

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011922\
 Data File : VU046800.D
 Acq On : 19 Jan 2022 18:43
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

Quant Time: Jan 20 02:03:10 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	6.250	114	100610	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	106976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	59990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39663	4.652	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.916	69	33483	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.568	65	16033	4.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.600%
20) 2-Butanone-d5	4.652	46	130979	51.860	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	5.067	84	74298	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.703	65	41445	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.729	84	153147	4.871	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.694	67	47415	5.023	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.899	98	135884	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	8.182	79	19180	4.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.639	63	119825	48.814	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45322	4.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	51937	4.617	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	56084	5.926	ug/L	99
3) Chloromethane	1.520	50	45984	5.900	ug/L	100
5) Vinyl chloride	1.604	62	45977	5.666	ug/L	97
6) Bromomethane	1.861	94	28752	5.663	ug/L	97
8) Chloroethane	1.938	64	26585	5.692	ug/L	99
9) Trichlorofluoromethane	2.141	101	56703	5.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	32185	5.475	ug/L	96
12) 1,1-Dichloroethene	2.584	96	30100	5.358	ug/L	83
13) Acetone	2.674	43	58742	42.763	ug/L	60
14) Carbon disulfide	2.797	76	99918	5.415	ug/L	100
15) Methyl Acetate	2.964	43	12479	4.159	ug/L #	80
16) Methylene chloride	3.047	84	35778	5.274	ug/L	93
17) Methyl tert-butyl Ether	3.366	73	84193	5.342	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	32954	5.416	ug/L	96
19) 1,1-Dichloroethane	3.877	63	59168	5.792	ug/L	99
21) 2-Butanone	4.726	43	110916	50.207	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	37262	5.805	ug/L	92
23) Bromochloromethane	4.977	128	17395	5.508	ug/L	88
25) Chloroform	5.092	83	70026	4.319	ug/L	97

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 Response via : Initial Calibration

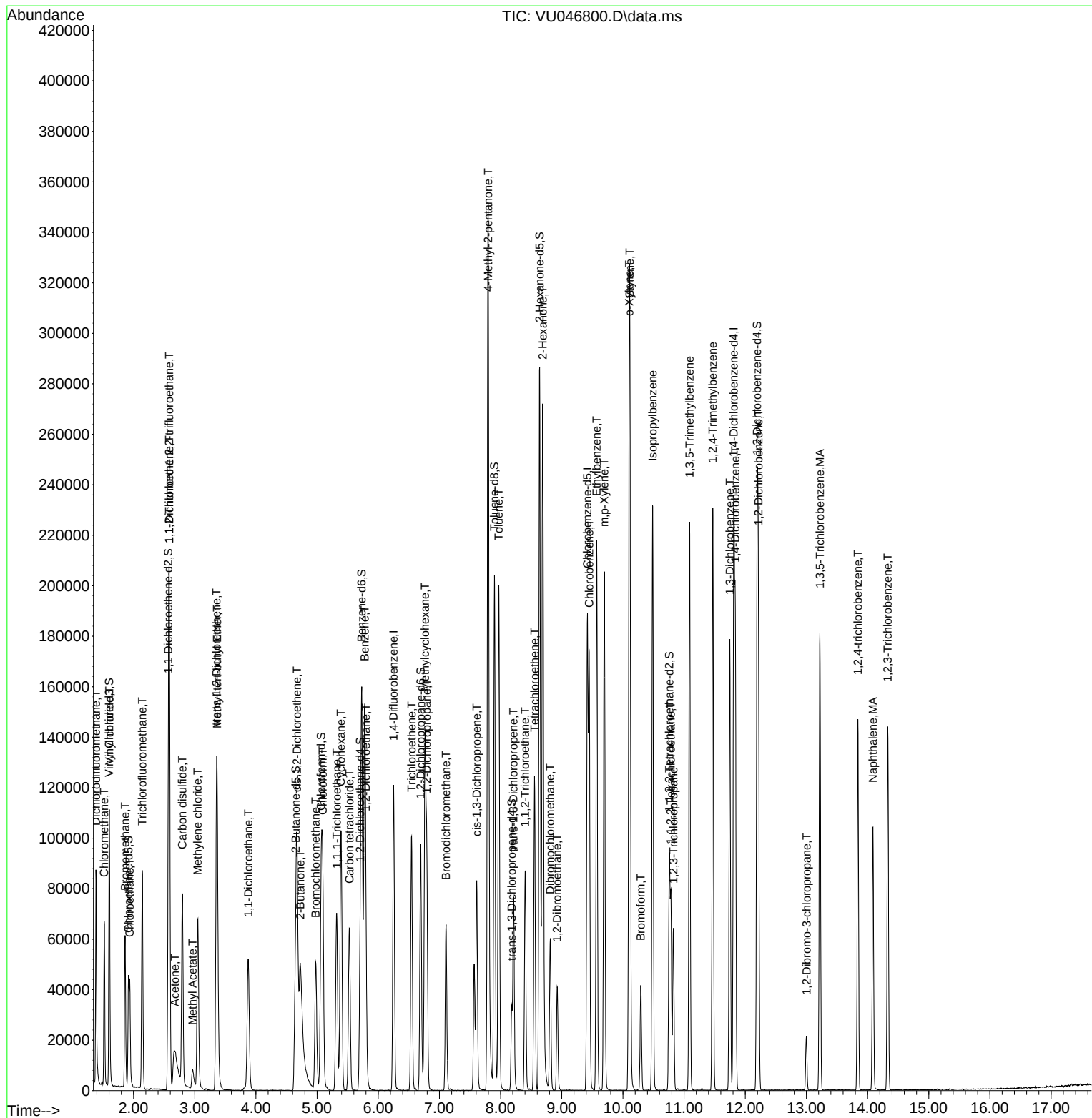
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	39850	5.568	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	53948	5.599	ug/L	97
30) Cyclohexane	5.391	56	52591	5.381	ug/L	95
31) Carbon tetrachloride	5.526	117	44874	5.428	ug/L	99
33) Benzene	5.777	78	138413	5.496	ug/L	100
34) Trichloroethene	6.546	95	34876	5.333	ug/L	97
35) Methylcyclohexane	6.764	83	56905	5.195	ug/L	95
37) 1,2-Dichloropropane	6.793	63	35165	5.691	ug/L	98
38) Bromodichloromethane	7.108	83	43620	4.905	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	52233	5.418	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	238756	52.710	ug/L	96
42) Toluene	7.970	91	149577	4.969	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	44738	5.209	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	28384	5.400	ug/L	96
47) Tetrachloroethene	8.555	164	27820	5.231	ug/L	95
48) 2-Hexanone	8.690	43	179535	52.511	ug/L	96
49) Dibromochloromethane	8.813	129	32176	5.189	ug/L	96
50) 1,2-Dibromoethane	8.925	107	27503	5.162	ug/L #	98
51) Chlorobenzene	9.449	112	94608	5.411	ug/L	97
52) Ethylbenzene	9.571	91	153453	5.362	ug/L	99
53) m,p-Xylene	9.697	106	61313	5.374	ug/L	98
54) o-Xylene	10.102	106	59591	5.388	ug/L	100
55) Styrene	10.115	104	100889	5.576	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	36444	5.155	ug/L	99
59) Bromoform	10.292	173	18721	5.068	ug/L	97
60) Isopropylbenzene	10.484	105	158013	5.654	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	26960	5.304	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	124292	5.419	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	129484	5.486	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	73478	5.261	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	73936	5.259	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	71588	5.299	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	5691	5.394	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	56518	5.132	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	44514	4.835	ug/L	99
71) Naphthalene	14.089	128	84715	4.520	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	44401	5.106	ug/L	98

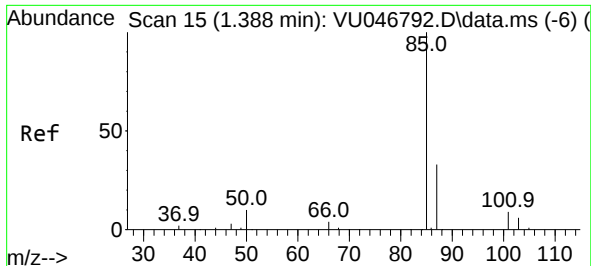
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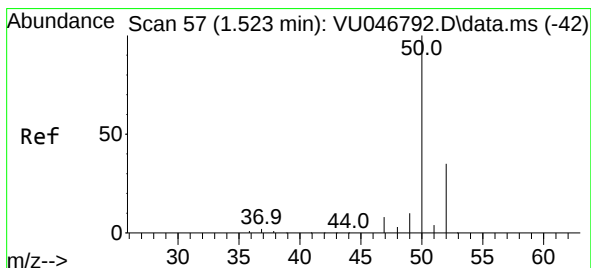
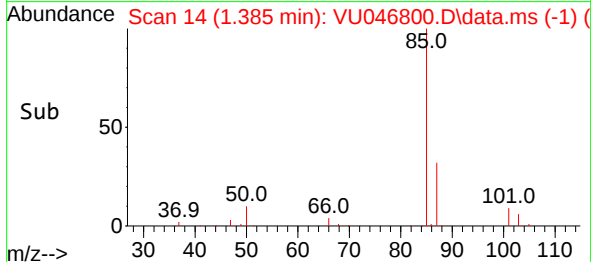
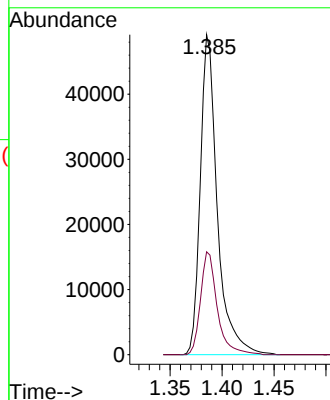
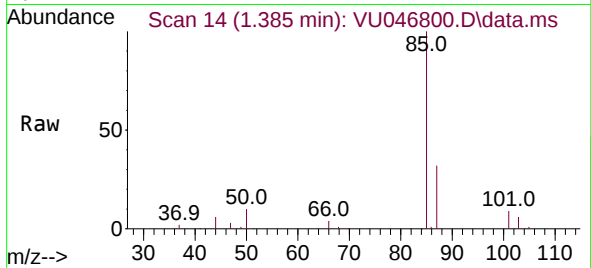




#2
 Dichlorodifluoromethane
 Concen: 5.926 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU046800.D
 Acq: 19 Jan 2022 18:43

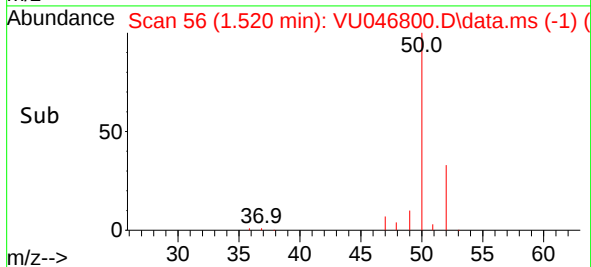
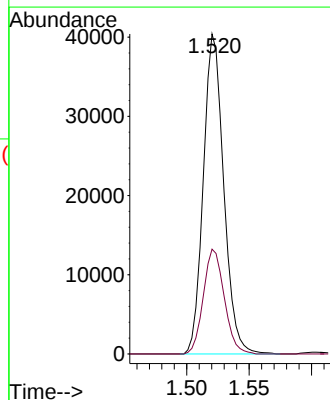
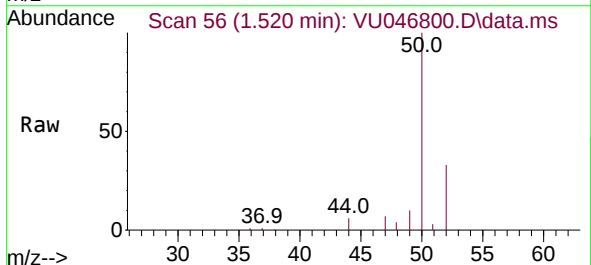
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

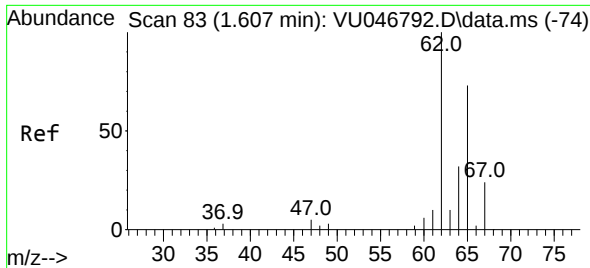
Tgt Ion: 85 Resp: 56084
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.6



#3
 Chloromethane
 Concen: 5.900 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU046800.D
 Acq: 19 Jan 2022 18:43

Tgt Ion: 50 Resp: 45984
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.0 42.8

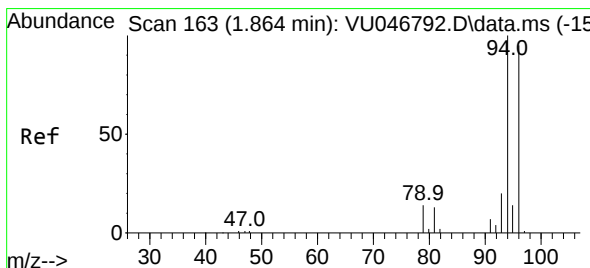
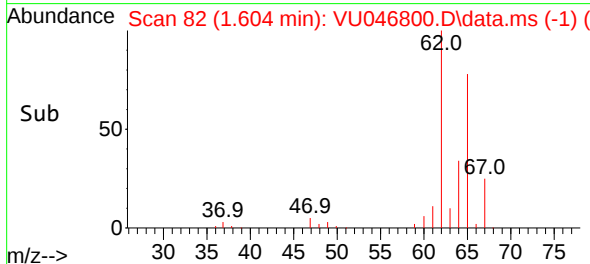
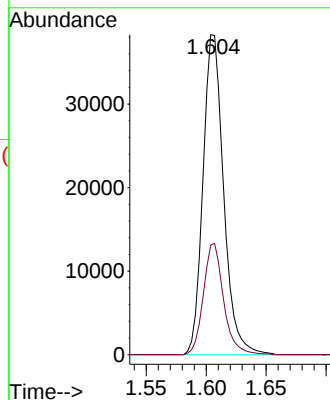
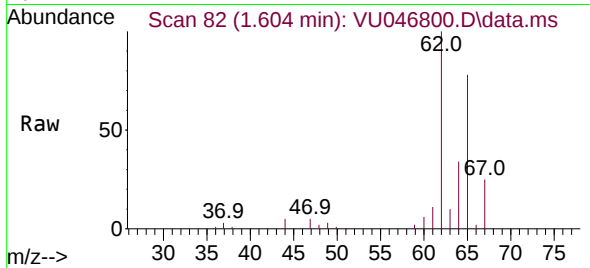




#5
 Vinyl chloride
 Concen: 5.666 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046800.D
 Acq: 19 Jan 2022 18:43

