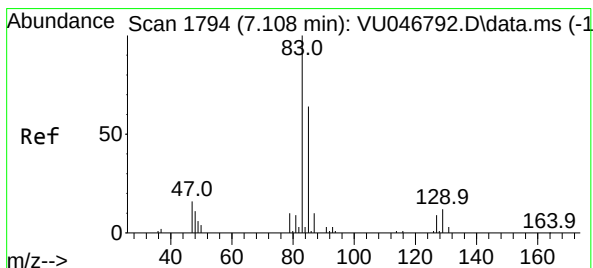
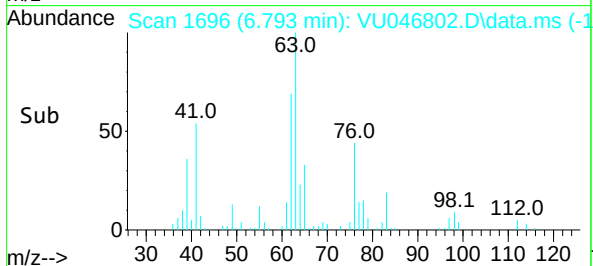
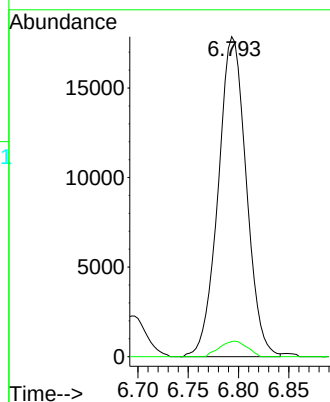
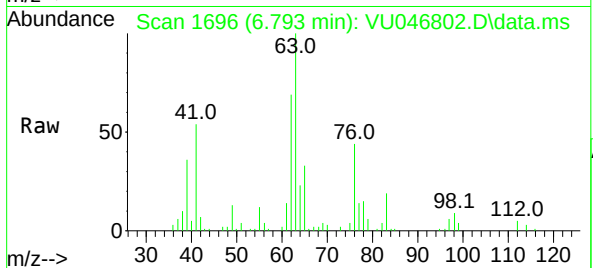




#37
1,2-Dichloropropane
Concen: 5.803 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

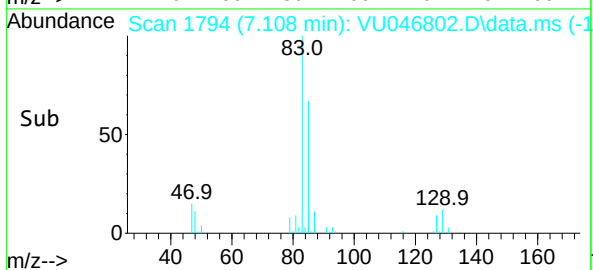
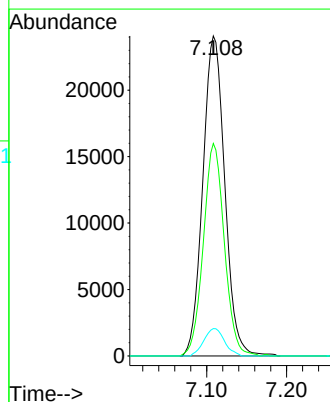
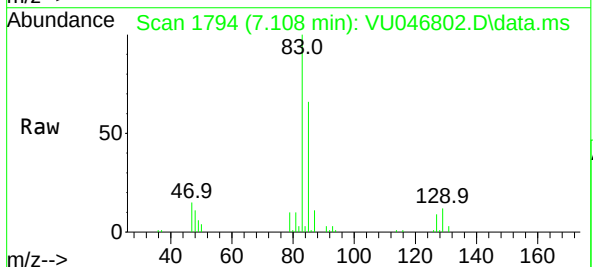
Instrument :
MSVOA_U
ClientSampleId :

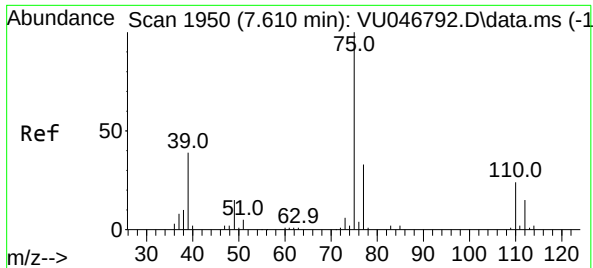
Tgt Ion: 63 Resp: 34752
Ion Ratio Lower Upper
63 100
112 4.7 3.2 4.8



#38
Bromodichloromethane
Concen: 5.337 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion: 83 Resp: 45993
Ion Ratio Lower Upper
83 100
85 66.4 44.0 81.8
127 8.5 6.3 9.5

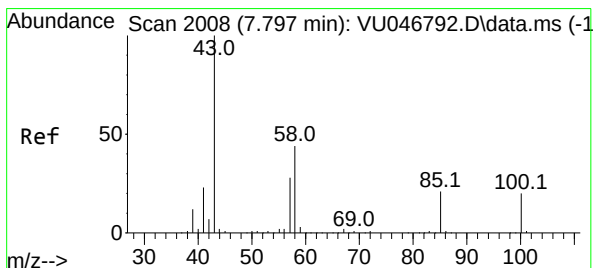
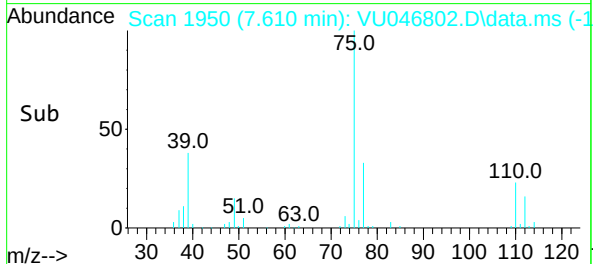
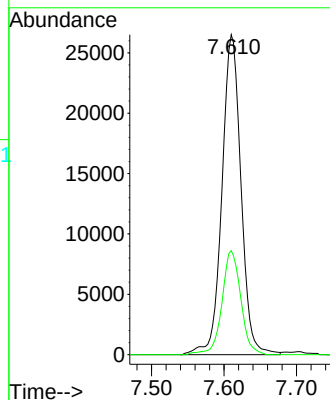
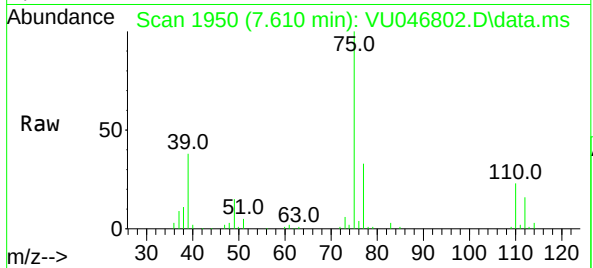




#39
 cis-1,3-Dichloropropene
 Concen: 5.182 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU046802.D
 Acq: 20 Jan 2022 10:14

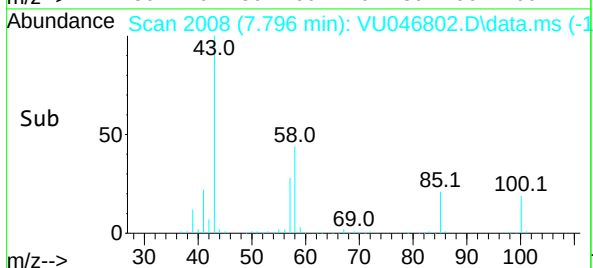
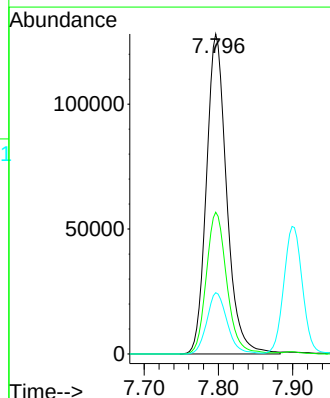
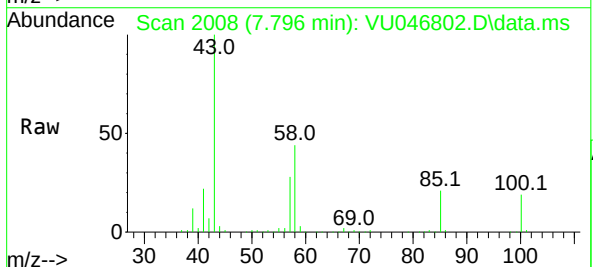
Instrument :
 MSVOA_U
 ClientSampleId :

