

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046749.D
 Acq On : 12 Jan 2022 17:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

Quant Time: Jan 13 01:03:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72047	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	72643	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	42563	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19336	3.407	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.919	69	17965	4.020	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.572	65	8505	3.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.652	46	95596	58.074	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.140%
24) Chloroform-d	5.067	84	49702	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.703	65	28185	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.729	84	89481	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.690	67	28880	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.899	98	82435	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.182	79	12977	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.639	63	86946	52.621	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32862	5.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	35683	4.551	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	46058	4.178	ug/L	100
3) Chloromethane	1.523	50	33729	3.552	ug/L	97
5) Vinyl chloride	1.607	62	37799	4.044	ug/L	97
6) Bromomethane	1.861	94	22909	4.072	ug/L	92
8) Chloroethane	1.938	64	23311	4.248	ug/L	97
9) Trichlorofluoromethane	2.144	101	60430	4.943	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	34498	5.543	ug/L	94
12) 1,1-Dichloroethene	2.584	96	29790	4.700	ug/L #	73
13) Acetone	2.681	43	85586	55.456	ug/L	96
14) Carbon disulfide	2.797	76	61381	2.965	ug/L	100
15) Methyl Acetate	2.967	43	13693	4.393	ug/L #	82
16) Methylene chloride	3.051	84	46286	6.002	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	95708	5.177	ug/L	96
18) trans-1,2-Dichloroethene	3.359	96	30118	4.455	ug/L	93
19) 1,1-Dichloroethane	3.874	63	61958	4.974	ug/L	99
21) 2-Butanone	4.732	43	129482	55.299	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	37503	5.075	ug/L	95
23) Bromochloromethane	4.977	128	18931	5.147	ug/L	86
25) Chloroform	5.092	83	69612	5.174	ug/L	99

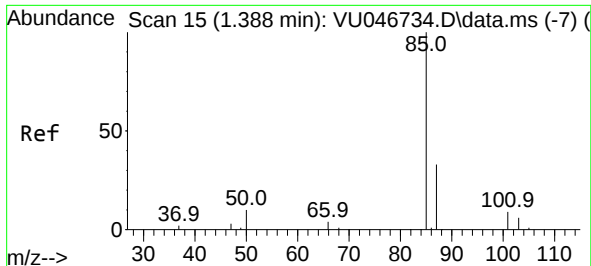
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	45688	4.757	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	60346	5.024	ug/L	97
30) Cyclohexane	5.391	56	42371	4.264	ug/L	93
31) Carbon tetrachloride	5.526	117	49715	4.932	ug/L	100
33) Benzene	5.777	78	136557	4.731	ug/L	100
34) Trichloroethene	6.542	95	36157	4.752	ug/L	98
35) Methylcyclohexane	6.764	83	48554	4.526	ug/L	96
37) 1,2-Dichloropropane	6.793	63	37353	5.073	ug/L	98
38) Bromodichloromethane	7.108	83	51778	5.081	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	54322	4.874	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	282180	51.059	ug/L #	95
42) Toluene	7.970	91	150798	5.090	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	51210	4.958	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	33501	5.276	ug/L	96
47) Tetrachloroethene	8.552	164	27919	5.186	ug/L	93
48) 2-Hexanone	8.687	43	213016	51.611	ug/L #	95
49) Dibromochloromethane	8.809	129	38226	5.220	ug/L	96
50) 1,2-Dibromoethane	8.925	107	31131	5.079	ug/L #	97
51) Chlorobenzene	9.449	112	100996	5.333	ug/L	97
52) Ethylbenzene	9.571	91	163794	5.341	ug/L	98
53) m,p-Xylene	9.693	106	65705	5.593	ug/L	97
54) o-Xylene	10.102	106	64638	5.726	ug/L	97
55) Styrene	10.115	104	114116	5.828	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	45216	5.450	ug/L	95
59) Bromoform	10.291	173	23489	4.777	ug/L #	98
60) Isopropylbenzene	10.484	105	173354	5.281	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33324	4.714	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	140655	5.152	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	146117	5.315	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	85668	5.369	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	86736	5.310	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	85473	5.341	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	7251	4.431	ug/L	84
69) 1,3,5-Trichlorobenzene	13.217	180	69025	5.716	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	57191	5.591	ug/L	99
71) Naphthalene	14.086	128	118097	5.199	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	57320	5.660	ug/L	97

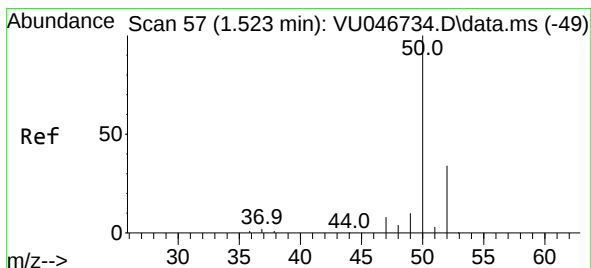
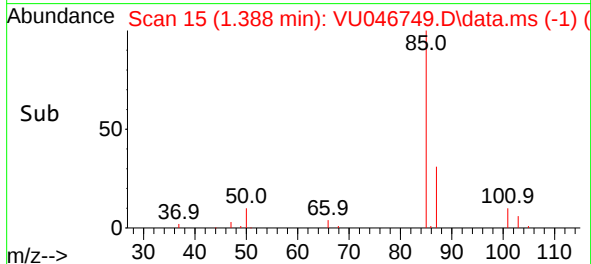
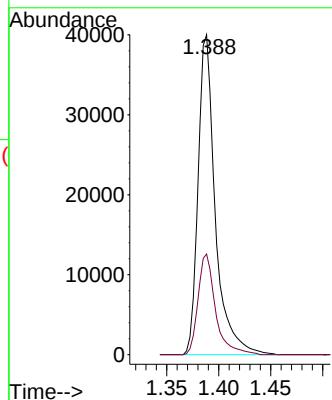
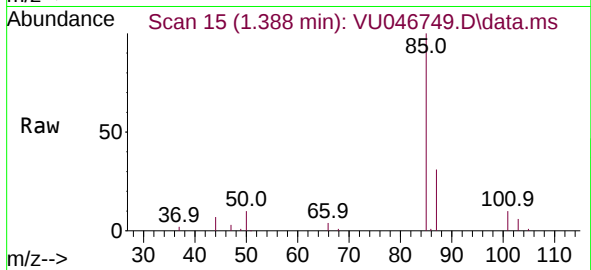
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 4.178 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

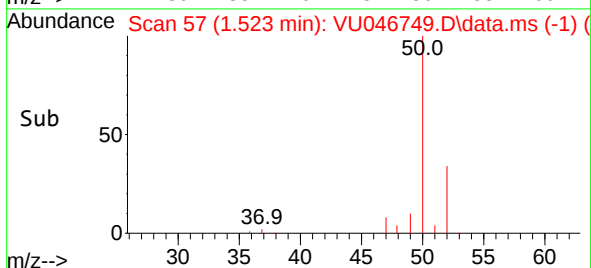
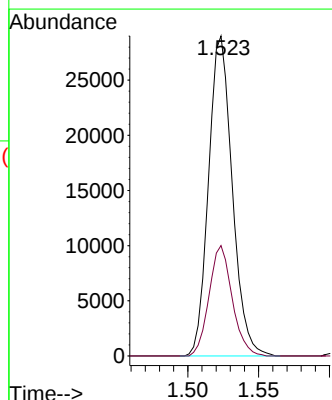
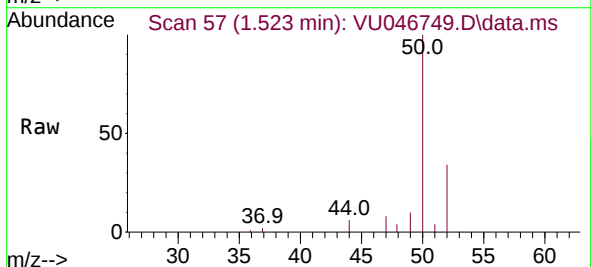
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

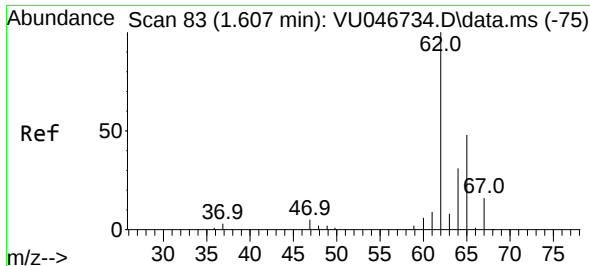
Tgt Ion: 85 Resp: 46058
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.6



#3
Chloromethane
Concen: 3.552 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.006 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion: 50 Resp: 33729
Ion Ratio Lower Upper
50 100
52 34.5 23.0 42.8

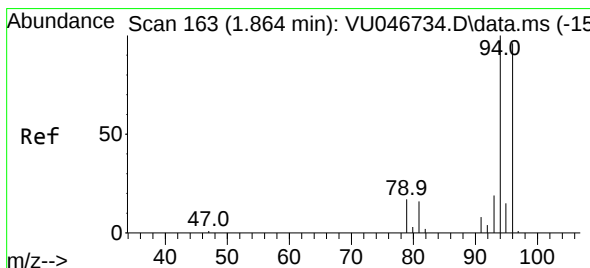
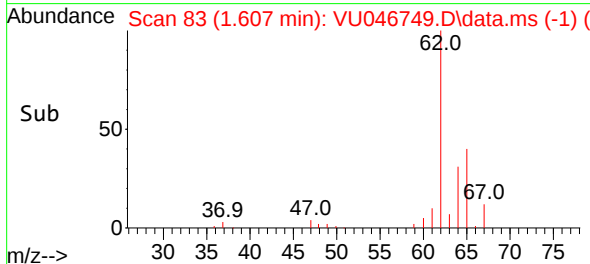
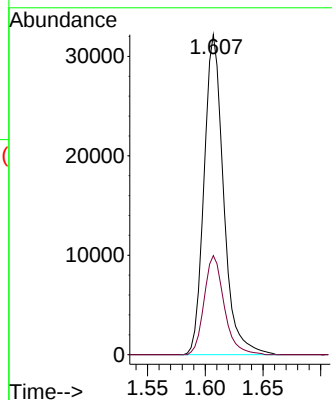
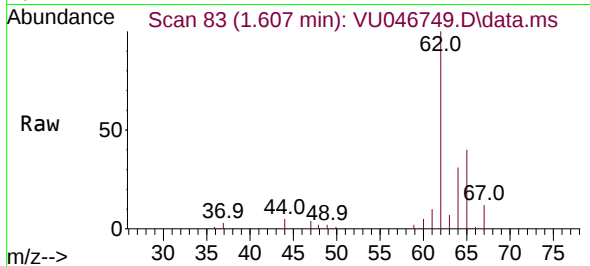




#5
 Vinyl chloride
 Concen: 4.044 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VU046749.D
 Acq: 12 Jan 2022 17:55

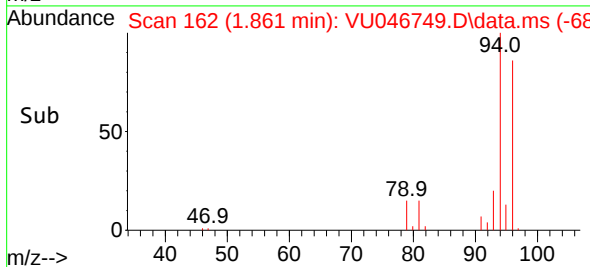
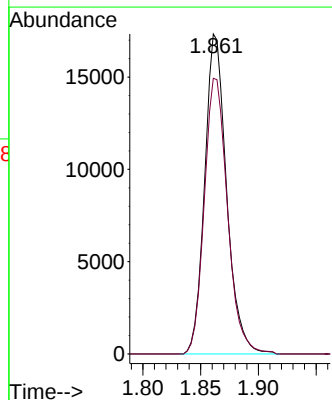
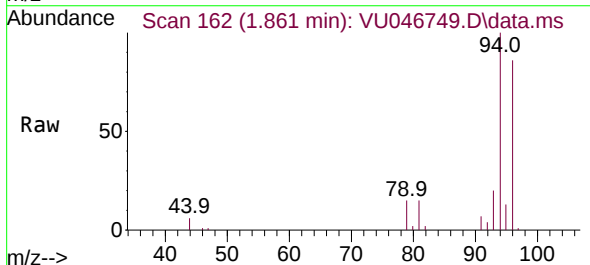
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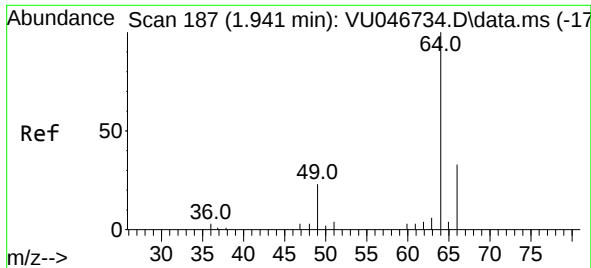
Tgt Ion: 62 Resp: 37799
 Ion Ratio Lower Upper
 62 100
 64 31.0 22.9 42.5



#6
 Bromomethane
 Concen: 4.072 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.003 min
 Lab File: VU046749.D
 Acq: 12 Jan 2022 17:55

Tgt Ion: 94 Resp: 22909
 Ion Ratio Lower Upper
 94 100
 96 86.2 65.5 121.6





#8

Chloroethane

Concen: 4.248 ug/L

RT: 1.938 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

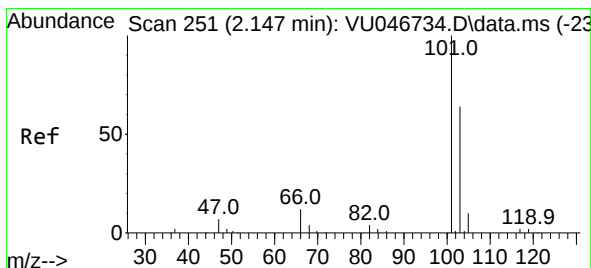
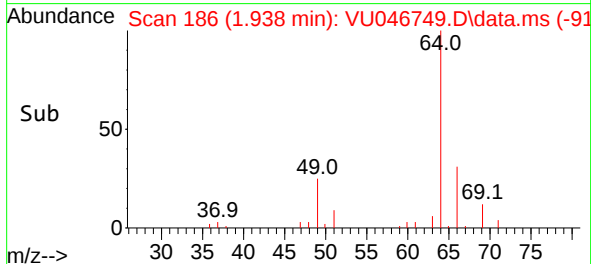
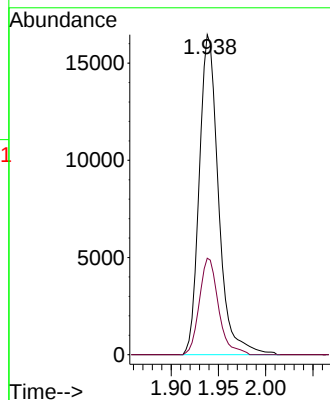
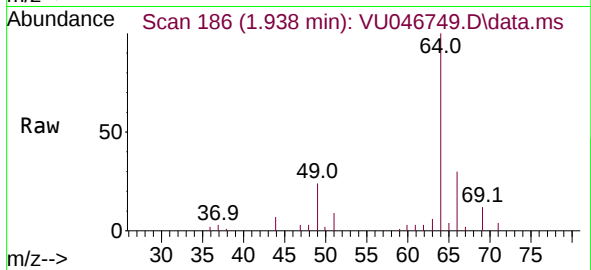
VSTD005147