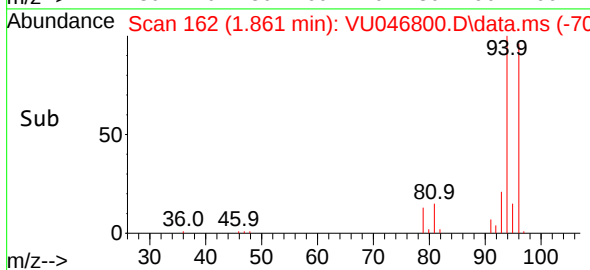
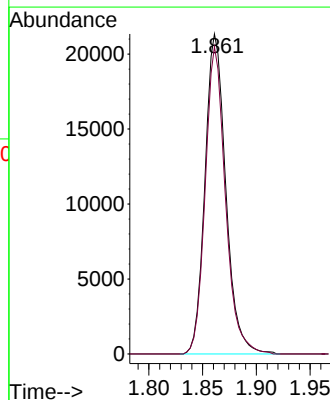
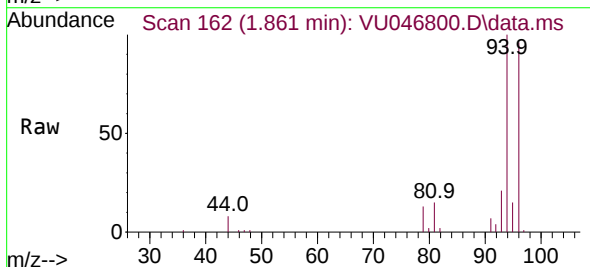
Instrument :
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 VSTD005167

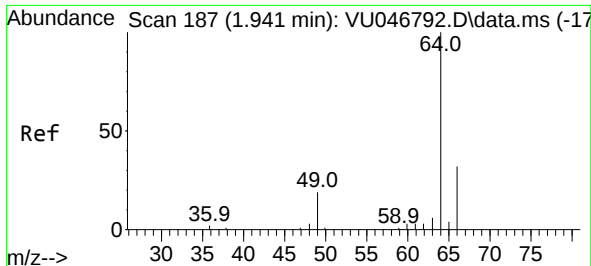
Tgt Ion: 62 Resp: 45977
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.9 42.5



#6
 Bromomethane
 Concen: 5.663 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU046800.D
 Acq: 19 Jan 2022 18:43

Tgt Ion: 94 Resp: 28752
 Ion Ratio Lower Upper
 94 100
 96 96.0 65.5 121.6

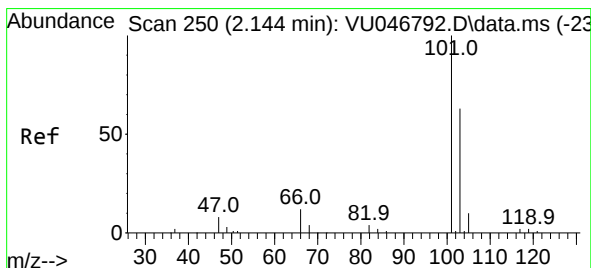
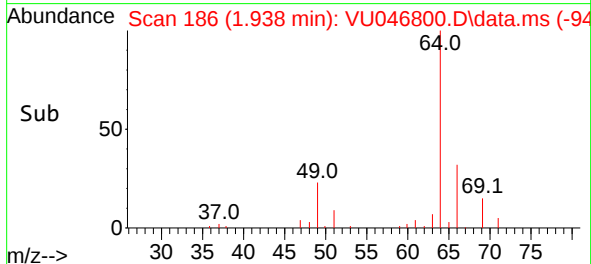
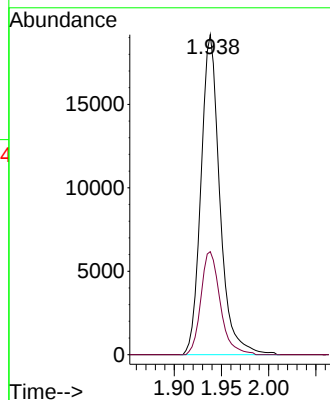
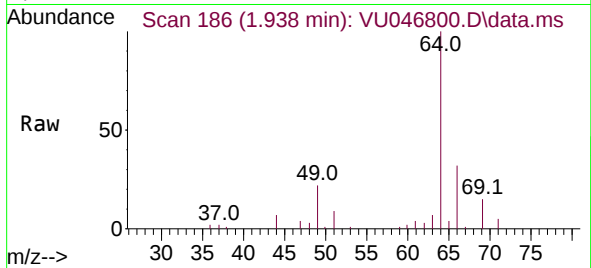




#8
Chloroethane
Concen: 5.692 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

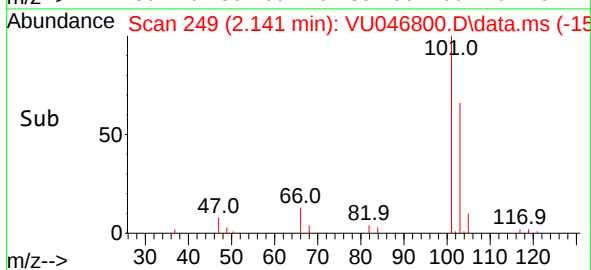
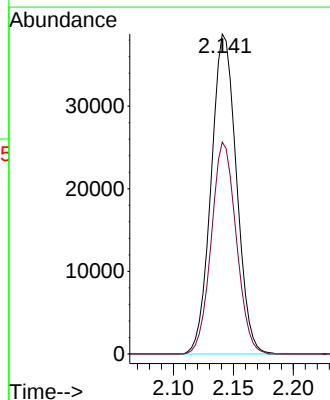
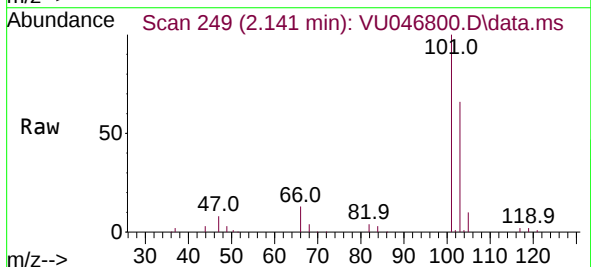
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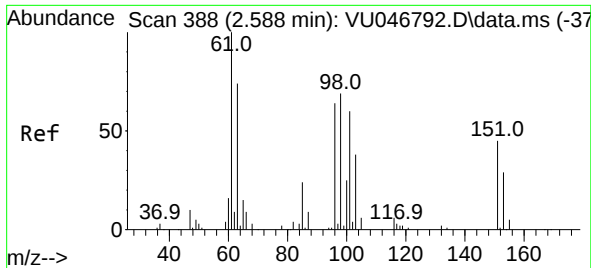
Tgt Ion: 64 Resp: 26585
Ion Ratio Lower Upper
64 100
66 32.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.735 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion:101 Resp: 56703
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

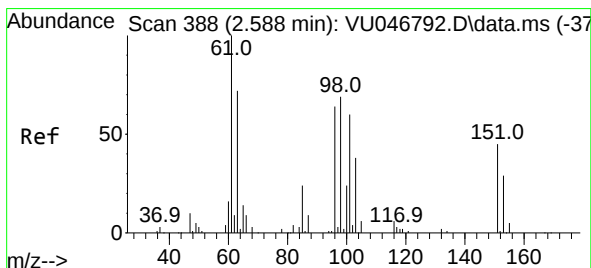
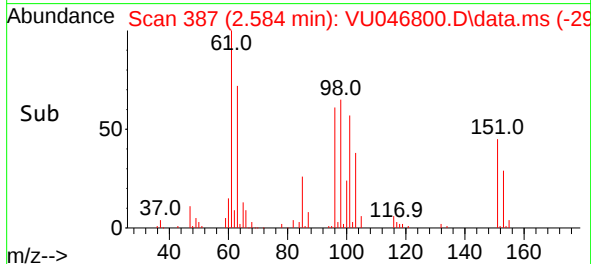
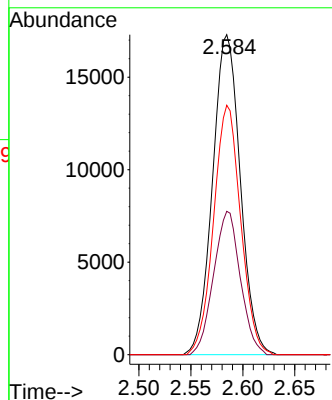
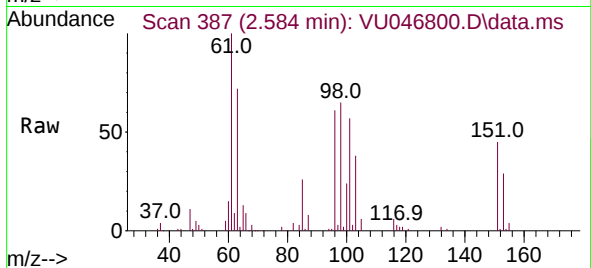




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.475 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046800.D
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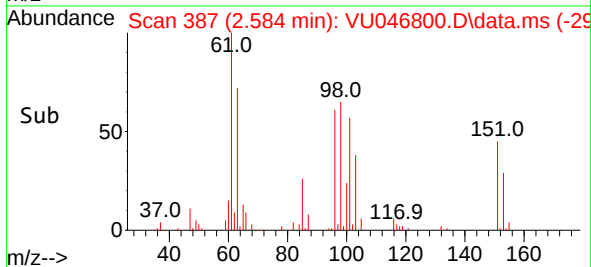
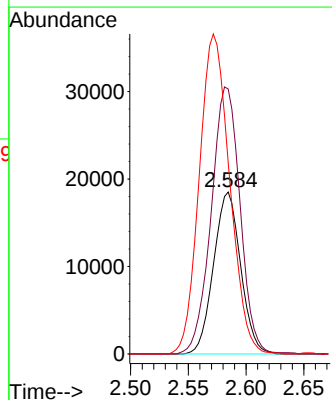
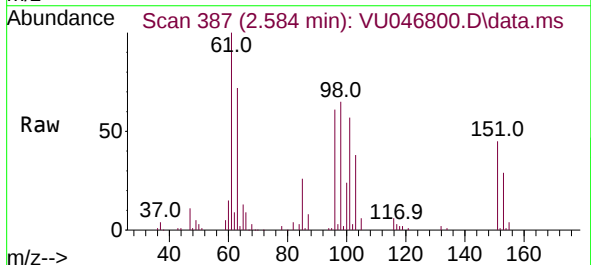
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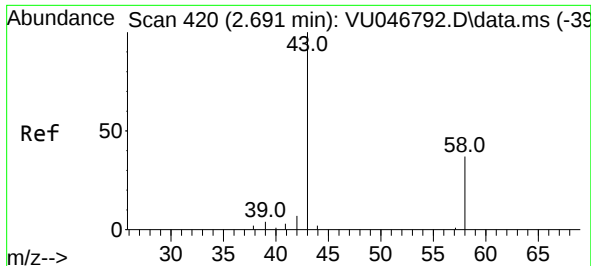
Tgt Ion:101 Resp: 32185
Ion Ratio Lower Upper
101 100
85 43.1 34.6 51.8
151 76.0 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.358 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion: 96 Resp: 30100
Ion Ratio Lower Upper
96 100
61 163.6 124.7 231.5
63 118.1 105.2 195.4





#13

Acetone

Concen: 42.763 ug/L

RT: 2.674 min Scan# 41

Delta R.T. -0.016 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

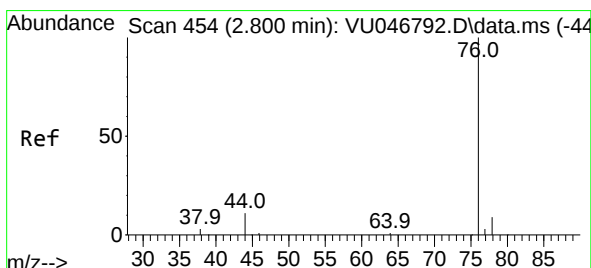
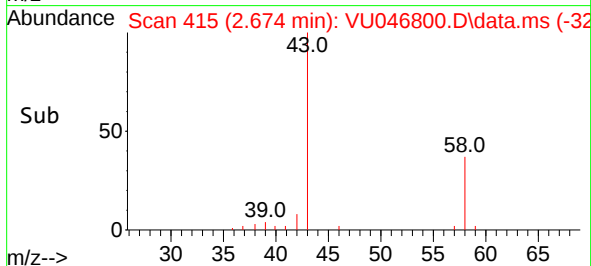
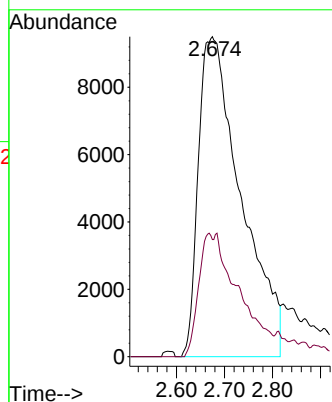
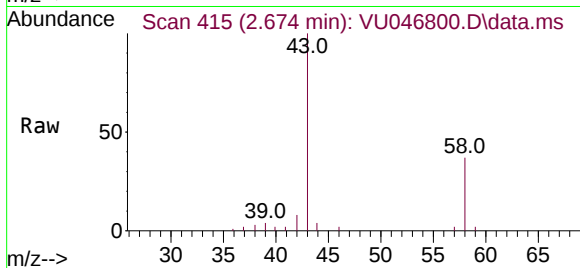
VSTD005167

Tgt Ion: 43 Resp: 58742

Ion Ratio Lower Upper

43 100

58 12.4 0.0 71.6



#14

Carbon disulfide

Concen: 5.415 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046800.D

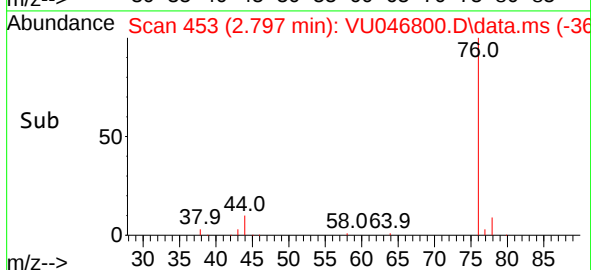
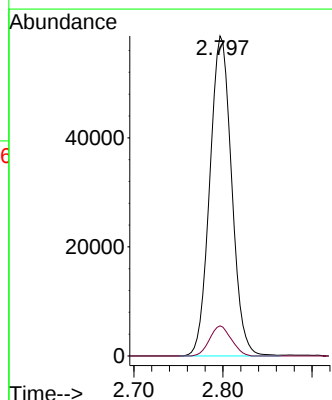
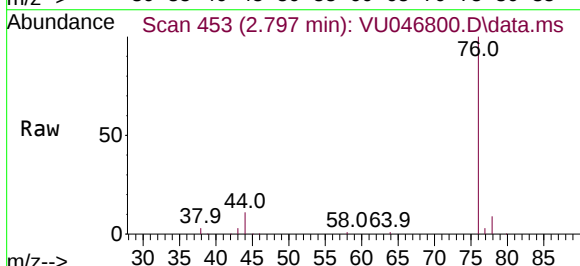
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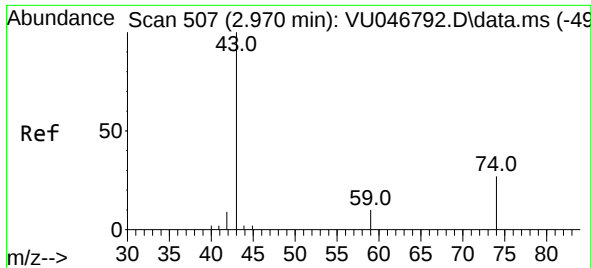
Tgt Ion: 76 Resp: 99918