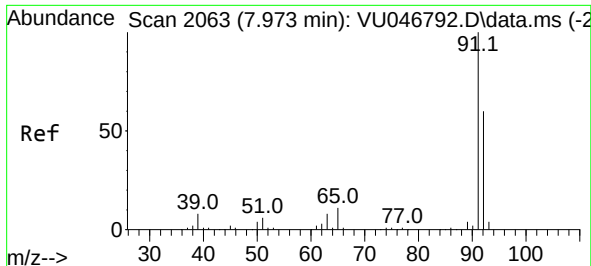
Tgt Ion: 75 Resp: 48410
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 55.194 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: VU046802.D
 Acq: 20 Jan 2022 10:14

Tgt Ion: 43 Resp: 242297
 Ion Ratio Lower Upper
 43 100
 58 44.9 33.1 49.7
 100 19.3 13.2 19.8





#42

Toluene

Concen: 5.224 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

Instrument :

MSVOA_U

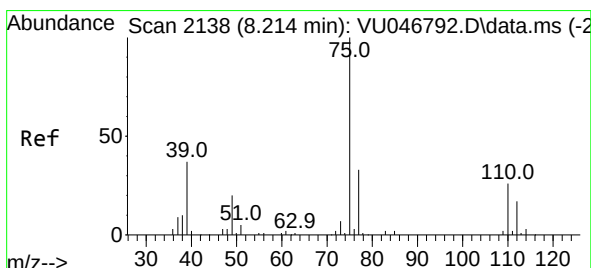
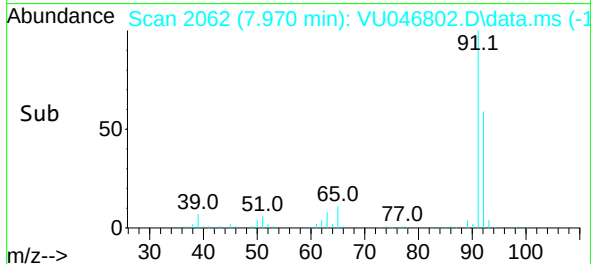
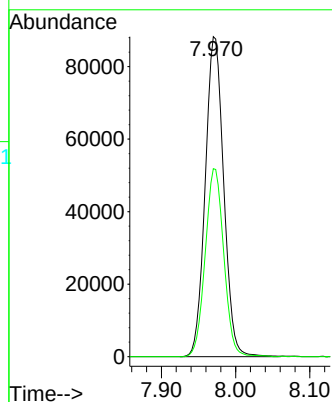
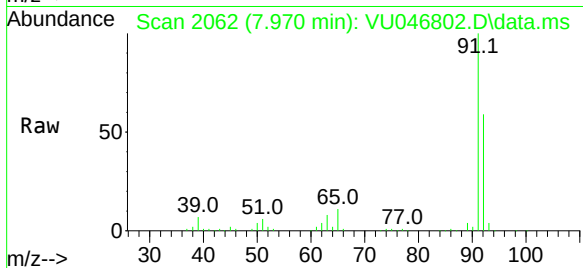
ClientSampleId :

Tgt Ion: 91 Resp: 152408

Ion Ratio Lower Upper

91 100

92 58.8 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.256 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. -0.000 min

Lab File: VU046802.D

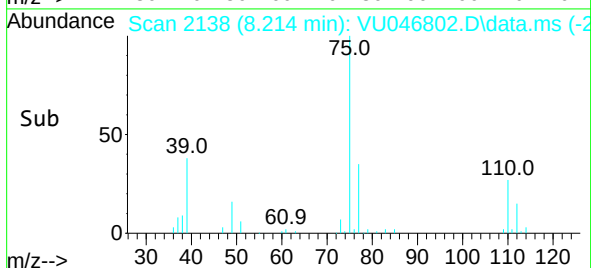
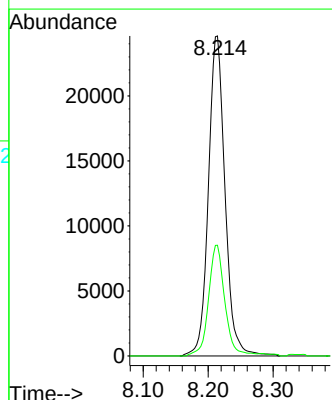
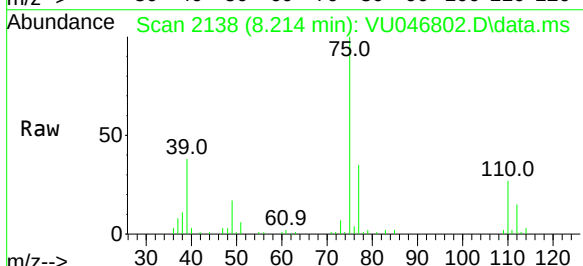
Acq: 20 Jan 2022 10:14

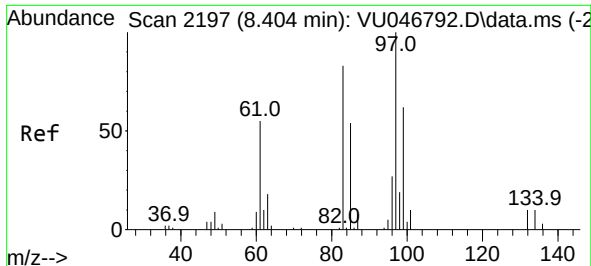
Tgt Ion: 75 Resp: 43747

Ion Ratio Lower Upper

75 100

77 34.6 22.7 42.3

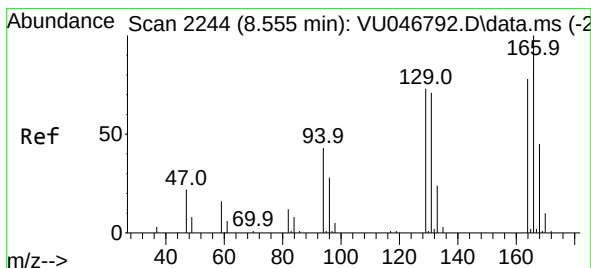
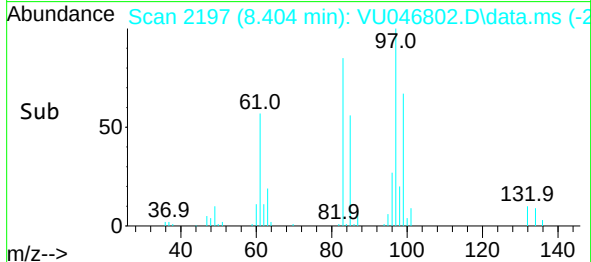
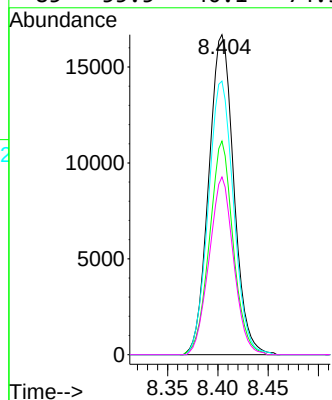
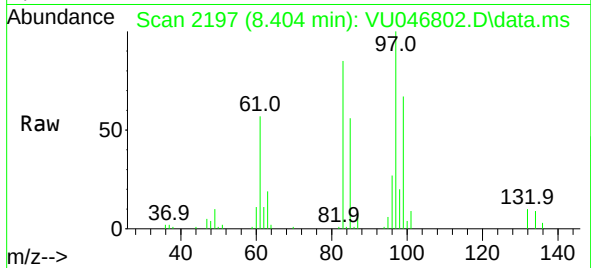




#45
1,1,2-Trichloroethane
Concen: 5.679 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

