

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046819.D
 Acq On : 21 Jan 2022 09:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

Quant Time: Jan 24 00:17:51 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	107152	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	33409	3.680	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.919	69	29184	4.079	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.575	65	14167	3.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	4.658	46	129932	48.305	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.600%
24) Chloroform-d	5.070	84	69599	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.707	65	40186	4.630	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.732	84	133997	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.694	67	41122	4.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.903	98	120437	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.182	79	17943	4.143	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.642	63	138167	53.885	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.760%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	49580	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	47434	4.038	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	52908	5.249	ug/L	99
3) Chloromethane	1.523	50	44409	5.350	ug/L	99
5) Vinyl chloride	1.607	62	45130	5.222	ug/L	99
6) Bromomethane	1.864	94	26061	4.820	ug/L	97
8) Chloroethane	1.941	64	25432	5.113	ug/L	95
9) Trichlorofluoromethane	2.144	101	57024	5.415	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32618	5.210	ug/L	97
12) 1,1-Dichloroethene	2.588	96	30578	5.111	ug/L	80
13) Acetone	2.681	43	71630	48.962	ug/L	94
14) Carbon disulfide	2.800	76	96989	4.936	ug/L	98
15) Methyl Acetate	2.967	43	13141	4.112	ug/L #	88
16) Methylene chloride	3.054	84	35335	4.890	ug/L	89
17) Methyl tert-butyl Ether	3.369	73	84386	5.027	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	32313	4.986	ug/L	90
19) 1,1-Dichloroethane	3.877	63	58187	5.348	ug/L	97
21) 2-Butanone	4.736	43	114525	48.676	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	35346	5.170	ug/L	95
23) Bromochloromethane	4.980	128	17512	5.207	ug/L	93
25) Chloroform	5.092	83	72175	4.180	ug/L	98

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 ALS Vial : 2 Sample Multiplier: 1

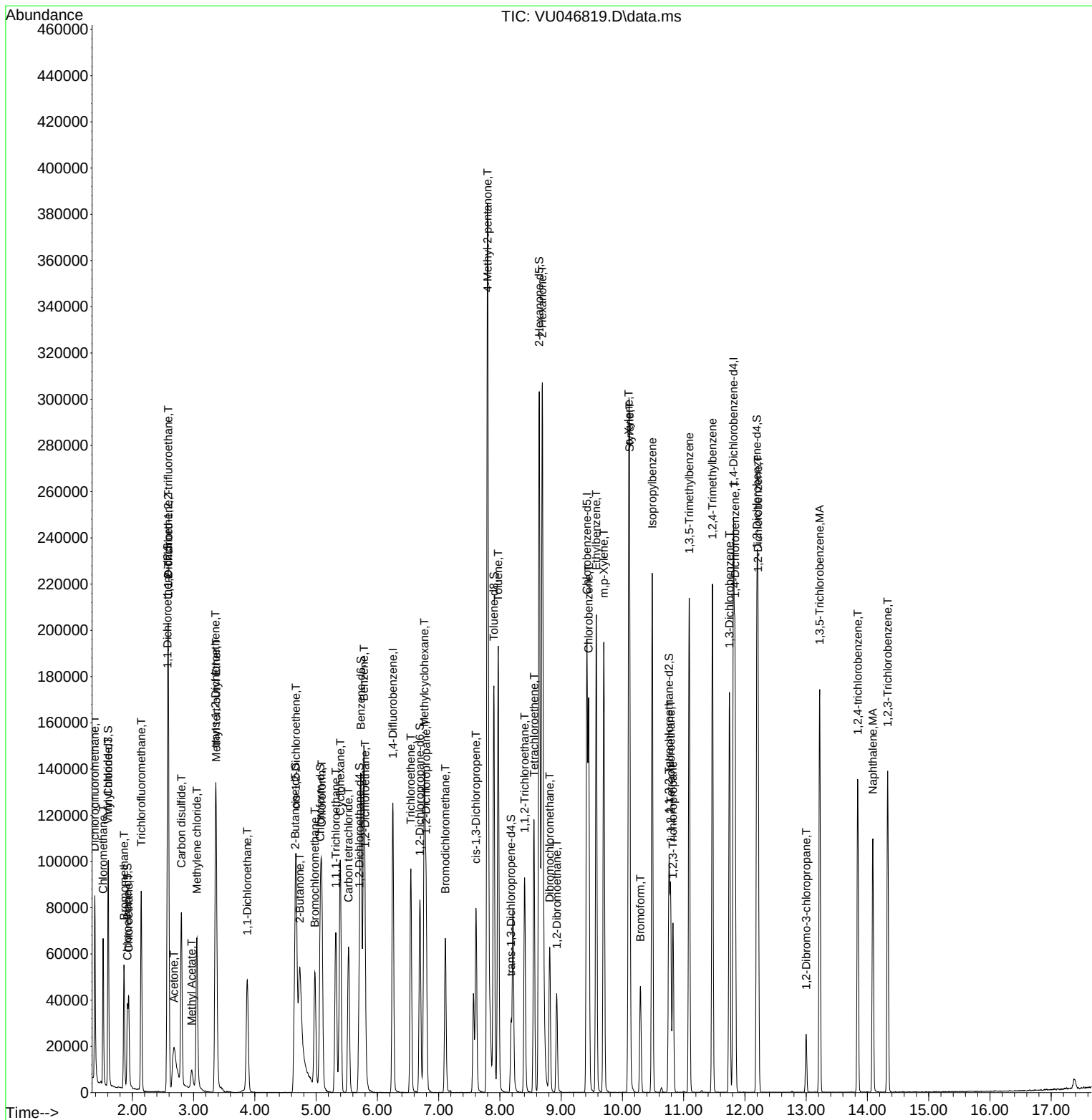
Instrument :
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 ClientSampleId :
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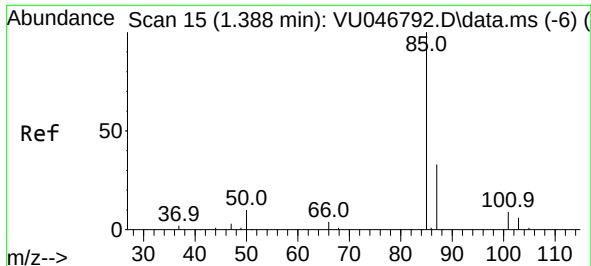
Quant Time: Jan 24 00:17:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41406	5.433	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	52828	5.249	ug/L	98
30) Cyclohexane	5.395	56	51213	5.017	ug/L	97
31) Carbon tetrachloride	5.530	117	45355	5.252	ug/L	97
33) Benzene	5.781	78	133670	5.081	ug/L	100
34) Trichloroethene	6.546	95	34140	4.998	ug/L	98
35) Methylcyclohexane	6.768	83	55352	4.838	ug/L	95
37) 1,2-Dichloropropane	6.797	63	34174	5.295	ug/L	99
38) Bromodichloromethane	7.108	83	45773	4.928	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	48774	4.844	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	282668	59.743	ug/L	96
42) Toluene	7.973	91	143828	4.574	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	30295	5.517	ug/L	98
47) Tetrachloroethene	8.559	164	26010	4.682	ug/L	95
48) 2-Hexanone	8.694	43	218567	61.200	ug/L	97
49) Dibromochloromethane	8.813	129	34540	5.333	ug/L	98
50) 1,2-Dibromoethane	8.928	107	30026	5.395	ug/L #	99
51) Chlorobenzene	9.449	112	90892	4.977	ug/L	96
52) Ethylbenzene	9.575	91	148150	4.955	ug/L	100
53) m,p-Xylene	9.697	106	58633	4.920	ug/L	98
54) o-Xylene	10.102	106	57243	4.955	ug/L	100
55) Styrene	10.118	104	97828	5.177	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	42492	5.755	ug/L	97
59) Bromoform	10.295	173	21418	5.553	ug/L	97
60) Isopropylbenzene	10.488	105	148727	5.097	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	31631	5.960	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	118686	4.956	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	122798	4.983	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	70963	4.866	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	72721	4.955	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	71169	5.045	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	6668	6.053	ug/L	86
69) 1,3,5-Trichlorobenzene	13.221	180	52498	4.566	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	41756	4.344	ug/L	99
71) Naphthalene	14.089	128	88681	4.531	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42544	4.686	ug/L	98

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

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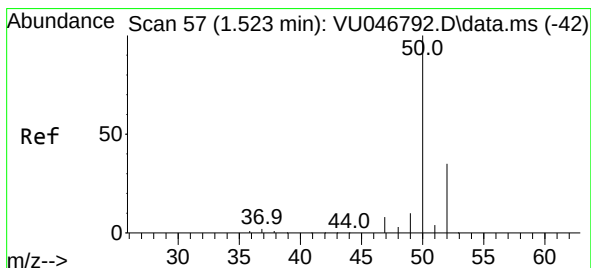
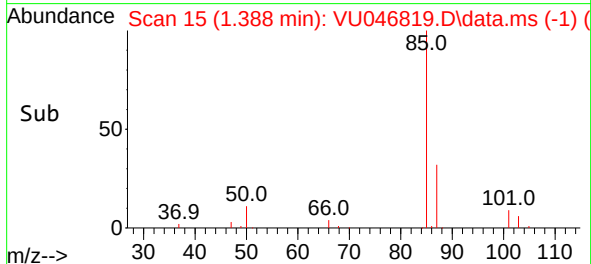
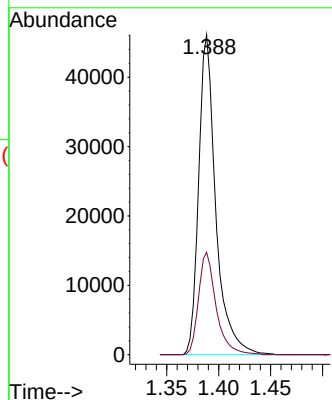
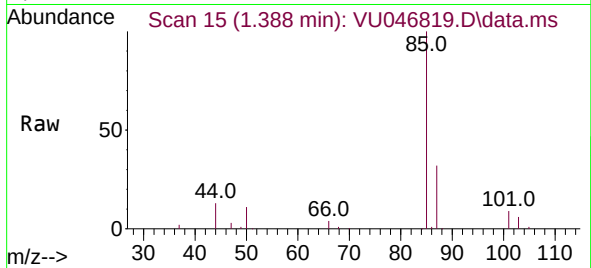




#2
Dichlorodifluoromethane
Concen: 5.249 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

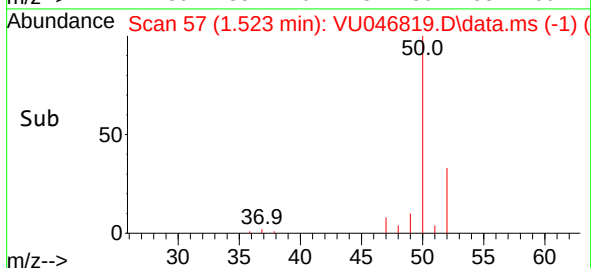
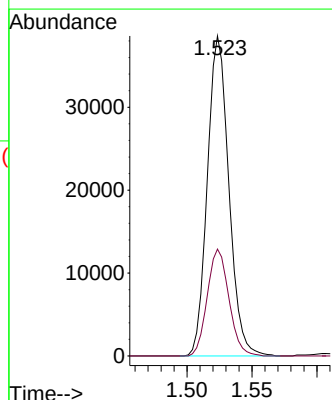
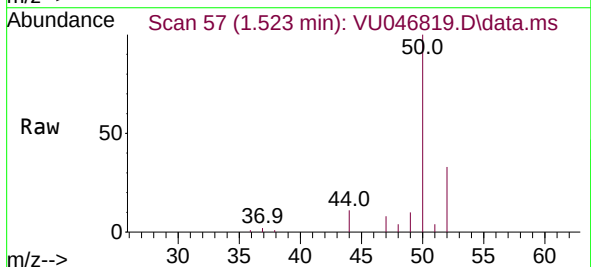
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

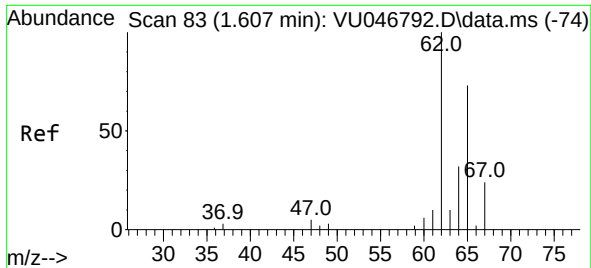
Tgt Ion: 85 Resp: 52908
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.6



#3
Chloromethane
Concen: 5.350 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion: 50 Resp: 44409
Ion Ratio Lower Upper
50 100
52 33.4 23.0 42.8

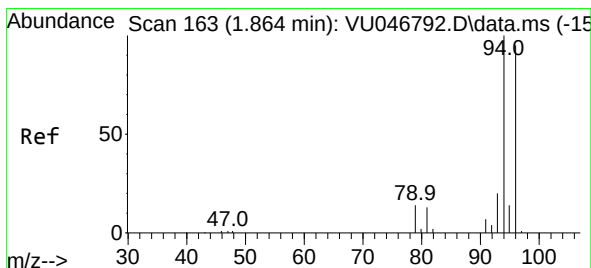
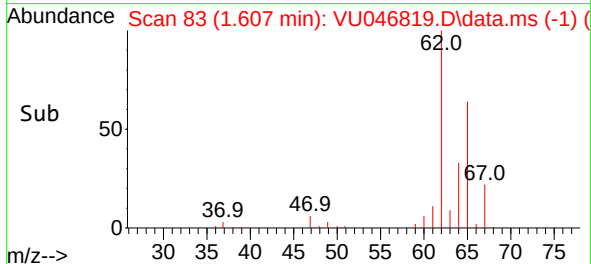
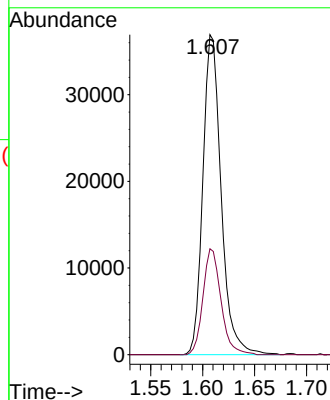
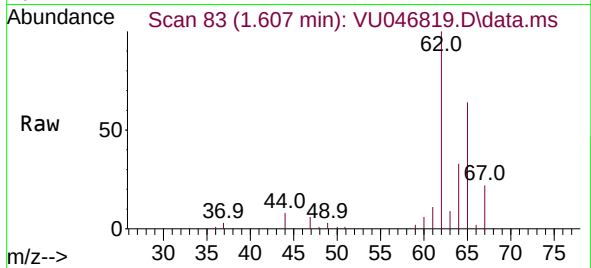




#5
 Vinyl chloride
 Concen: 5.222 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU046819.D
 Acq: 21 Jan 2022 09:48

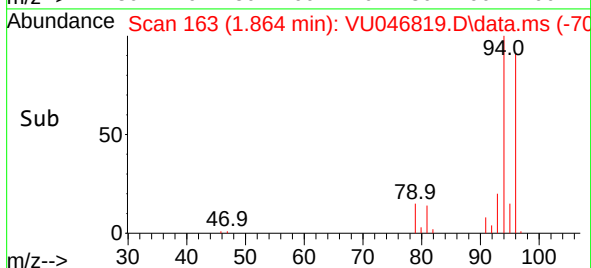
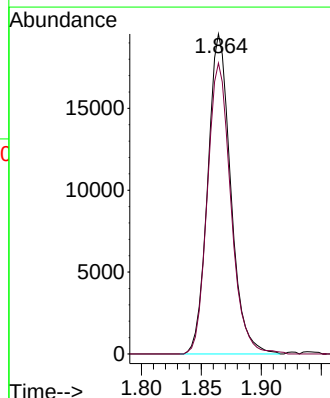
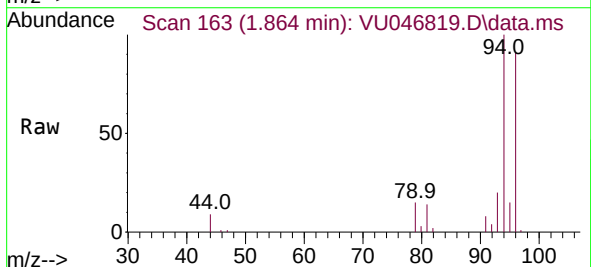
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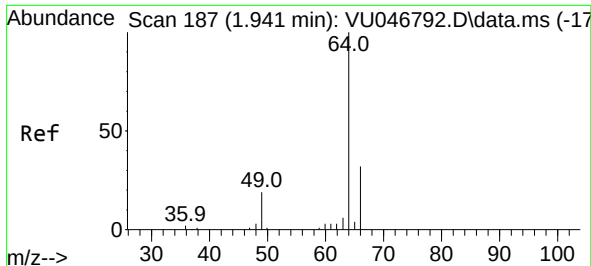
Tgt Ion: 62 Resp: 45130
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 4.820 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046819.D
 Acq: 21 Jan 2022 09:48