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

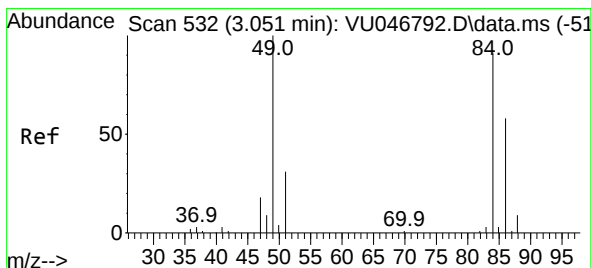
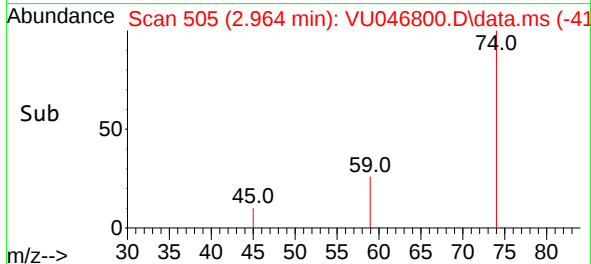
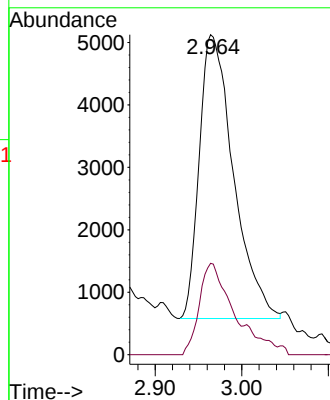
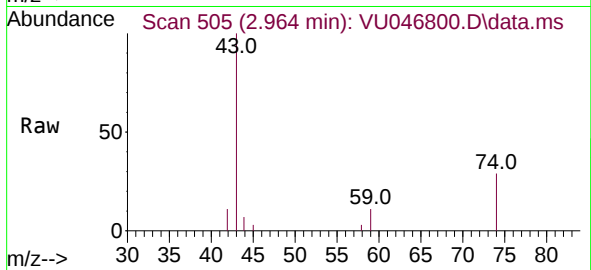




#15
Methyl Acetate
Concen: 4.159 ug/L
RT: 2.964 min Scan# 507
Delta R.T. -0.006 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

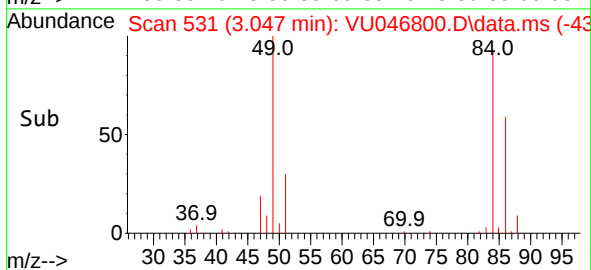
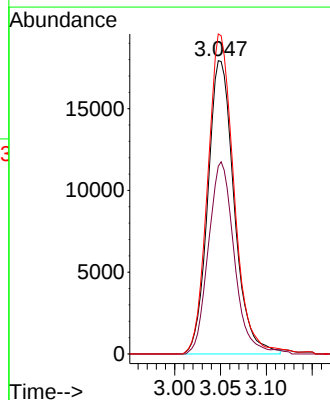
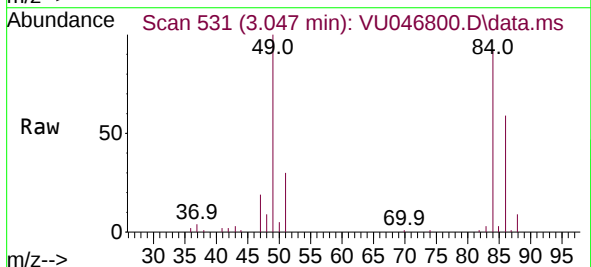
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

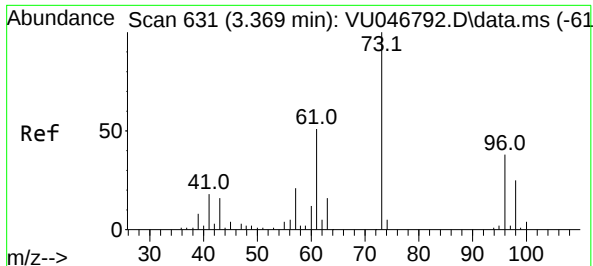
Tgt Ion: 43 Resp: 12479
Ion Ratio Lower Upper
43 100
74 33.6 19.1 28.7#



#16
Methylene chloride
Concen: 5.274 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion: 84 Resp: 35778
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.0
49 109.1 84.5 156.9

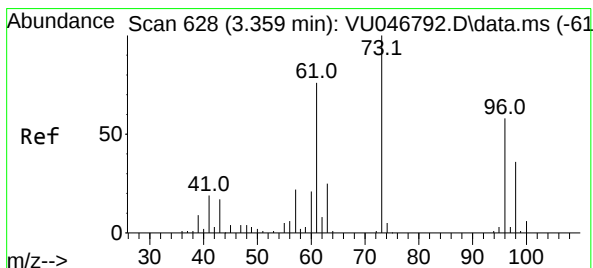
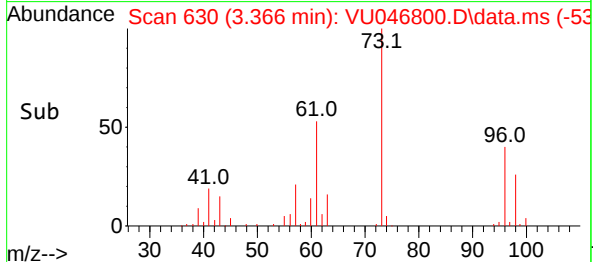
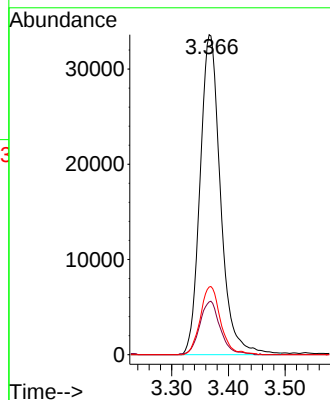
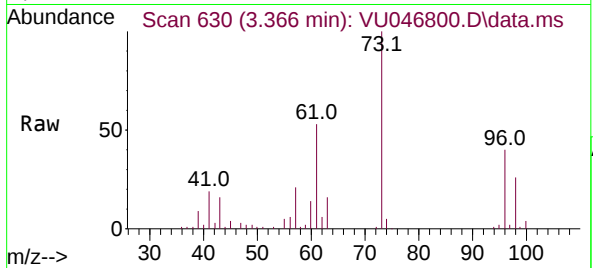




#17
Methyl tert-butyl Ether
Concen: 5.342 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

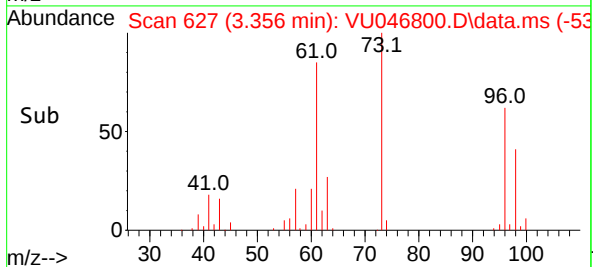
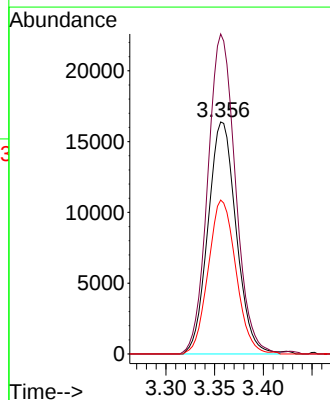
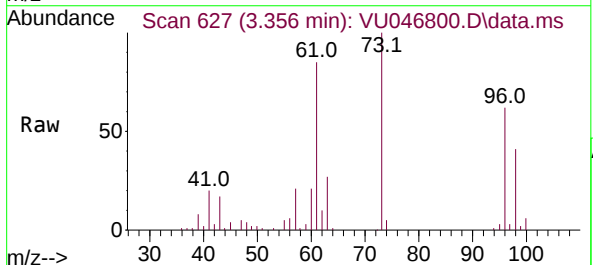
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

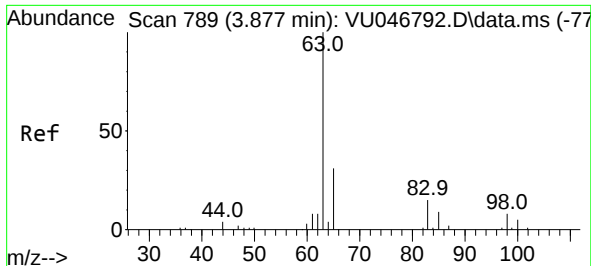
Tgt Ion: 73 Resp: 84193
Ion Ratio Lower Upper
73 100
43 16.8 14.8 22.2
57 20.7 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.416 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion: 96 Resp: 32954
Ion Ratio Lower Upper
96 100
61 138.0 100.8 187.2
98 66.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.792 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD005167

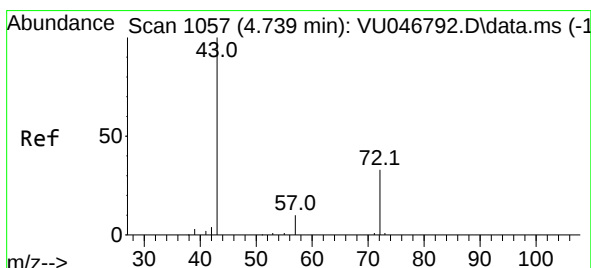
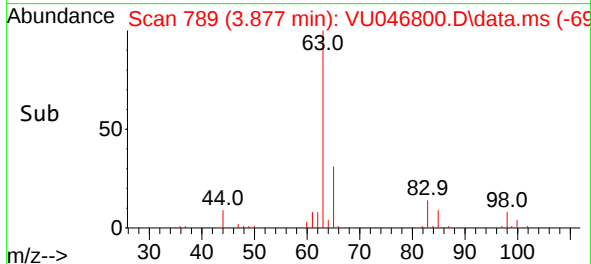
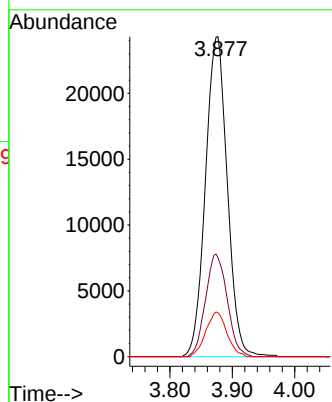
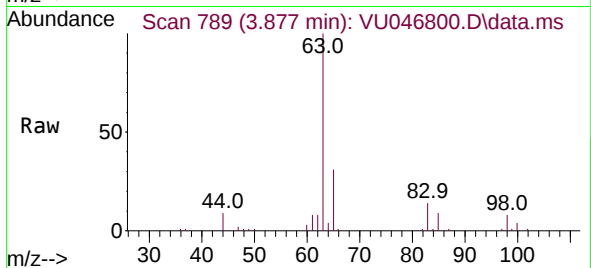
Tgt Ion: 63 Resp: 59168

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.5

83 13.7 9.6 17.8



#21

2-Butanone

Concen: 50.207 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. -0.013 min

Lab File: VU046800.D

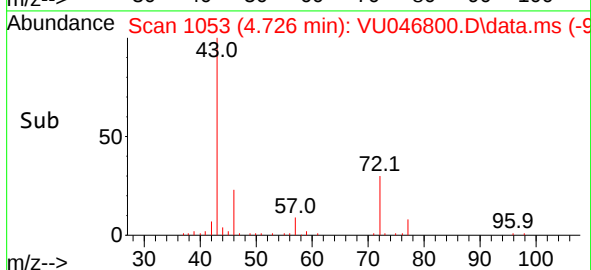
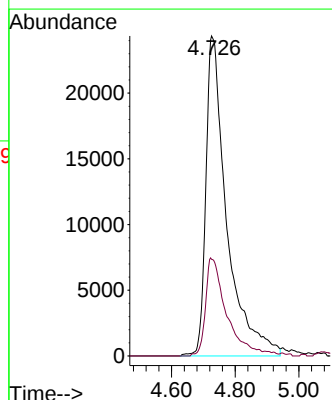
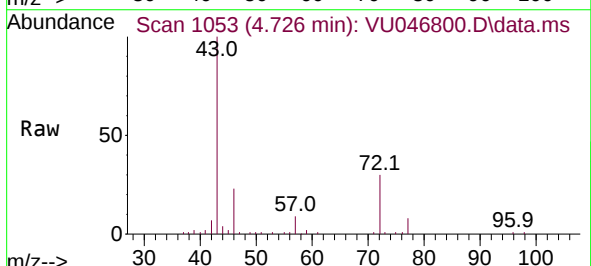
Acq: 19 Jan 2022 18:43