Tgt Ion: 64 Resp: 23311

Ion Ratio Lower Upper

64 100

66 30.2 22.1 41.1



#9

Trichlorofluoromethane

Concen: 4.943 ug/L

RT: 2.144 min Scan# 250

Delta R.T. 0.006 min

Lab File: VU046749.D

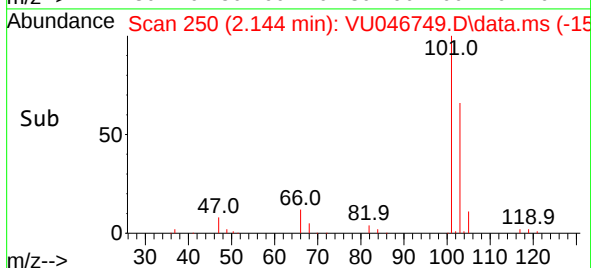
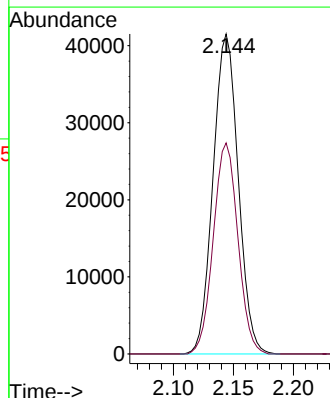
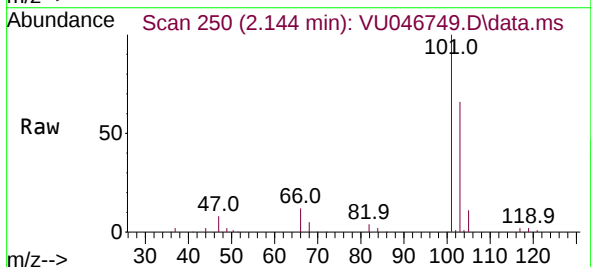
Acq: 12 Jan 2022 17:55

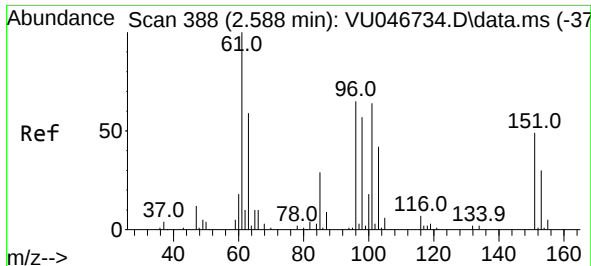
Tgt Ion:101 Resp: 60430

Ion Ratio Lower Upper

101 100

103 64.5 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.543 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.006 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

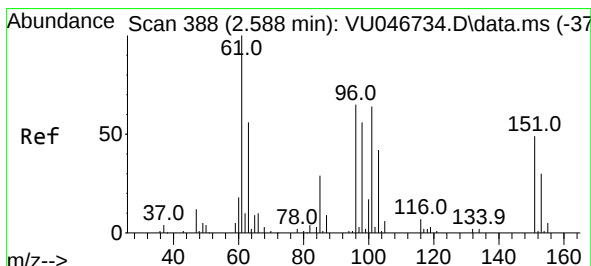
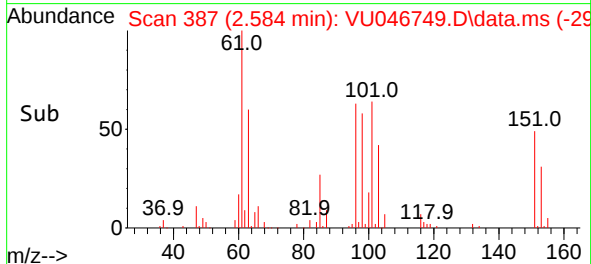
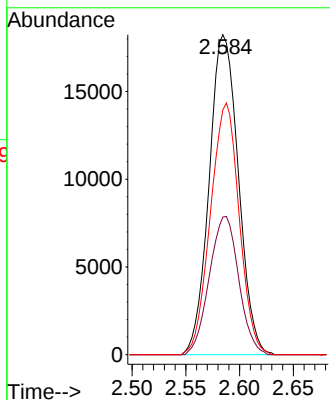
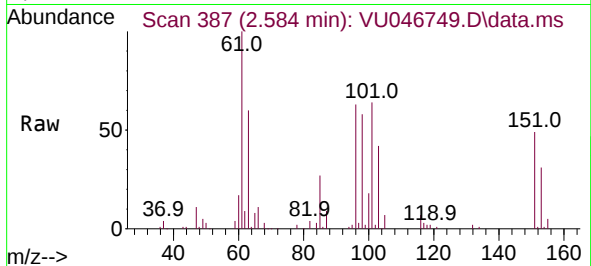
Tgt Ion:101 Resp: 34498

Ion Ratio Lower Upper

101 100

85 43.5 34.6 51.8

151 77.4 56.1 84.1



#12

1,1-Dichloroethene

Concen: 4.700 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.006 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

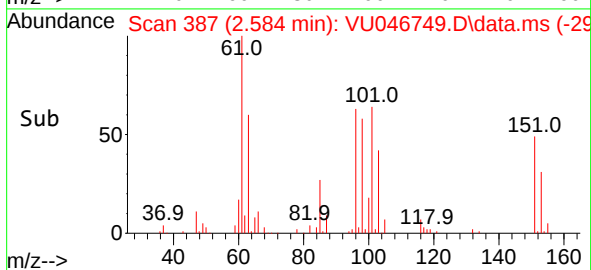
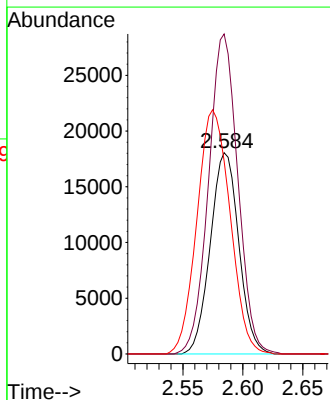
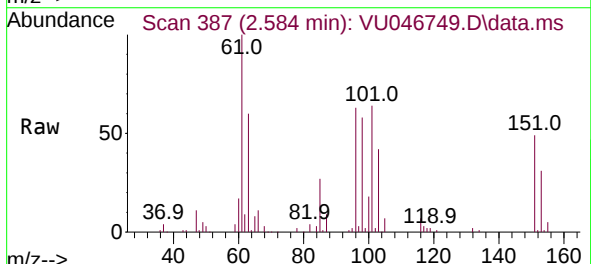
Tgt Ion: 96 Resp: 29790

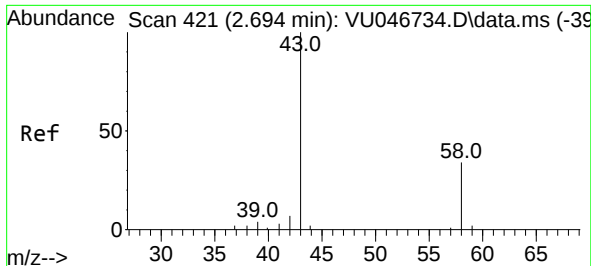
Ion Ratio Lower Upper

96 100

61 158.9 124.7 231.5

63 95.8 105.2 195.4#





#13

Acetone

Concen: 55.456 ug/L

RT: 2.681 min Scan# 417

Delta R.T. -0.003 min

Lab File: VU046749.D

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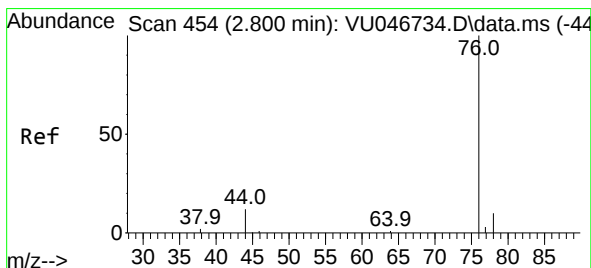
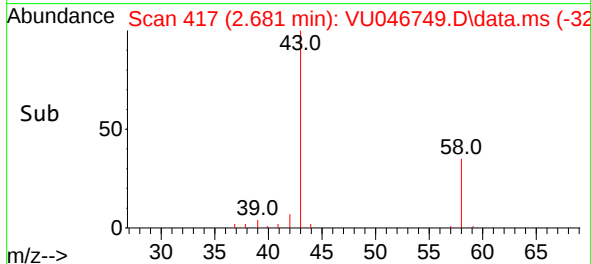
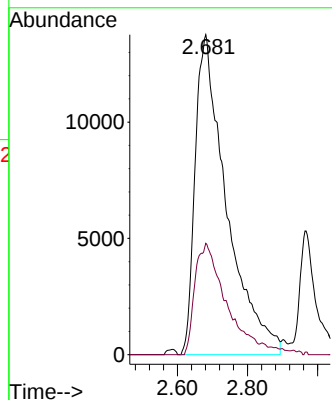
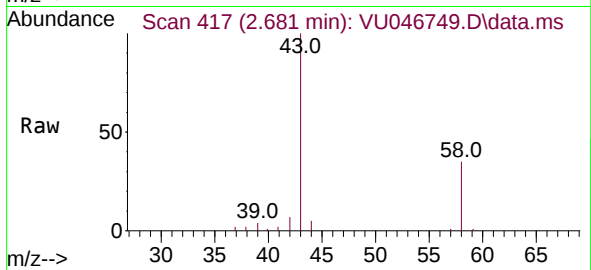
VSTD005147

Tgt Ion: 43 Resp: 85586

Ion Ratio Lower Upper

43 100

58 33.7 0.0 71.6



#14

Carbon disulfide

Concen: 2.965 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU046749.D

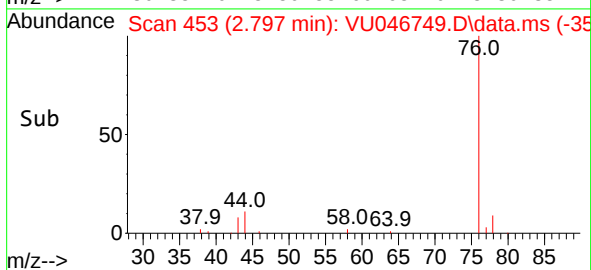
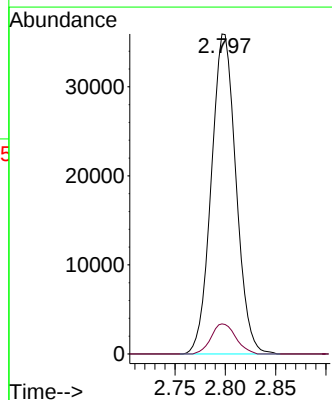
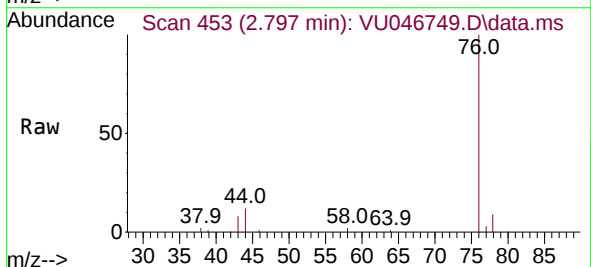
Acq: 12 Jan 2022 17:55

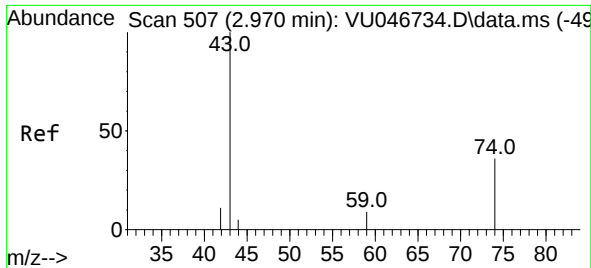
Tgt Ion: 76 Resp: 61381

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

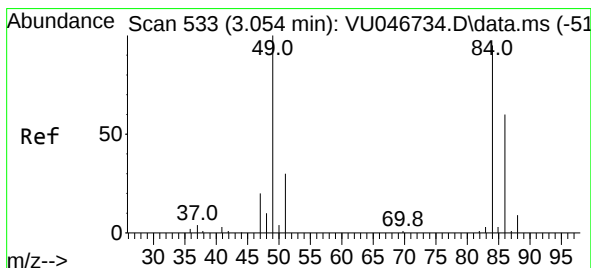
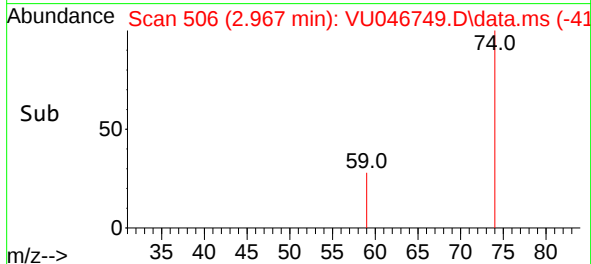
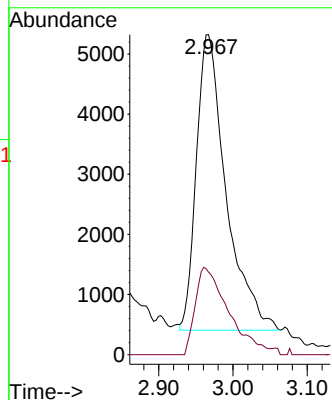
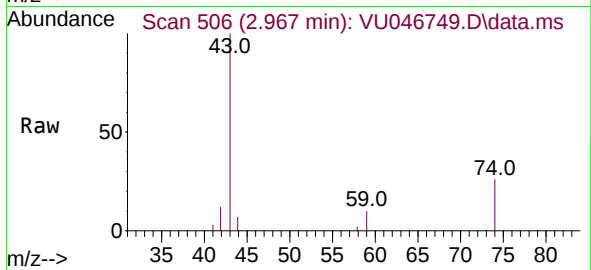




#15
Methyl Acetate
Concen: 4.393 ug/L
RT: 2.967 min Scan# 507
Delta R.T. 0.003 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

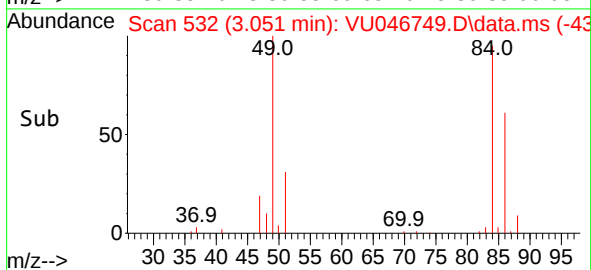
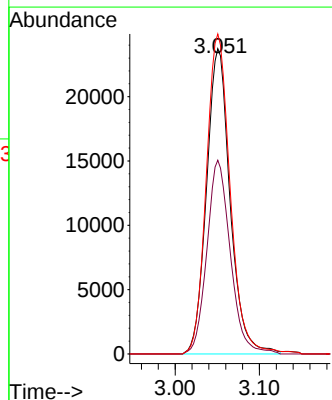
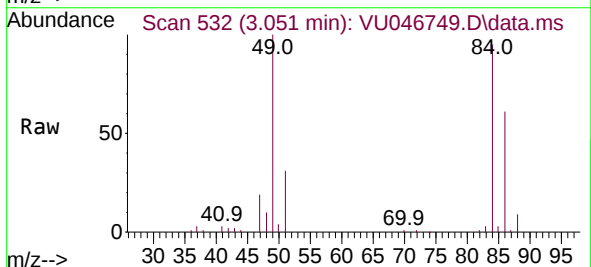
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

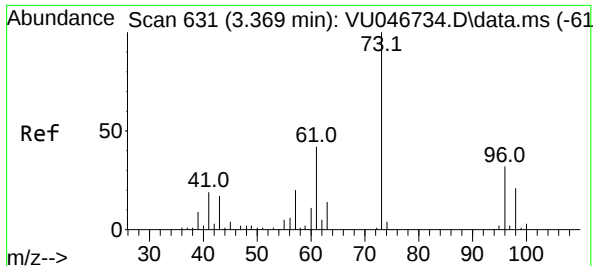
Tgt Ion: 43 Resp: 13693
Ion Ratio Lower Upper
43 100
74 32.9 19.1 28.7#



#16
Methylene chloride
Concen: 6.002 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.006 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion: 84 Resp: 46286
Ion Ratio Lower Upper
84 100
86 63.5 45.8 85.0
49 104.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.177 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.006 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