Tgt Ion: 94 Resp: 26061
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.5 121.6

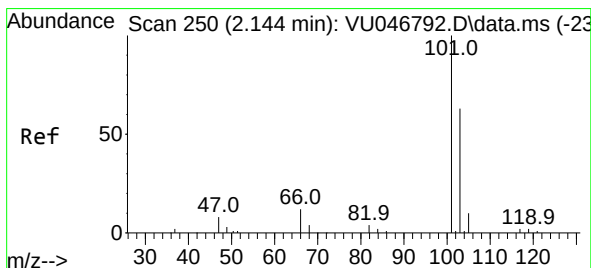
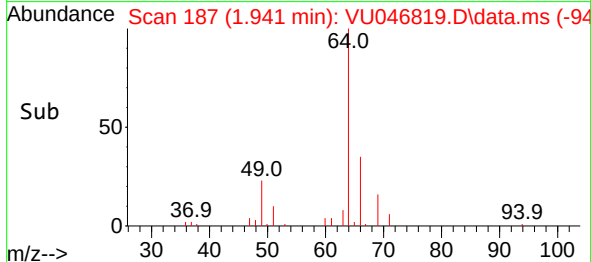
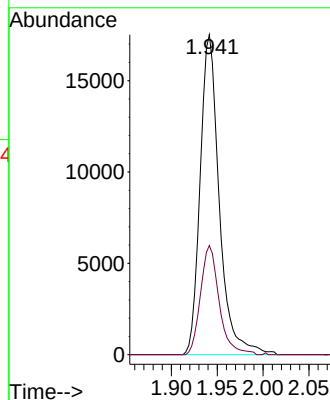
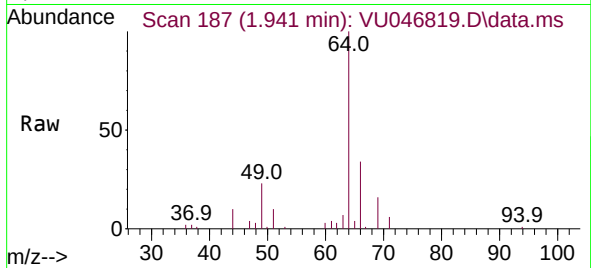




#8
Chloroethane
Concen: 5.113 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

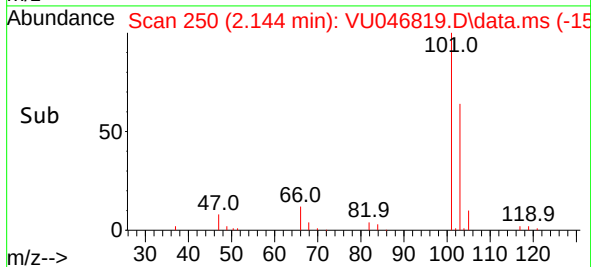
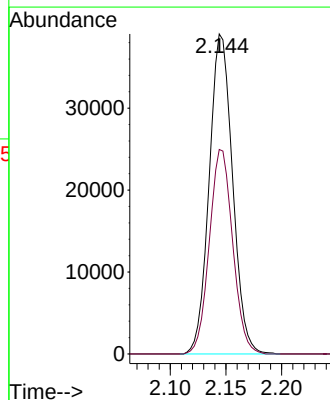
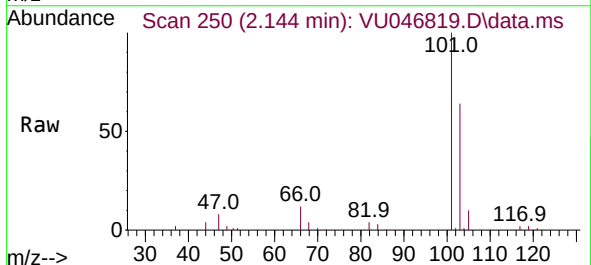
Instrument :
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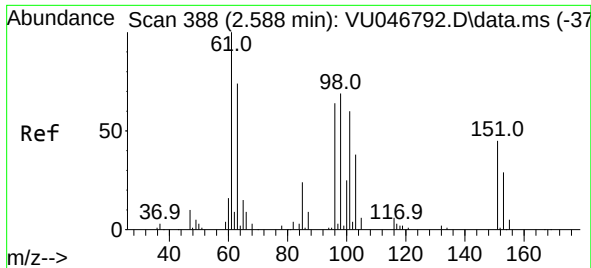
Tgt Ion: 64 Resp: 25432
Ion Ratio Lower Upper
64 100
66 34.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.415 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion:101 Resp: 57024
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

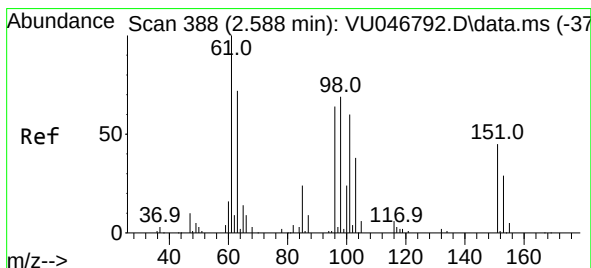
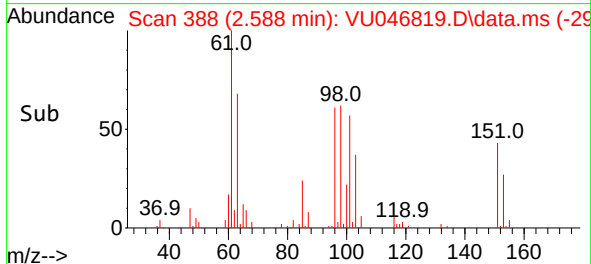
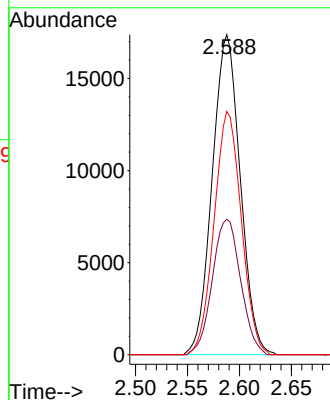
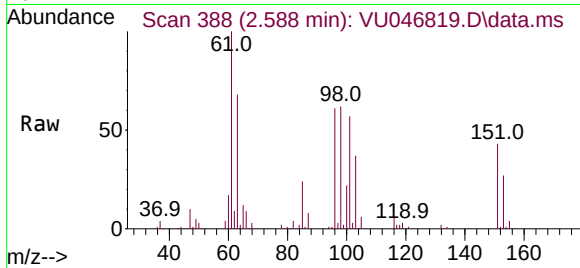




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.210 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046819.D
 Acq: 21 Jan 2022 09:48

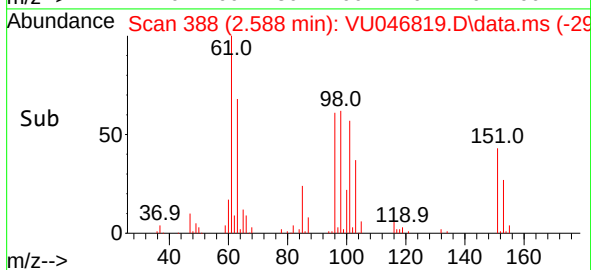
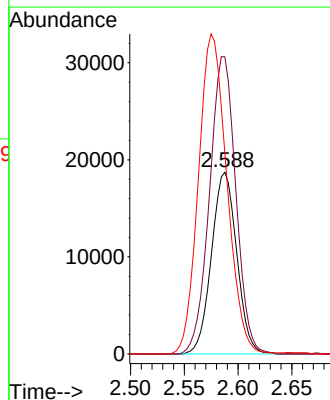
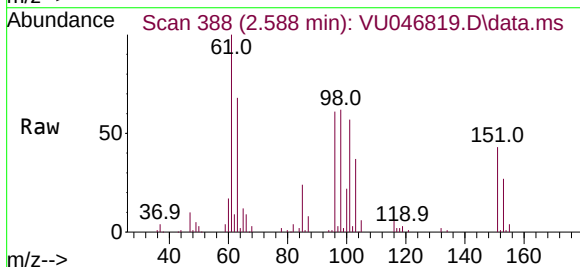
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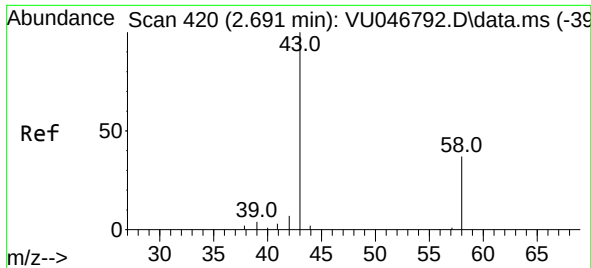
Tgt Ion:101 Resp: 32618
 Ion Ratio Lower Upper
 101 100
 85 42.8 34.6 51.8
 151 74.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.111 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046819.D
 Acq: 21 Jan 2022 09:48

Tgt Ion: 96 Resp: 30578
 Ion Ratio Lower Upper
 96 100
 61 163.4 124.7 231.5
 63 110.6 105.2 195.4





#13

Acetone

Concen: 48.962 ug/L

RT: 2.681 min Scan# 417

Delta R.T. -0.010 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

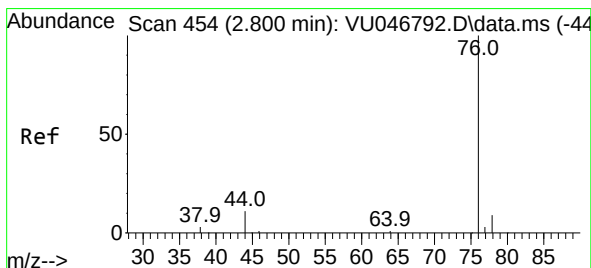
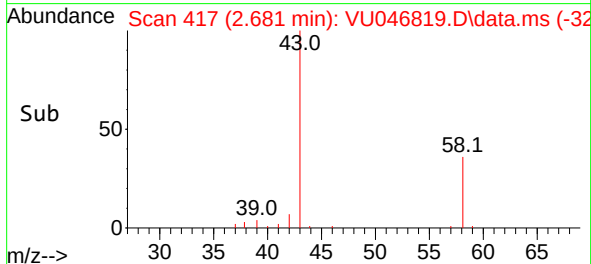
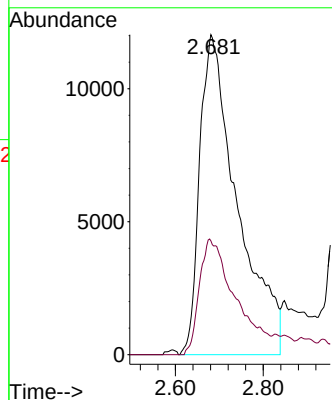
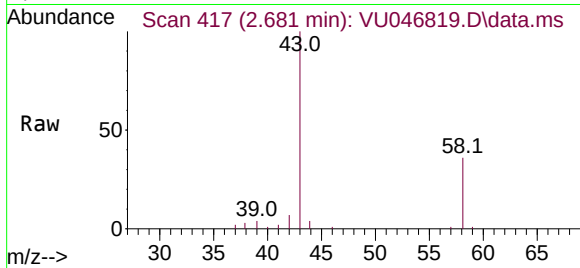
VSTD005170

Tgt Ion: 43 Resp: 71630

Ion Ratio Lower Upper

43 100

58 32.4 0.0 71.6



#14

Carbon disulfide

Concen: 4.936 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046819.D

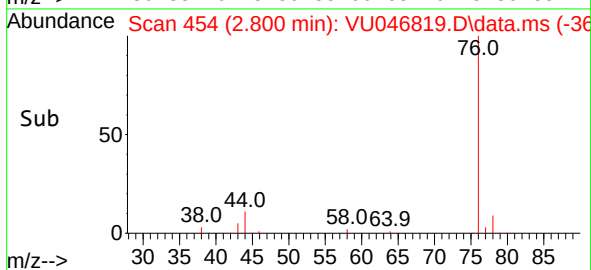
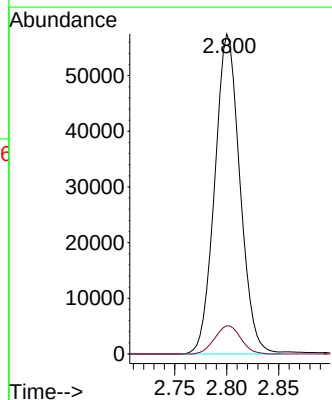
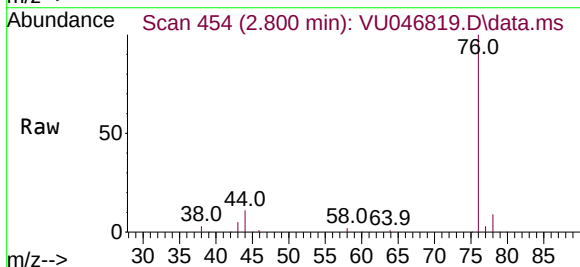
Acq: 21 Jan 2022 09:48

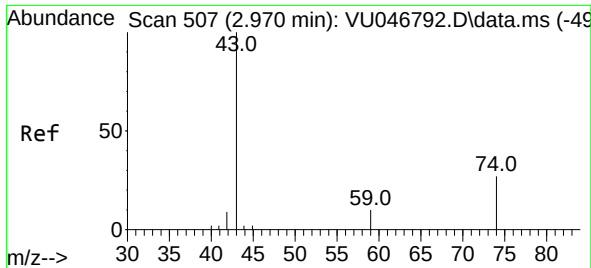
Tgt Ion: 76 Resp: 96989

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

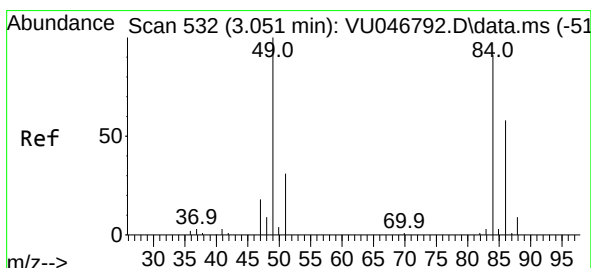
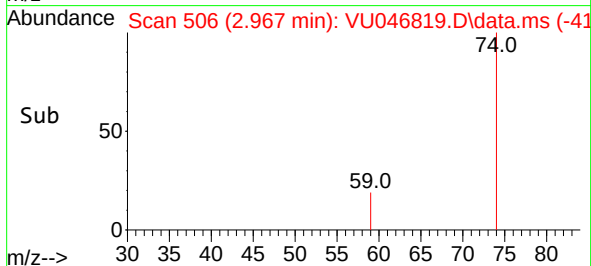
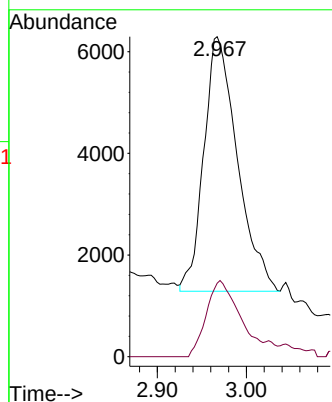
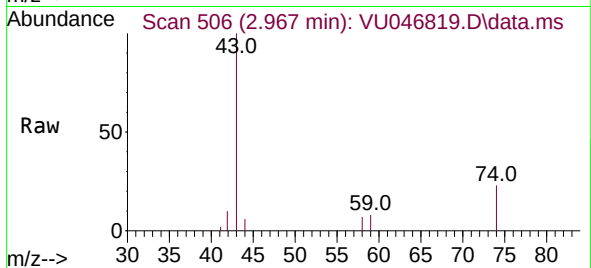




#15
Methyl Acetate
Concen: 4.112 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