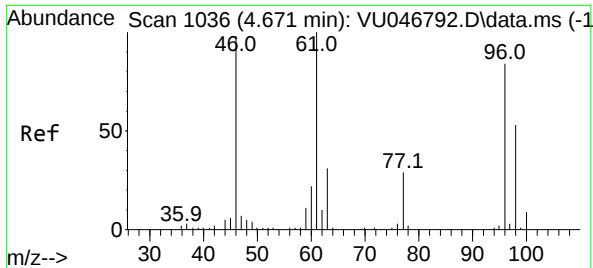
Tgt Ion: 43 Resp: 110916

Ion Ratio Lower Upper

43 100

72 29.8 14.1 42.3

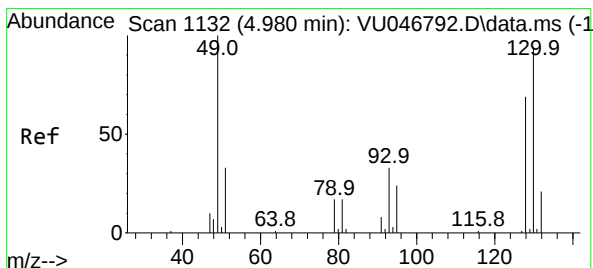
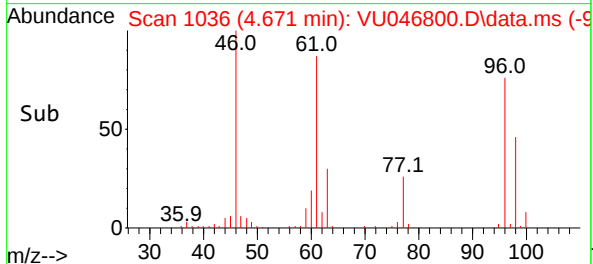
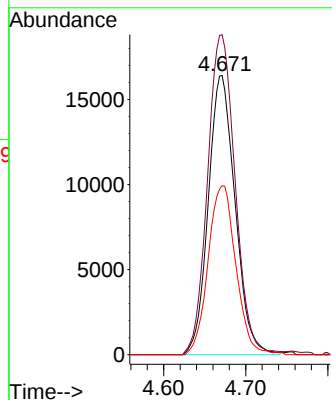
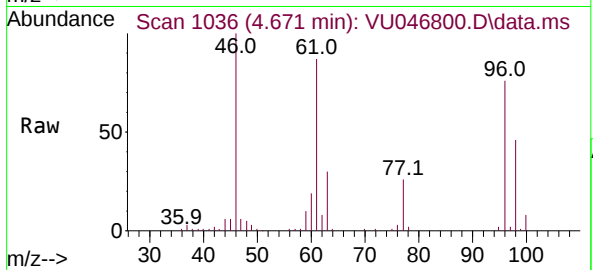




#22
 cis-1,2-Dichloroethene
 Concen: 5.805 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU046800.D
 Acq: 19 Jan 2022 18:43

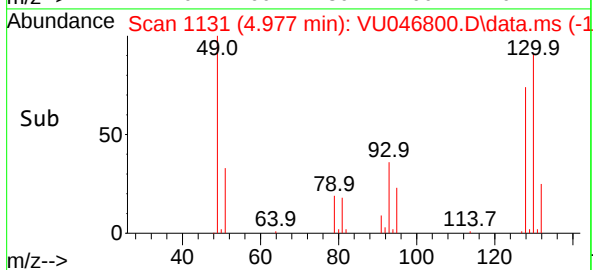
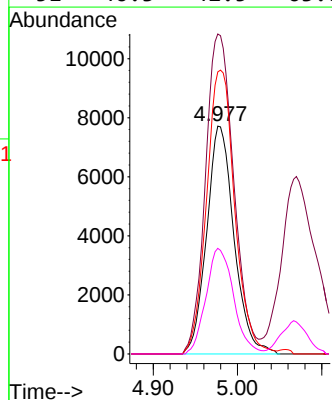
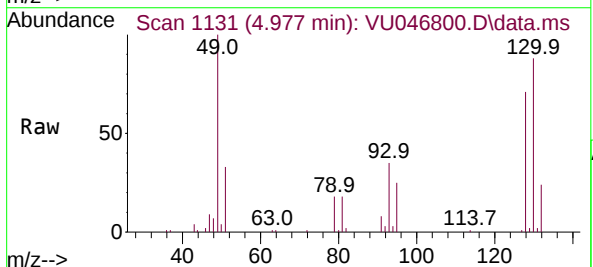
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

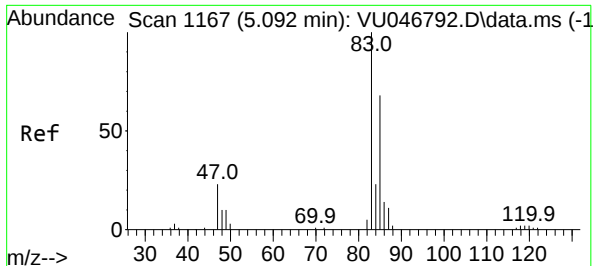
Tgt Ion: 96 Resp: 37262
 Ion Ratio Lower Upper
 96 100
 61 114.6 88.5 164.3
 98 60.5 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.508 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. -0.003 min
 Lab File: VU046800.D
 Acq: 19 Jan 2022 18:43

Tgt Ion: 128 Resp: 17395
 Ion Ratio Lower Upper
 128 100
 49 140.4 117.0 217.2
 130 123.8 88.2 163.8
 51 46.3 42.5 63.7





#25

Chloroform

Concen: 4.319 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

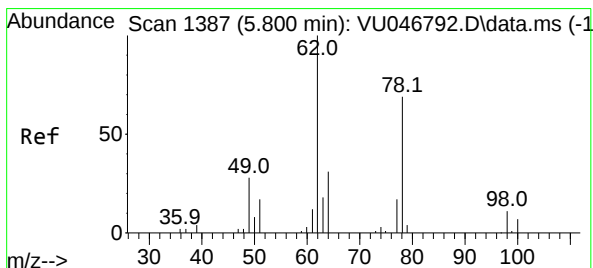
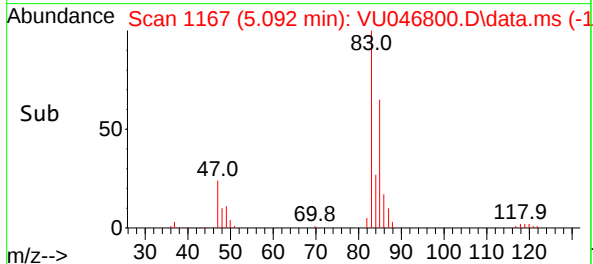
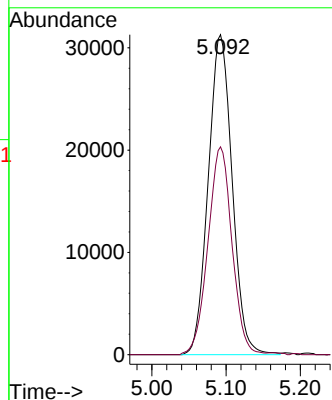
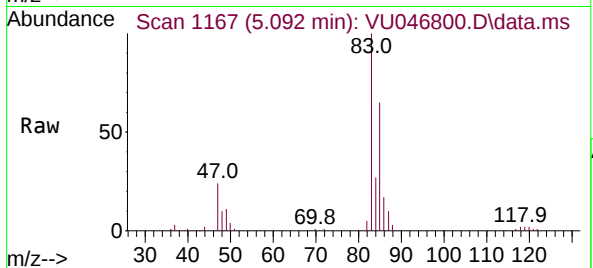
VSTD005167

Tgt Ion: 83 Resp: 70026

Ion Ratio Lower Upper

83 100

85 65.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.568 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046800.D

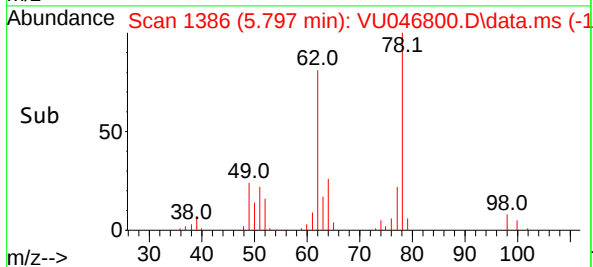
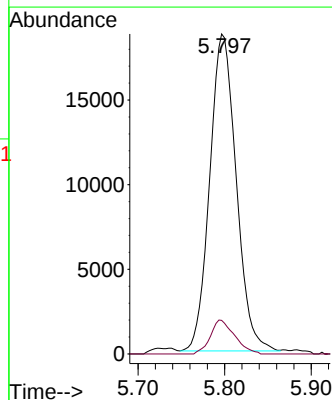
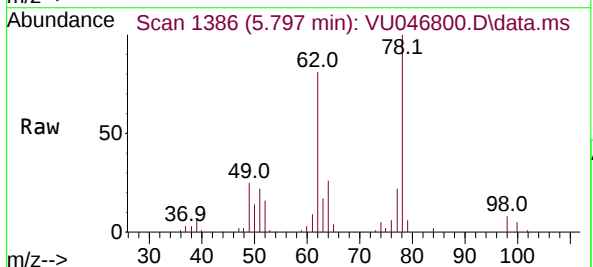
Acq: 19 Jan 2022 18:43

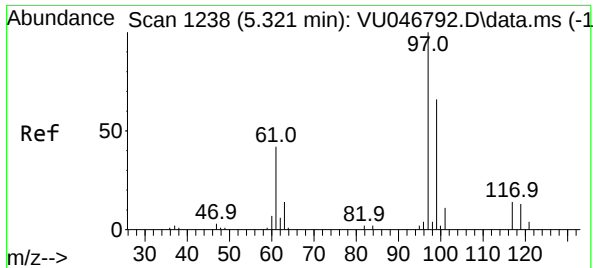
Tgt Ion: 62 Resp: 39850

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.599 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD005167

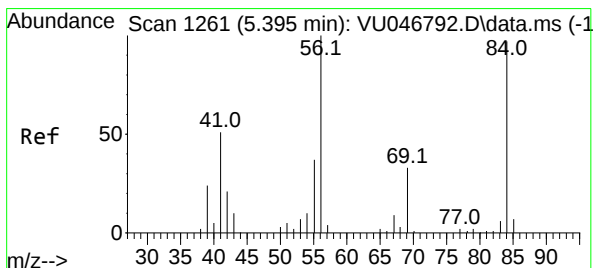
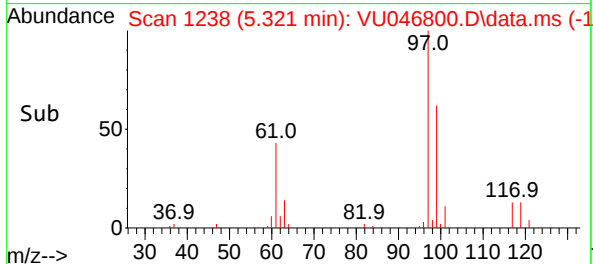
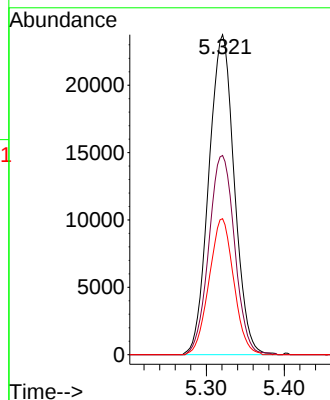
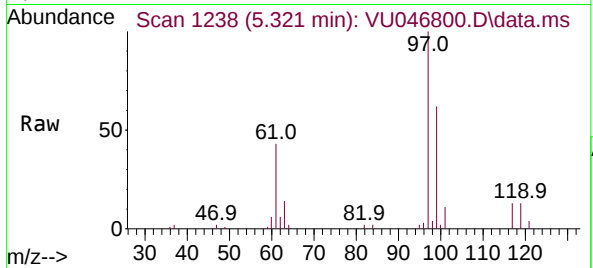
Tgt Ion: 97 Resp: 53948

Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 41.1 36.1 54.1



#30

Cyclohexane

Concen: 5.381 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

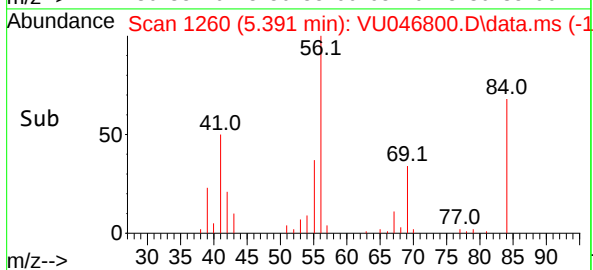
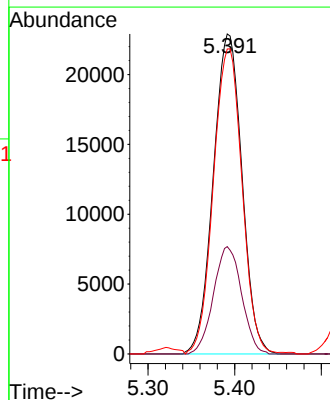
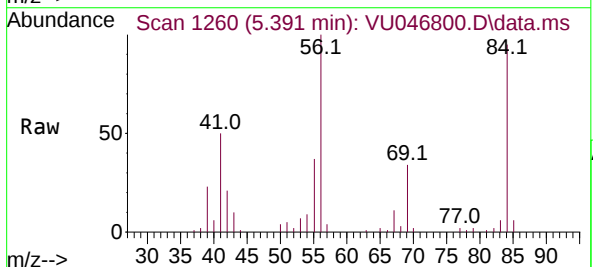
Tgt Ion: 56 Resp: 52591

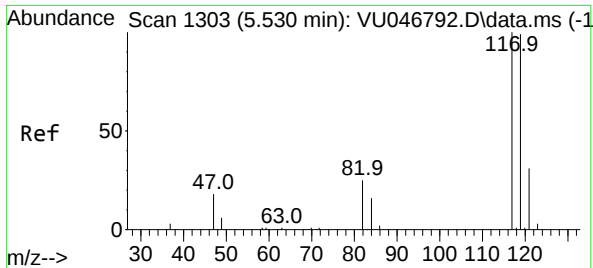
Ion Ratio Lower Upper

56 100

69 32.9 24.7 37.1

84 95.3 71.8 107.6

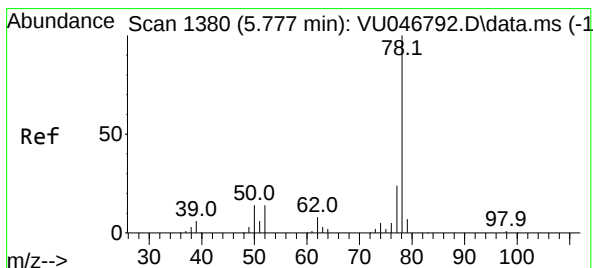
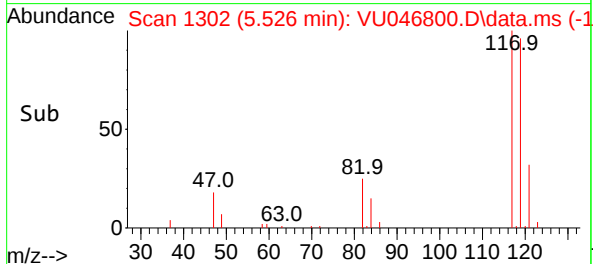
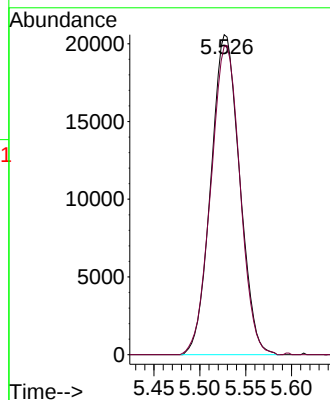
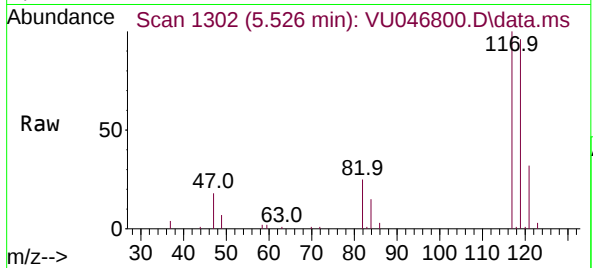