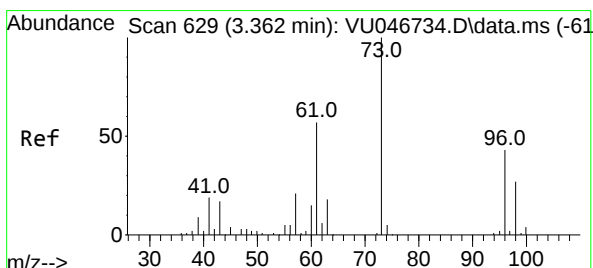
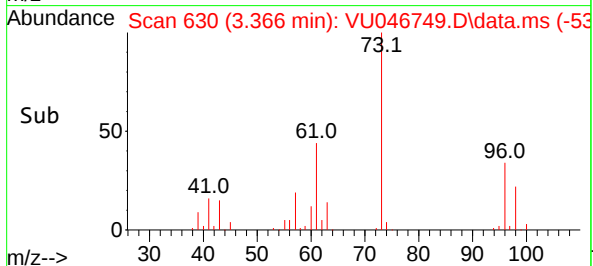
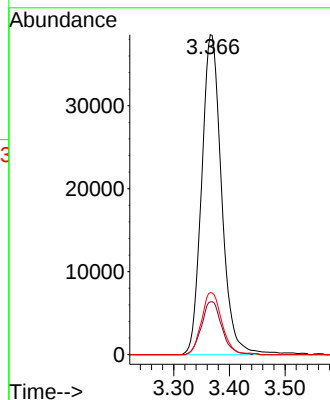
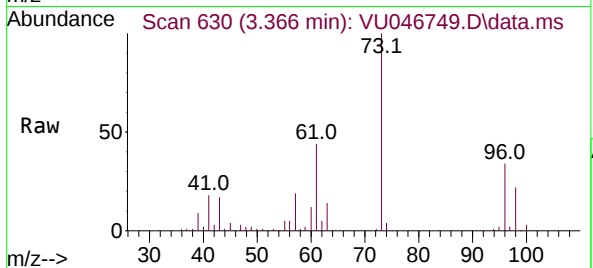
Tgt Ion: 73 Resp: 95708

Ion Ratio Lower Upper

73 100

43 17.0 14.8 22.2

57 20.0 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.455 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.006 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

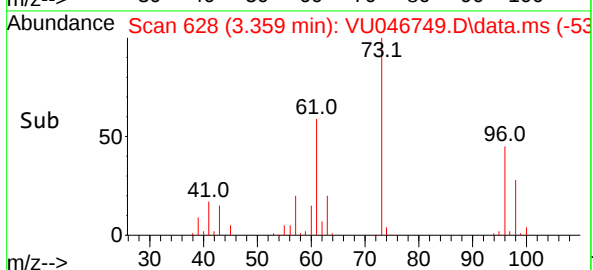
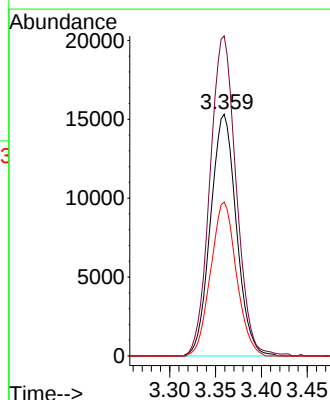
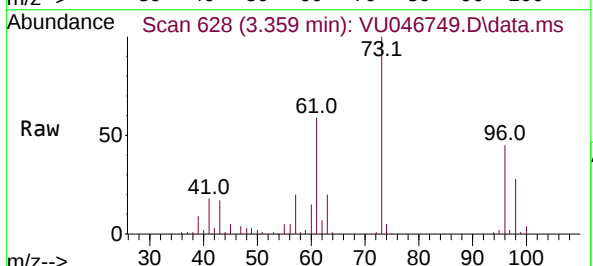
Tgt Ion: 96 Resp: 30118

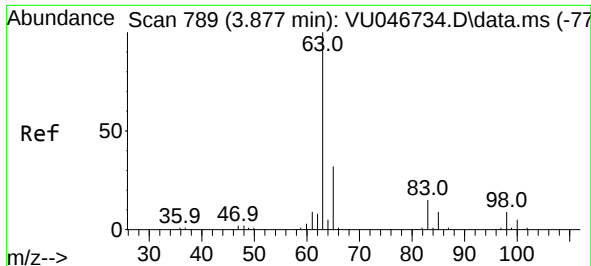
Ion Ratio Lower Upper

96 100

61 132.3 100.8 187.2

98 63.7 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.974 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.006 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

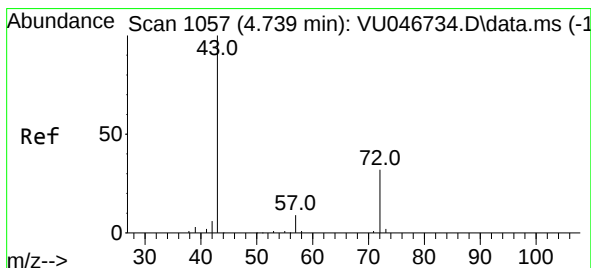
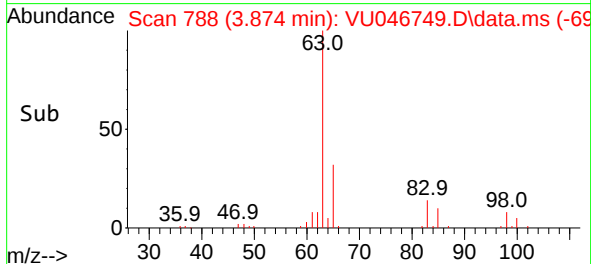
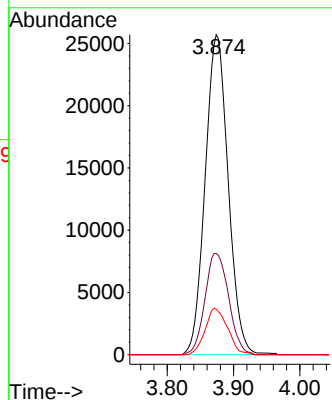
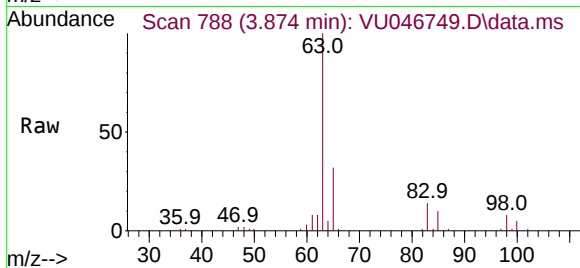
Tgt Ion: 63 Resp: 61958

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 14.2 9.6 17.8



#21

2-Butanone

Concen: 55.299 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VU046749.D

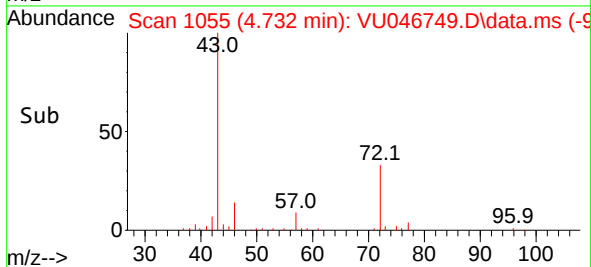
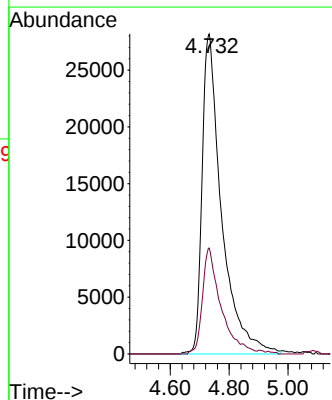
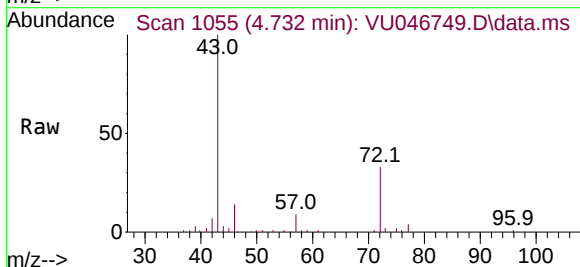
Acq: 12 Jan 2022 17:55

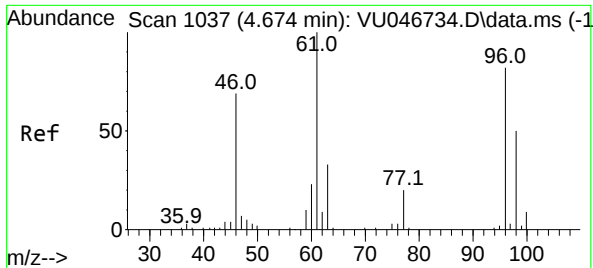
Tgt Ion: 43 Resp: 129482

Ion Ratio Lower Upper

43 100

72 30.0 14.1 42.3

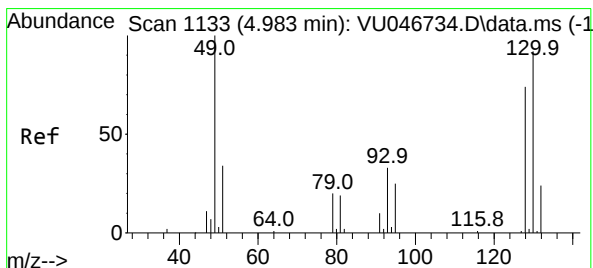
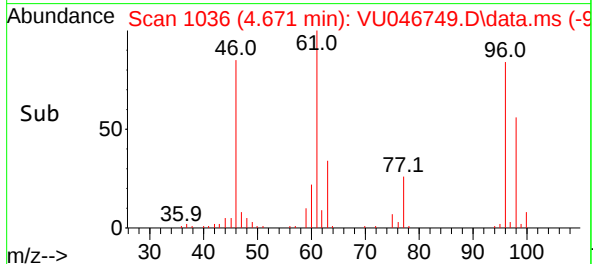
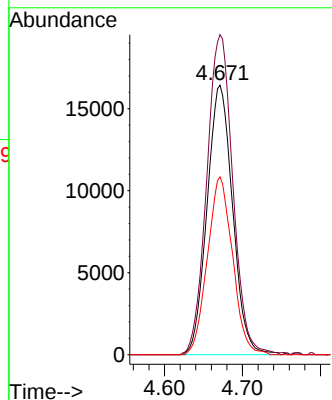
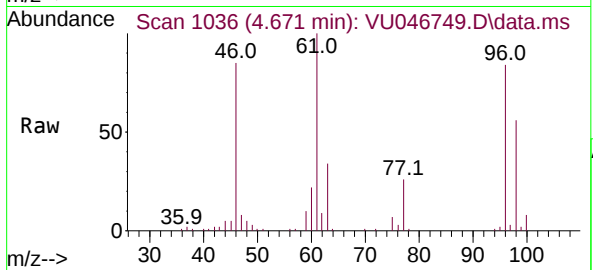




#22
 cis-1,2-Dichloroethene
 Concen: 5.075 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VU046749.D
 Acq: 12 Jan 2022 17:55

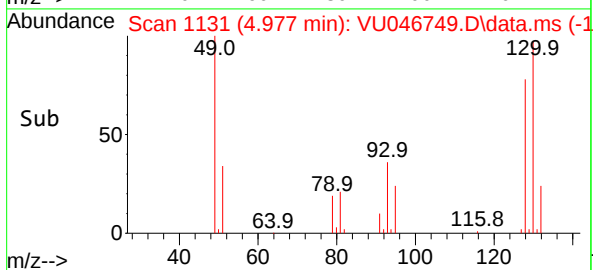
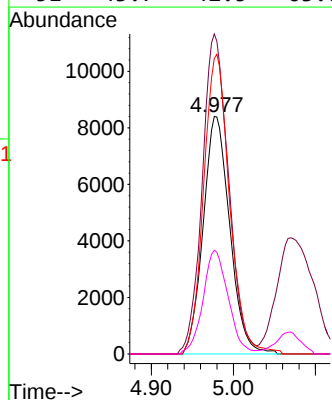
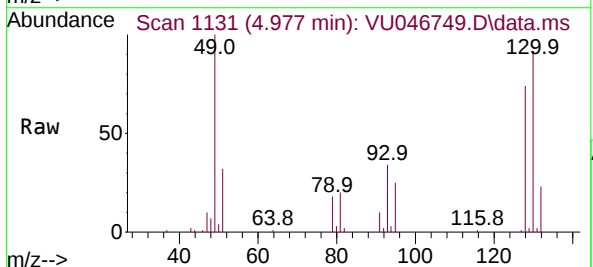
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005147

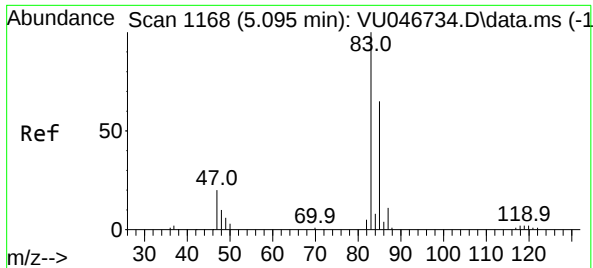
Tgt Ion: 96 Resp: 37503
 Ion Ratio Lower Upper
 96 100
 61 118.7 88.5 164.3
 98 65.9 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.147 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU046749.D
 Acq: 12 Jan 2022 17:55

Tgt Ion: 128 Resp: 18931
 Ion Ratio Lower Upper
 128 100
 49 134.8 117.0 217.2
 130 124.5 88.2 163.8
 51 43.7 42.5 63.7

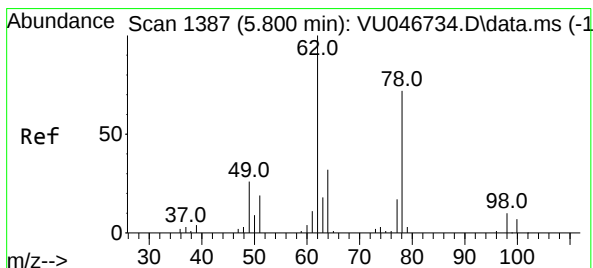
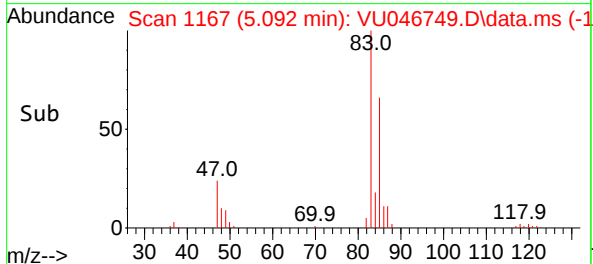
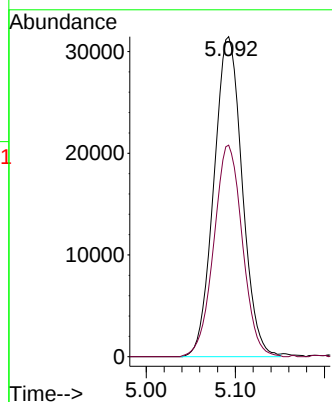
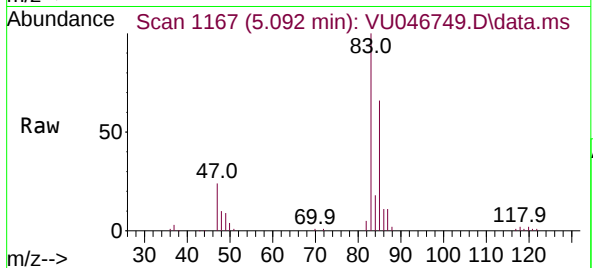




#25
Chloroform
Concen: 5.174 ug/L
RT: 5.092 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