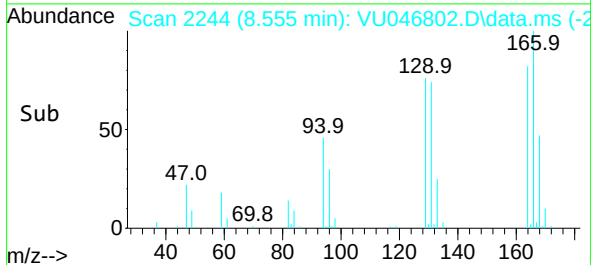
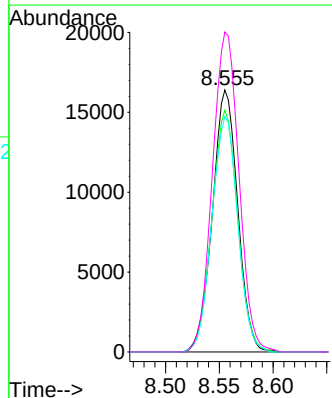
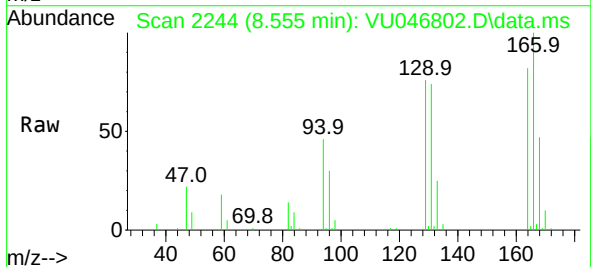
Instrument :
MSVOA_U
ClientSampleId :

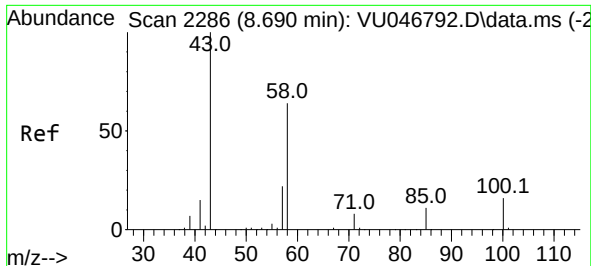
Tgt Ion: 97	Resp: 28932
Ion Ratio	Lower Upper
97 100	
99 66.7	42.3 78.5
83 85.5	62.0 115.2
85 55.5	40.1 74.5



#47
Tetrachloroethene
Concen: 5.212 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

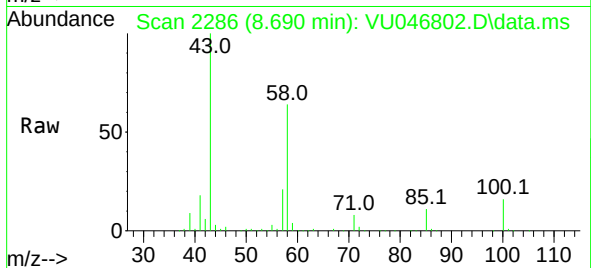
Tgt	Ion:164	Resp:	26866
Ion	Ratio	Lower	Upper
164	100		
129	92.3	71.8	133.4
131	89.9	68.5	127.3
166	122.2	94.1	174.8



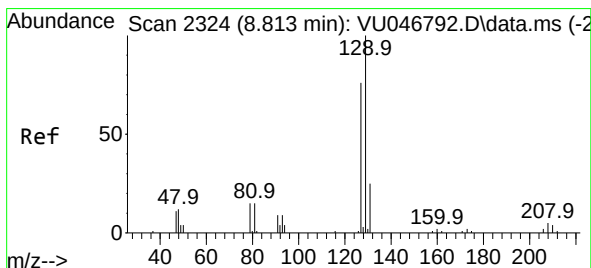
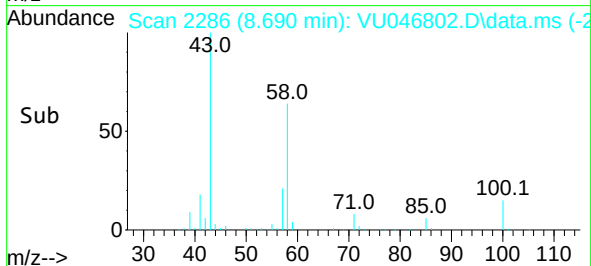
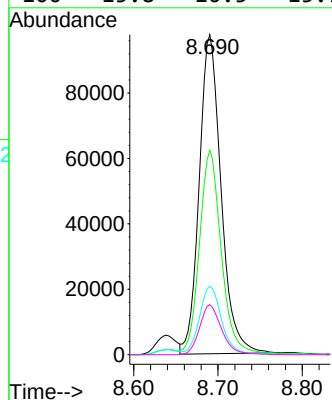


#48
2-Hexanone
Concen: 53.144 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Instrument :
MSVOA_U
ClientSampleId :

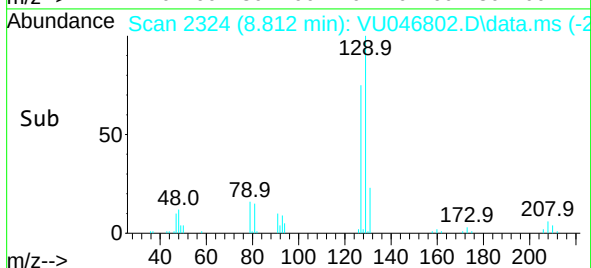
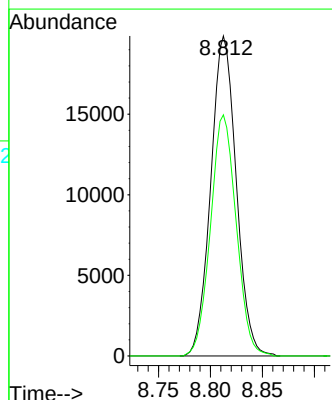
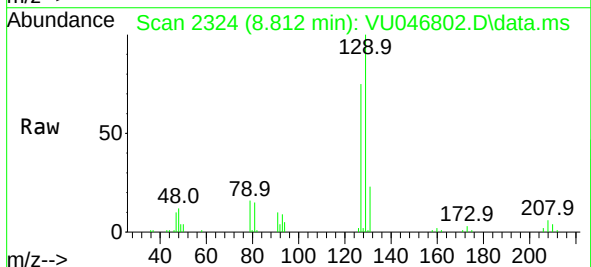


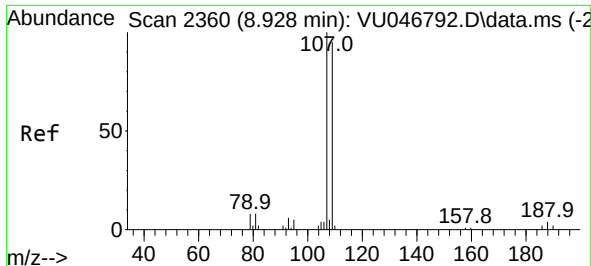
Tgt Ion:	43	Resp:	176098
Ion Ratio	100	Lower	Upper
58	63.7	46.7	70.1
57	21.6	16.3	24.5
100	15.8	10.5	15.7



#49
Dibromochloromethane
Concen: 5.631 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

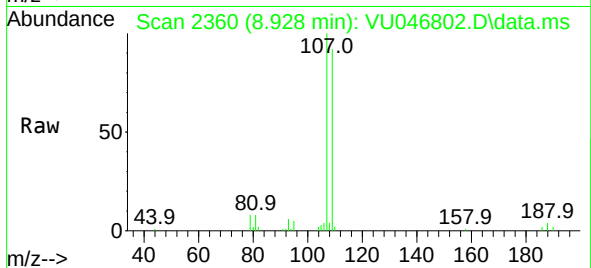
Tgt Ion:	129	Resp:	33838
Ion Ratio	100	Lower	Upper
127	75.3	55.4	102.8



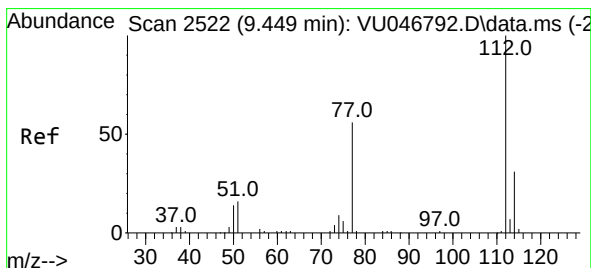
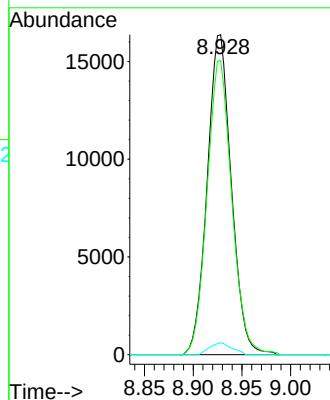
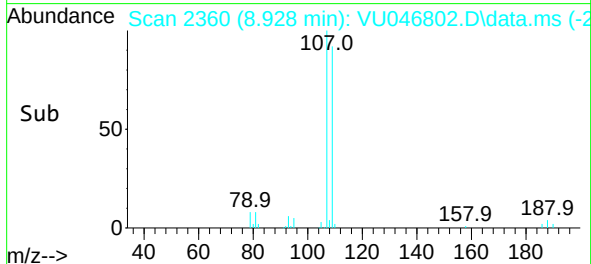