#31
Carbon tetrachloride
Concen: 5.428 ug/L
RT: 5.526 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

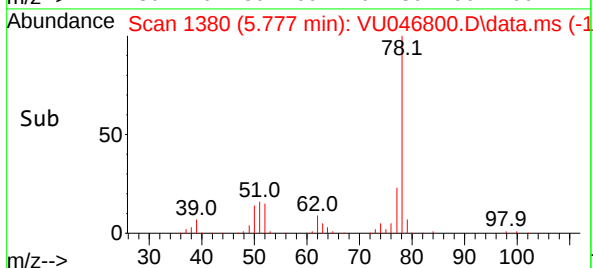
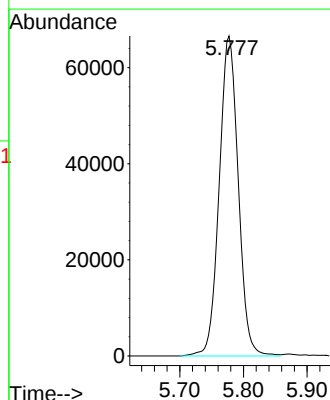
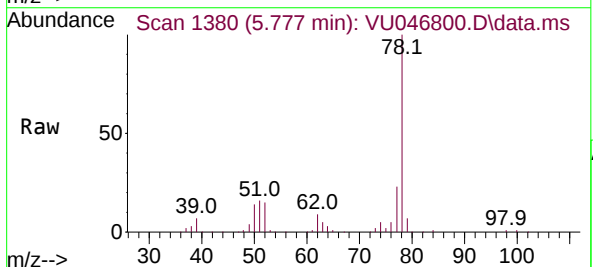
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

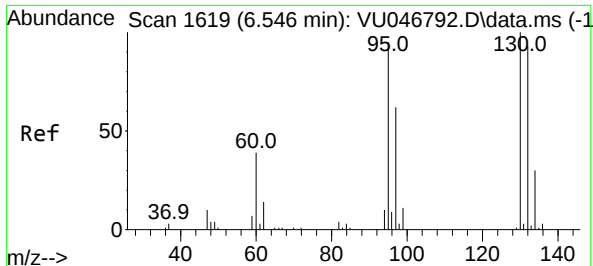
Tgt Ion:117 Resp: 44874
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3



#33
Benzene
Concen: 5.496 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion: 78 Resp: 138413

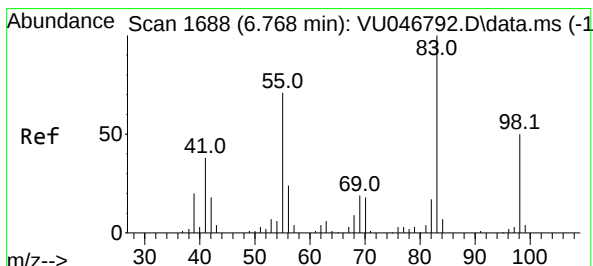
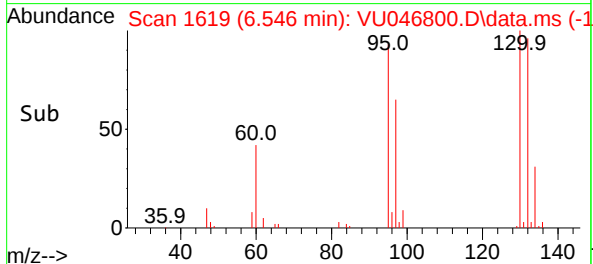
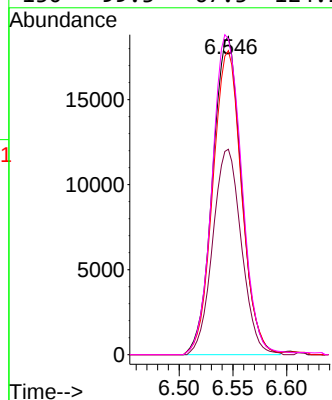
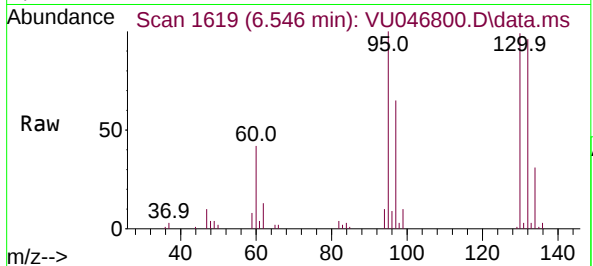




#34
Trichloroethene
Concen: 5.333 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

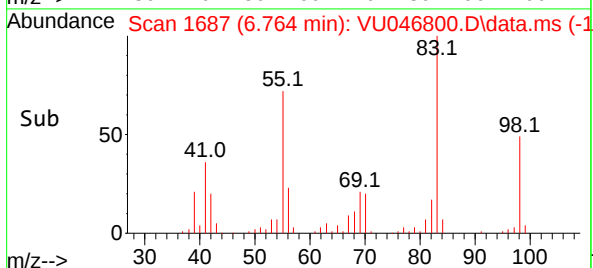
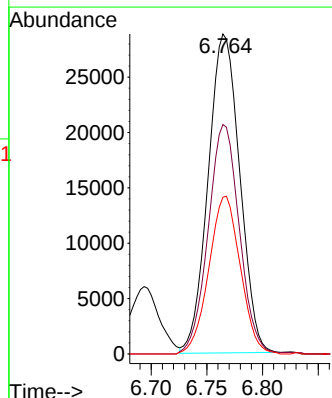
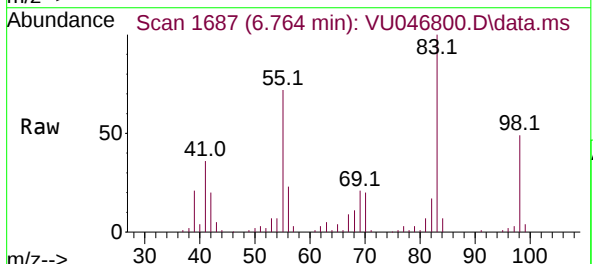
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

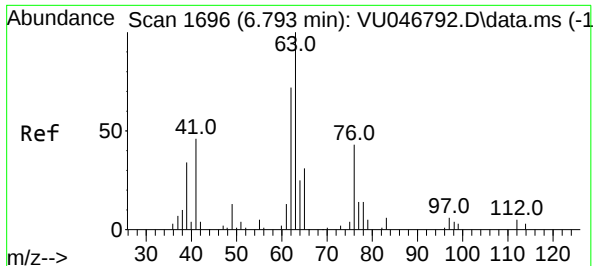
Tgt Ion: 95 Resp: 34876
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 95.5 65.1 120.9
130 99.3 67.3 124.9



#35
Methylcyclohexane
Concen: 5.195 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion: 83 Resp: 56905
Ion Ratio Lower Upper
83 100
55 71.0 61.9 92.9
98 49.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.691 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

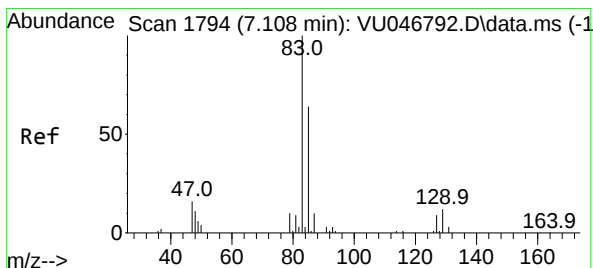
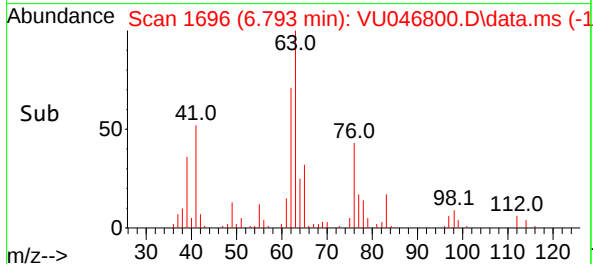
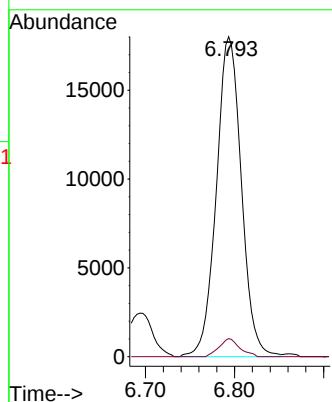
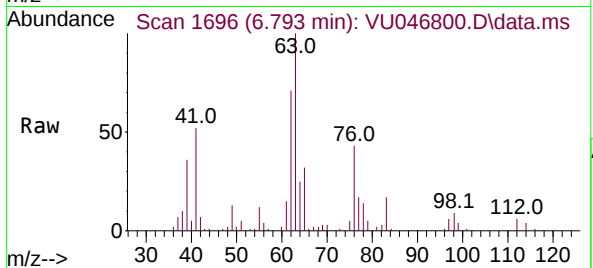
VSTD005167

Tgt Ion: 63 Resp: 35165

Ion Ratio Lower Upper

63 100

112 4.6 3.2 4.8



#38

Bromodichloromethane

Concen: 4.905 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

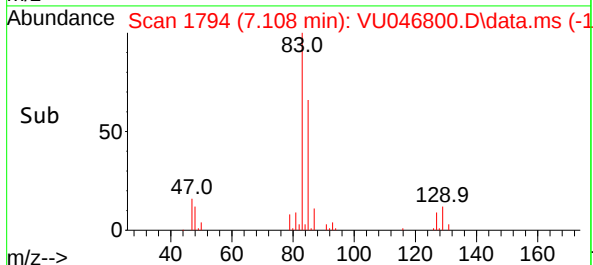
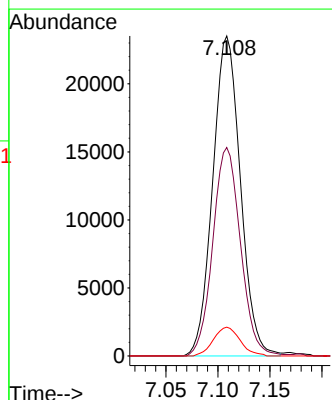
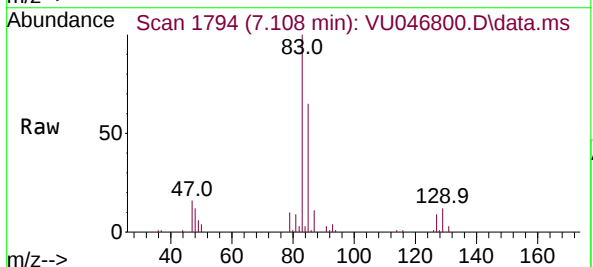
Tgt Ion: 83 Resp: 43620

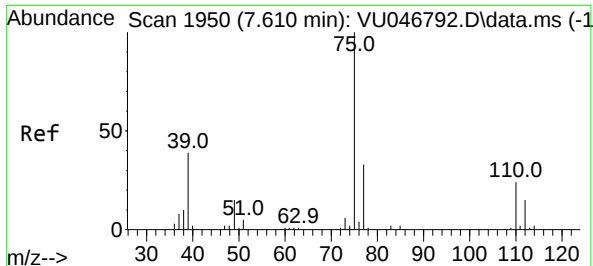
Ion Ratio Lower Upper

83 100

85 65.2 44.0 81.8

127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.418 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

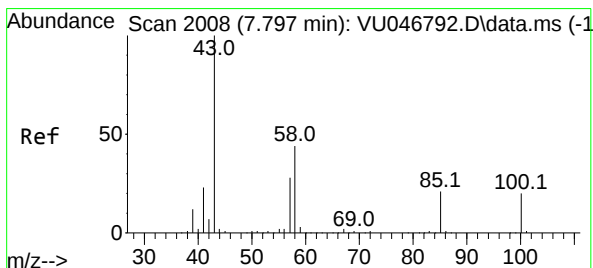
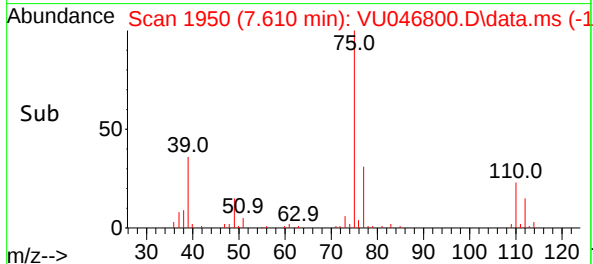
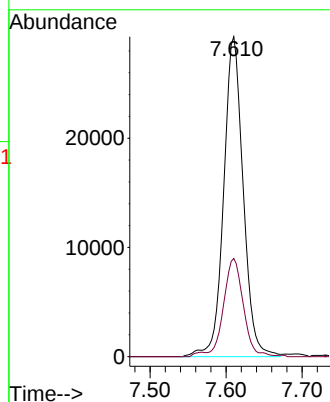
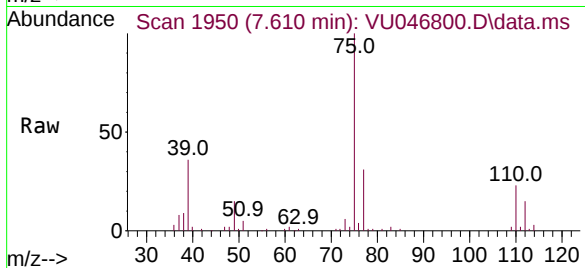
VSTD005167

Tgt Ion: 75 Resp: 52233

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.710 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