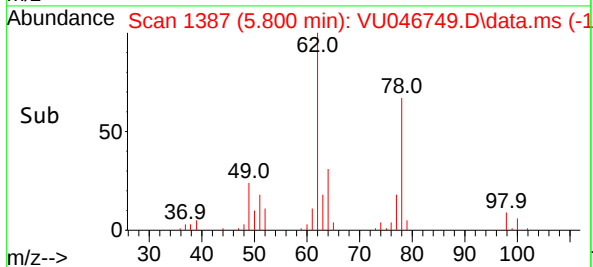
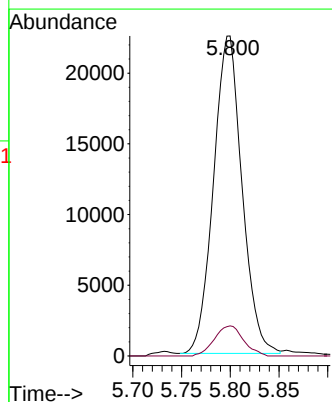
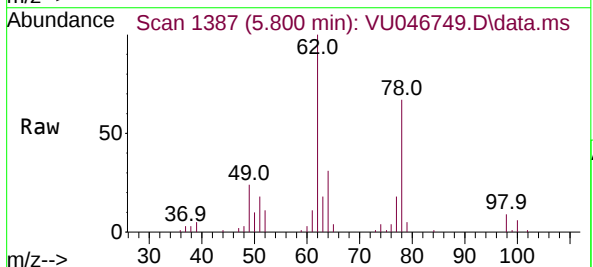
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

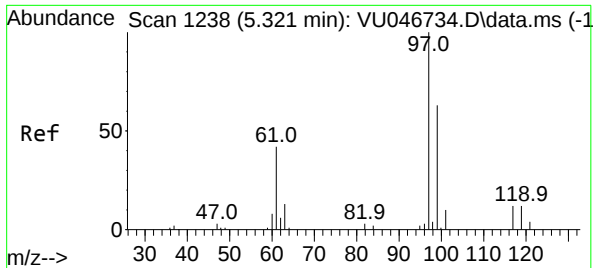
Tgt Ion: 83 Resp: 69612
Ion Ratio Lower Upper
83 100
85 66.1 46.9 87.1



#27
1,2-Dichloroethane
Concen: 4.757 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion: 62 Resp: 45688
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.024 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

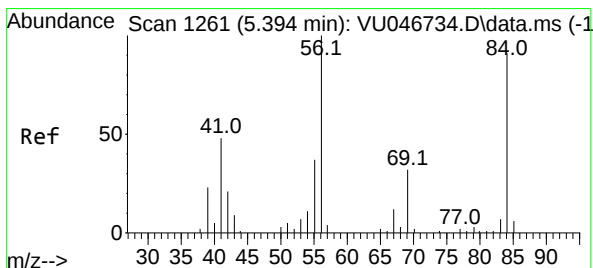
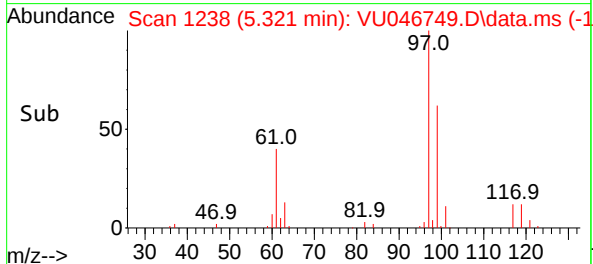
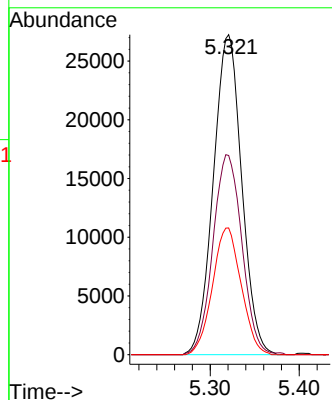
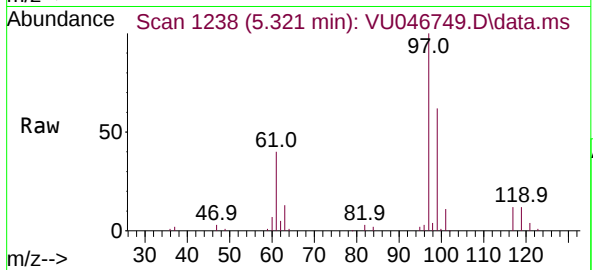
Tgt Ion: 97 Resp: 60346

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 40.0 36.1 54.1



#30

Cyclohexane

Concen: 4.264 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

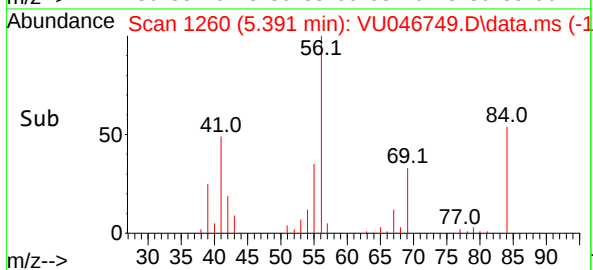
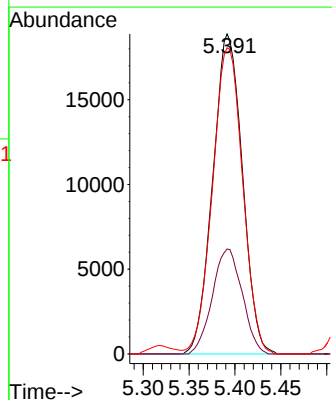
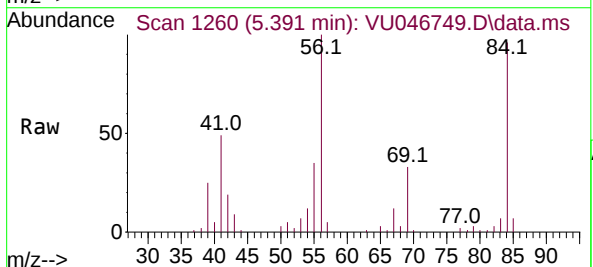
Tgt Ion: 56 Resp: 42371

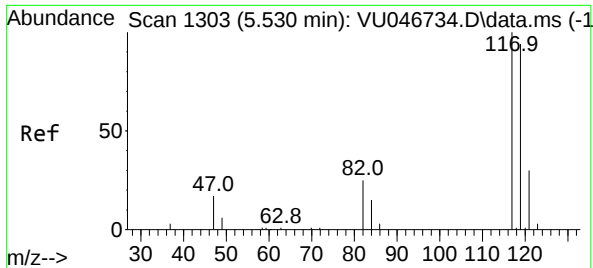
Ion Ratio Lower Upper

56 100

69 33.0 24.7 37.1

84 97.5 71.8 107.6

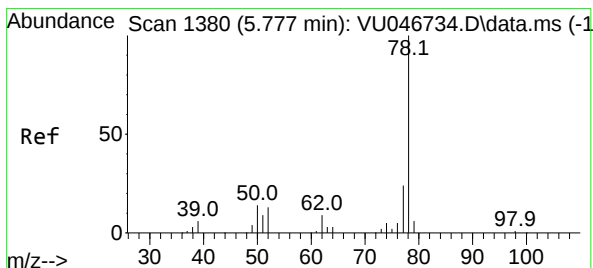
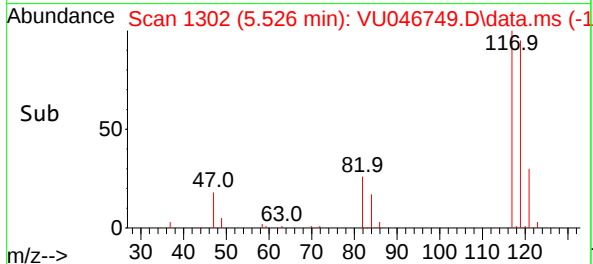
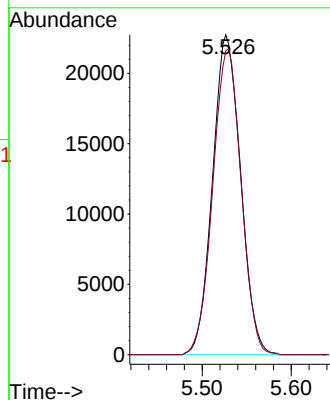
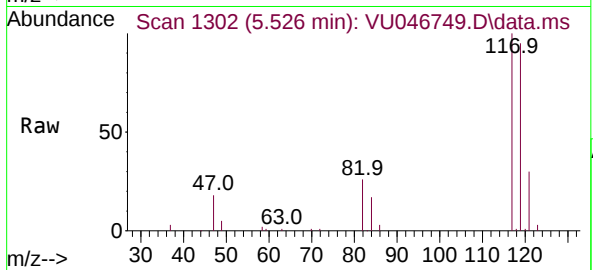




#31
Carbon tetrachloride
Concen: 4.932 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

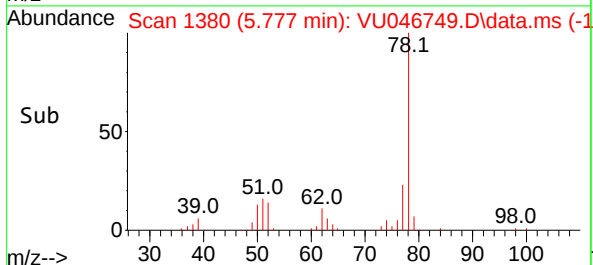
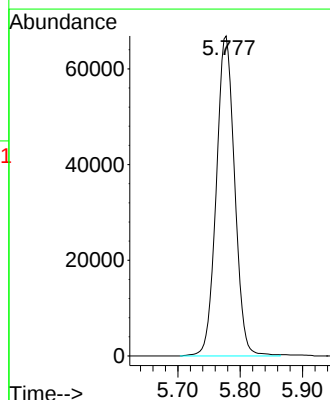
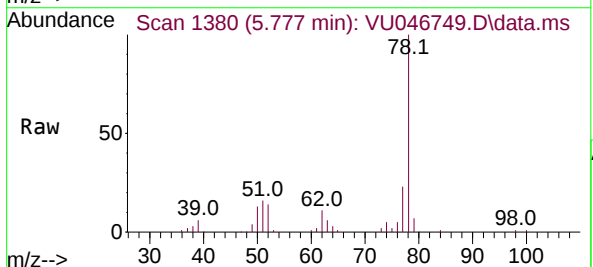
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

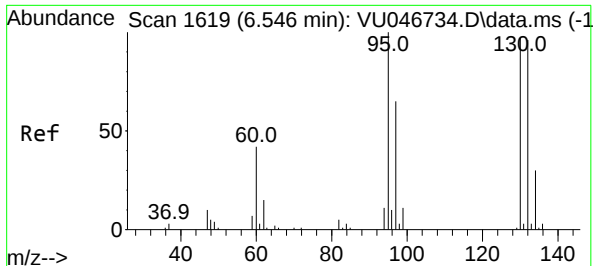
Tgt Ion:117 Resp: 49715
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 4.731 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion: 78 Resp: 136557



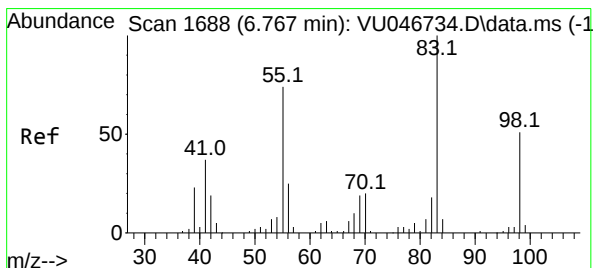
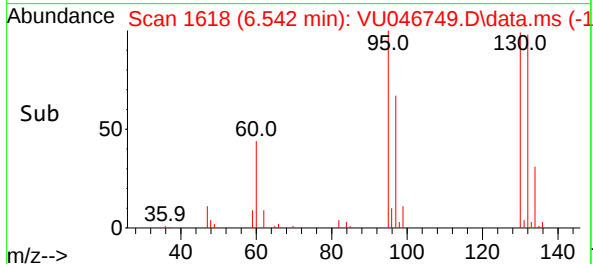
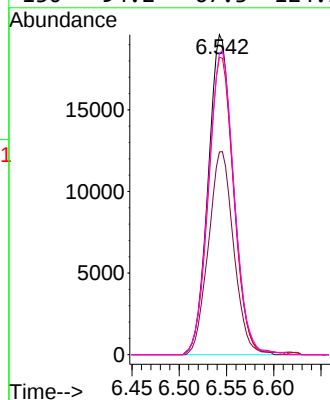
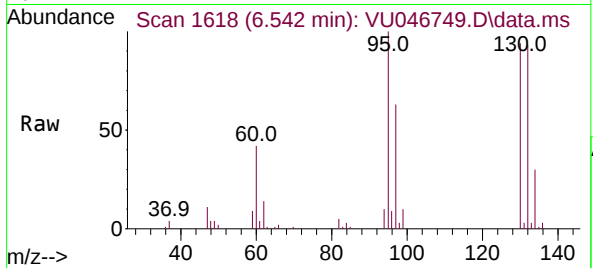


#34
Trichloroethene
Concen: 4.752 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

Tgt Ion: 95 Resp: 36157

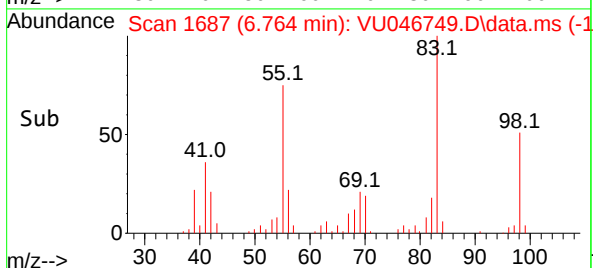
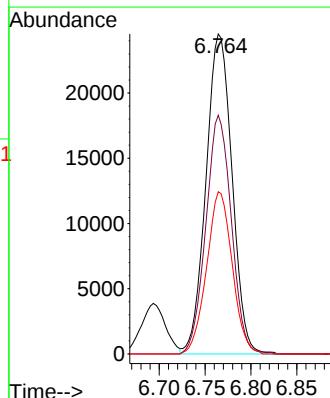
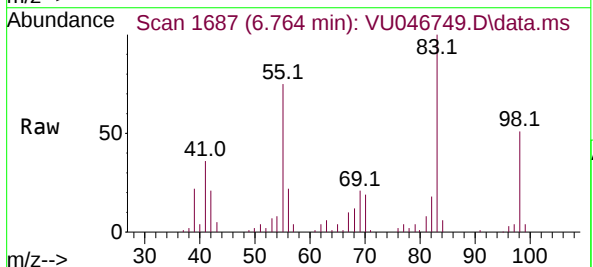
Ion	Ratio	Lower	Upper
95	100		
97	63.4	46.5	86.5
132	92.9	65.1	120.9
130	94.2	67.3	124.9

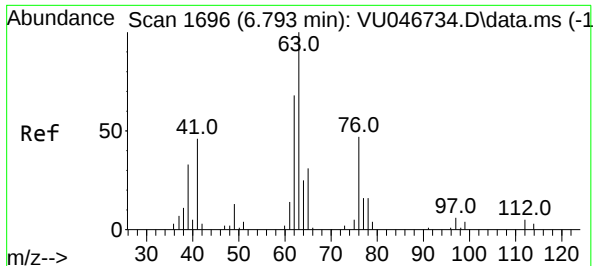


#35
Methylcyclohexane
Concen: 4.526 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion: 83 Resp: 48554

Ion	Ratio	Lower	Upper
83	100		
55	72.9	61.9	92.9
98	49.7	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.073 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

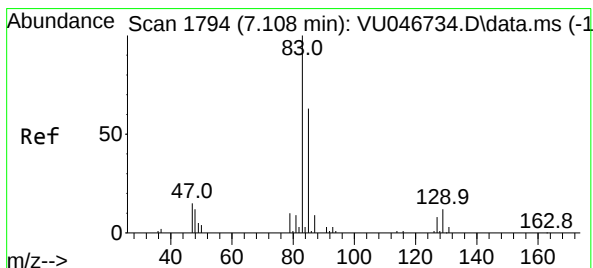
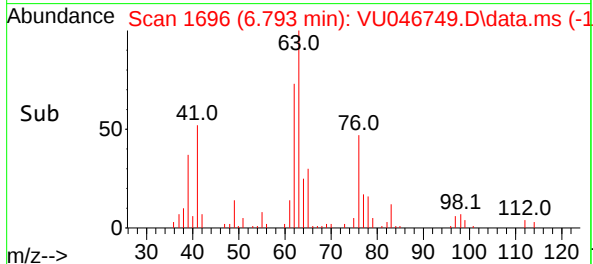
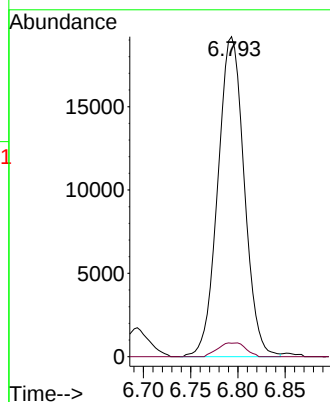
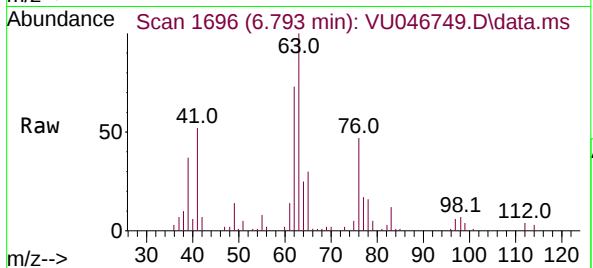
VSTD005147