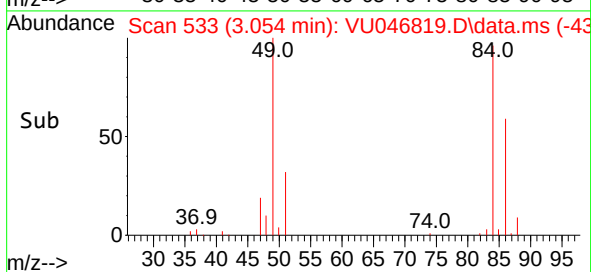
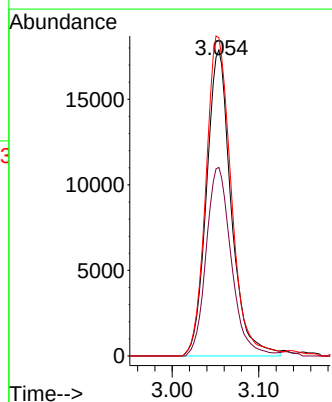
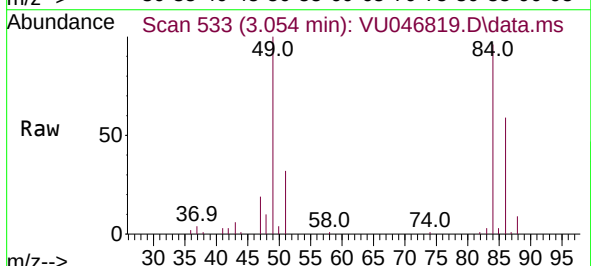
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

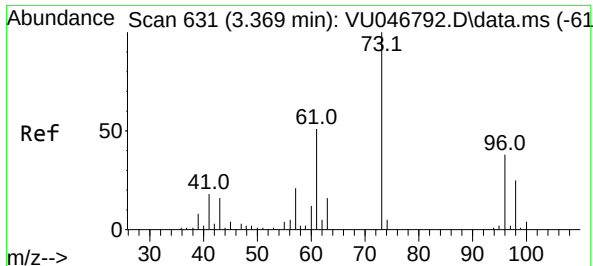
Tgt Ion: 43 Resp: 13141
Ion Ratio Lower Upper
43 100
74 29.7 19.1 28.7#



#16
Methylene chloride
Concen: 4.890 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion: 84 Resp: 35335
Ion Ratio Lower Upper
84 100
86 61.6 45.8 85.0
49 104.0 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.027 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD005170

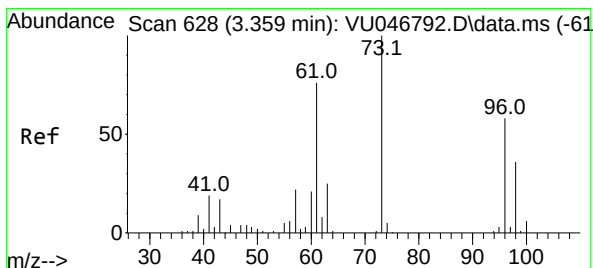
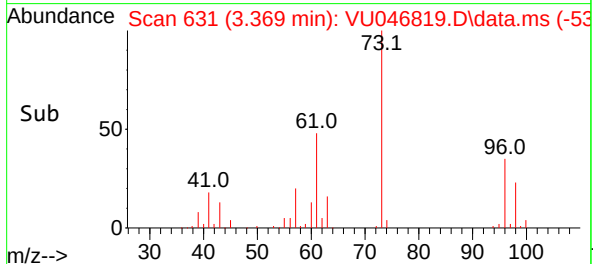
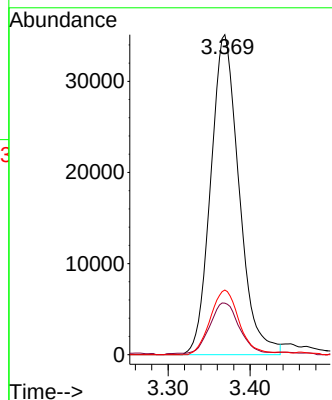
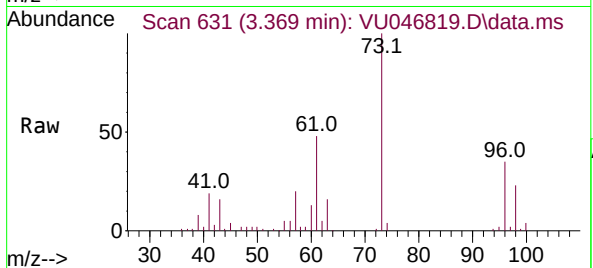
Tgt Ion: 73 Resp: 84386

Ion Ratio Lower Upper

73 100

43 17.5 14.8 22.2

57 20.5 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.986 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

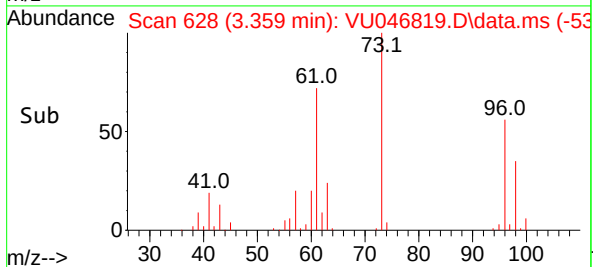
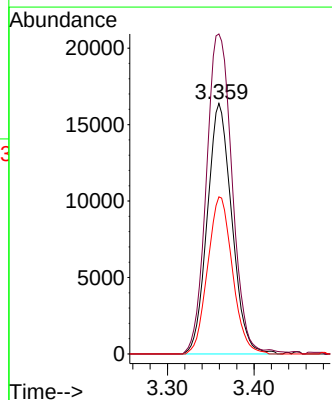
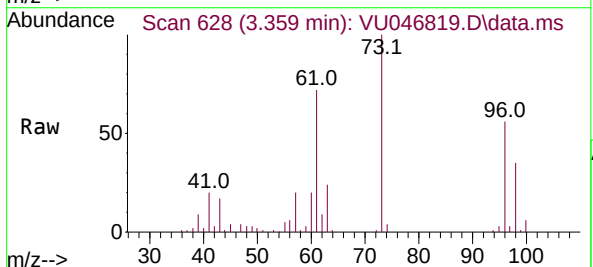
Tgt Ion: 96 Resp: 32313

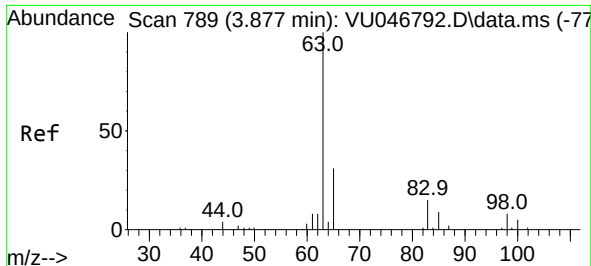
Ion Ratio Lower Upper

96 100

61 127.7 100.8 187.2

98 62.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.348 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD005170

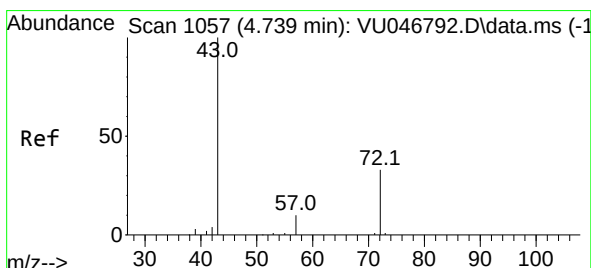
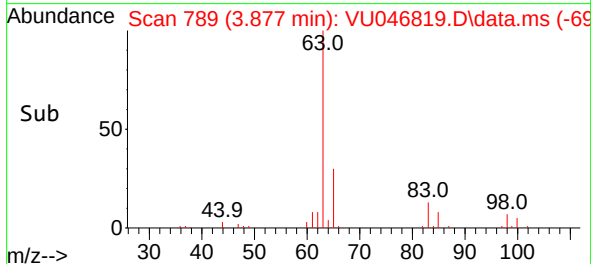
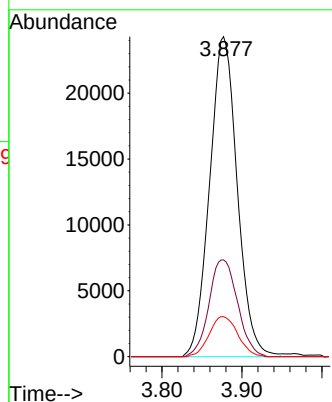
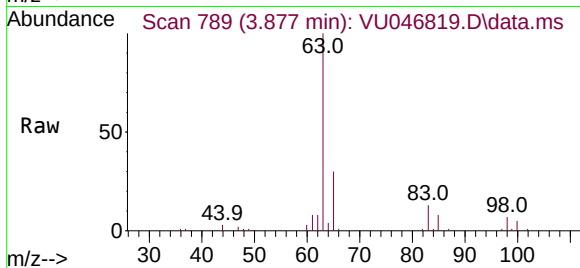
Tgt Ion: 63 Resp: 58187

Ion Ratio Lower Upper

63 100

65 30.2 22.3 41.5

83 12.5 9.6 17.8



#21

2-Butanone

Concen: 48.676 ug/L

RT: 4.736 min Scan# 1056

Delta R.T. -0.003 min

Lab File: VU046819.D

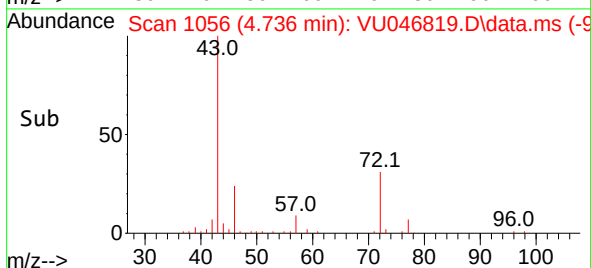
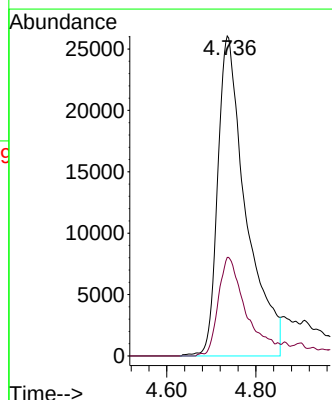
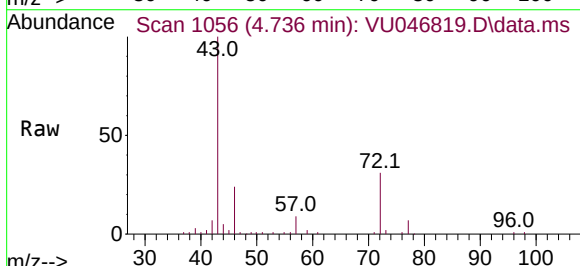
Acq: 21 Jan 2022 09:48

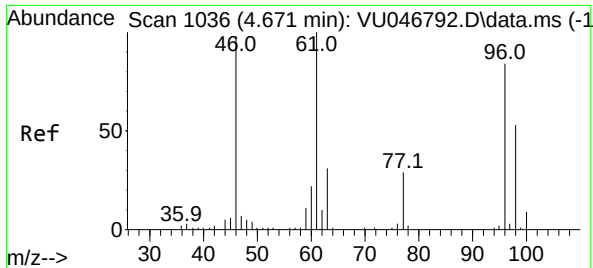
Tgt Ion: 43 Resp: 114525

Ion Ratio Lower Upper

43 100

72 28.5 14.1 42.3

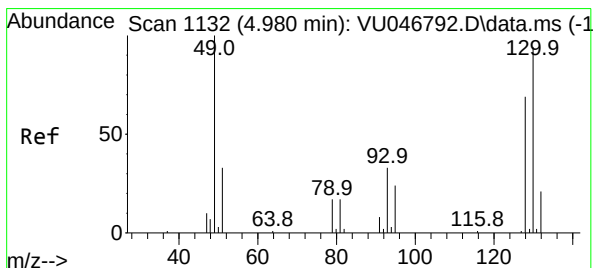
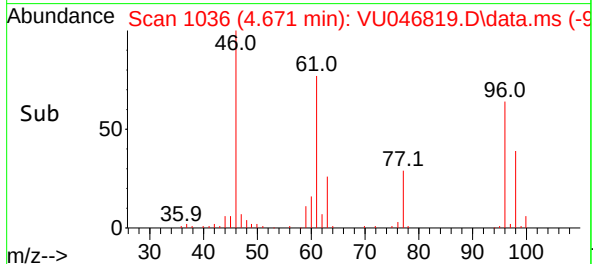
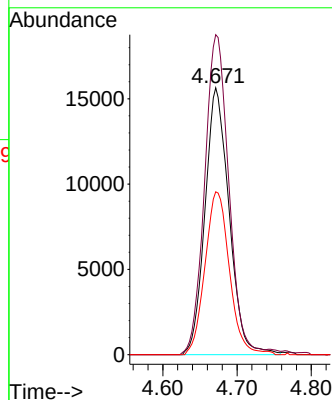
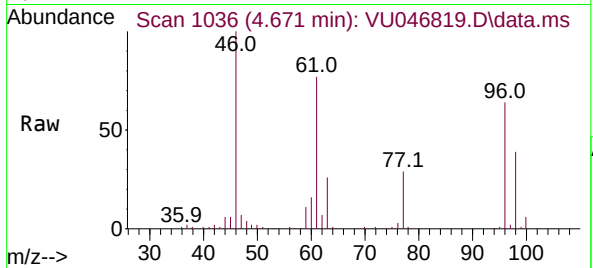




#22
cis-1,2-Dichloroethene
Concen: 5.170 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

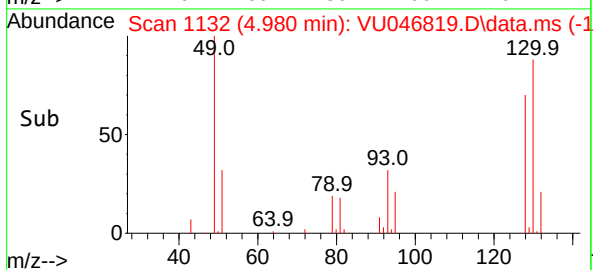
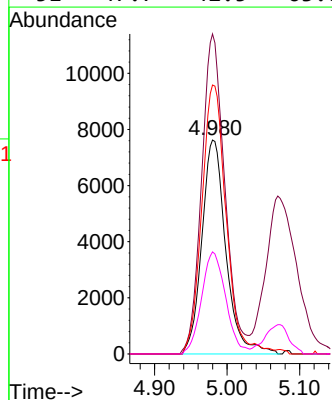
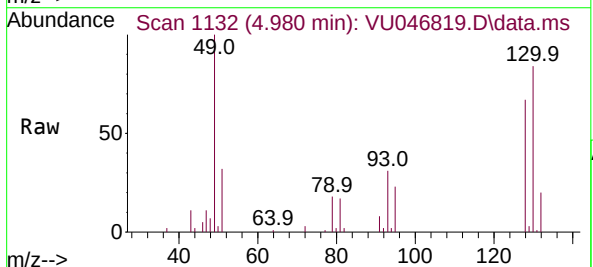
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

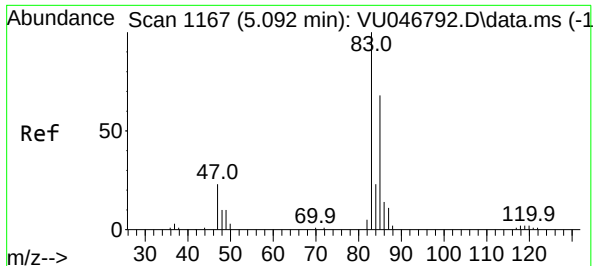
Tgt Ion: 96 Resp: 35346
Ion Ratio Lower Upper
96 100
61 119.9 88.5 164.3
98 61.1 44.4 82.5



#23
Bromochloromethane
Concen: 5.207 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion: 128 Resp: 17512
Ion Ratio Lower Upper
128 100
49 149.6 117.0 217.2
130 125.7 88.2 163.8
51 47.7 42.5 63.7