#50
1,2-Dibromoethane
Concen: 5.460 ug/L
RT: 8.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Instrument :
MSVOA_U
ClientSampleId :

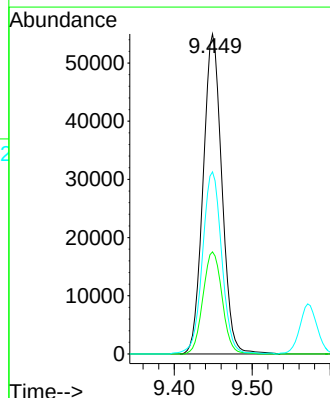
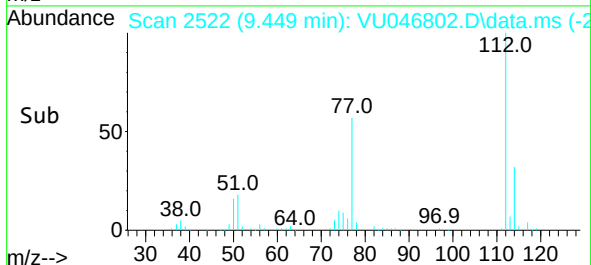
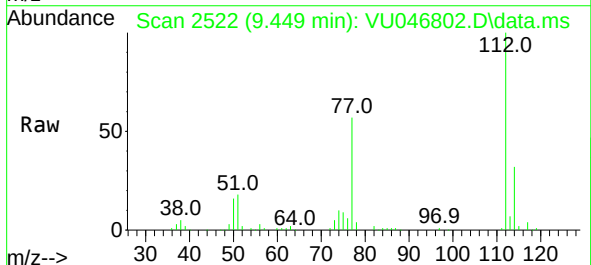


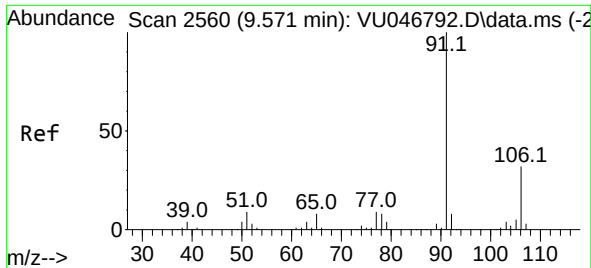
Tgt Ion:107 Resp: 28195
Ion Ratio Lower Upper
107 100
109 91.9 64.0 119.0
188 3.7 2.4 3.6#



#51
Chlorobenzene
Concen: 5.415 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion:112 Resp: 91747
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 56.9 48.3 72.5

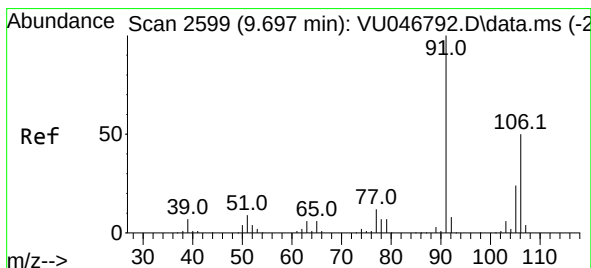
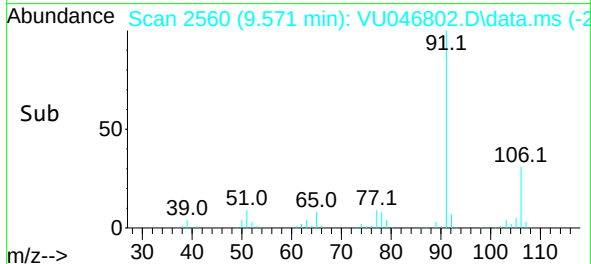
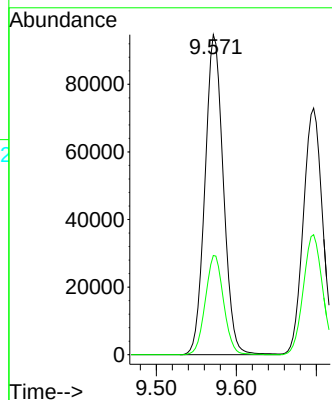
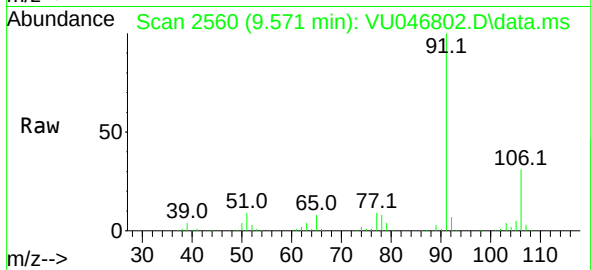




#52
Ethylbenzene
Concen: 5.456 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

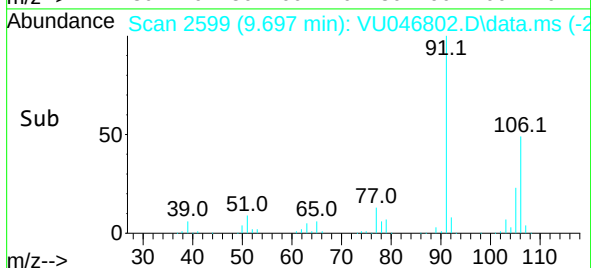
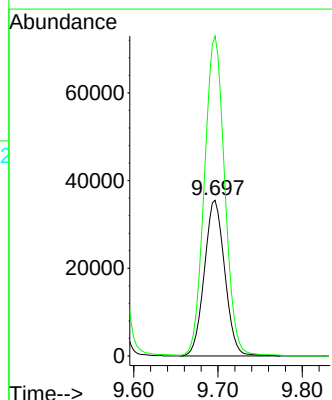
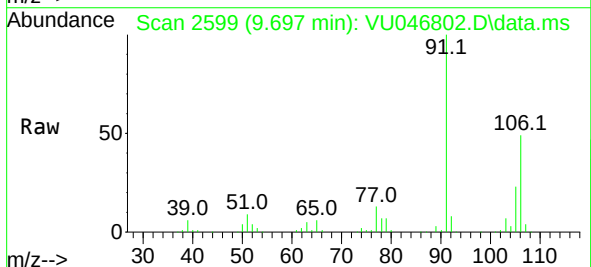
Instrument :
MSVOA_U
ClientSampleId :

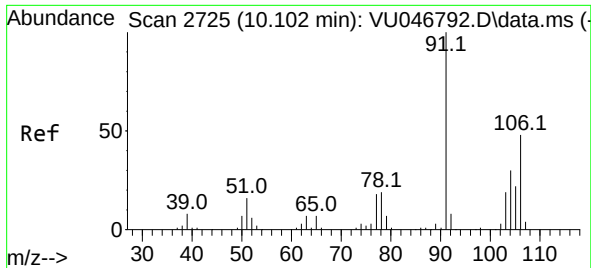
Tgt Ion: 91 Resp: 151347
Ion Ratio Lower Upper
91 100
106 31.0 21.5 39.9



#53
m,p-Xylene
Concen: 5.412 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion: 106 Resp: 59849
Ion Ratio Lower Upper
106 100
91 205.6 139.4 259.0

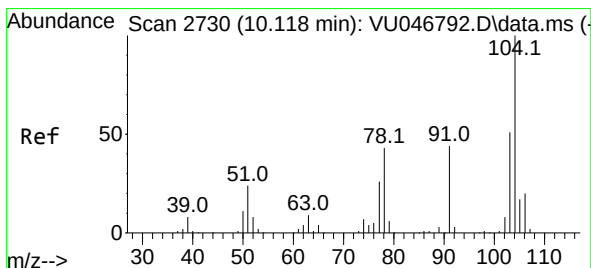
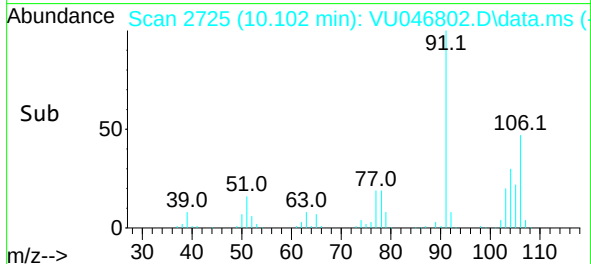
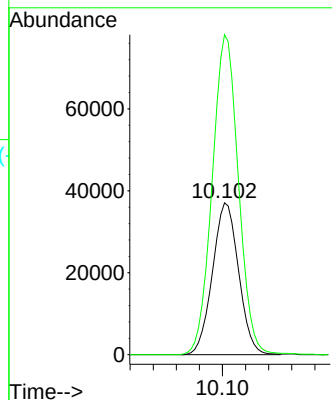
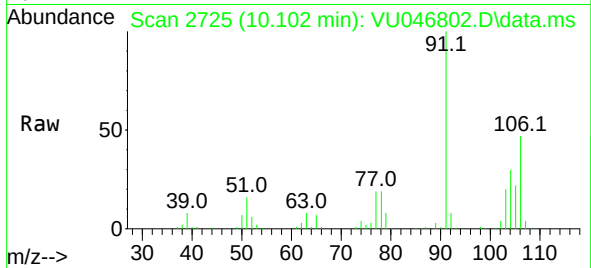