Tgt Ion: 63 Resp: 37353

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#38

Bromodichloromethane

Concen: 5.081 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

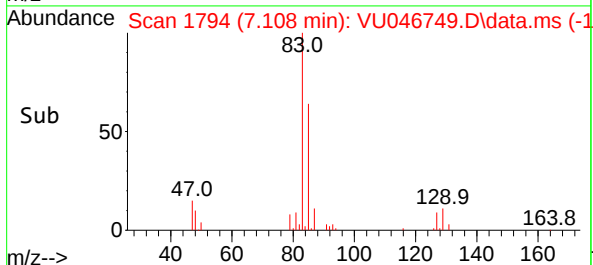
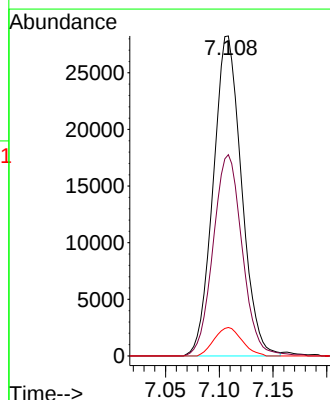
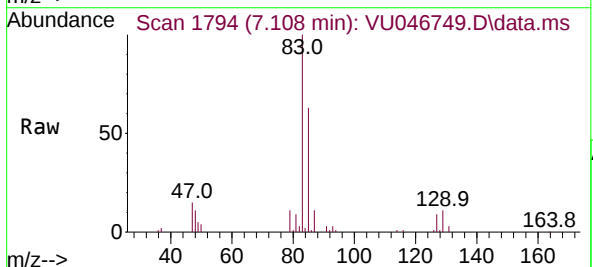
Tgt Ion: 83 Resp: 51778

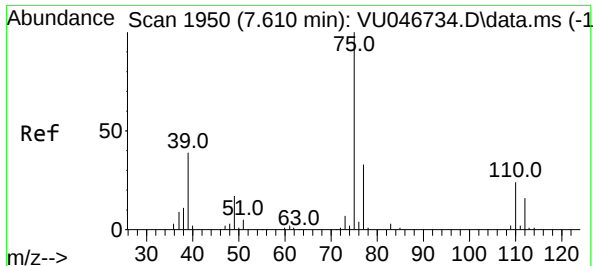
Ion Ratio Lower Upper

83 100

85 62.9 44.0 81.8

127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.874 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

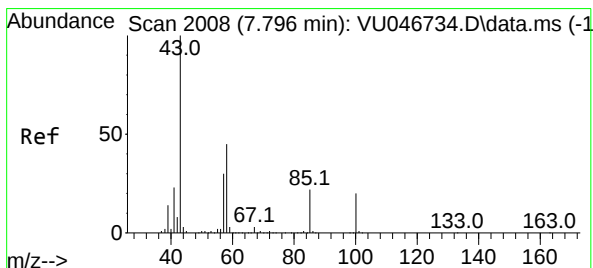
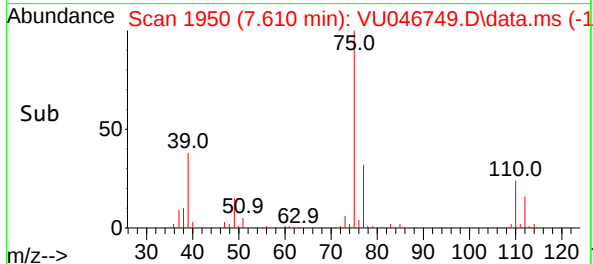
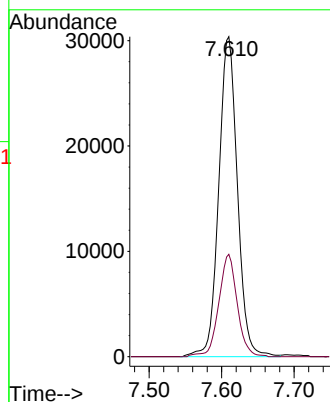
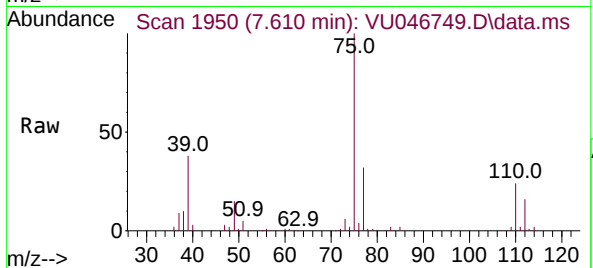
VSTD005147

Tgt Ion: 75 Resp: 54322

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.059 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

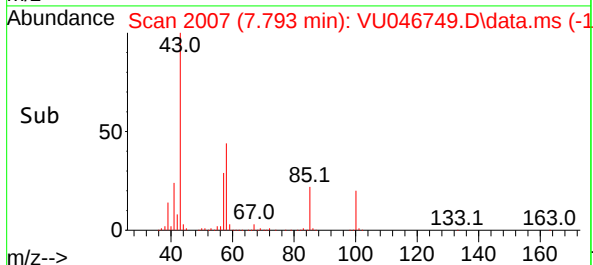
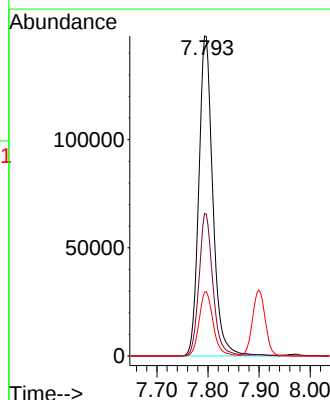
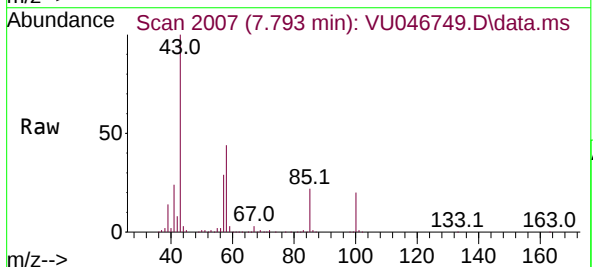
Tgt Ion: 43 Resp: 282180

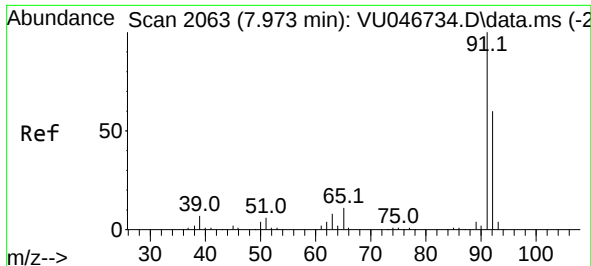
Ion Ratio Lower Upper

43 100

58 44.1 33.1 49.7

100 20.1 13.2 19.8





#42

Toluene

Concen: 5.090 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

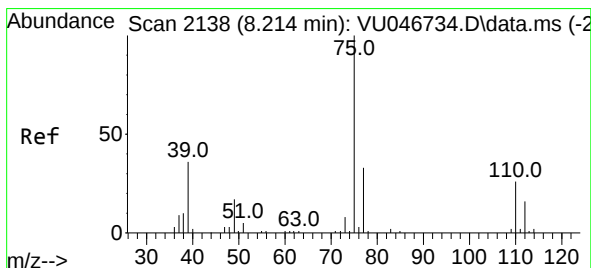
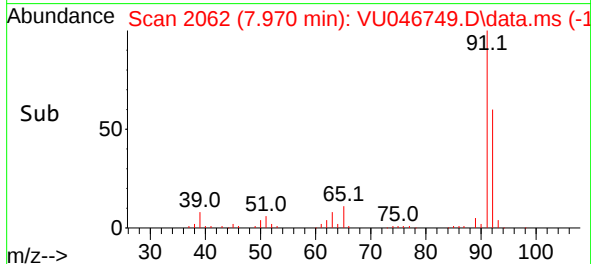
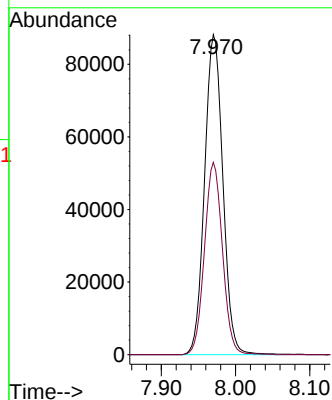
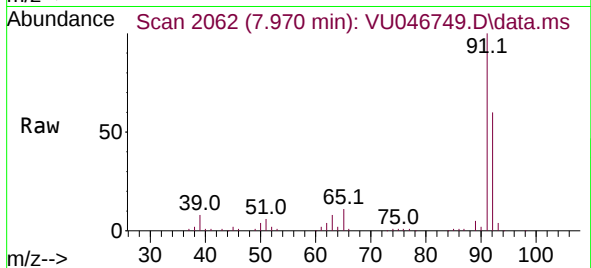
VSTD005147

Tgt Ion: 91 Resp: 150798

Ion Ratio Lower Upper

91 100

92 60.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.958 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046749.D

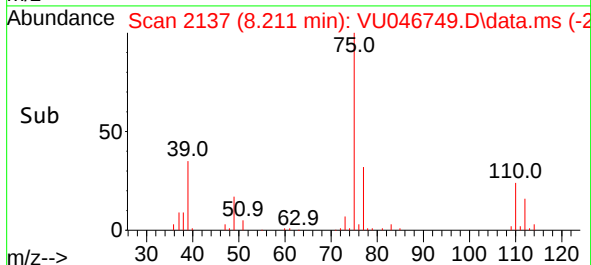
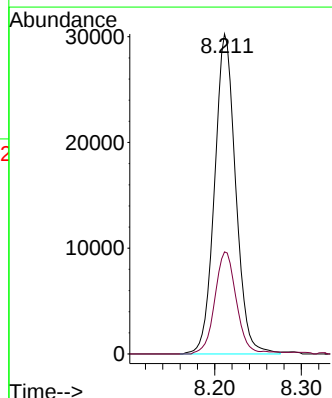
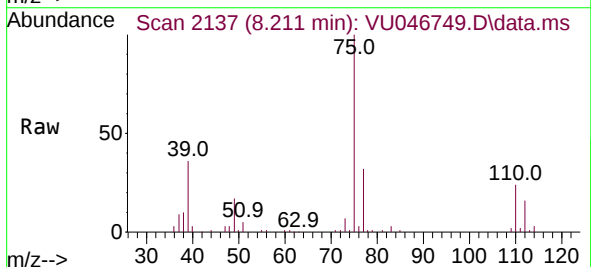
Acq: 12 Jan 2022 17:55

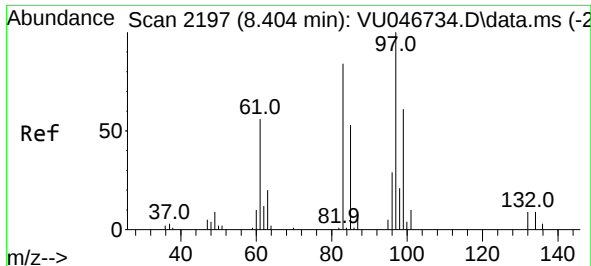
Tgt Ion: 75 Resp: 51210

Ion Ratio Lower Upper

75 100

77 31.9 22.7 42.3

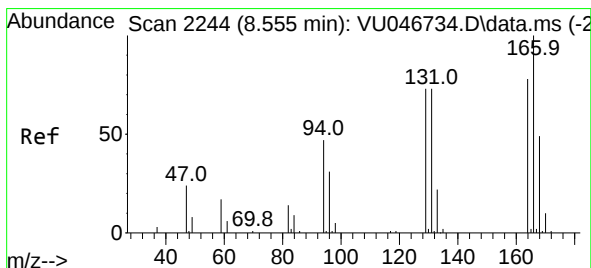
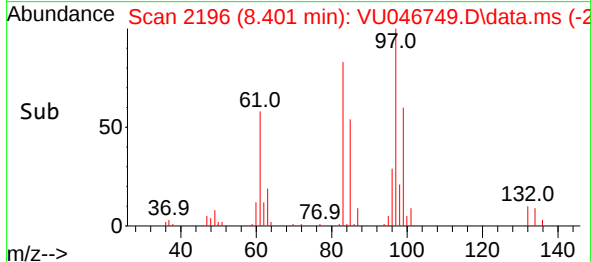
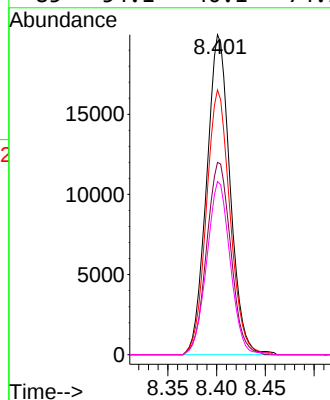
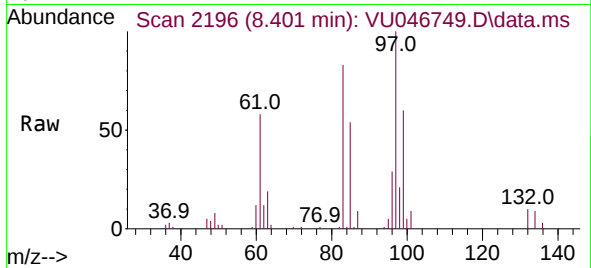




#45
1,1,2-Trichloroethane
Concen: 5.276 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

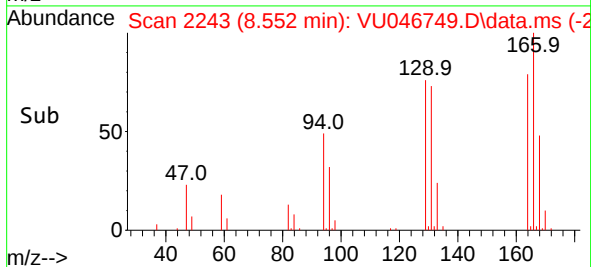
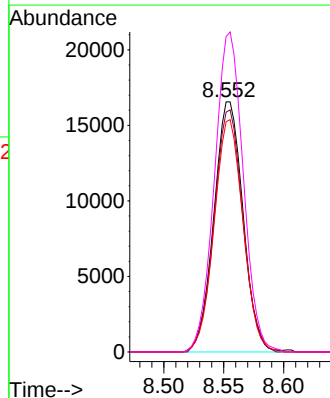
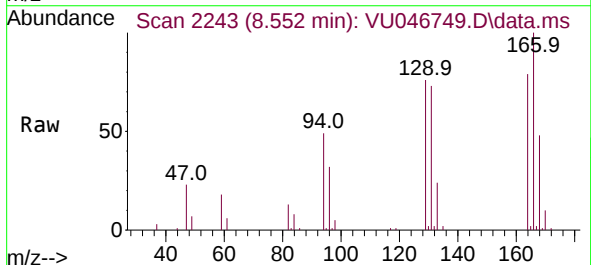
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