#25

Chloroform

Concen: 4.180 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

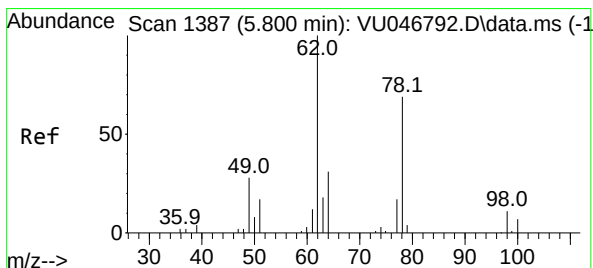
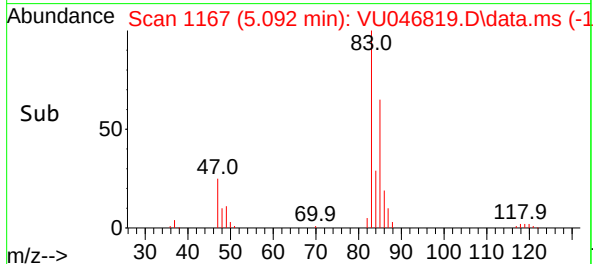
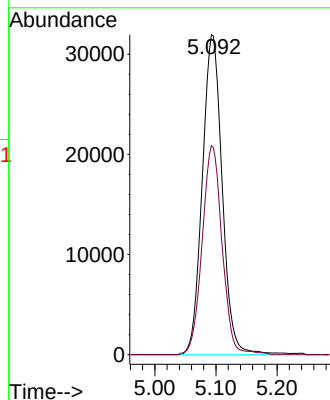
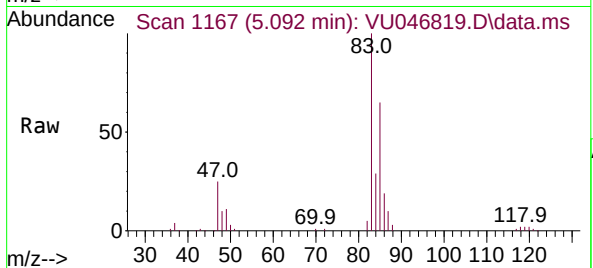
VSTD005170

Tgt Ion: 83 Resp: 72175

Ion Ratio Lower Upper

83 100

85 65.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.433 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046819.D

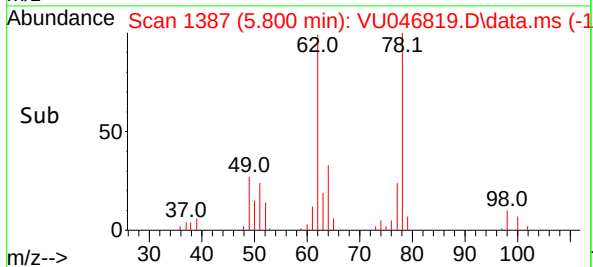
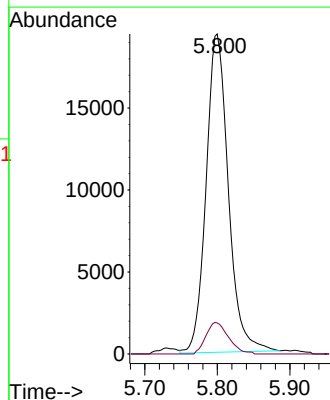
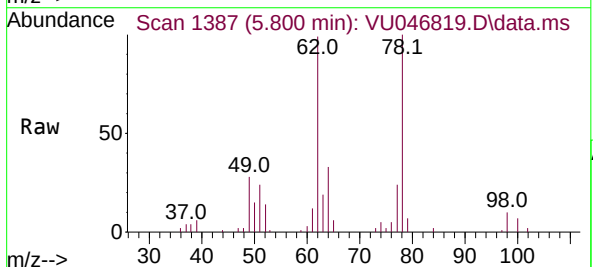
Acq: 21 Jan 2022 09:48

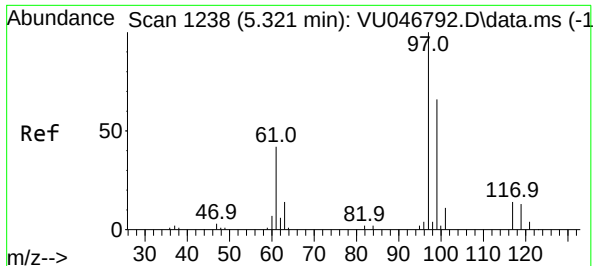
Tgt Ion: 62 Resp: 41406

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.249 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD005170

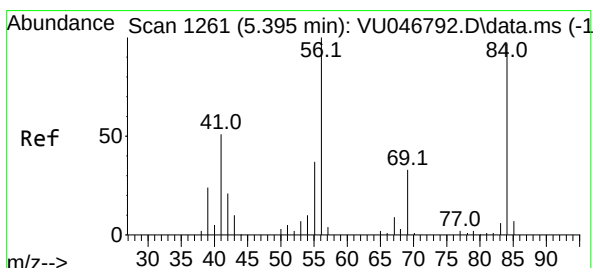
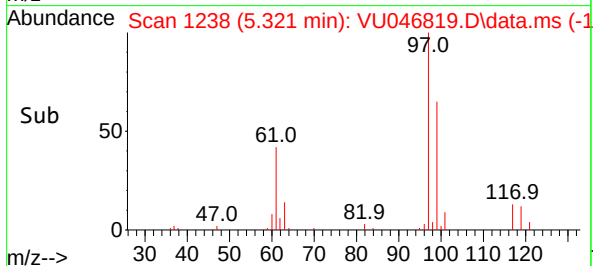
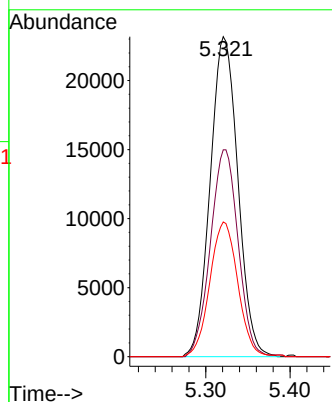
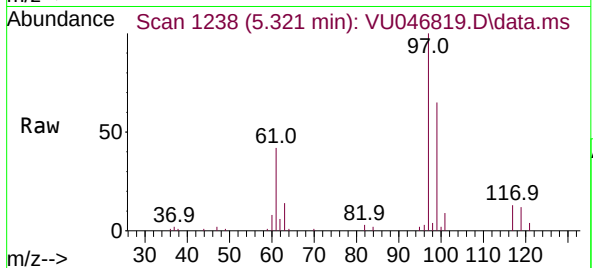
Tgt Ion: 97 Resp: 52828

Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 42.6 36.1 54.1



#30

Cyclohexane

Concen: 5.017 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

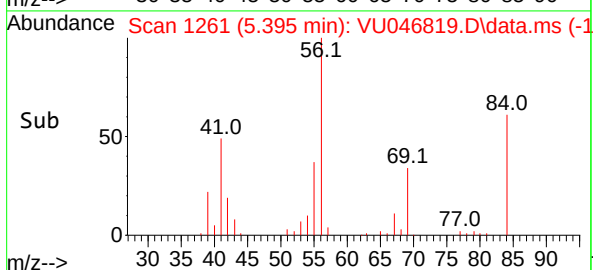
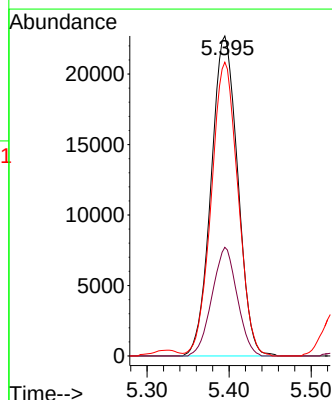
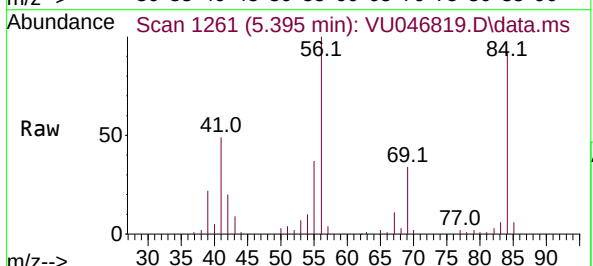
Tgt Ion: 56 Resp: 51213

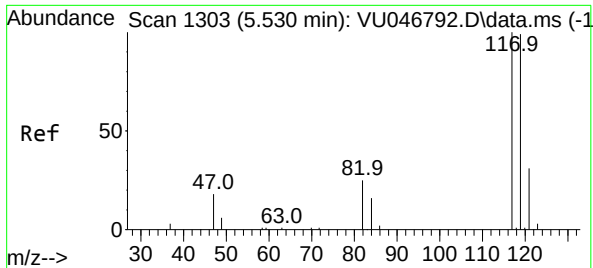
Ion Ratio Lower Upper

56 100

69 32.1 24.7 37.1

84 92.3 71.8 107.6

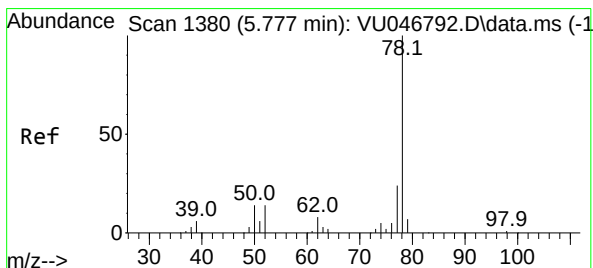
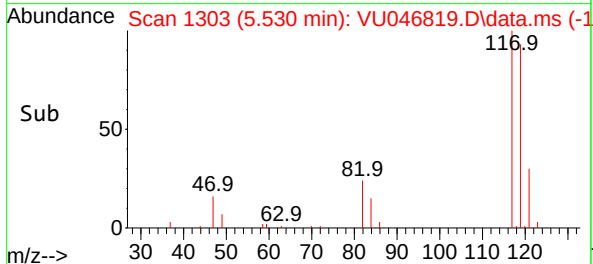
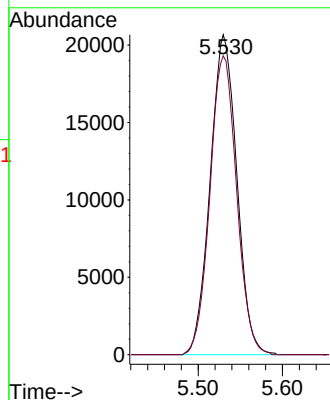
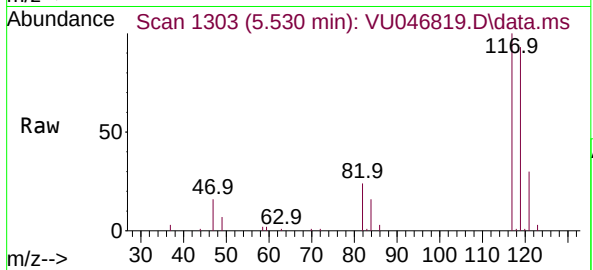




#31
Carbon tetrachloride
Concen: 5.252 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

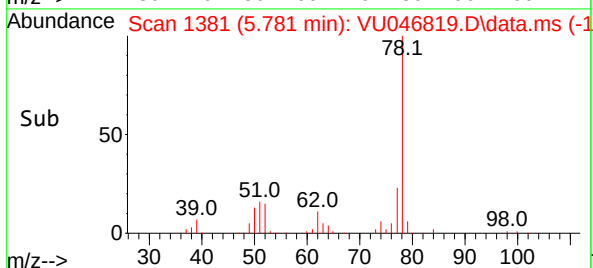
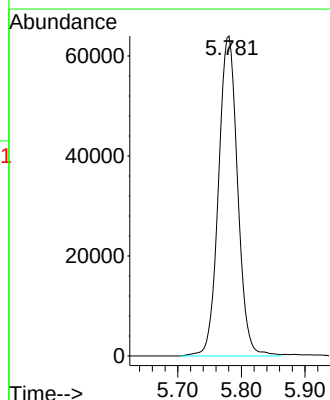
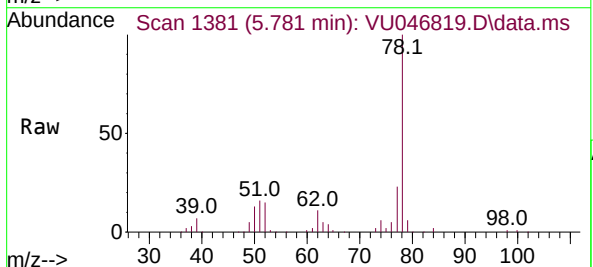
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

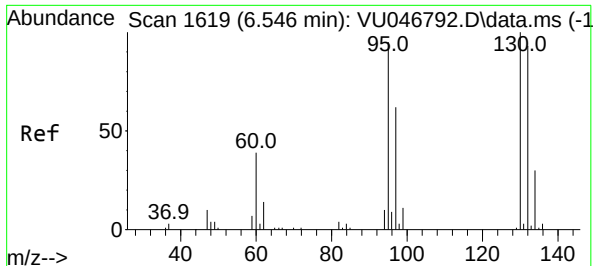
Tgt Ion:117 Resp: 45355
Ion Ratio Lower Upper
117 100
119 93.5 77.5 116.3



#33
Benzene
Concen: 5.081 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion: 78 Resp: 133670

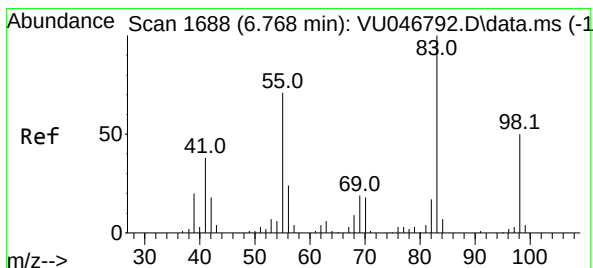
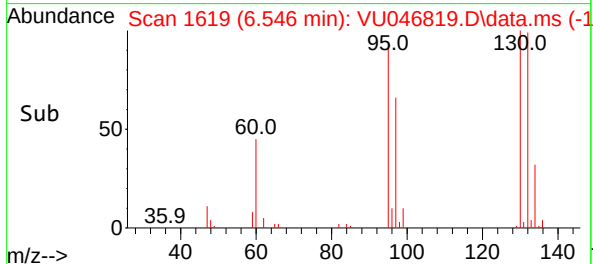
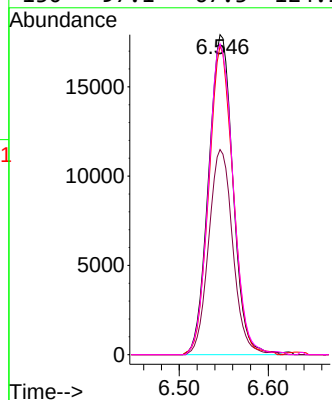
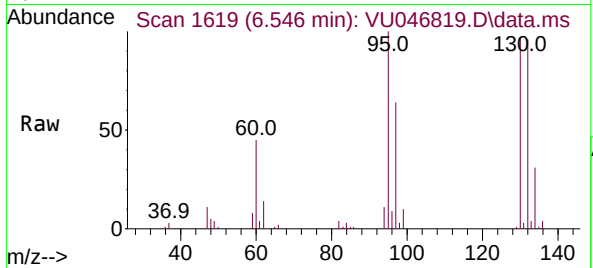




#34
Trichloroethene
Concen: 4.998 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

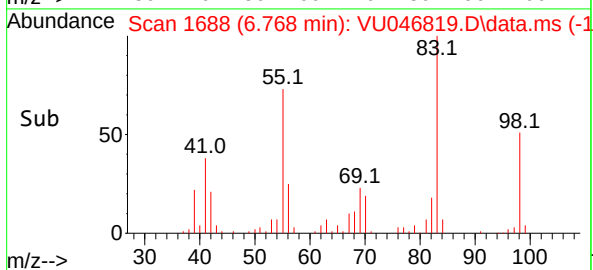
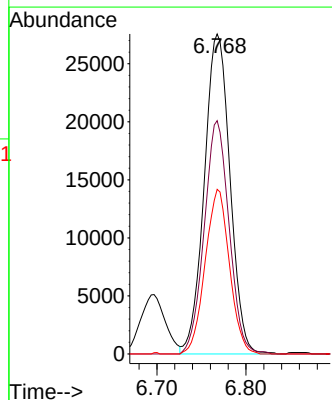
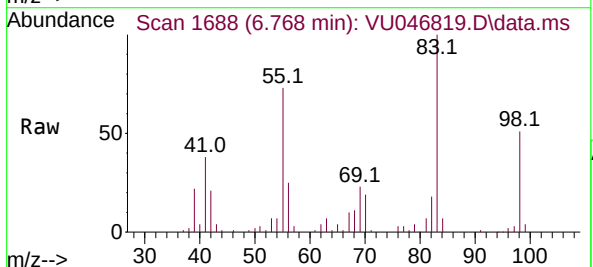
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