#54
o-Xylene
Concen: 5.433 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

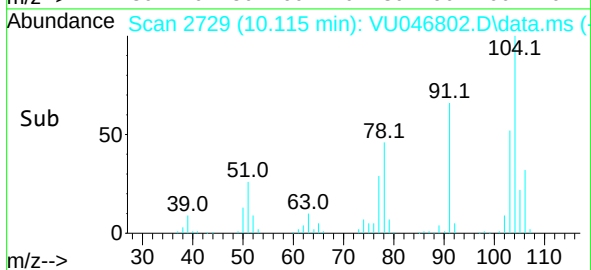
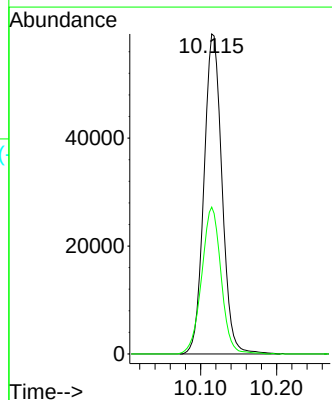
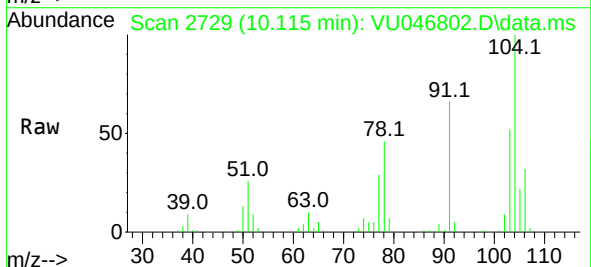
Instrument :
MSVOA_U
ClientSampleId :

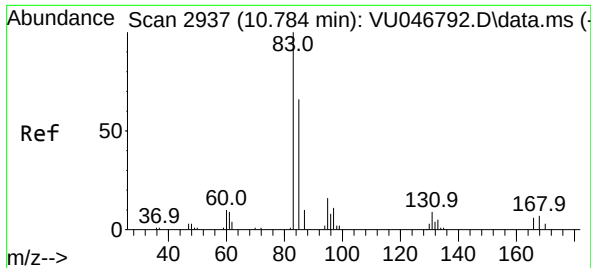
Tgt Ion:106 Resp: 58233
Ion Ratio Lower Upper
106 100
91 210.8 147.5 273.9



#55
Styrene
Concen: 5.574 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion:104 Resp: 97734
Ion Ratio Lower Upper
104 100
78 45.9 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.535 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

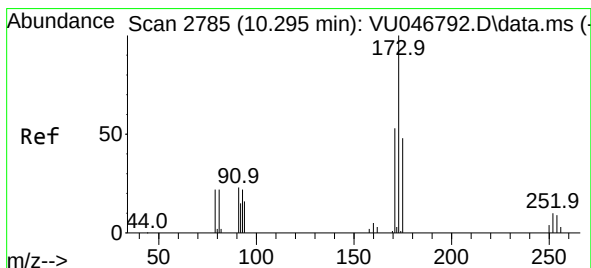
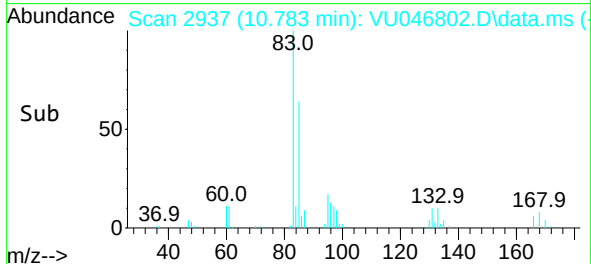
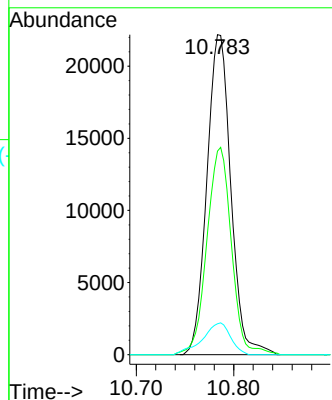
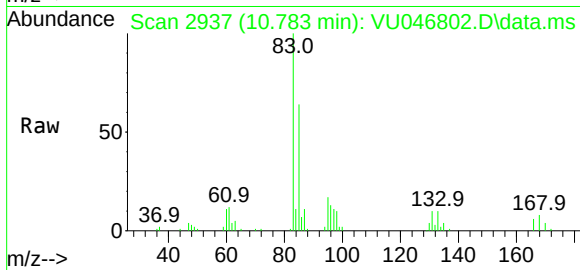
Tgt Ion: 83 Resp: 37918

Ion Ratio Lower Upper

83 100

85 63.6 47.9 89.1

131 9.6 8.1 12.1



#59

Bromoform

Concen: 5.656 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. -0.000 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

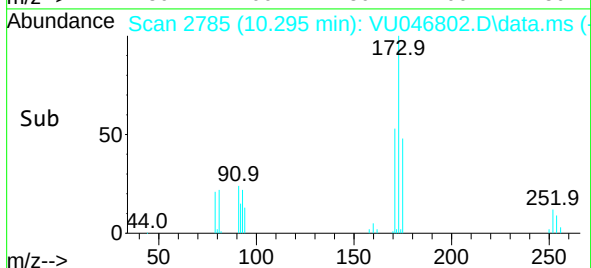
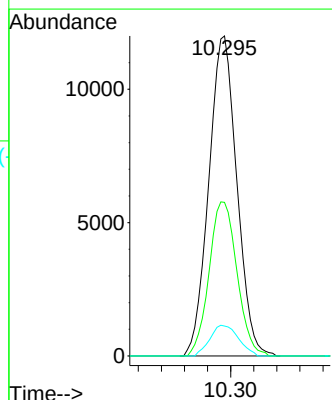
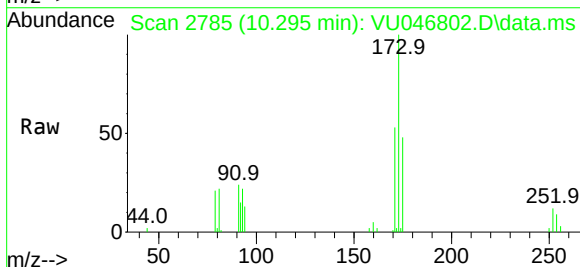
Tgt Ion:173 Resp: 20240