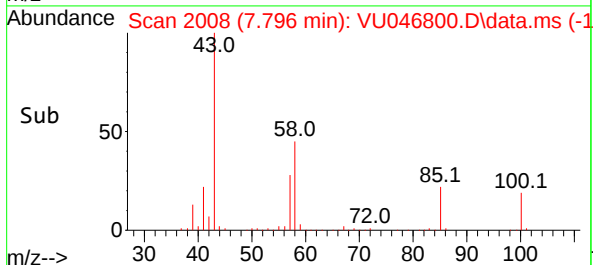
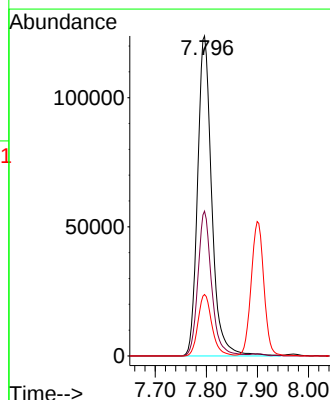
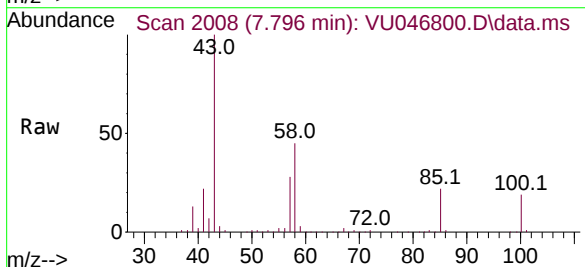
Tgt Ion: 43 Resp: 238756

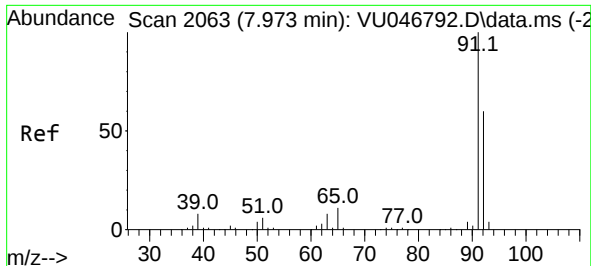
Ion Ratio Lower Upper

43 100

58 43.9 33.1 49.7

100 18.9 13.2 19.8





#42

Toluene

Concen: 4.969 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

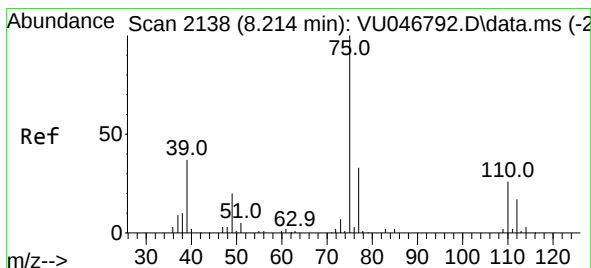
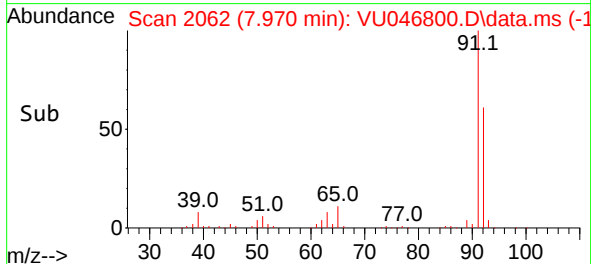
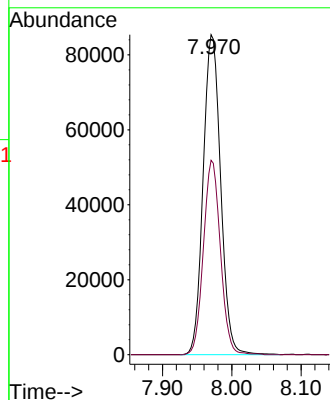
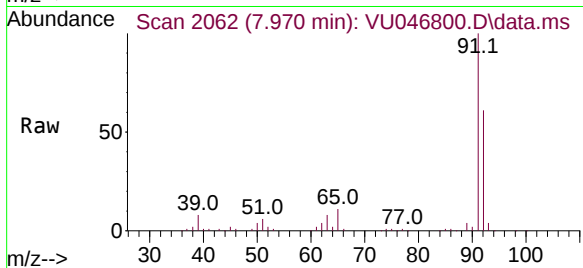
VSTD005167

Tgt Ion: 91 Resp: 149577

Ion Ratio Lower Upper

91 100

92 60.7 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.209 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046800.D

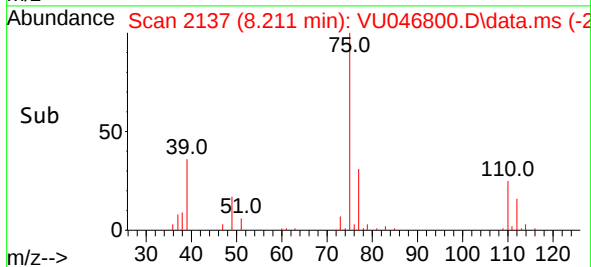
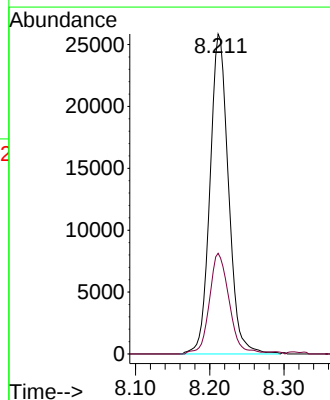
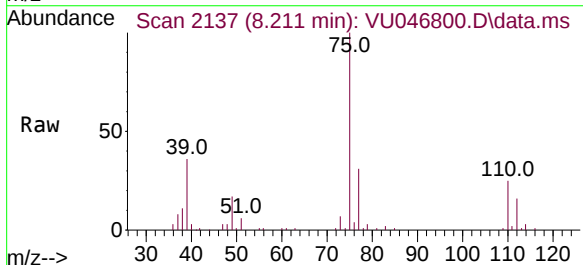
Acq: 19 Jan 2022 18:43

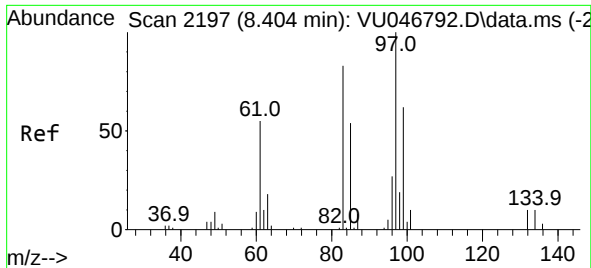
Tgt Ion: 75 Resp: 44738

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.3

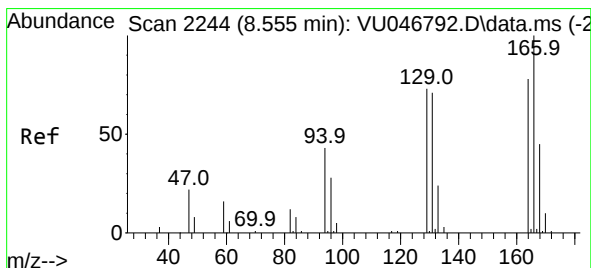
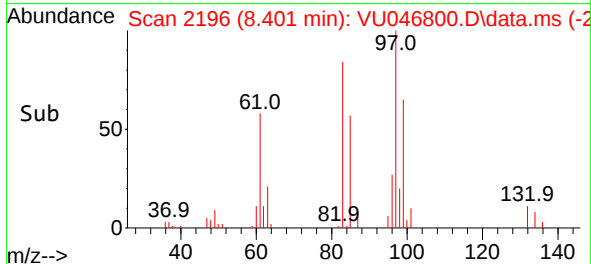
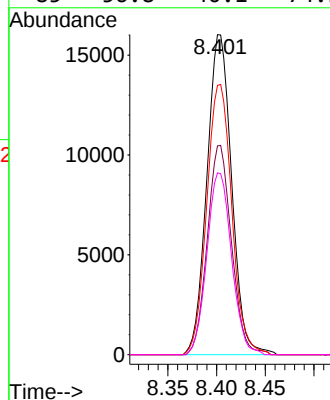
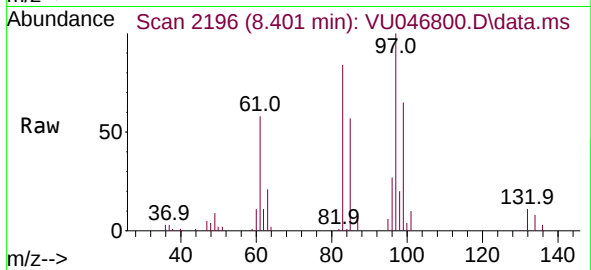




#45
1,1,2-Trichloroethane
Concen: 5.400 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

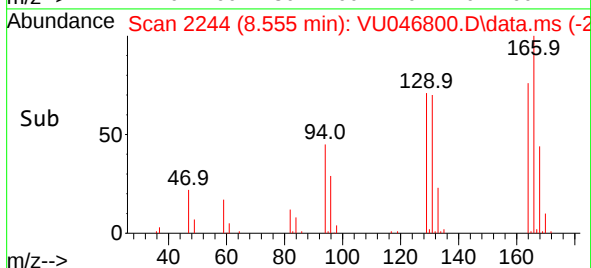
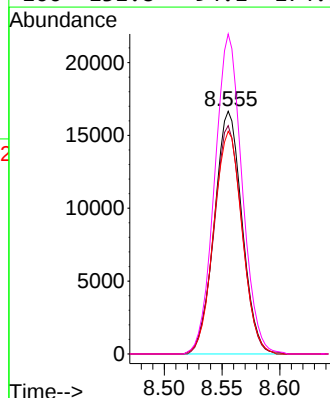
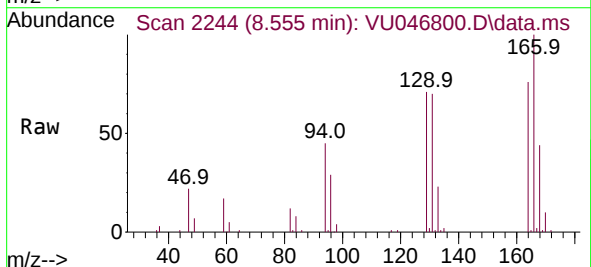
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

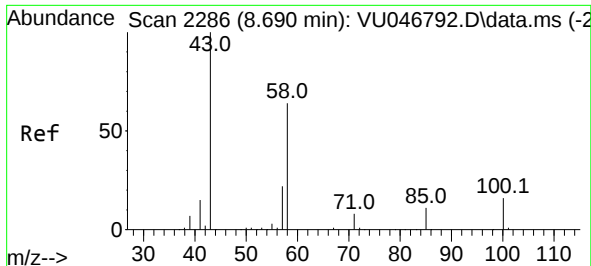
Tgt Ion:	97	Resp:	28384
Ion	Ratio	Lower	Upper
97	100		
99	65.2	42.3	78.5
83	84.1	62.0	115.2
85	56.8	40.1	74.5



#47
Tetrachloroethene
Concen: 5.231 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion:	164	Resp:	27820
Ion	Ratio	Lower	Upper
164	100		
129	94.1	71.8	133.4
131	91.8	68.5	127.3
166	131.8	94.1	174.8

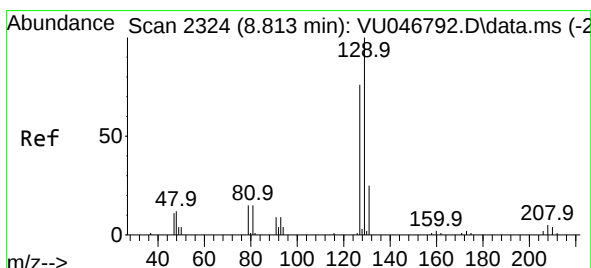
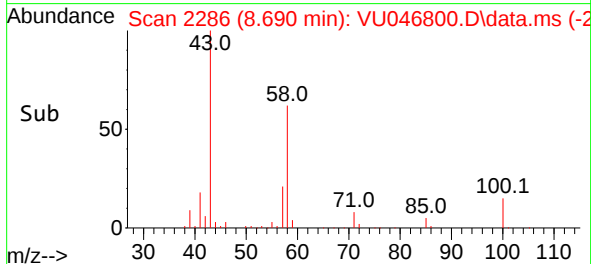
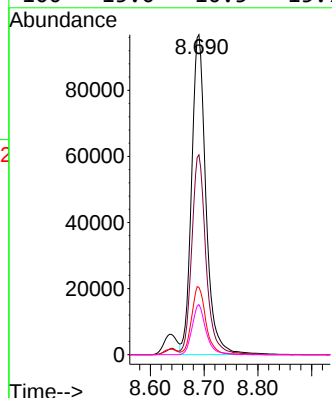
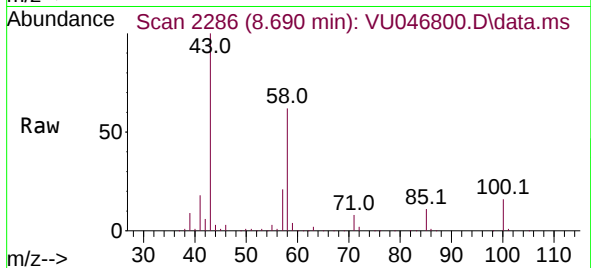




#48
2-Hexanone
Concen: 52.511 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

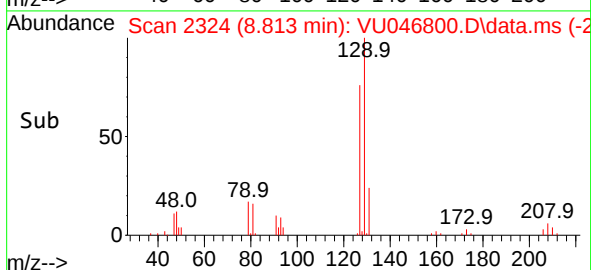
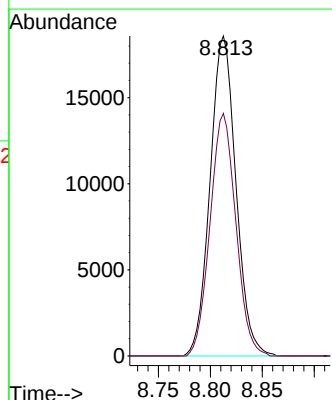
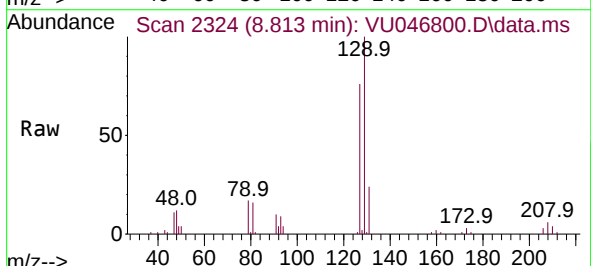
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

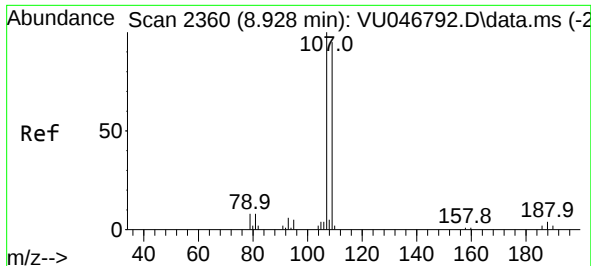
Tgt Ion:	43	Resp:	179535
Ion	Ratio	Lower	Upper
43	100		
58	62.2	46.7	70.1
57	20.9	16.3	24.5
100	15.0	10.5	15.7