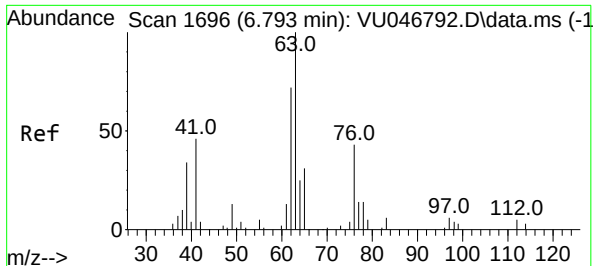
Tgt Ion: 95 Resp: 34140
Ion Ratio Lower Upper
95 100
97 64.1 46.5 86.5
132 96.4 65.1 120.9
130 97.1 67.3 124.9



#35
Methylcyclohexane
Concen: 4.838 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion: 83 Resp: 55352
Ion Ratio Lower Upper
83 100
55 70.5 61.9 92.9
98 48.5 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.295 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

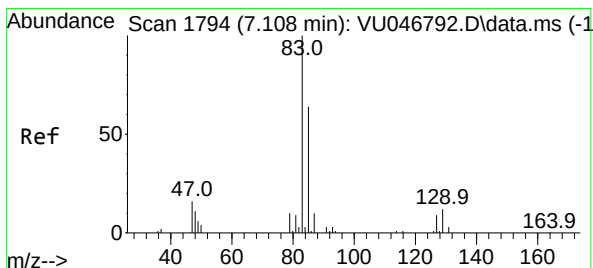
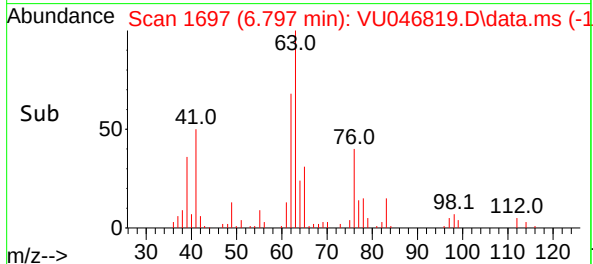
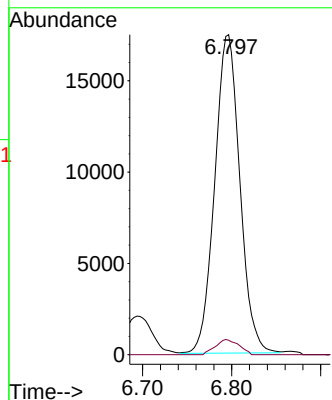
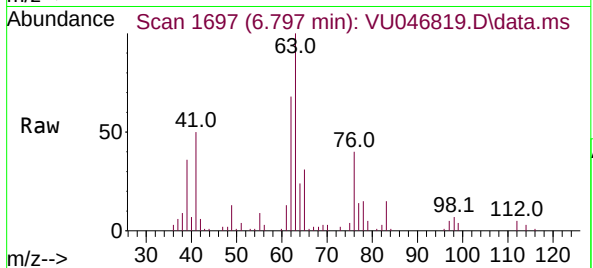
VSTD005170

Tgt Ion: 63 Resp: 34174

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 4.928 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

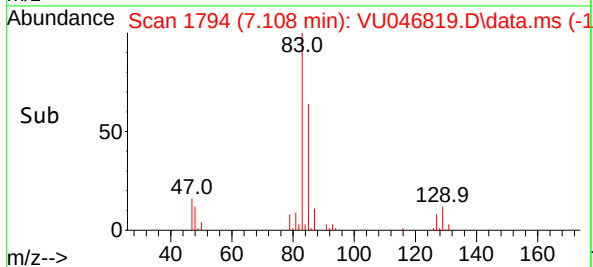
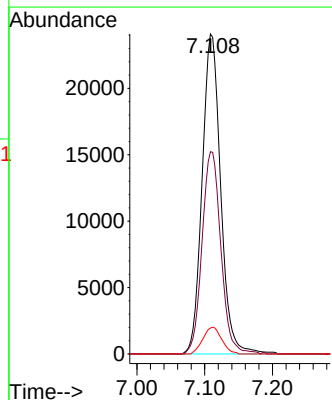
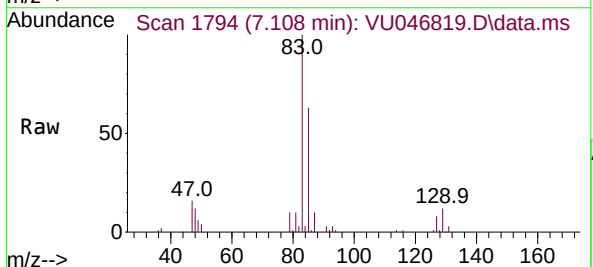
Tgt Ion: 83 Resp: 45773

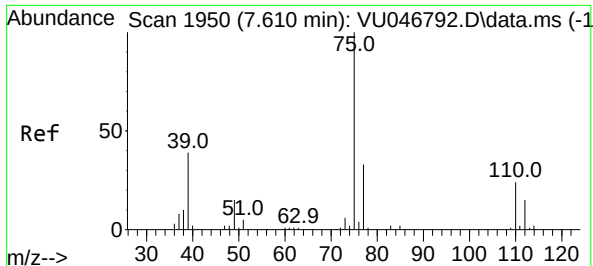
Ion Ratio Lower Upper

83 100

85 63.2 44.0 81.8

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.844 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

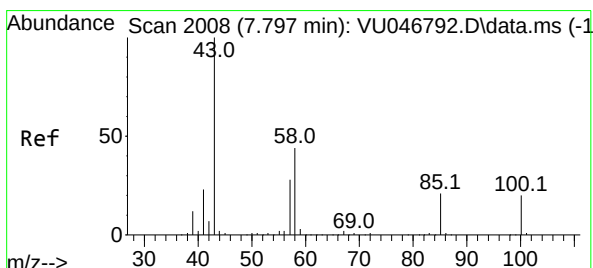
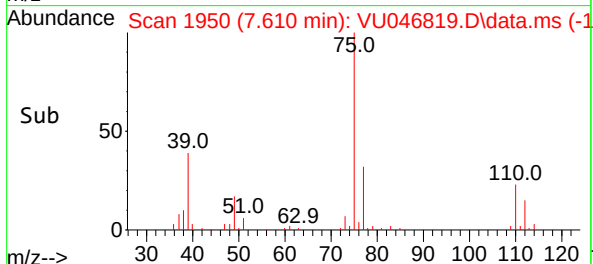
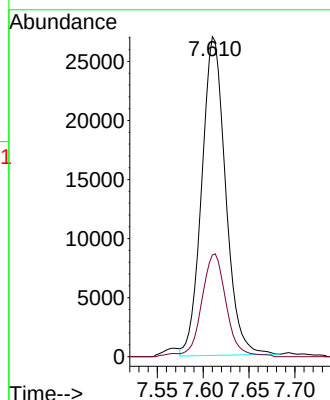
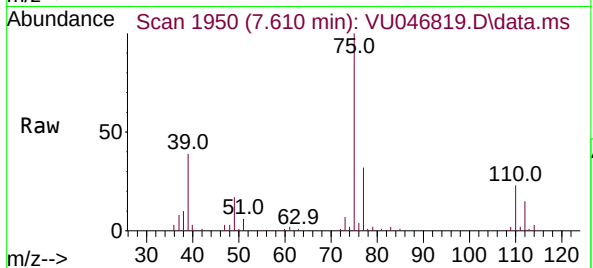
VSTD005170

Tgt Ion: 75 Resp: 48774

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 59.743 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

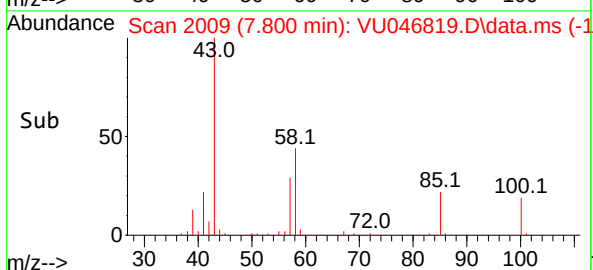
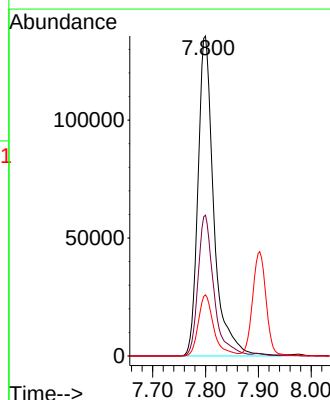
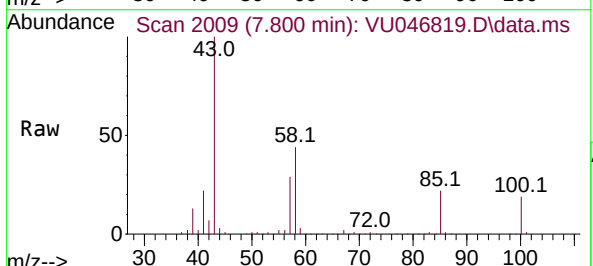
Tgt Ion: 43 Resp: 282668

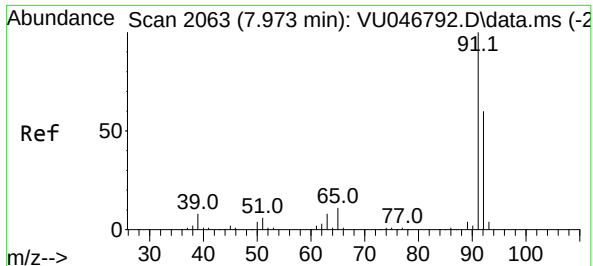
Ion Ratio Lower Upper

43 100

58 43.9 33.1 49.7

100 18.6 13.2 19.8





#42

Toluene

Concen: 4.574 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

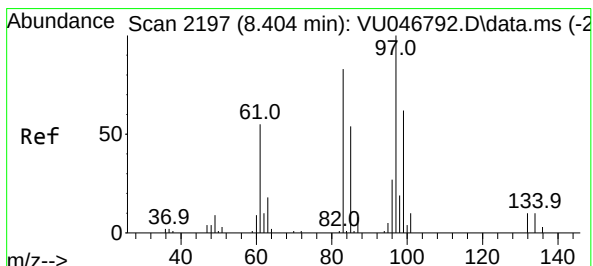
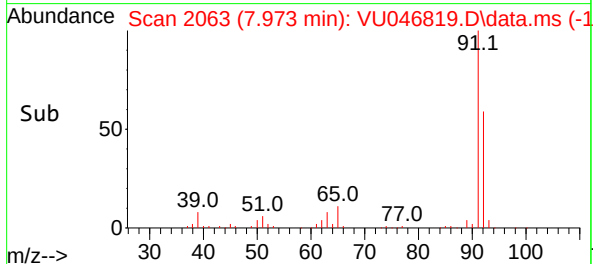
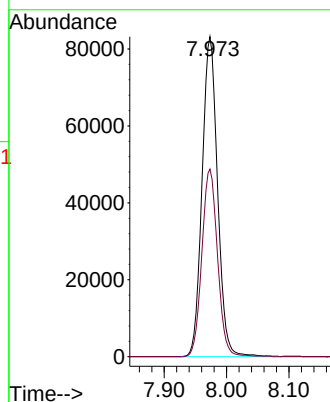
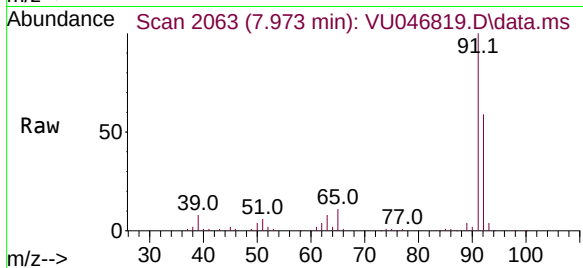
VSTD005170

Tgt Ion: 91 Resp: 143828

Ion Ratio Lower Upper

91 100

92 58.7 41.3 76.7



#45

1,1,2-Trichloroethane

Concen: 5.517 ug/L

RT: 8.404 min Scan# 2197

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Tgt Ion: 97 Resp: 30295

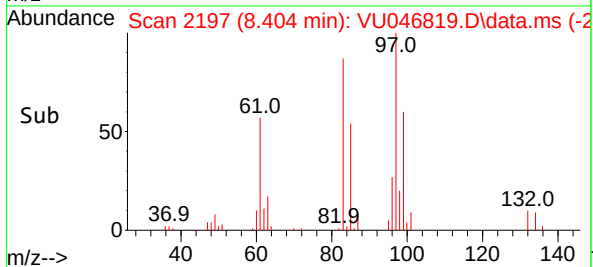
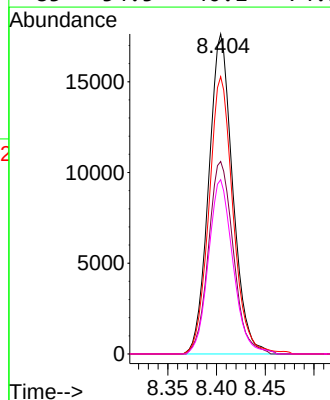
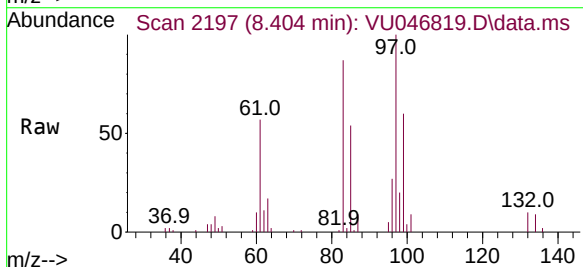
Ion Ratio Lower Upper

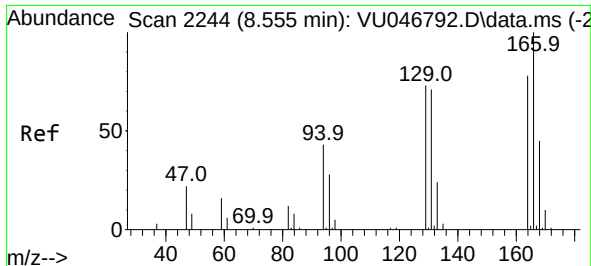
97 100

99 60.1 42.3 78.5

83 86.7 62.0 115.2

85 54.5 40.1 74.5





#47

Tetrachloroethene

Concen: 4.682 ug/L

RT: 8.559 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD005170

Tgt Ion:164 Resp: 26010

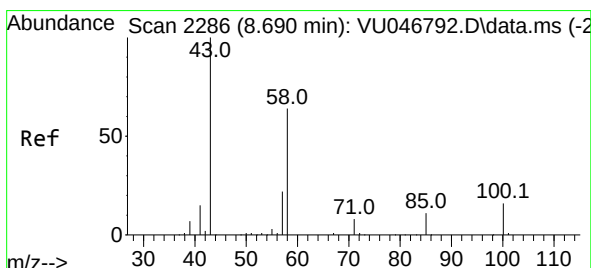
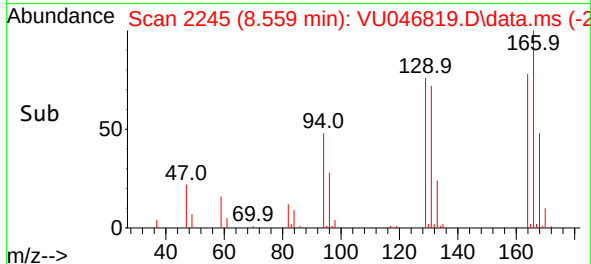
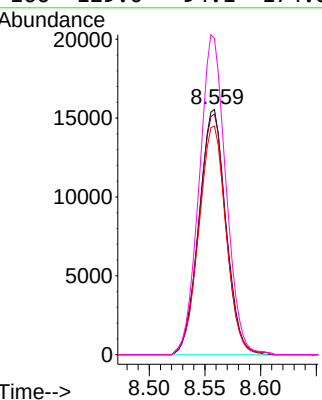
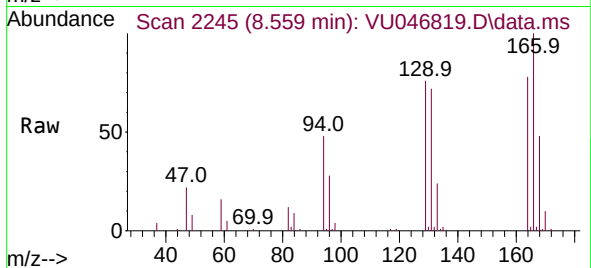
Ion Ratio Lower Upper