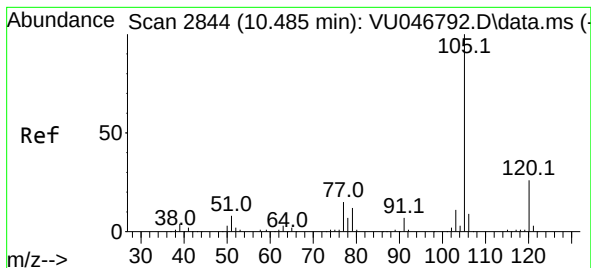
Ion Ratio Lower Upper

173 100

175 47.9 37.8 56.6

254 9.8 7.3 10.9





#60

Isopropylbenzene

Concen: 5.634 ug/L

RT: 10.488 min Scan# 2844

Delta R.T. 0.003 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

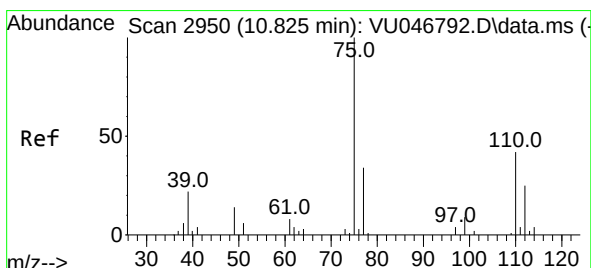
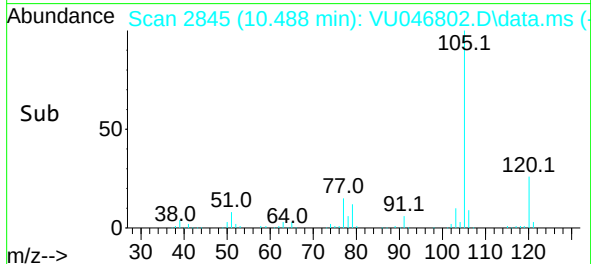
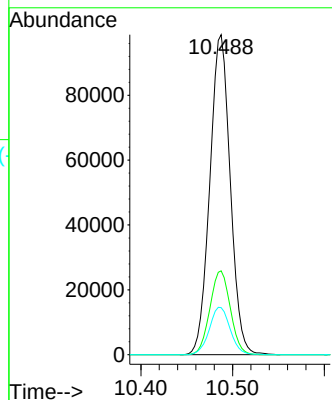
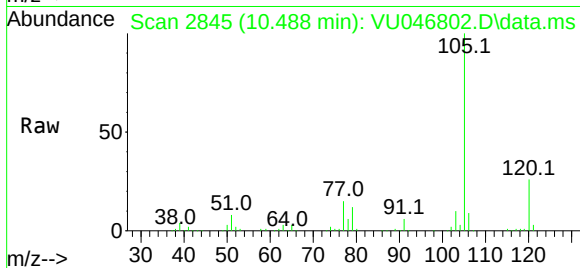
Tgt Ion:105 Resp: 152498

Ion Ratio Lower Upper

105 100

120 26.3 20.7 31.1

77 15.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.726 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

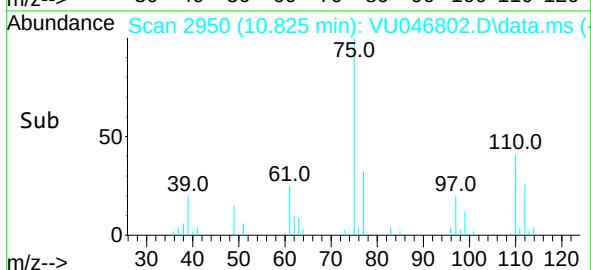
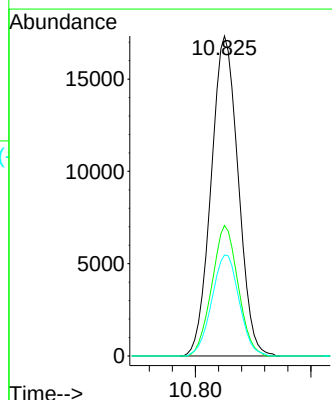
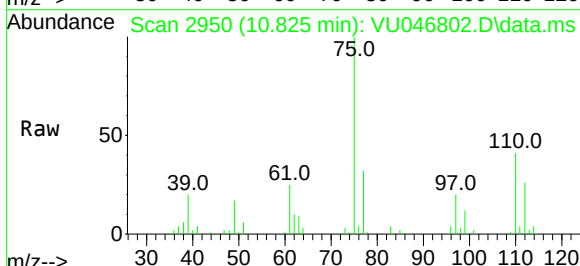
Tgt Ion: 75 Resp: 28193

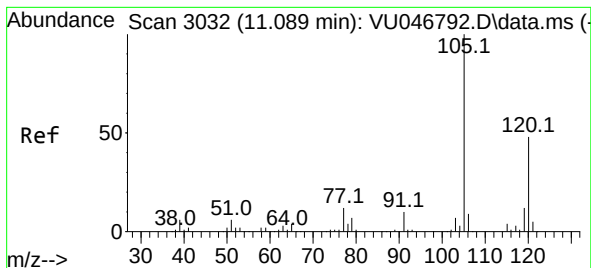
Ion Ratio Lower Upper

75 100

110 39.5 29.9 44.9

77 32.0 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.461 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

Instrument :

MSVOA_U

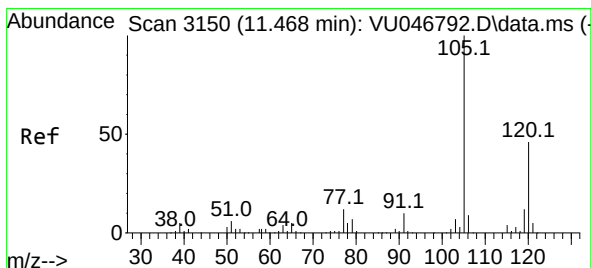
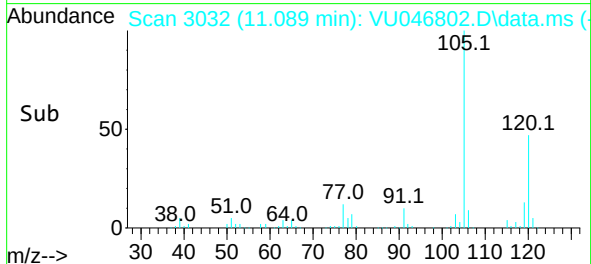
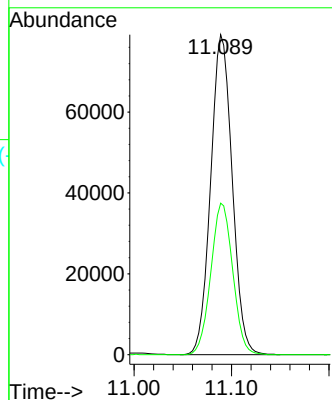
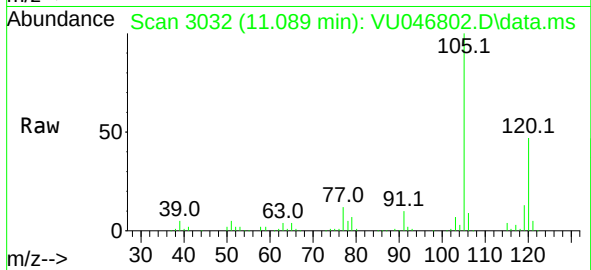
ClientSampleId :

Tgt Ion:105 Resp: 121327

Ion Ratio Lower Upper

105 100

120 48.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.586 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU046802.D

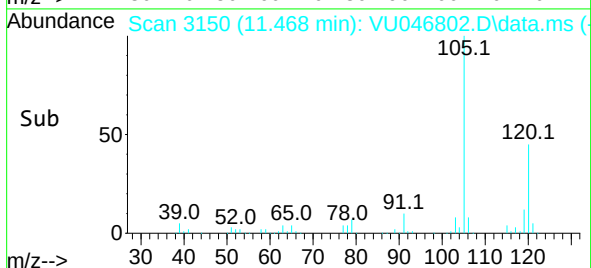
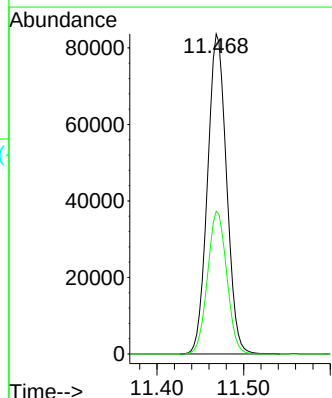
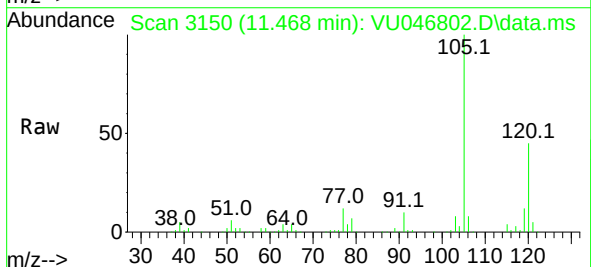
Acq: 20 Jan 2022 10:14