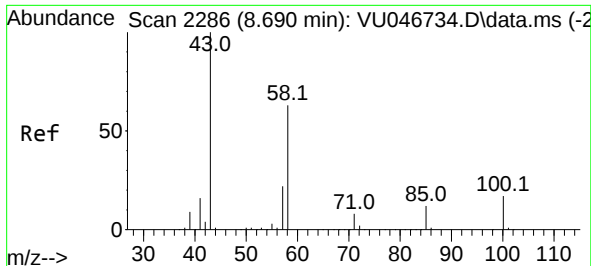
Tgt Ion:	97	Resp:	33501
Ion	Ratio	Lower	Upper
97	100		
99	60.1	42.3	78.5
83	82.7	62.0	115.2
85	54.1	40.1	74.5



#47
Tetrachloroethene
Concen: 5.186 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion:	164	Resp:	27919
Ion	Ratio	Lower	Upper
164	100		
129	95.9	71.8	133.4
131	92.0	68.5	127.3
166	126.0	94.1	174.8

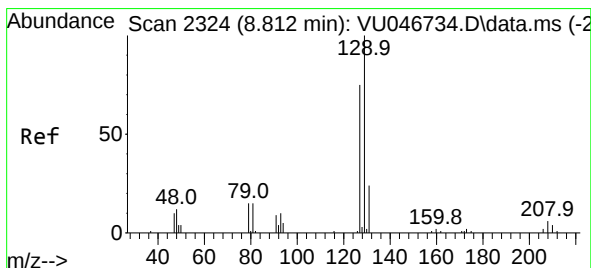
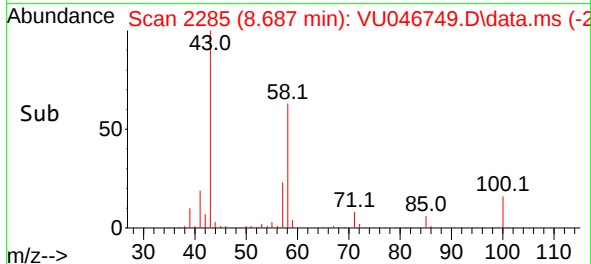
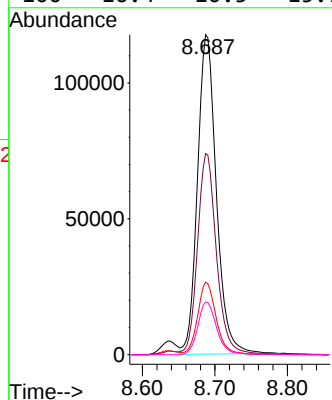
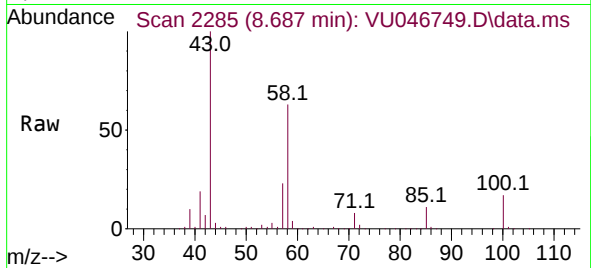




#48
2-Hexanone
Concen: 51.611 ug/L
RT: 8.687 min Scan# 213016
Delta R.T. -0.003 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

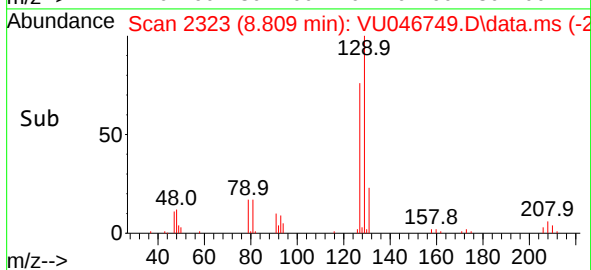
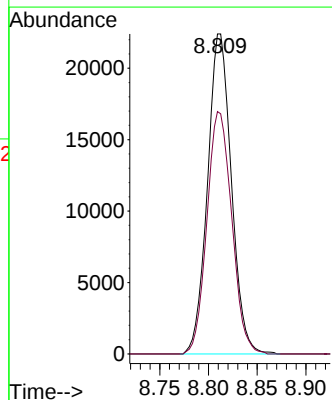
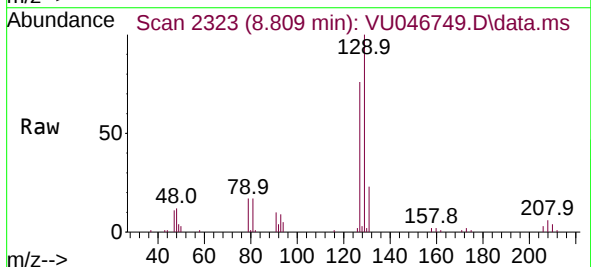
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

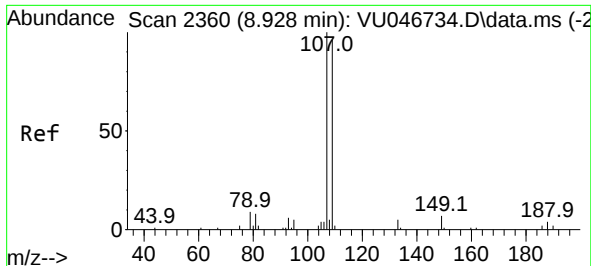
Tgt Ion:	43	Resp:	213016
Ion	Ratio	Lower	Upper
43	100		
58	62.3	46.7	70.1
57	22.0	16.3	24.5
100	16.4	10.5	15.7



#49
Dibromochloromethane
Concen: 5.220 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion:	129	Resp:	38226
Ion	Ratio	Lower	Upper
129	100		
127	75.8	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.079 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

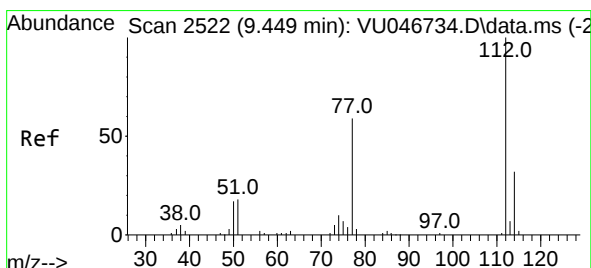
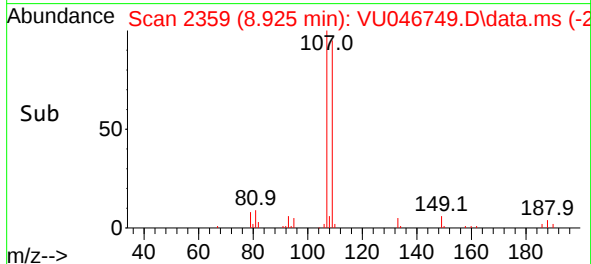
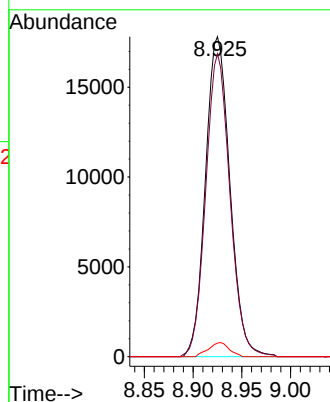
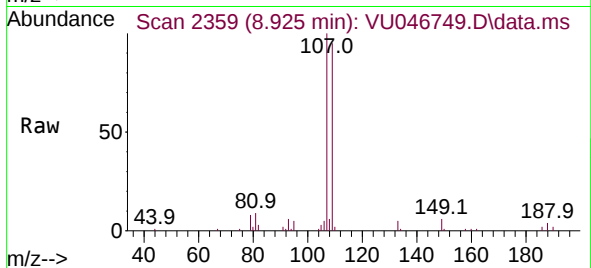
Tgt Ion:107 Resp: 31131

Ion Ratio Lower Upper

107 100

109 94.7 64.0 119.0

188 4.3 2.4 3.6#



#51

Chlorobenzene

Concen: 5.333 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

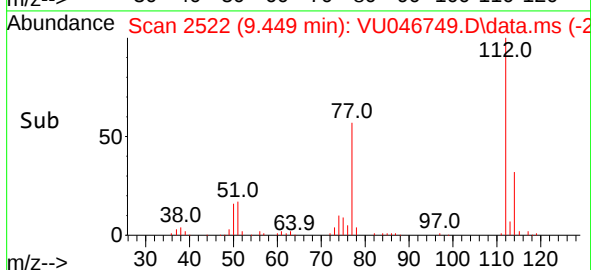
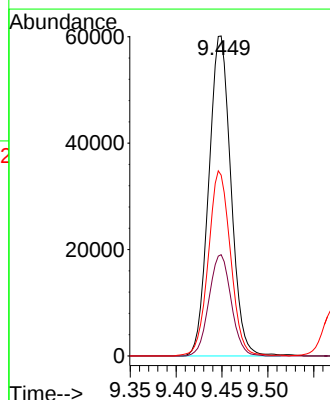
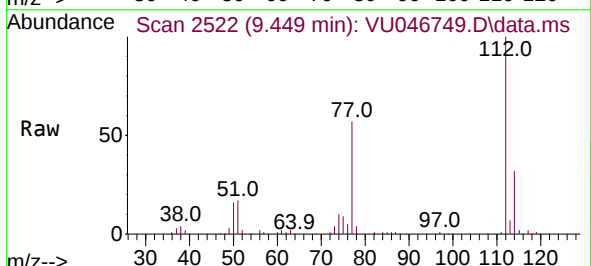
Tgt Ion:112 Resp: 100996

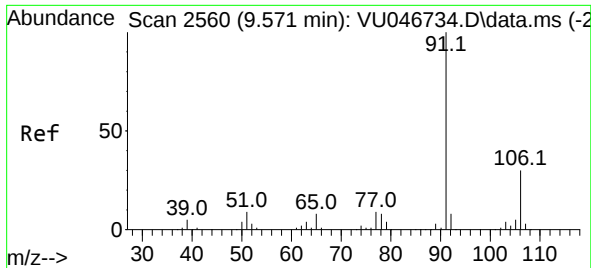
Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

77 56.5 48.3 72.5

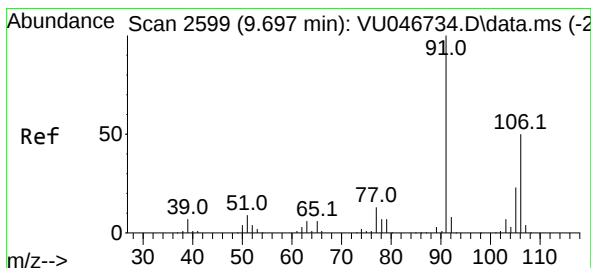
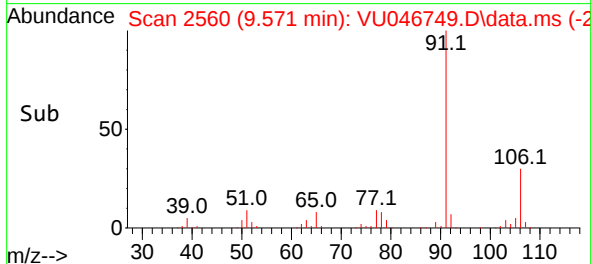
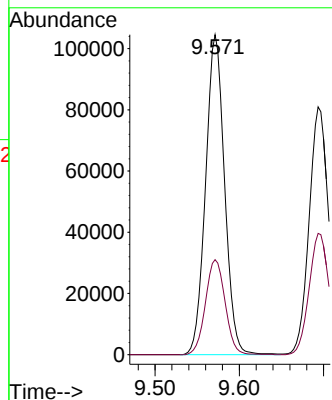
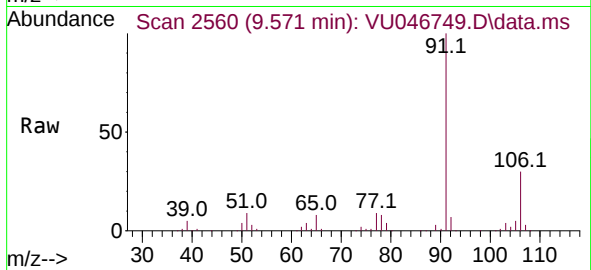




#52
Ethylbenzene
Concen: 5.341 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

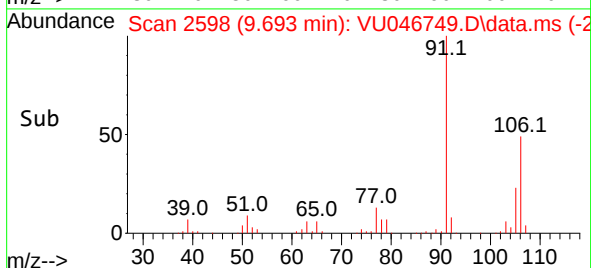
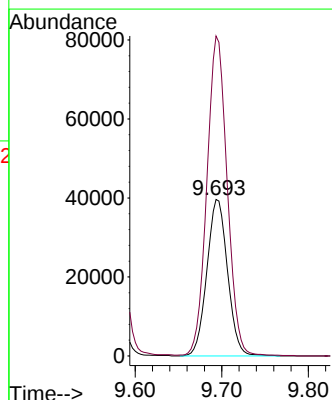
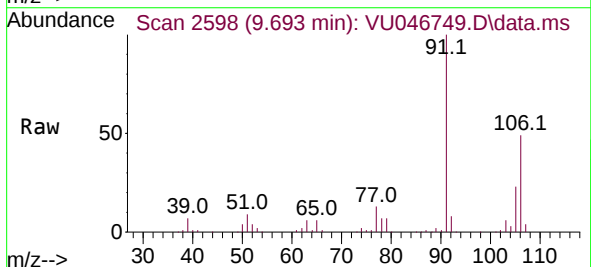
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

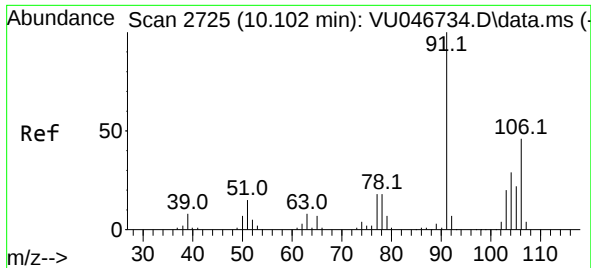
Tgt Ion: 91 Resp: 163794
Ion Ratio Lower Upper
91 100
106 29.7 21.5 39.9



#53
m,p-Xylene
Concen: 5.593 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion: 106 Resp: 65705
Ion Ratio Lower Upper
106 100
91 204.4 139.4 259.0

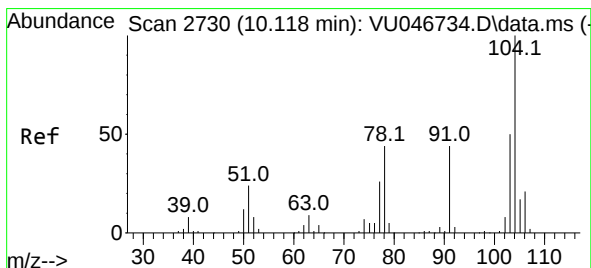
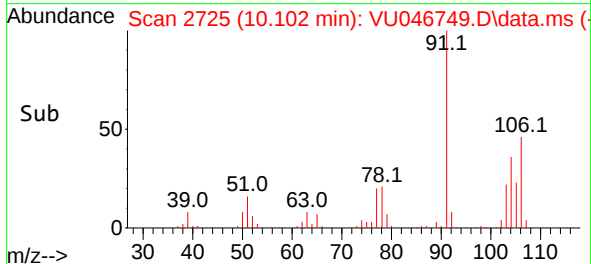
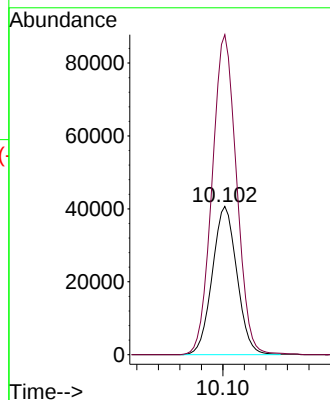
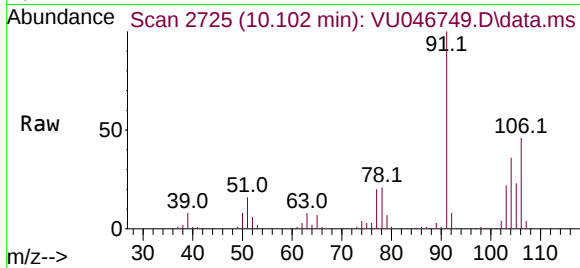