164 100

129 98.1 71.8 133.4

131 93.2 68.5 127.3

166 129.0 94.1 174.8



#48

2-Hexanone

Concen: 61.200 ug/L

RT: 8.694 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Tgt Ion: 43 Resp: 218567

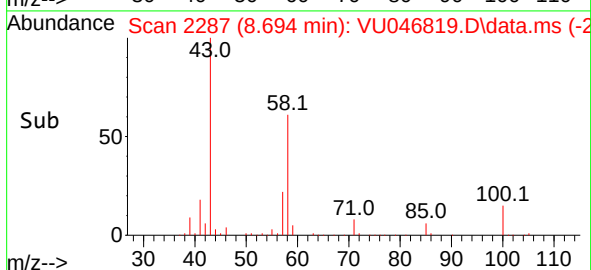
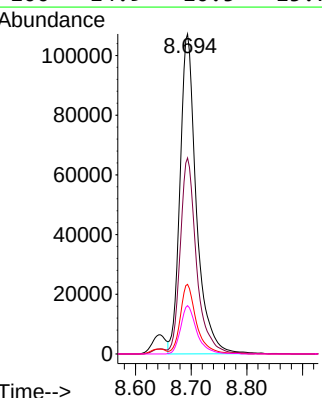
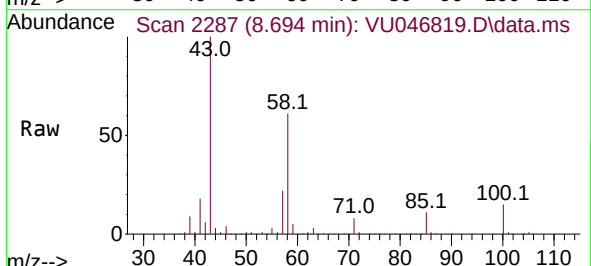
Ion Ratio Lower Upper

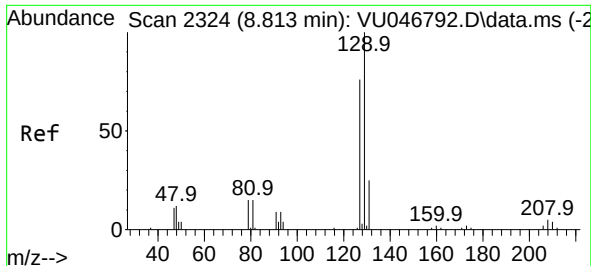
43 100

58 60.9 46.7 70.1

57 21.6 16.3 24.5

100 14.9 10.5 15.7





#49

Dibromochloromethane

Concen: 5.333 ug/L

RT: 8.813 min Scan# 2324

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

Instrument :

MSVOA_U

ClientSampleId :

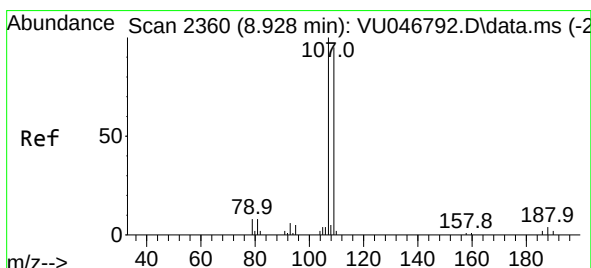
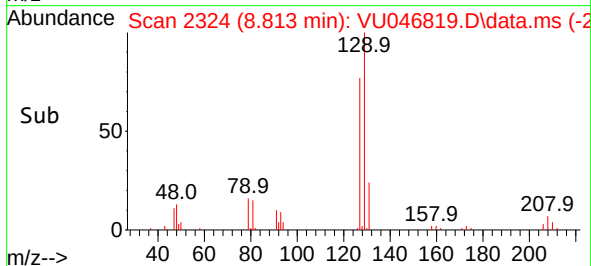
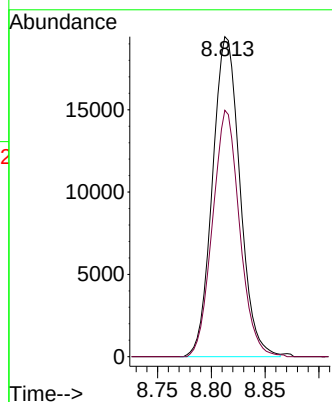
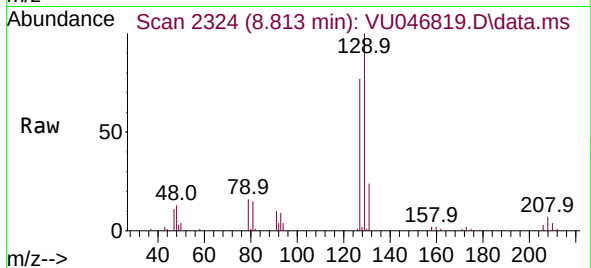
VSTD005170

Tgt Ion:129 Resp: 34540

Ion Ratio Lower Upper

129 100

127 77.0 55.4 102.8



#50

1,2-Dibromoethane

Concen: 5.395 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VU046819.D

Acq: 21 Jan 2022 09:48

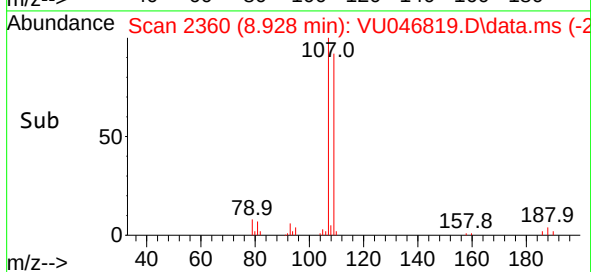
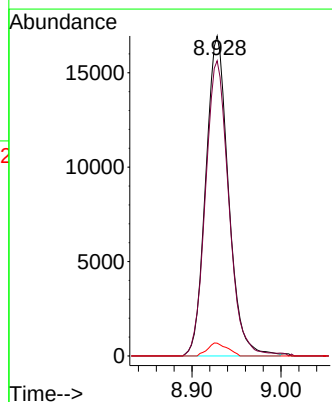
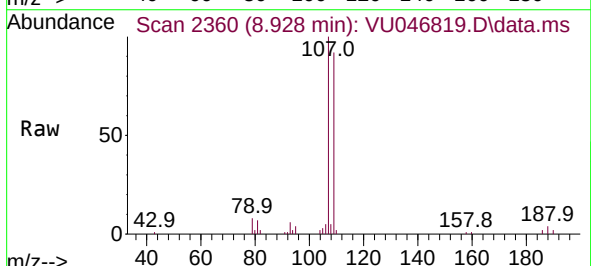
Tgt Ion:107 Resp: 30026

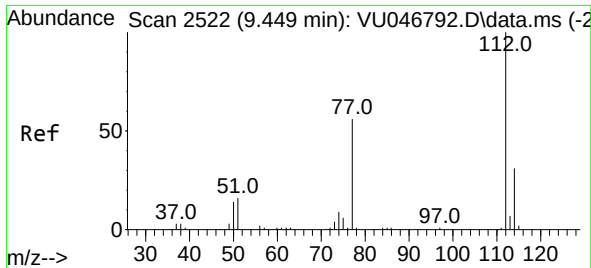
Ion Ratio Lower Upper

107 100

109 92.2 64.0 119.0

188 4.0 2.4 3.6#

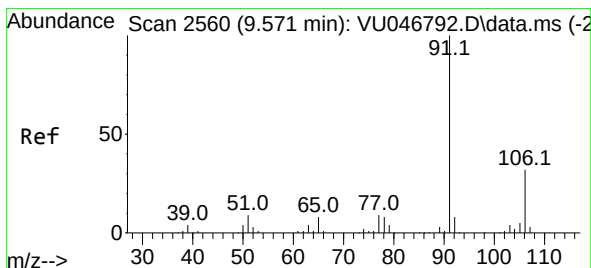
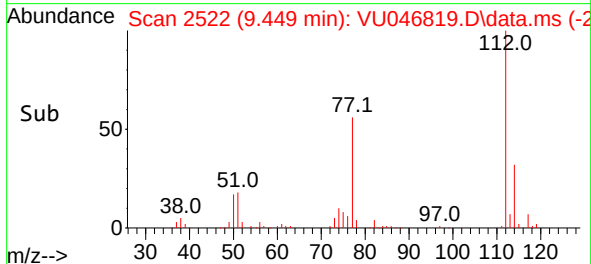
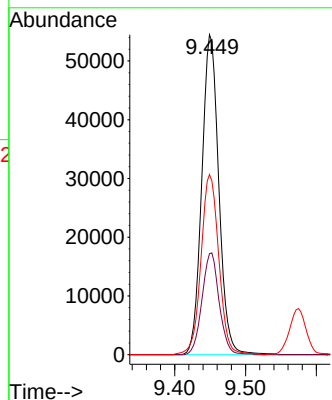
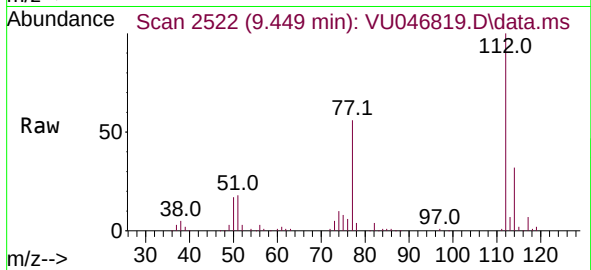




#51
Chlorobenzene
Concen: 4.977 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

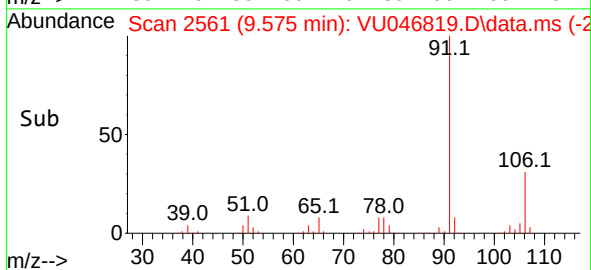
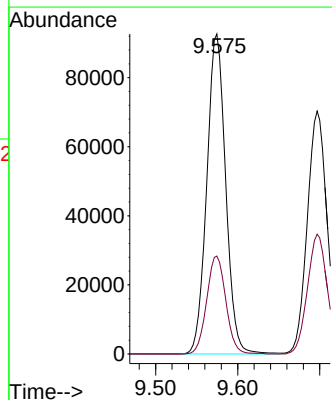
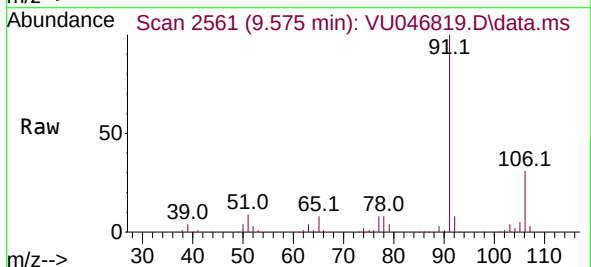
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

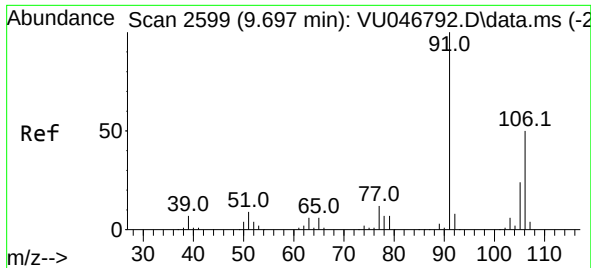
Tgt Ion:112 Resp: 90892
Ion Ratio Lower Upper
112 100
114 31.5 22.1 41.1
77 56.3 48.3 72.5



#52
Ethylbenzene
Concen: 4.955 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion: 91 Resp: 148150
Ion Ratio Lower Upper
91 100
106 30.6 21.5 39.9

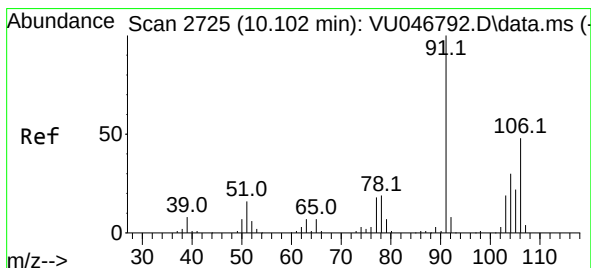
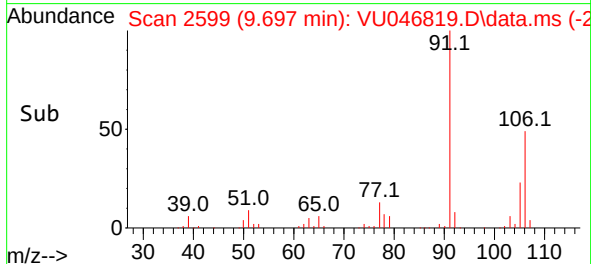
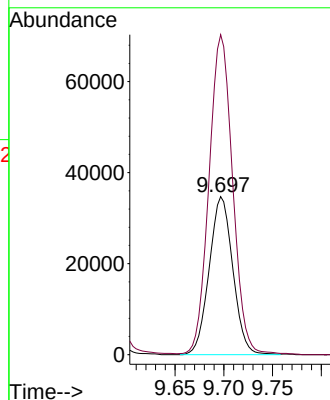
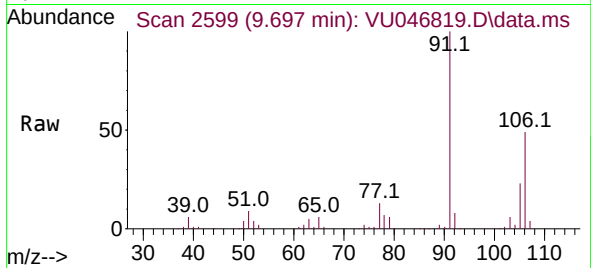




#53
m,p-Xylene
Concen: 4.920 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

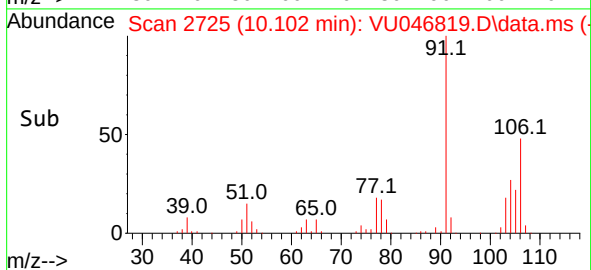
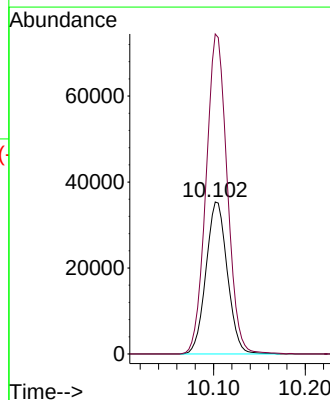
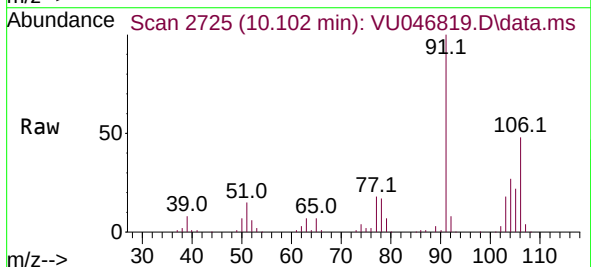
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

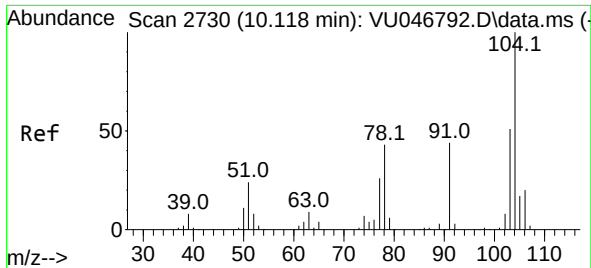
Tgt Ion:106 Resp: 58633
Ion Ratio Lower Upper
106 100
91 202.5 139.4 259.0



#54
o-Xylene
Concen: 4.955 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion:106 Resp: 57243
Ion Ratio Lower Upper
106 100
91 210.5 147.5 273.9