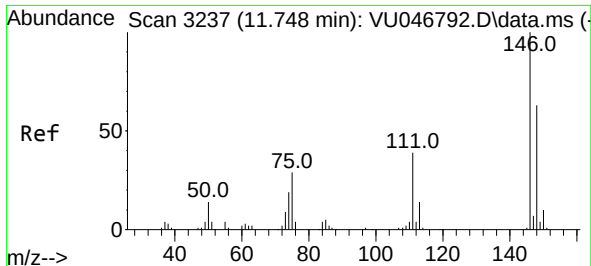
Tgt Ion:105 Resp: 127715

Ion Ratio Lower Upper

105 100

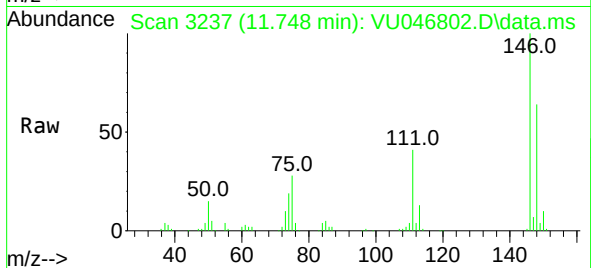
120 44.9 35.8 53.8



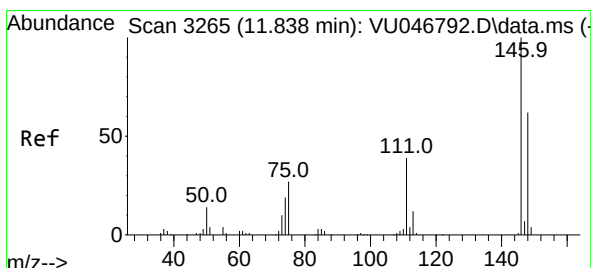
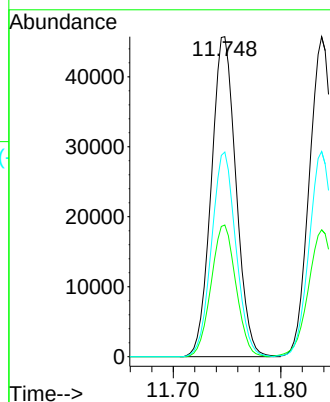
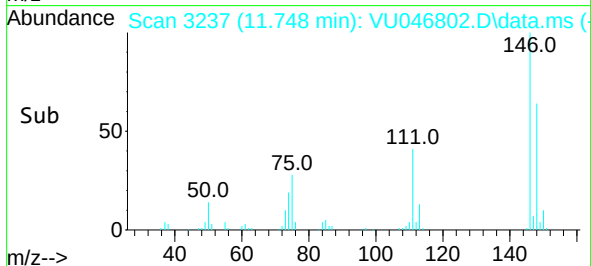


#64
1,3-Dichlorobenzene
Concen: 5.396 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

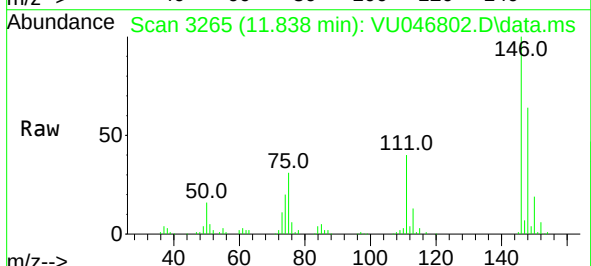
Instrument :
MSVOA_U
ClientSampleId :



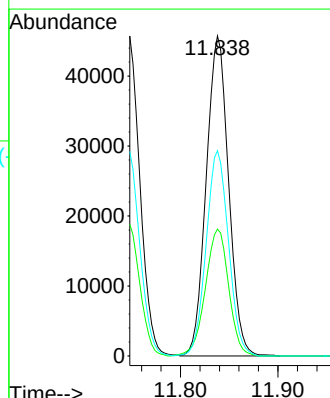
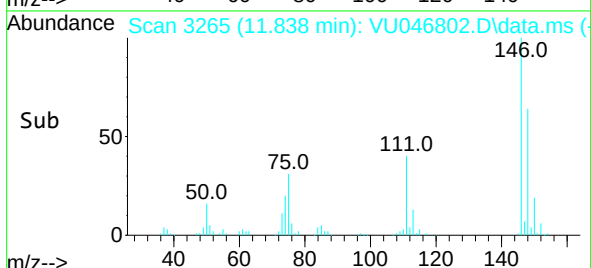
Tgt Ion:146 Resp: 72999
Ion Ratio Lower Upper
146 100
111 41.2 29.9 55.5
148 64.0 44.3 82.3

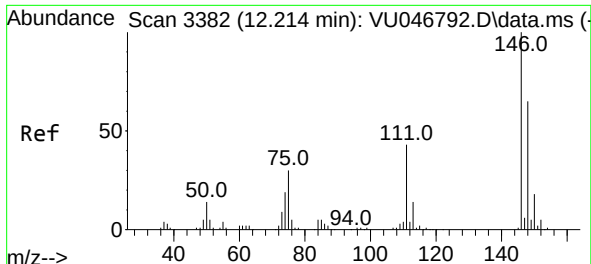


#65
1,4-Dichlorobenzene
Concen: 5.351 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14



Tgt Ion:146 Resp: 72862
Ion Ratio Lower Upper
146 100
111 39.6 28.7 53.3
148 64.2 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.334 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046802.D

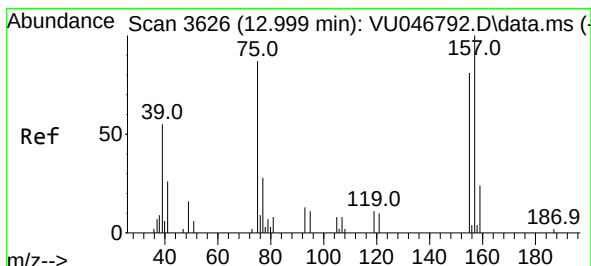
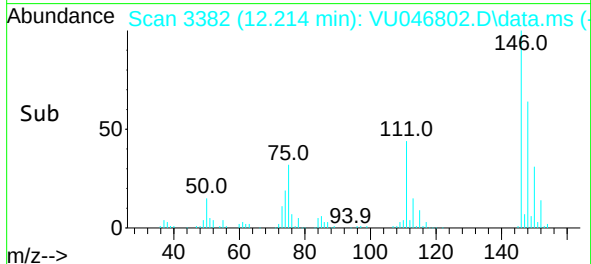
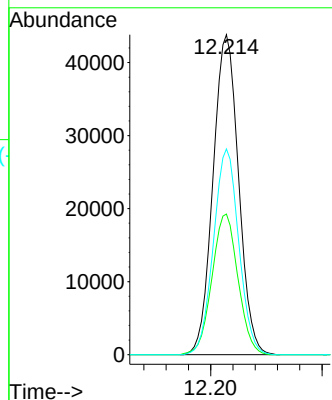
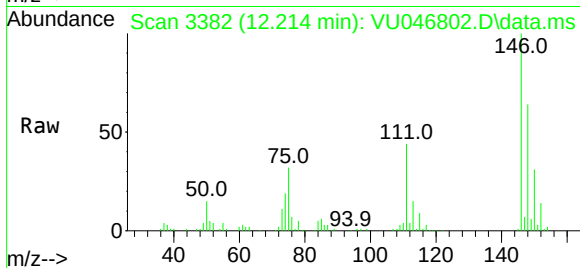
Acq: 20 Jan 2022 10:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	69805
Ion	Ratio	Lower Upper
146	100	
111	43.9	35.4 53.0
148	64.3	51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.913 ug/L

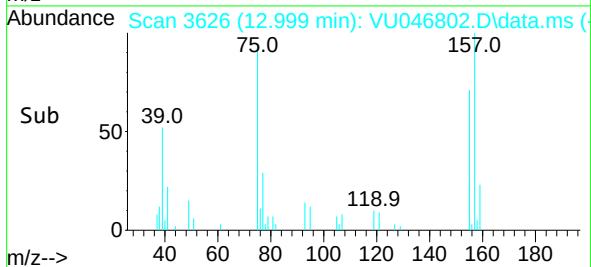
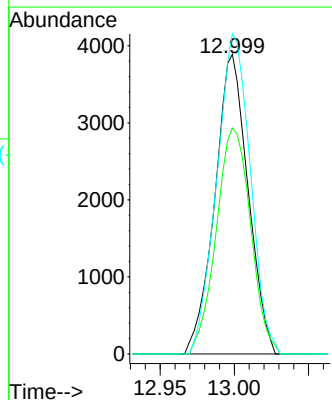
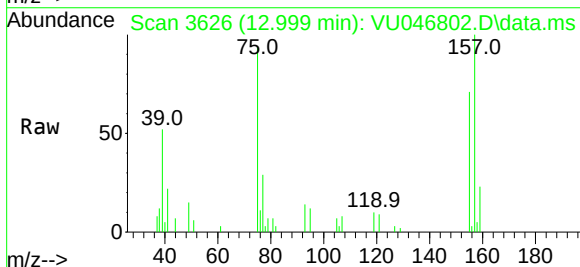
RT: 12.999 min Scan# 3626