#54
o-Xylene
Concen: 5.726 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

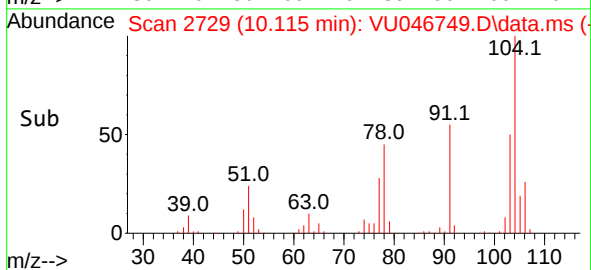
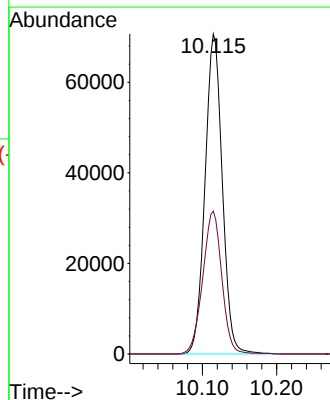
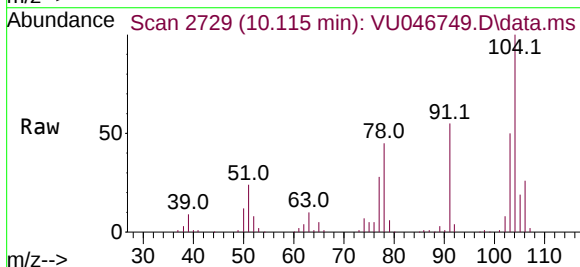
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

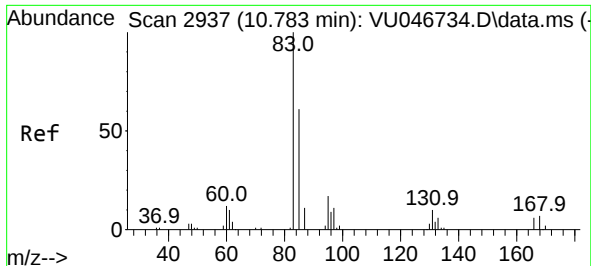
Tgt Ion:106 Resp: 64638
Ion Ratio Lower Upper
106 100
91 215.7 147.5 273.9



#55
Styrene
Concen: 5.828 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion:104 Resp: 114116
Ion Ratio Lower Upper
104 100
78 44.6 33.0 61.4

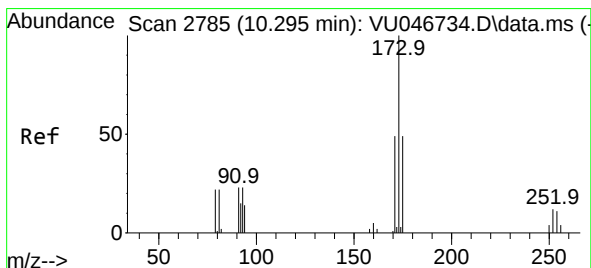
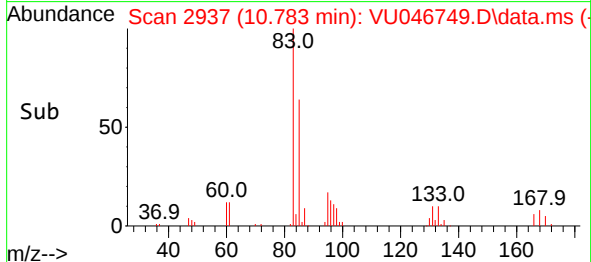
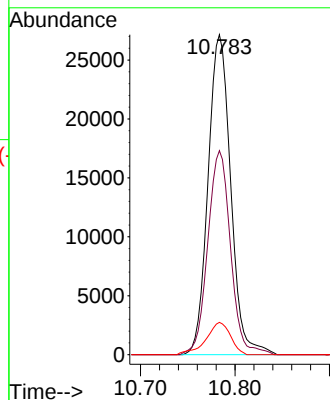
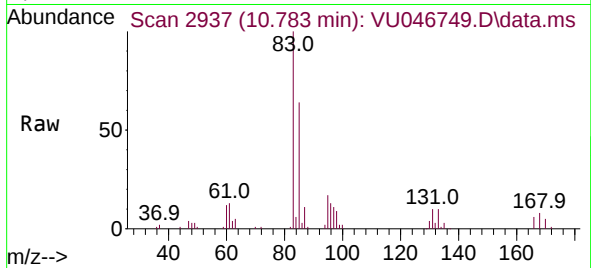




#57
1,1,2,2-Tetrachloroethane
Concen: 5.450 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

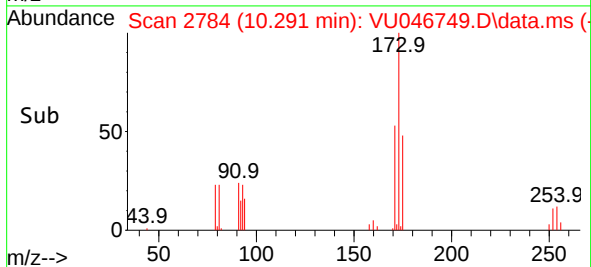
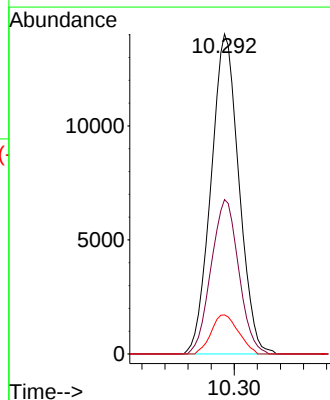
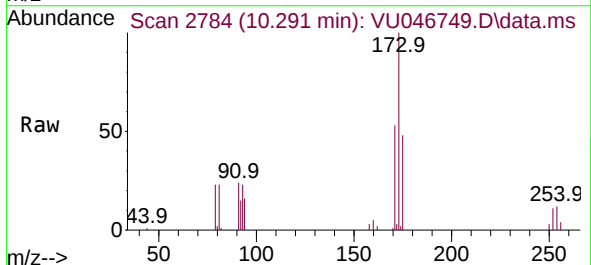
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

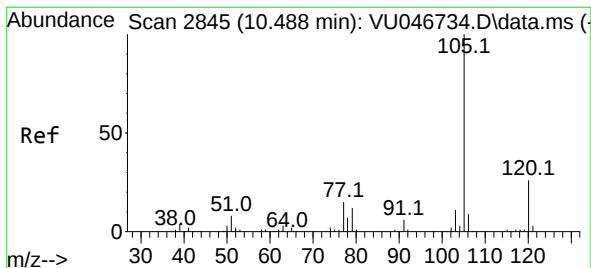
Tgt Ion: 83 Resp: 45216
Ion Ratio Lower Upper
83 100
85 63.7 47.9 89.1
131 10.1 8.1 12.1



#59
Bromoform
Concen: 4.777 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion:173 Resp: 23489
Ion Ratio Lower Upper
173 100
175 47.8 37.8 56.6
254 11.9 7.3 10.9#





#60

Isopropylbenzene

Concen: 5.281 ug/L

RT: 10.484 min Scan# 2845

Delta R.T. 0.000 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

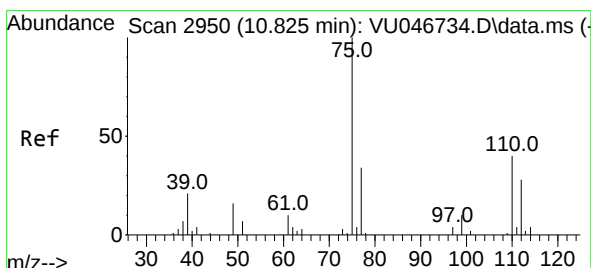
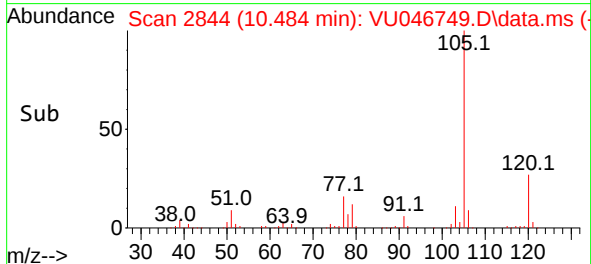
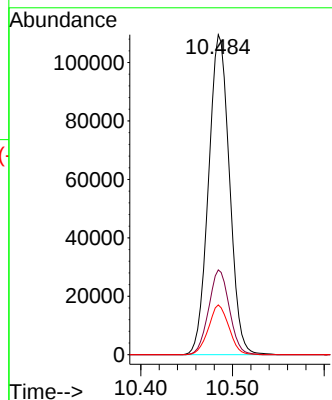
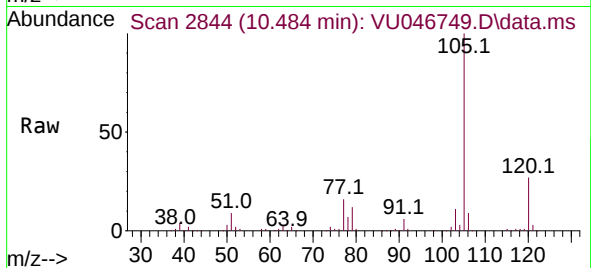
Tgt Ion:105 Resp: 173354

Ion Ratio Lower Upper

105 100

120 26.2 20.7 31.1

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.714 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

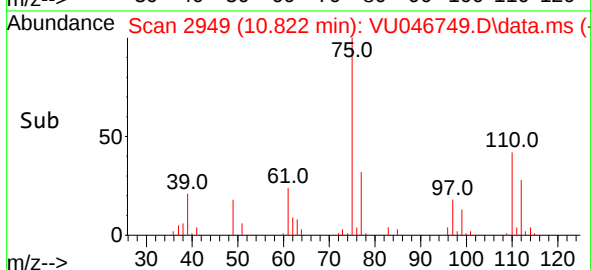
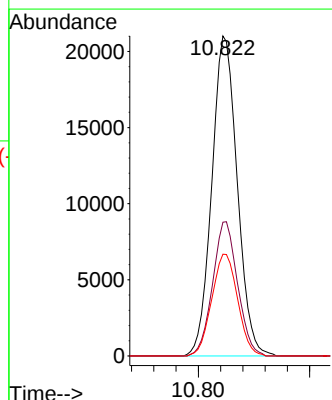
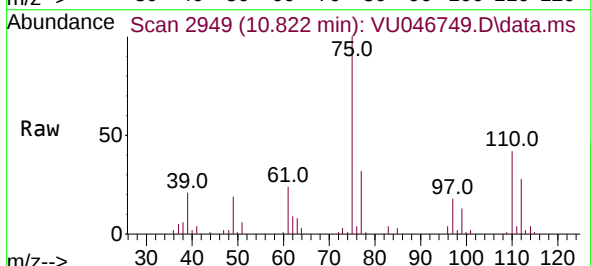
Tgt Ion: 75 Resp: 33324

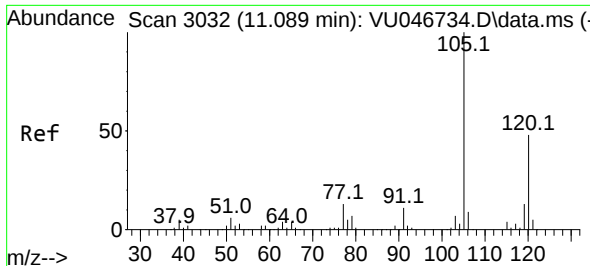
Ion Ratio Lower Upper

75 100

110 41.1 29.9 44.9

77 32.3 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.152 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

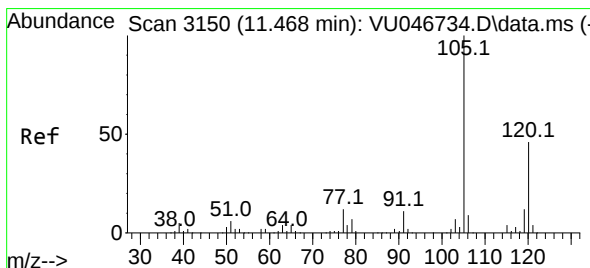
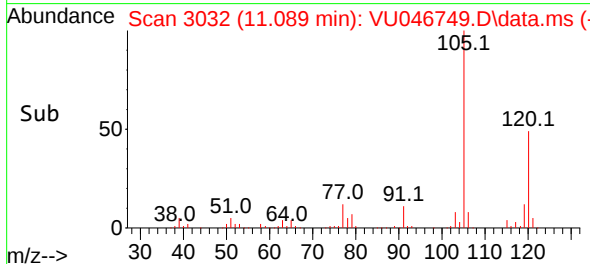
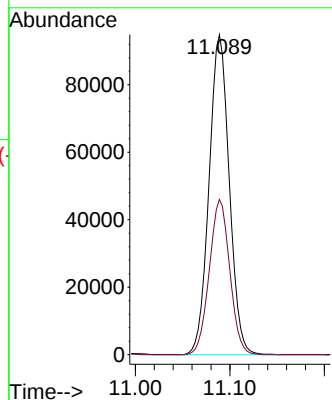
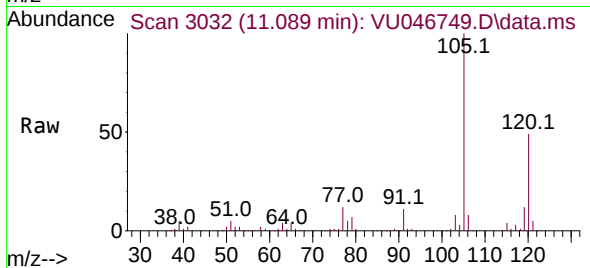
VSTD005147

Tgt Ion:105 Resp: 140655

Ion Ratio Lower Upper

105 100

120 49.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.315 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046749.D

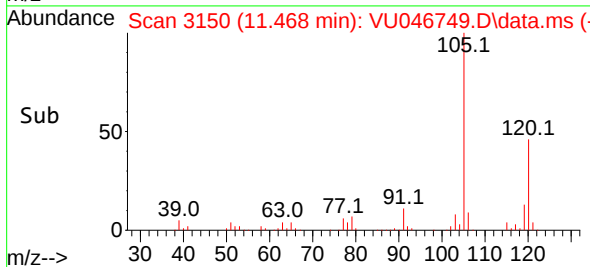
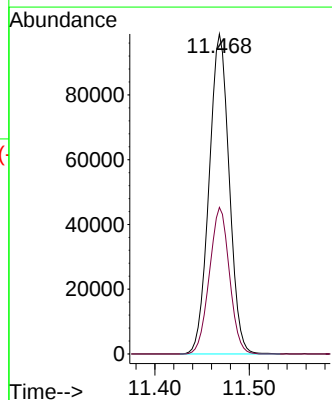
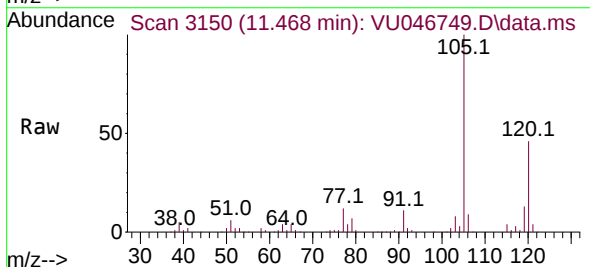
Acq: 12 Jan 2022 17:55