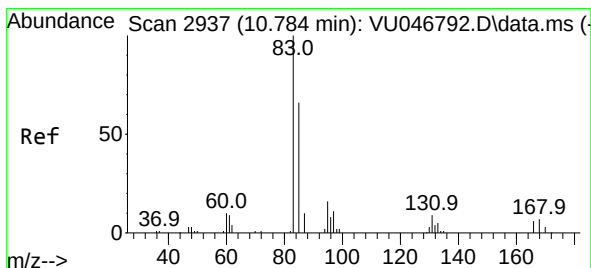
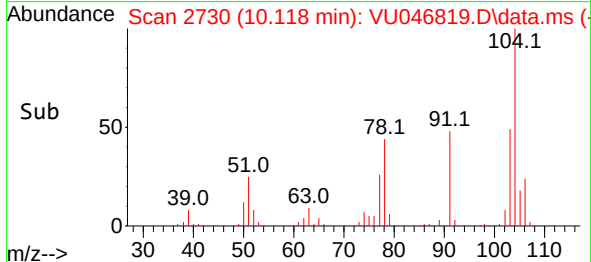
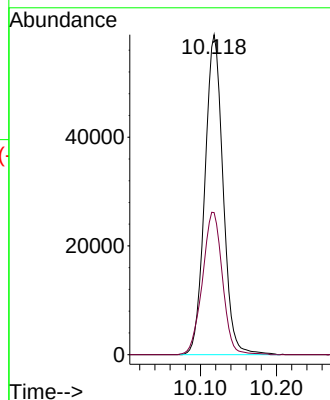
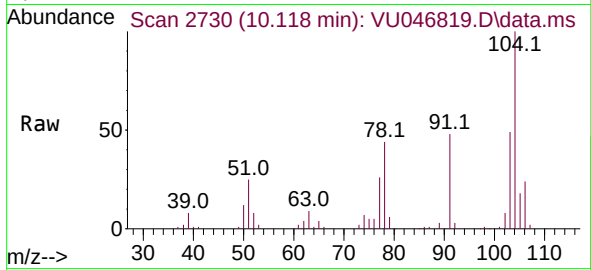




#55
Styrene
Concen: 5.177 ug/L
RT: 10.118 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

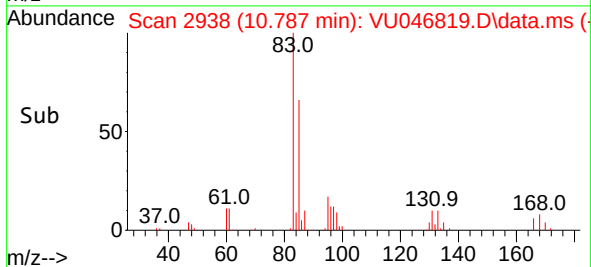
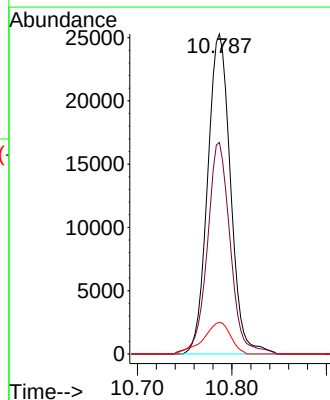
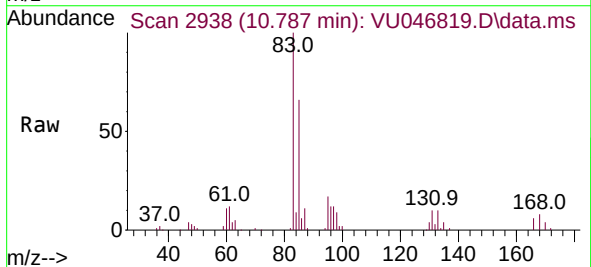
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

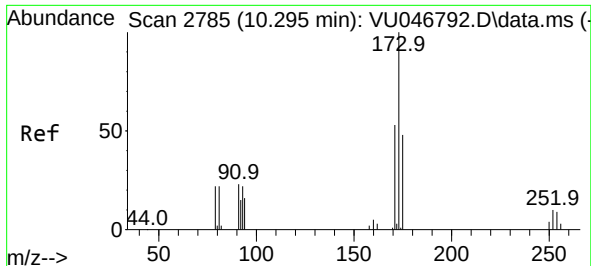
Tgt Ion:104 Resp: 97828
Ion Ratio Lower Upper
104 100
78 44.4 33.0 61.4



#57
1,1,2,2-Tetrachloroethane
Concen: 5.755 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion: 83 Resp: 42492
Ion Ratio Lower Upper
83 100
85 66.1 47.9 89.1
131 9.9 8.1 12.1

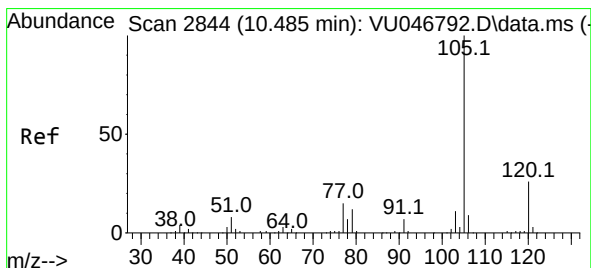
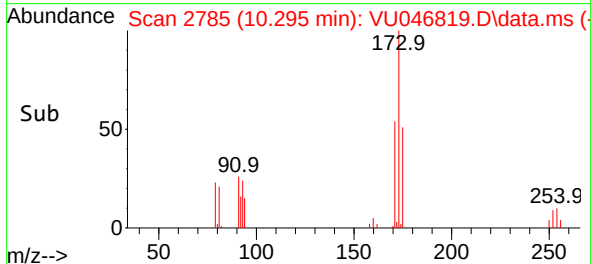
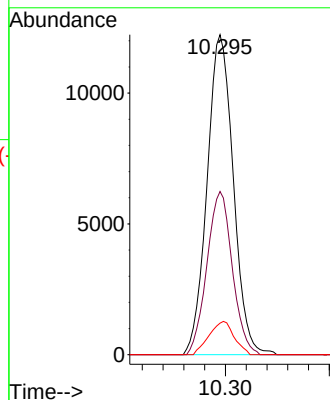
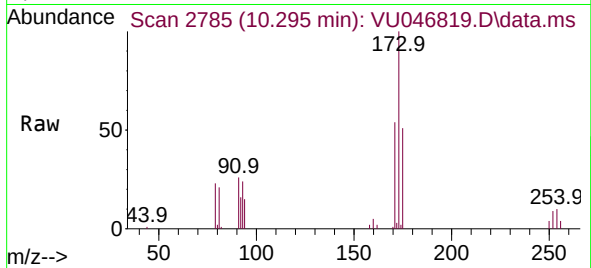




#59
Bromoform
Concen: 5.553 ug/L
RT: 10.295 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

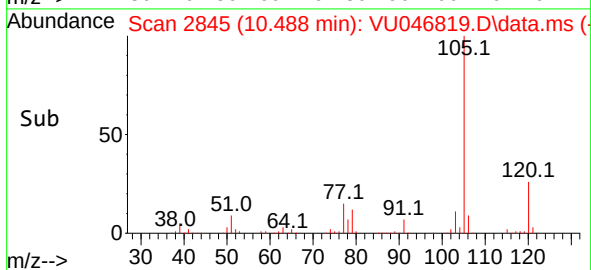
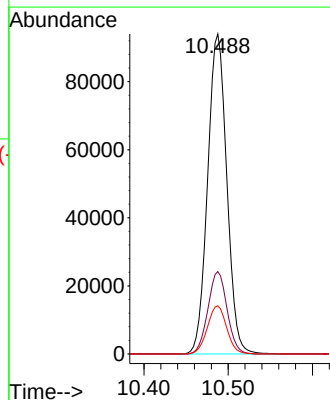
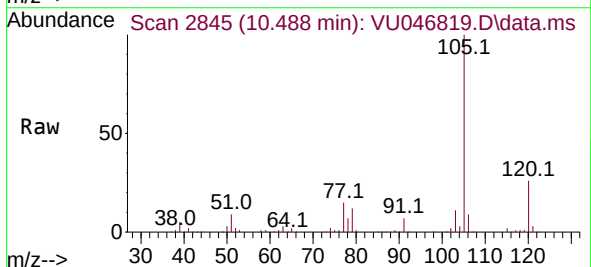
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

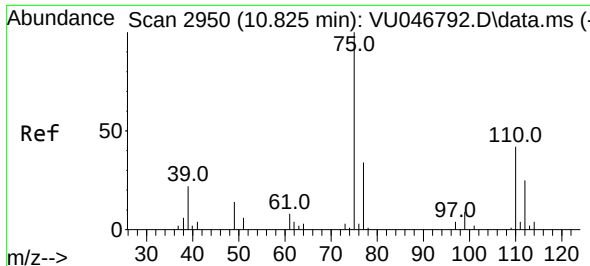
Tgt Ion:	173	Resp:	21418
Ion Ratio	Lower	Upper	
173	100		
175	49.3	37.8	56.6
254	9.9	7.3	10.9



#60
Isopropylbenzene
Concen: 5.097 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion:	105	Resp:	148727
Ion Ratio	Lower	Upper	
105	100		
120	25.7	20.7	31.1
77	15.2	12.6	19.0

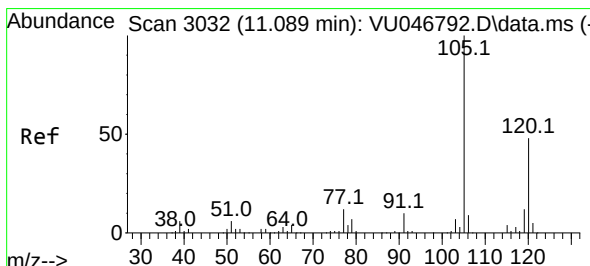
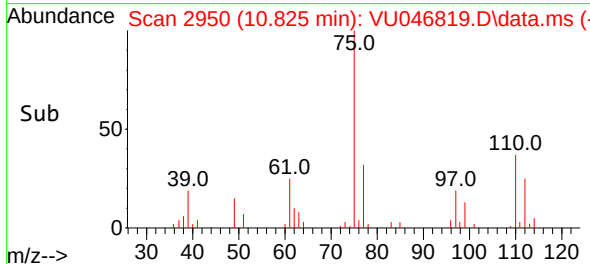
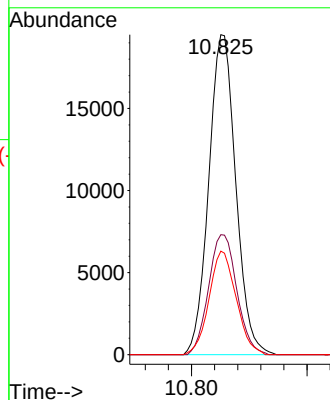
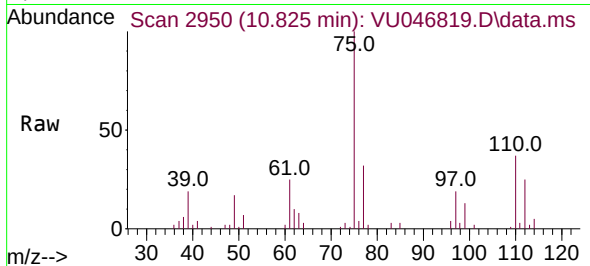




#61
 1,2,3-Trichloropropane
 Concen: 5.960 ug/L
 RT: 10.825 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: VU046819.D
 Acq: 21 Jan 2022 09:48

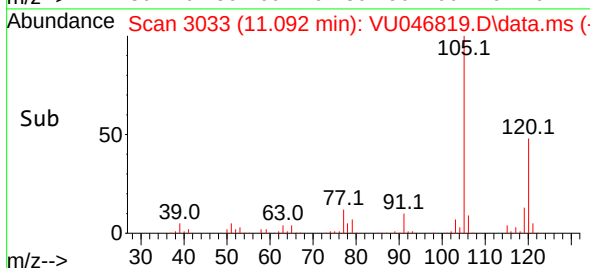
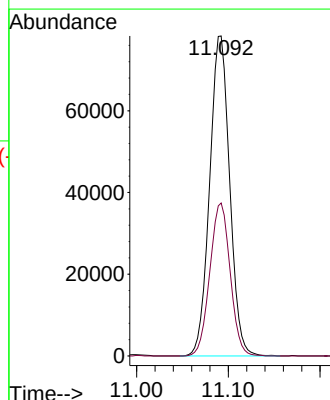
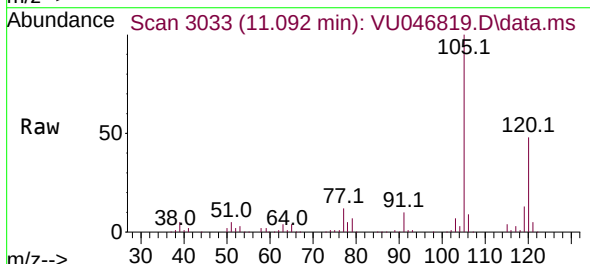
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

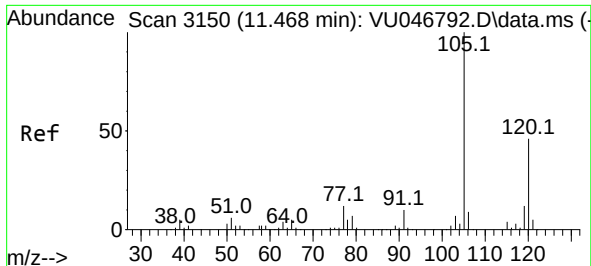
Tgt Ion: 75 Resp: 31631
 Ion Ratio Lower Upper
 75 100
 110 39.3 29.9 44.9
 77 32.5 25.5 38.3



#62
 1,3,5-Trimethylbenzene
 Concen: 4.956 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. 0.003 min
 Lab File: VU046819.D
 Acq: 21 Jan 2022 09:48

Tgt Ion: 105 Resp: 118686
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.3 57.5

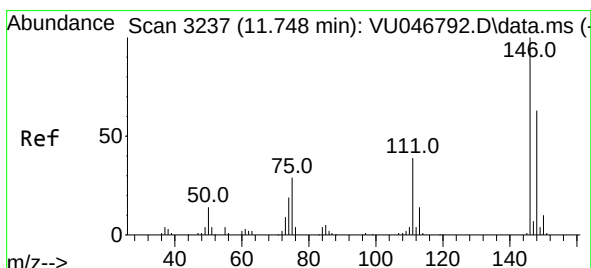
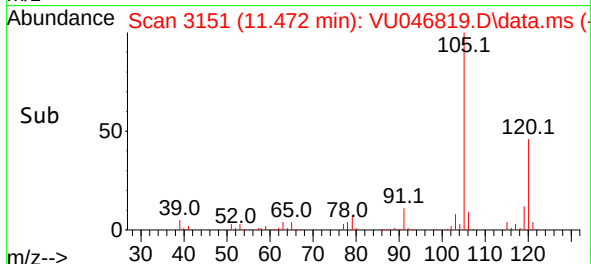
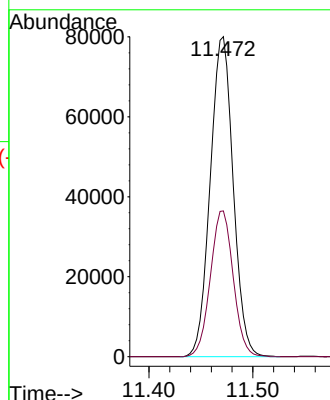
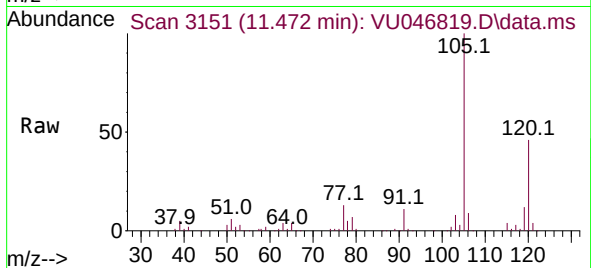




#63
1,2,4-Trimethylbenzene
Concen: 4.983 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