#49
Dibromochloromethane
Concen: 5.189 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion:	129	Resp:	32176
Ion	Ratio	Lower	Upper
129	100		
127	75.8	55.4	102.8

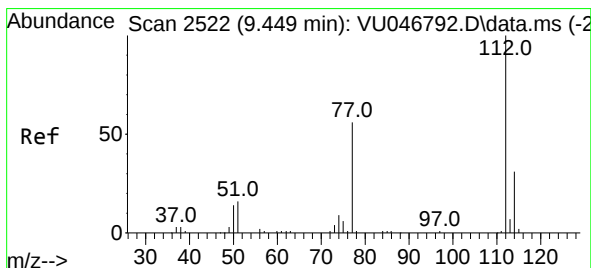
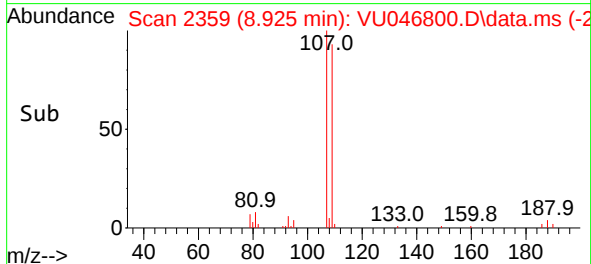
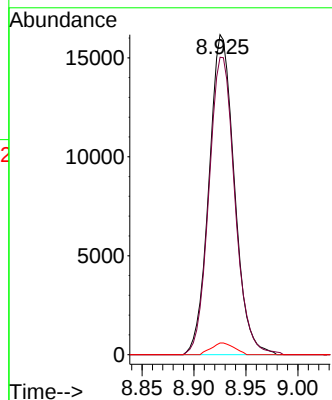
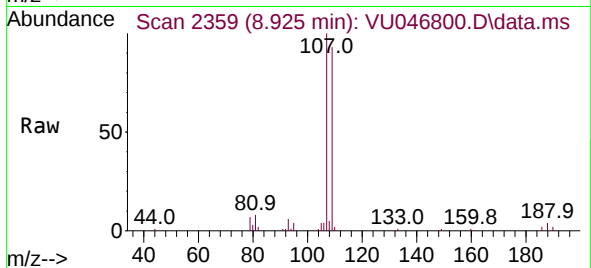




#50
1,2-Dibromoethane
Concen: 5.162 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

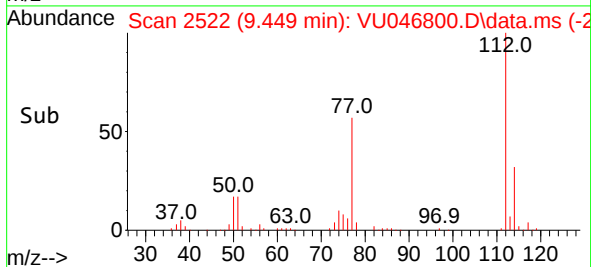
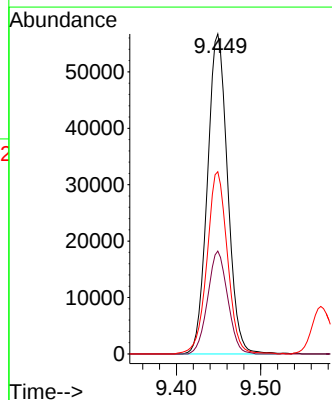
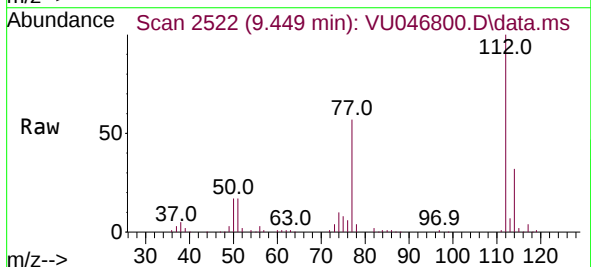
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

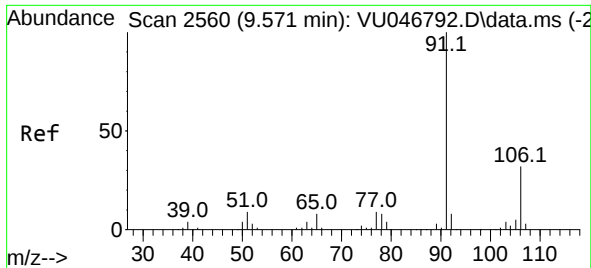
Tgt Ion:107 Resp: 27503
Ion Ratio Lower Upper
107 100
109 92.9 64.0 119.0
188 3.6 2.4 3.6#



#51
Chlorobenzene
Concen: 5.411 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion:112 Resp: 94608
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 56.9 48.3 72.5

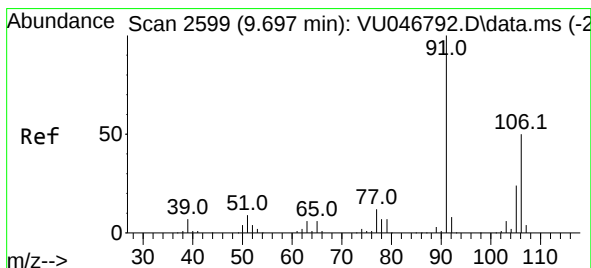
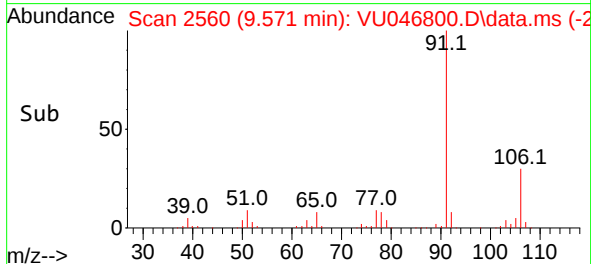
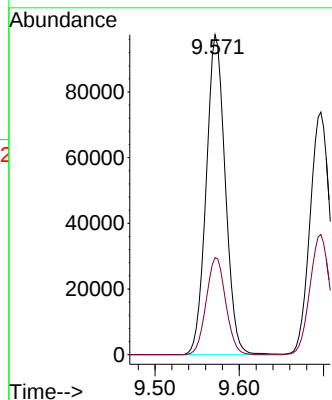
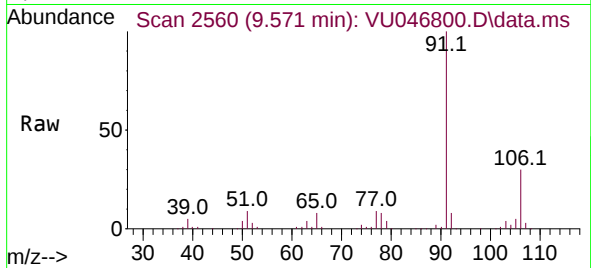




#52
Ethylbenzene
Concen: 5.362 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

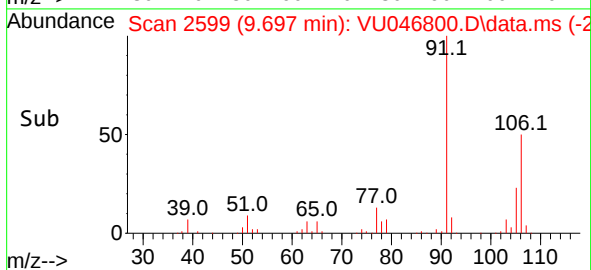
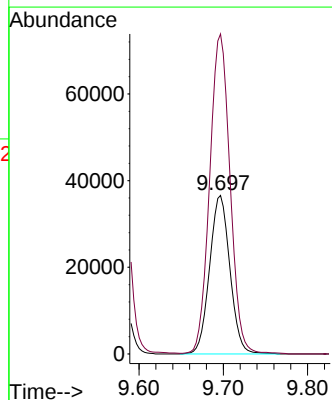
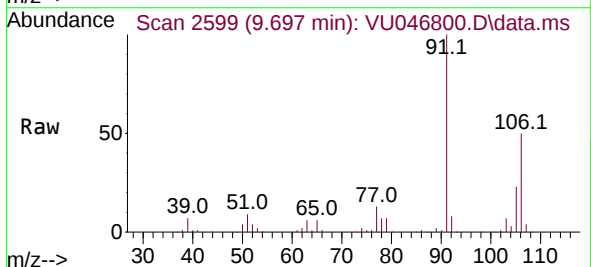
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

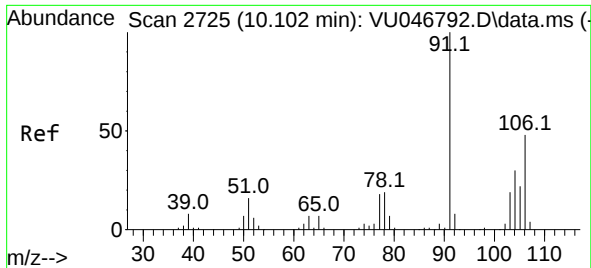
Tgt Ion: 91 Resp: 153453
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.374 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion: 106 Resp: 61313
Ion Ratio Lower Upper
106 100
91 201.8 139.4 259.0

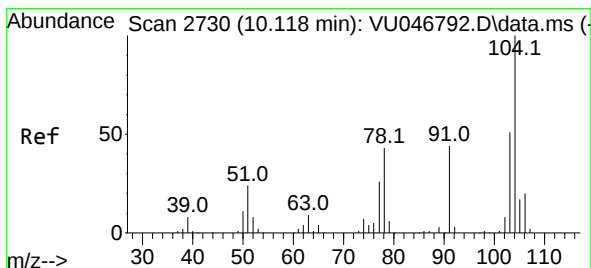
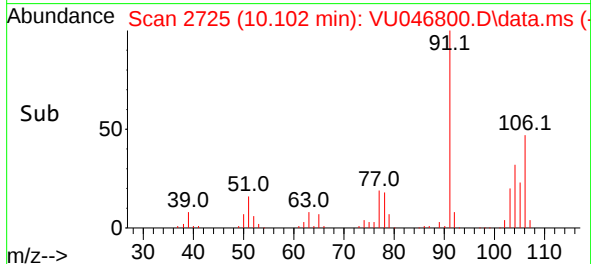
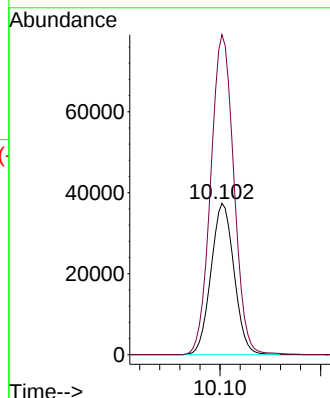
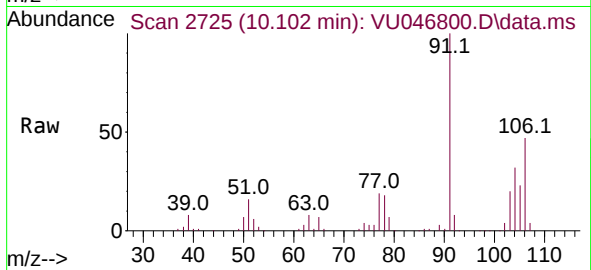




#54
o-Xylene
Concen: 5.388 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

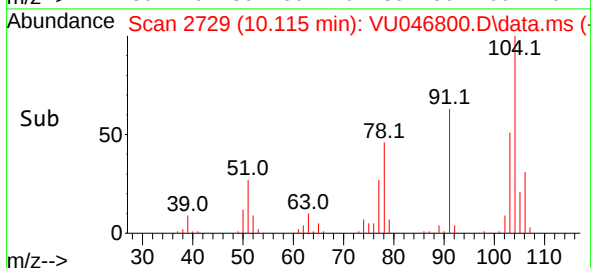
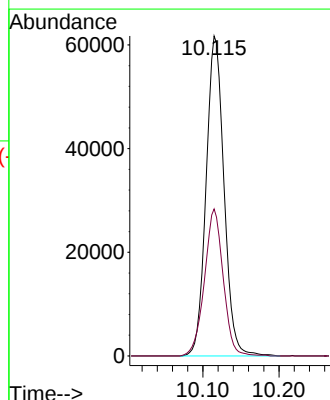
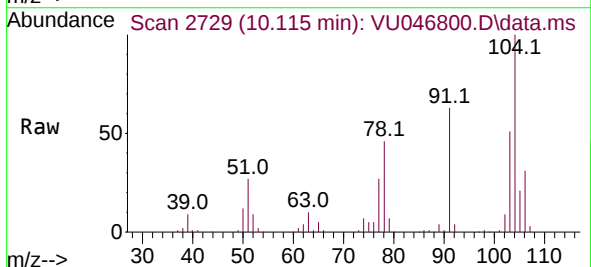
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

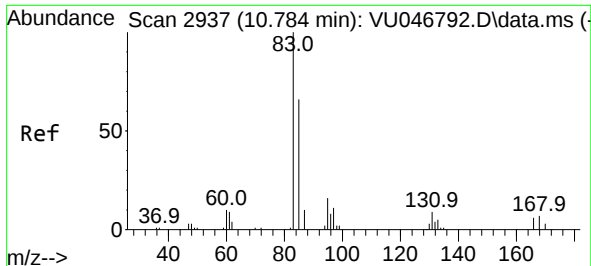
Tgt Ion:106 Resp: 59591
Ion Ratio Lower Upper
106 100
91 211.5 147.5 273.9



#55
Styrene
Concen: 5.576 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion:104 Resp: 100889
Ion Ratio Lower Upper
104 100
78 46.0 33.0 61.4