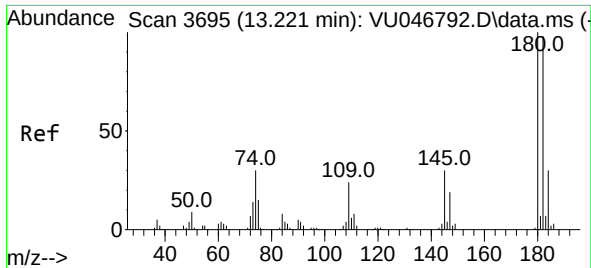
Delta R.T. -0.000 min

Lab File: VU046802.D

Acq: 20 Jan 2022 10:14

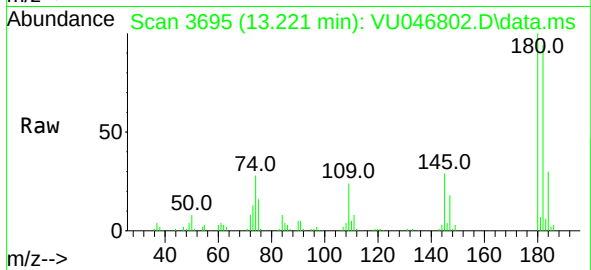
Tgt Ion: 75	Resp:	6043
Ion	Ratio	Lower Upper
75	100	
155	75.4	59.2 88.8
157	106.8	76.5 114.7



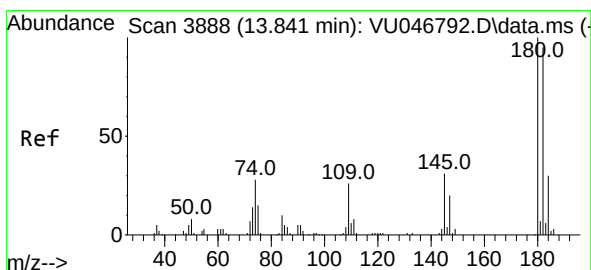
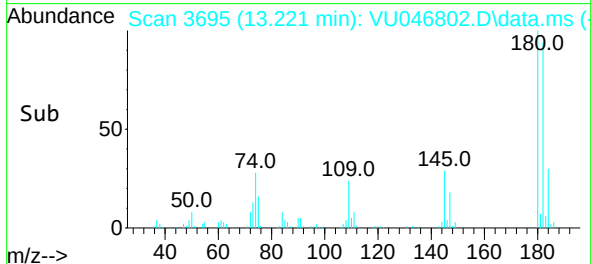
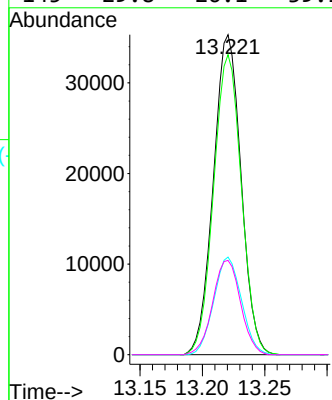


#69
1,3,5-Trichlorobenzene
Concen: 5.103 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Instrument :
MSVOA_U
ClientSampleId :

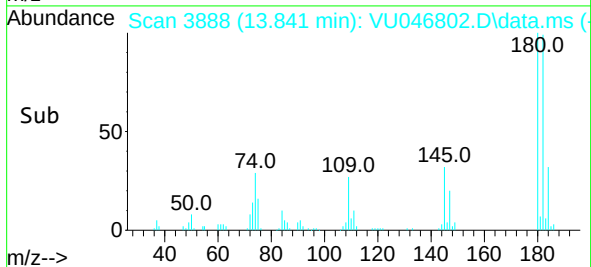
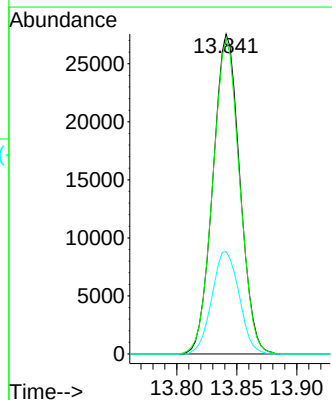
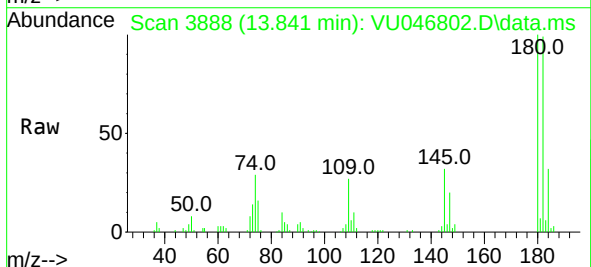


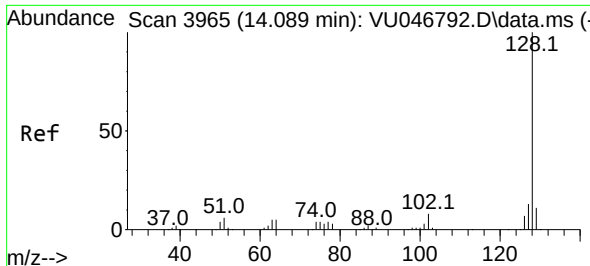
Tgt Ion:180 Resp: 54435
Ion Ratio Lower Upper
180 100
182 94.2 76.1 114.1
184 30.5 25.0 37.4
145 29.8 26.1 39.1



#70
1,2,4-trichlorobenzene
Concen: 4.805 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

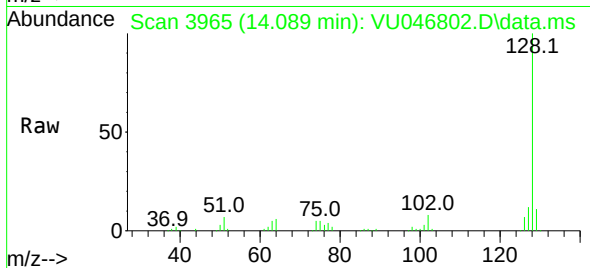
Tgt Ion:180 Resp: 42854
Ion Ratio Lower Upper
180 100
182 98.4 76.4 114.6
145 32.5 25.6 38.4



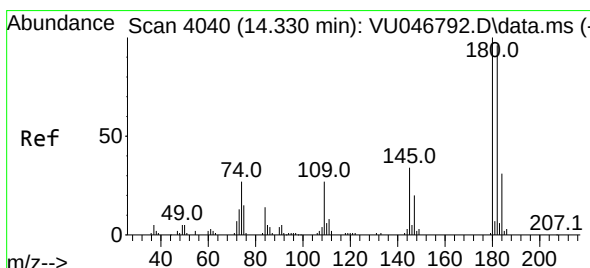
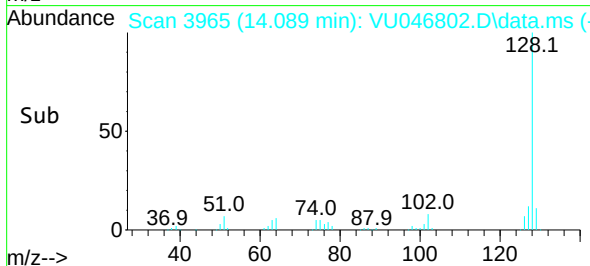
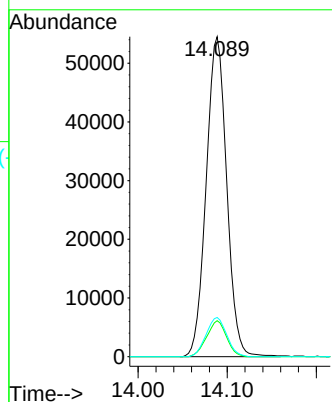


#71
Naphthalene
Concen: 4.795 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 87057
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.152 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046802.D
Acq: 20 Jan 2022 10:14

Tgt Ion:180 Resp: 43396
Ion Ratio Lower Upper
180 100
182 95.8 76.2 114.4
145 33.8 28.4 42.6