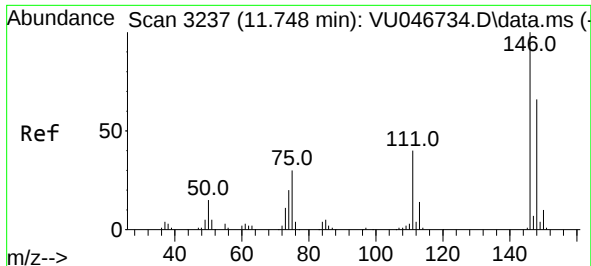
Tgt Ion:105 Resp: 146117

Ion Ratio Lower Upper

105 100

120 45.5 35.8 53.8

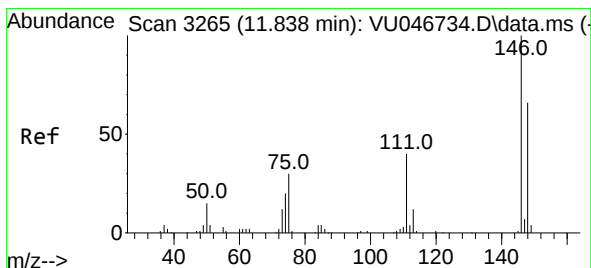
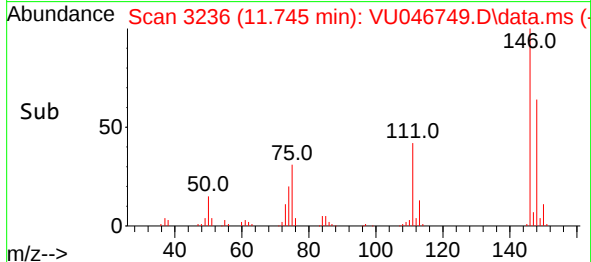
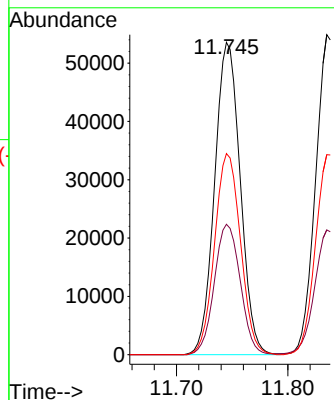
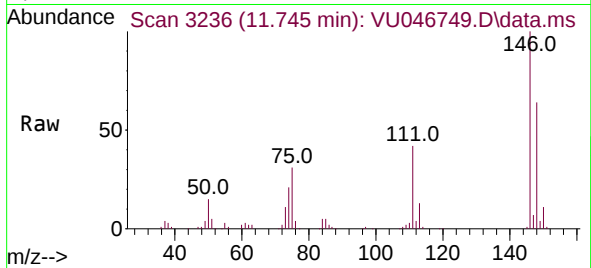




#64
1,3-Dichlorobenzene
Concen: 5.369 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

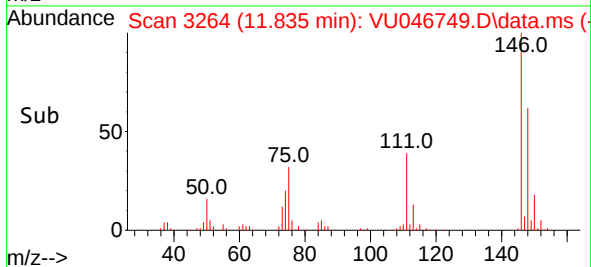
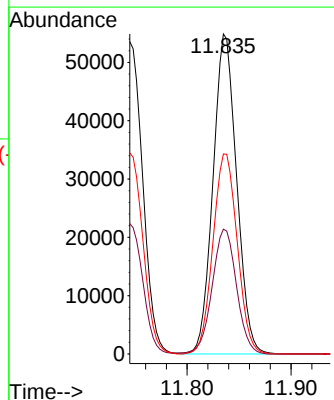
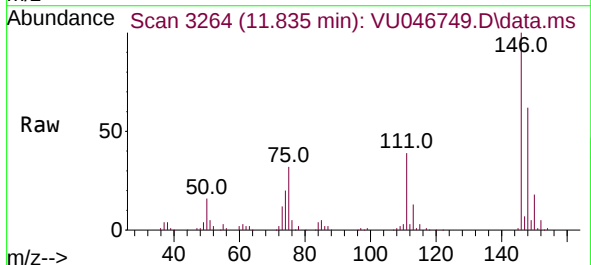
Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

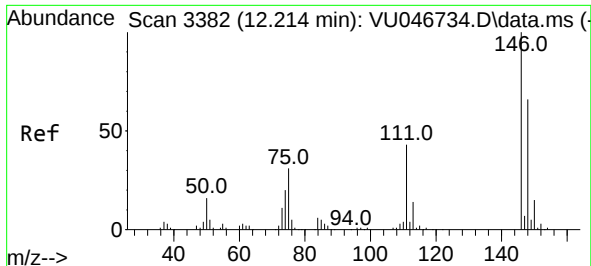
Tgt Ion:146 Resp: 85668
Ion Ratio Lower Upper
146 100
111 41.7 29.9 55.5
148 64.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.310 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion:146 Resp: 86736
Ion Ratio Lower Upper
146 100
111 39.0 28.7 53.3
148 62.5 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.341 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD005147

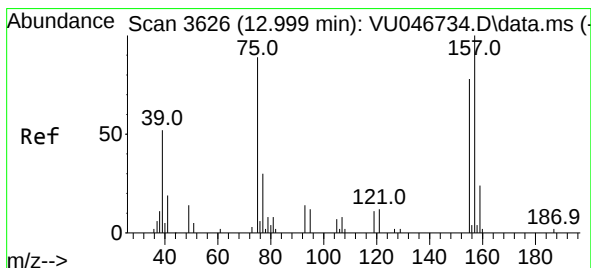
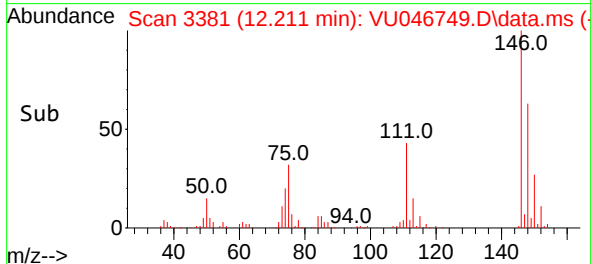
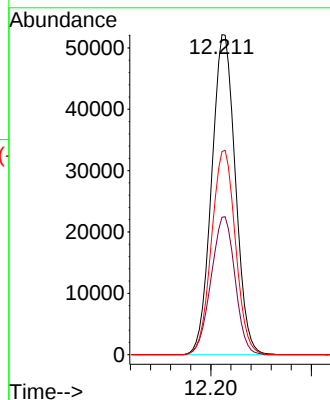
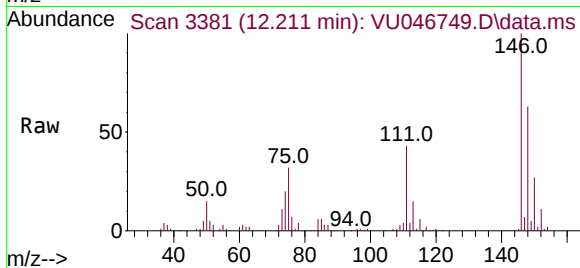
Tgt Ion:146 Resp: 85473

Ion Ratio Lower Upper

146 100

111 42.9 35.4 53.0

148 63.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.431 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU046749.D

Acq: 12 Jan 2022 17:55

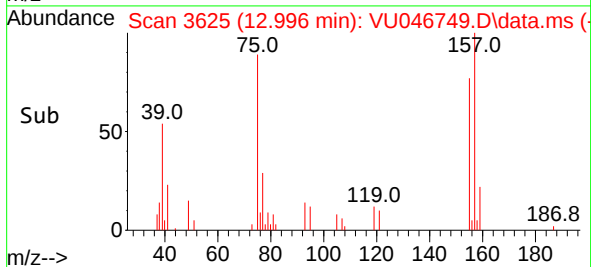
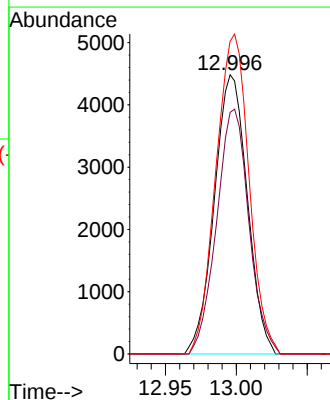
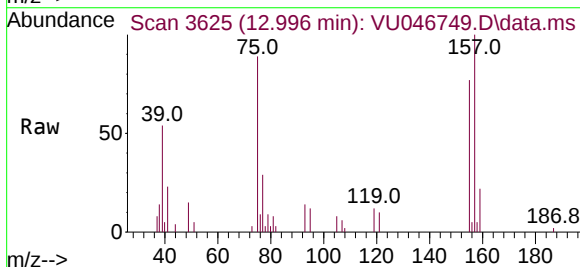
Tgt Ion: 75 Resp: 7251

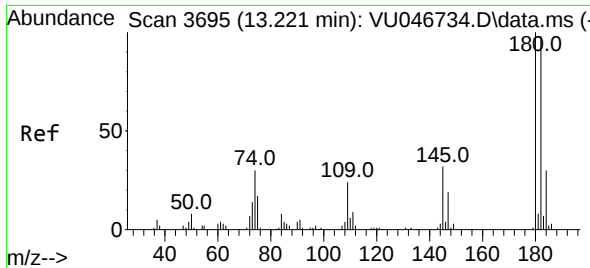
Ion Ratio Lower Upper

75 100

155 86.5 59.2 88.8

157 112.0 76.5 114.7



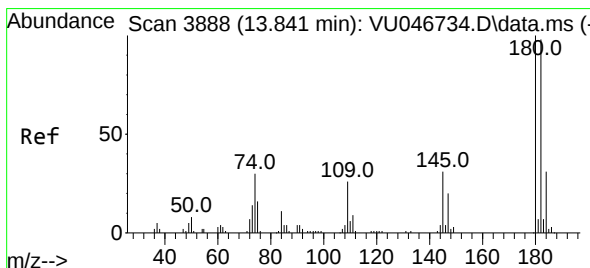
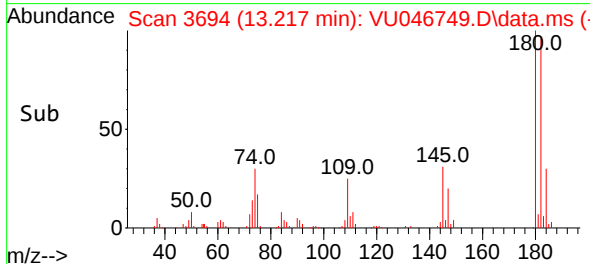
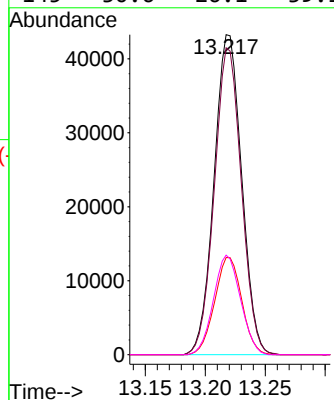
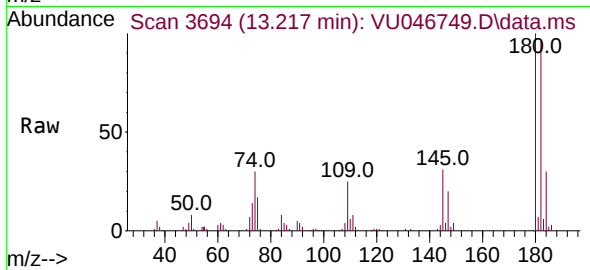


#69
1,3,5-Trichlorobenzene
Concen: 5.716 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

Tgt Ion:180 Resp: 69025

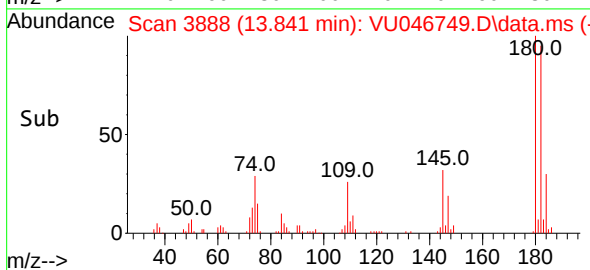
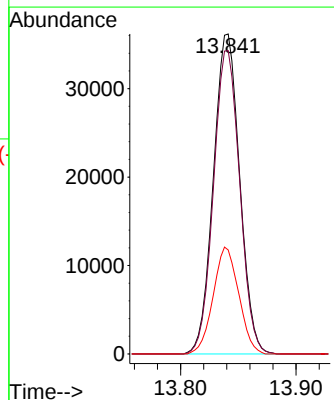
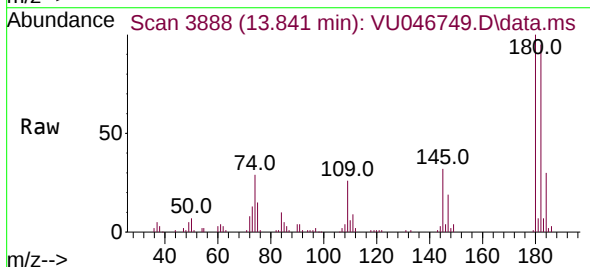
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.1	114.1
184	29.9	25.0	37.4
145	30.6	26.1	39.1

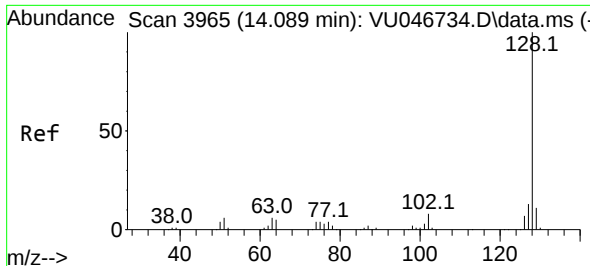


#70
1,2,4-trichlorobenzene
Concen: 5.591 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion:180 Resp: 57191

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	32.5	25.6	38.4

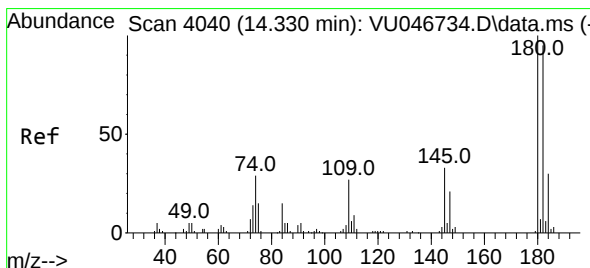
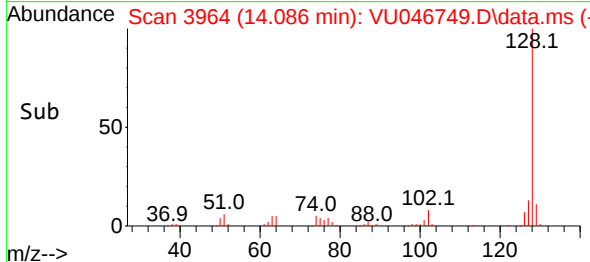
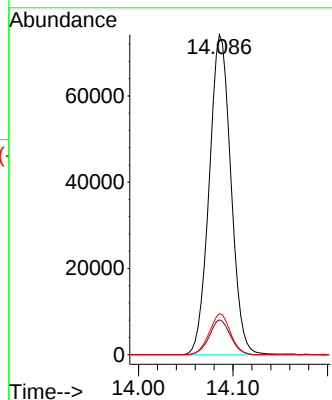
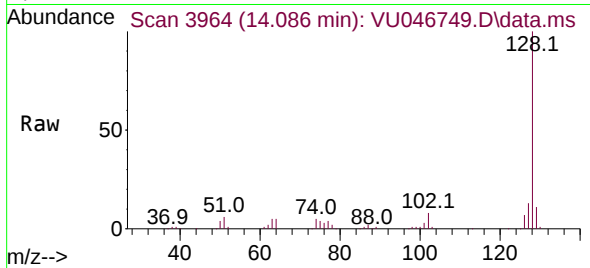




#71
Naphthalene
Concen: 5.199 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD005147

Tgt Ion:128 Resp: 118097
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.4 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.660 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046749.D
Acq: 12 Jan 2022 17:55

Tgt Ion:180 Resp: 57320
Ion Ratio Lower Upper
180 100
182 97.2 76.2 114.4
145 32.4 28.4 42.6