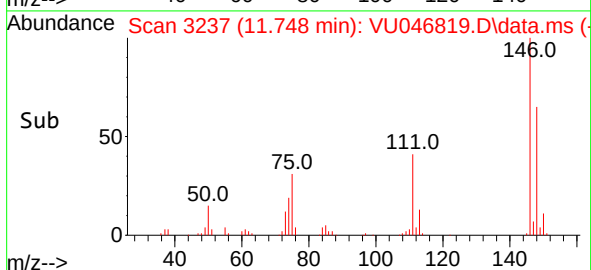
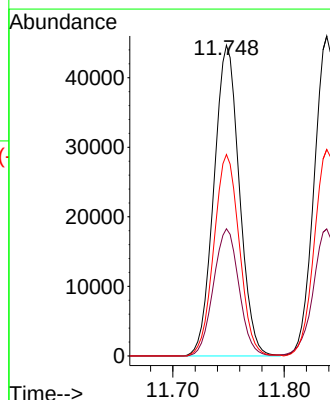
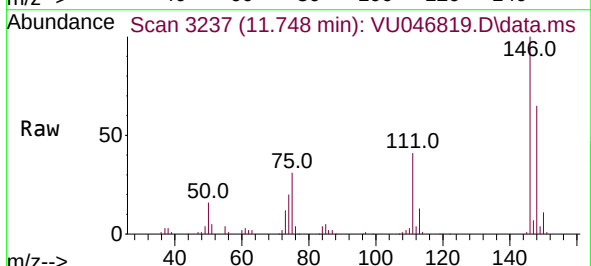
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

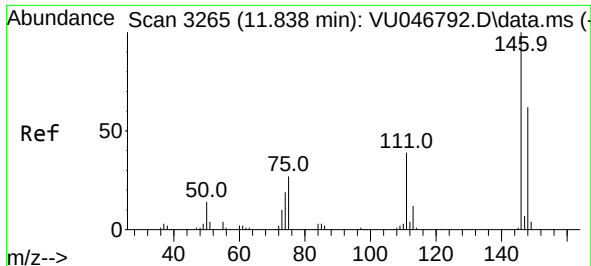
Tgt Ion:105 Resp: 122798
Ion Ratio Lower Upper
105 100
120 45.3 35.8 53.8



#64
1,3-Dichlorobenzene
Concen: 4.866 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion:146 Resp: 70963
Ion Ratio Lower Upper
146 100
111 40.9 29.9 55.5
148 64.8 44.3 82.3

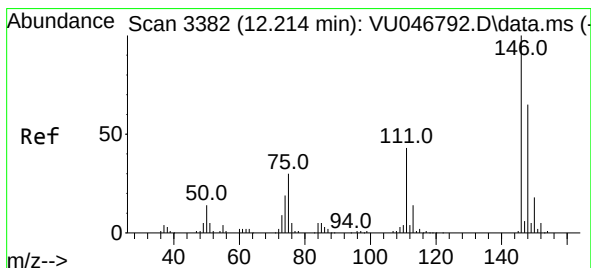
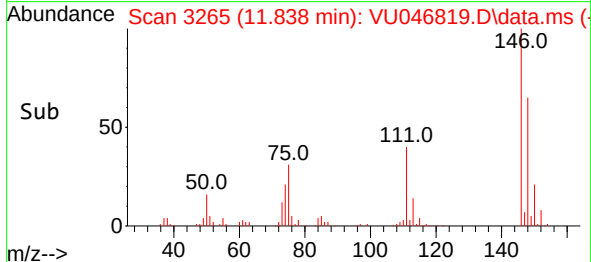
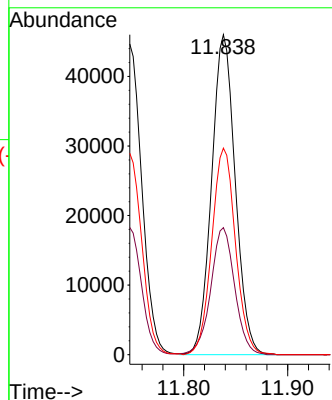
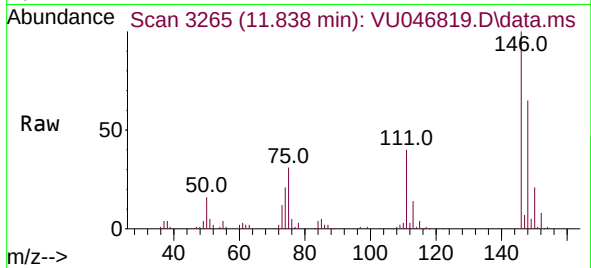




#65
1,4-Dichlorobenzene
Concen: 4.955 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

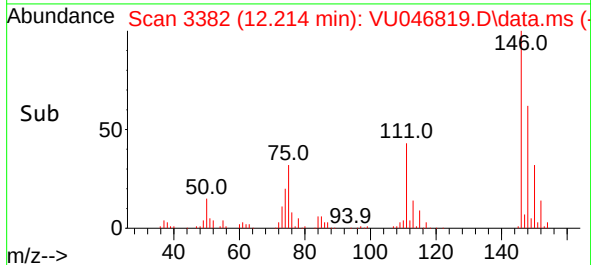
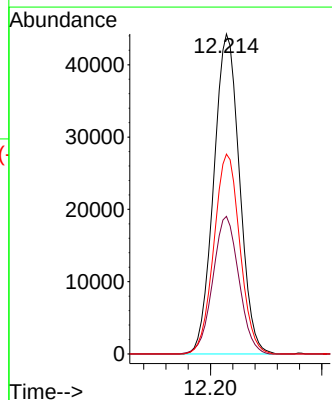
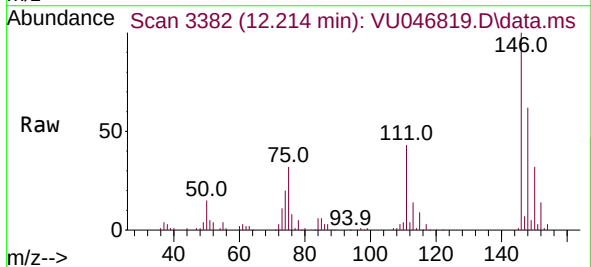
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

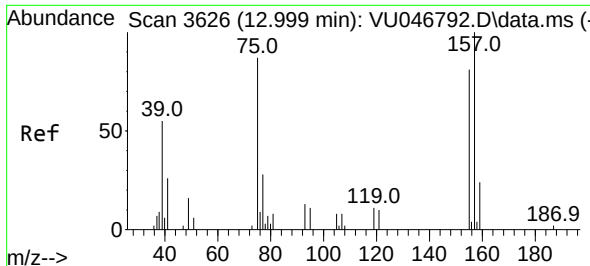
Tgt Ion:146 Resp: 72721
Ion Ratio Lower Upper
146 100
111 39.7 28.7 53.3
148 64.6 45.8 85.0



#67
1,2-Dichlorobenzene
Concen: 5.045 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

Tgt Ion:146 Resp: 71169
Ion Ratio Lower Upper
146 100
111 43.0 35.4 53.0
148 62.5 51.1 76.7

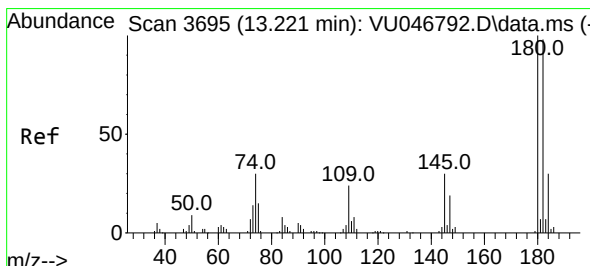
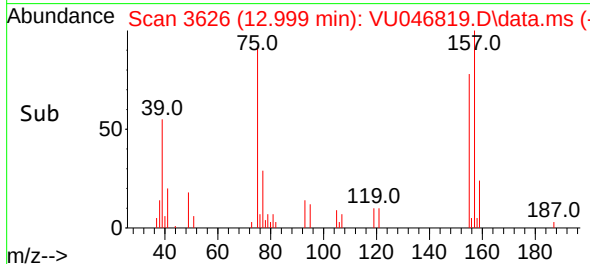
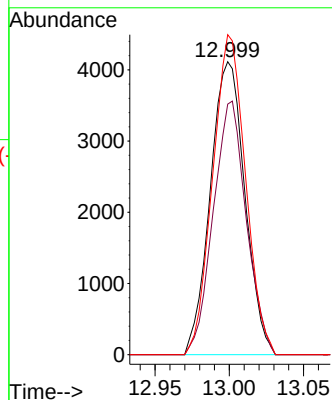
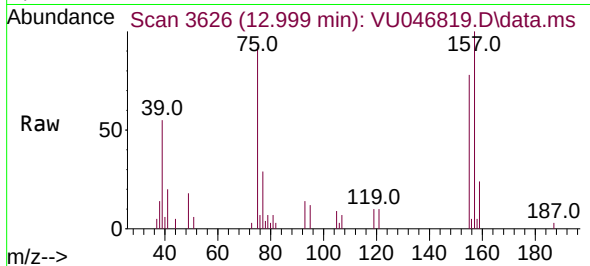




#68
 1,2-Dibromo-3-chloropropane
 Concen: 6.053 ug/L
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU046819.D
 Acq: 21 Jan 2022 09:48

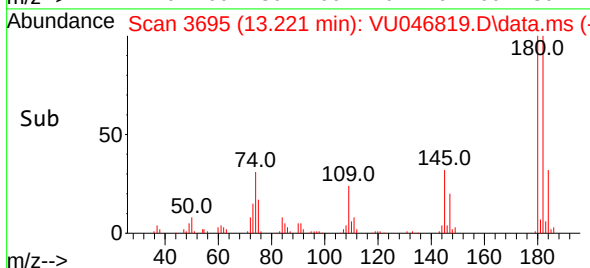
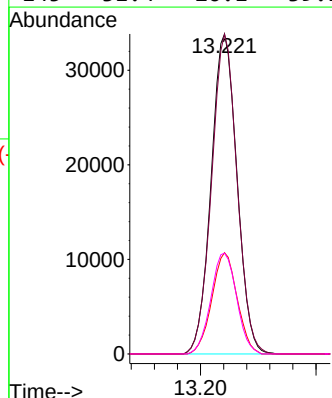
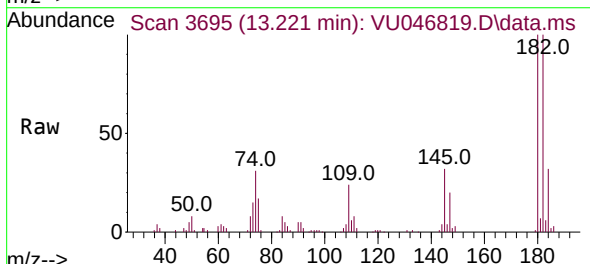
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

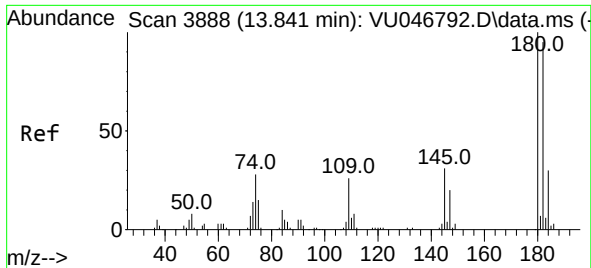
Tgt Ion: 75 Resp: 6668
 Ion Ratio Lower Upper
 75 100
 155 85.5 59.2 88.8
 157 109.2 76.5 114.7



#69
 1,3,5-Trichlorobenzene
 Concen: 4.566 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046819.D
 Acq: 21 Jan 2022 09:48

Tgt Ion: 180 Resp: 52498
 Ion Ratio Lower Upper
 180 100
 182 98.6 76.1 114.1
 184 31.0 25.0 37.4
 145 31.4 26.1 39.1

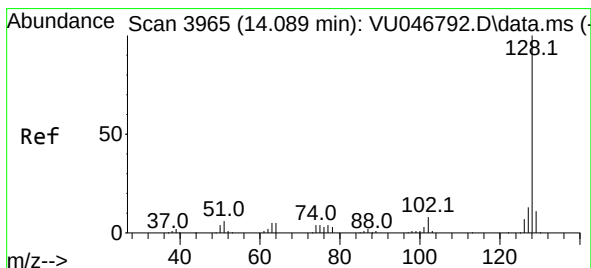
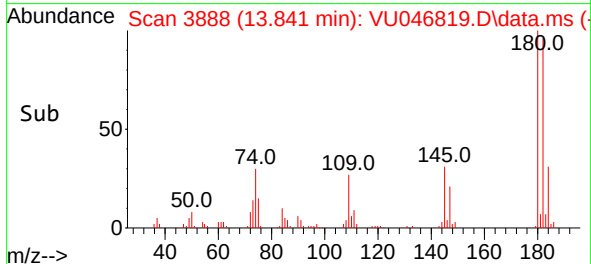
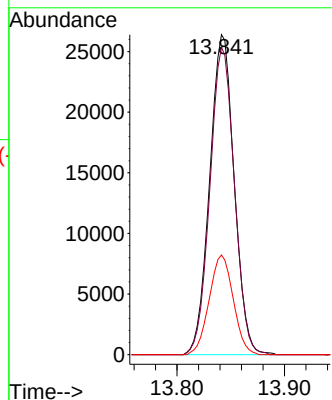
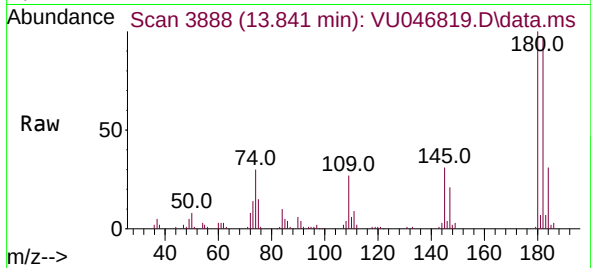




#70
1,2,4-trichlorobenzene
Concen: 4.344 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

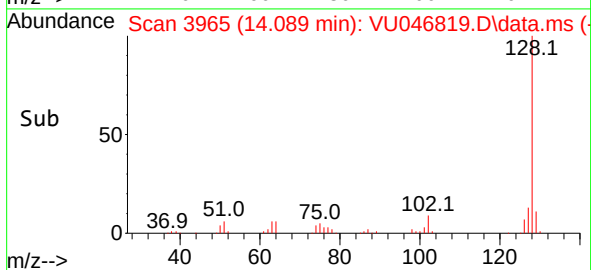
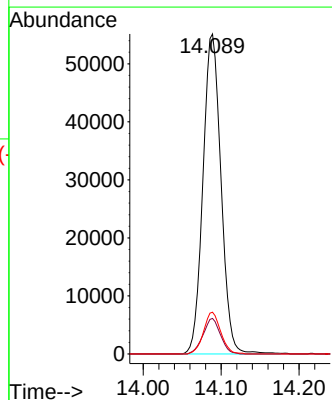
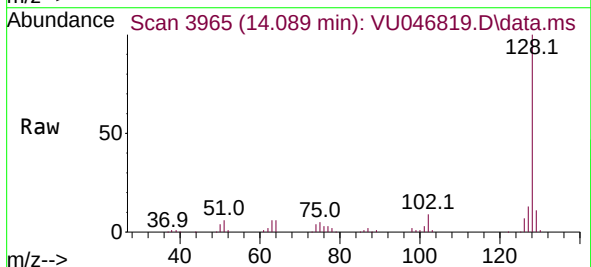
Instrument :
MSVOA_U
ClientSampleId :
VSTD005170

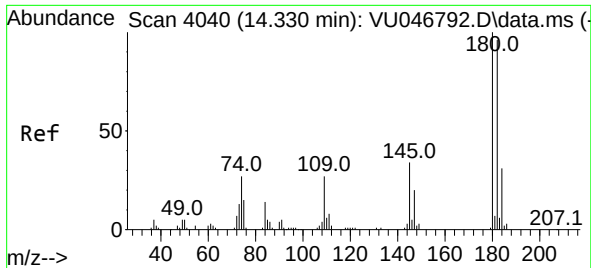
Tgt Ion:180 Resp: 41756
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 30.6 25.6 38.4



#71
Naphthalene
Concen: 4.531 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046819.D
Acq: 21 Jan 2022 09:48

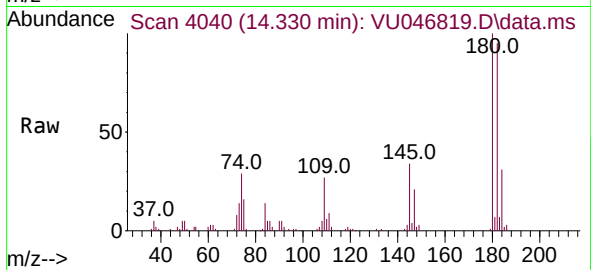
Tgt Ion:128 Resp: 88681
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.4 10.2 15.2





#72
 1,2,3-Trichlorobenzene
 Concen: 4.686 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU046819.D
 Acq: 21 Jan 2022 09:48

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170



Tgt Ion:180 Resp: 42544
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.2 114.4
 145 33.4 28.4 42.6