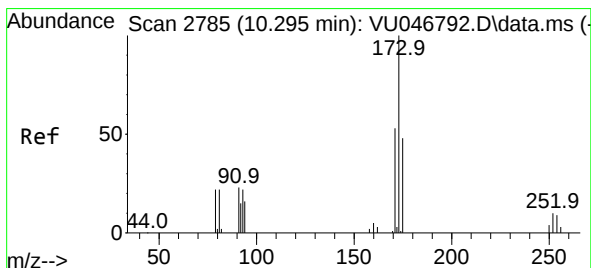
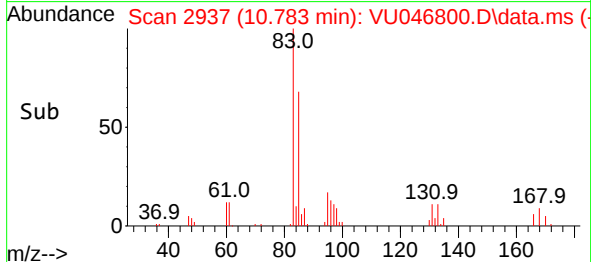
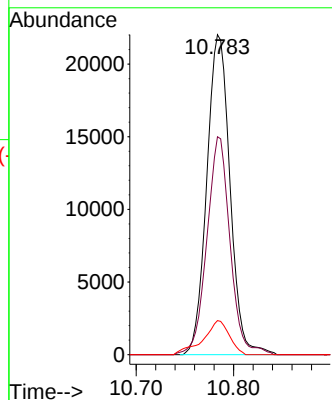
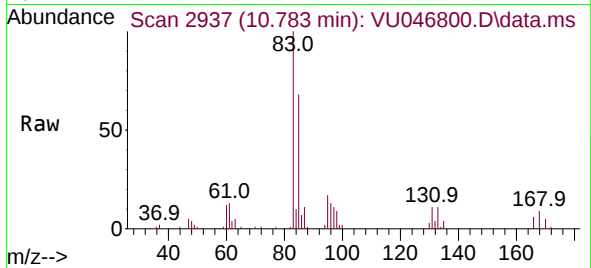




#57
1,1,2,2-Tetrachloroethane
Concen: 5.155 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

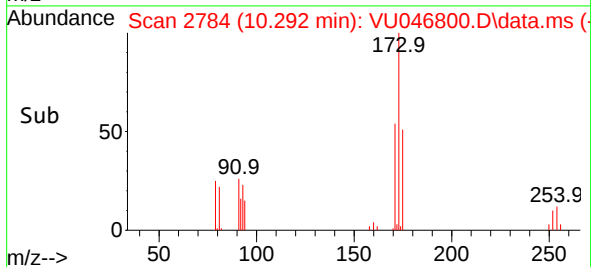
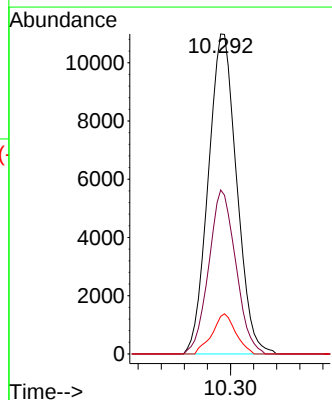
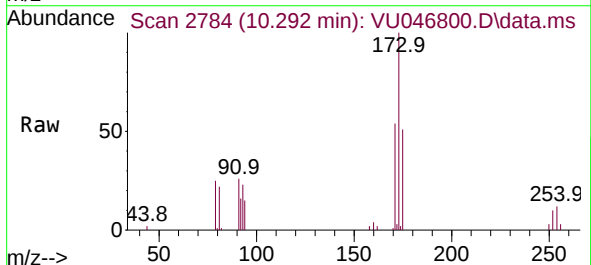
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

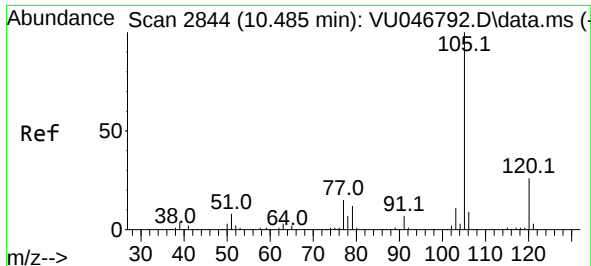
Tgt Ion: 83 Resp: 36444
Ion Ratio Lower Upper
83 100
85 68.1 47.9 89.1
131 10.6 8.1 12.1



#59
Bromoform
Concen: 5.068 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion: 173 Resp: 18721
Ion Ratio Lower Upper
173 100
175 48.8 37.8 56.6
254 10.4 7.3 10.9

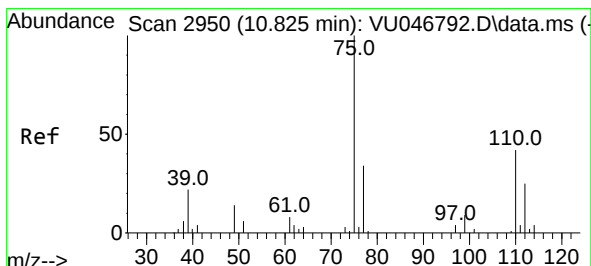
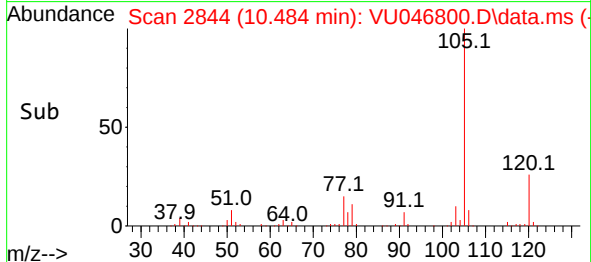
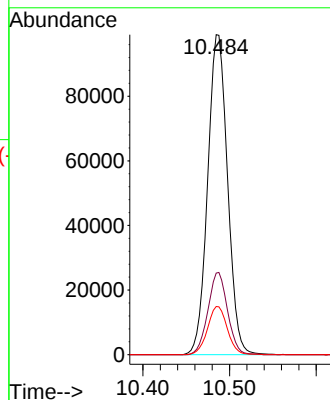
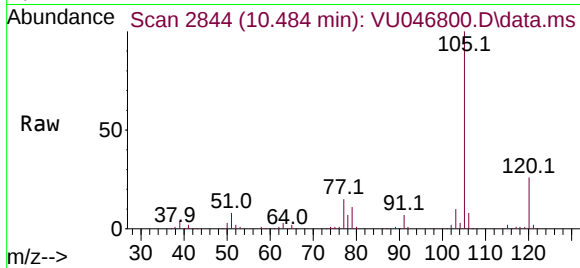




#60
Isopropylbenzene
Concen: 5.654 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

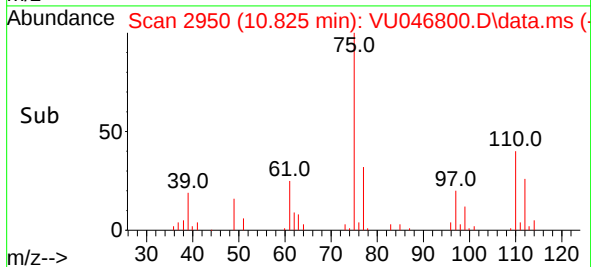
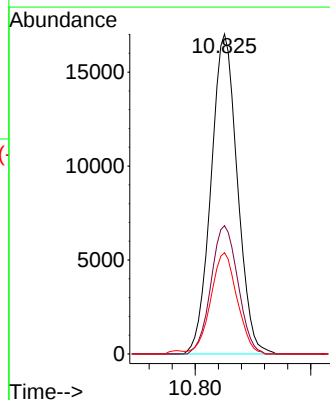
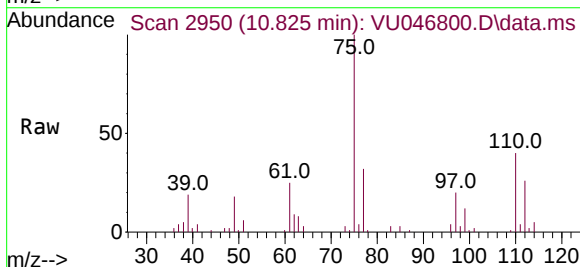
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

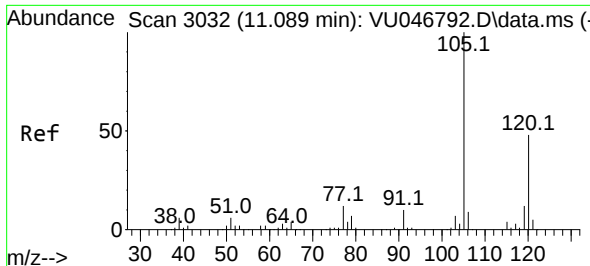
Tgt Ion:105 Resp: 158013
Ion Ratio Lower Upper
105 100
120 25.3 20.7 31.1
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.304 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion: 75 Resp: 26960
Ion Ratio Lower Upper
75 100
110 41.0 29.9 44.9
77 31.8 25.5 38.3

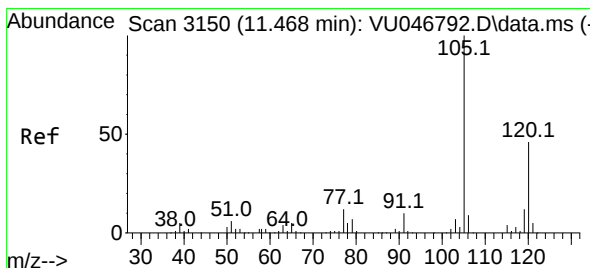
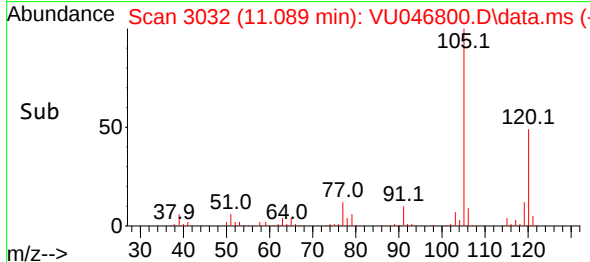
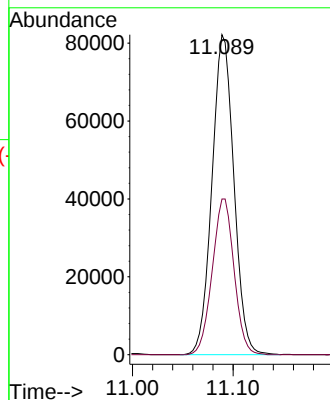
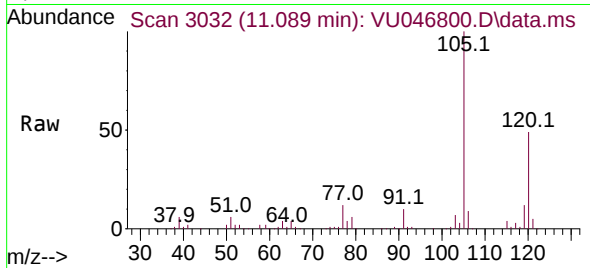




#62
 1,3,5-Trimethylbenzene
 Concen: 5.419 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU046800.D
 Acq: 19 Jan 2022 18:43

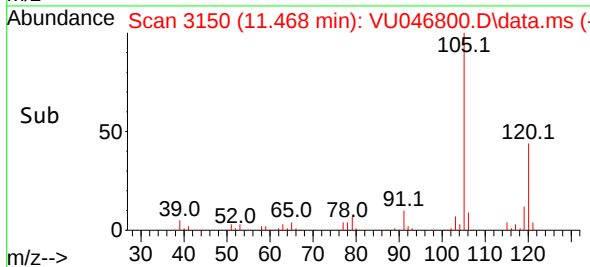
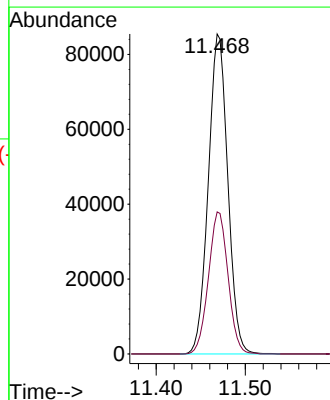
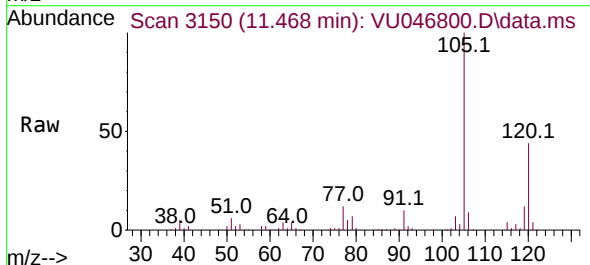
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005167

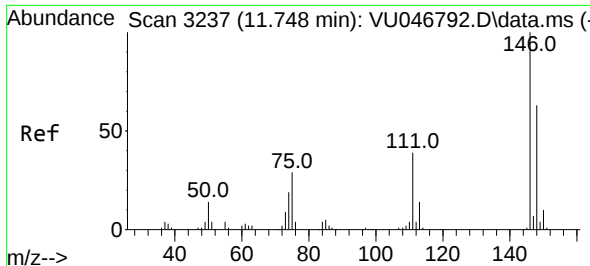
Tgt Ion:105 Resp: 124292
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 5.486 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU046800.D
 Acq: 19 Jan 2022 18:43

Tgt Ion:105 Resp: 129484
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.8 53.8

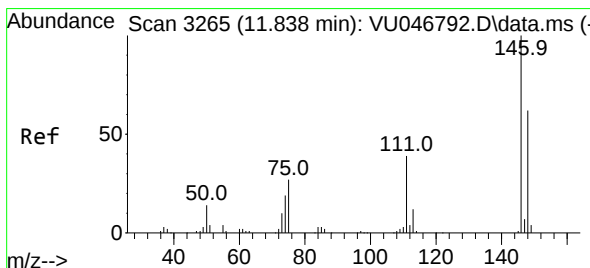
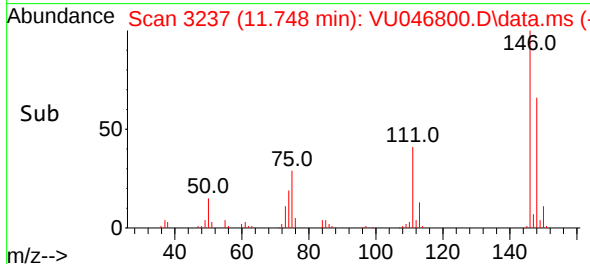
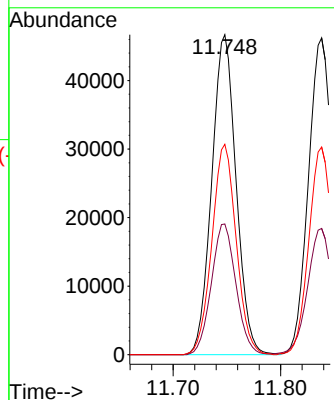
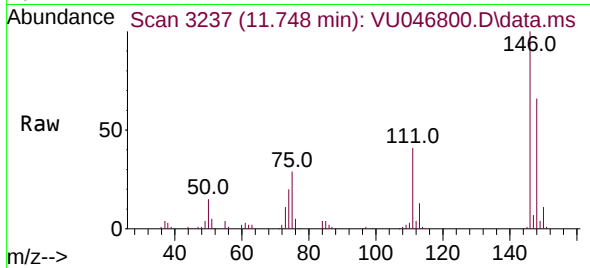




#64
1,3-Dichlorobenzene
Concen: 5.261 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

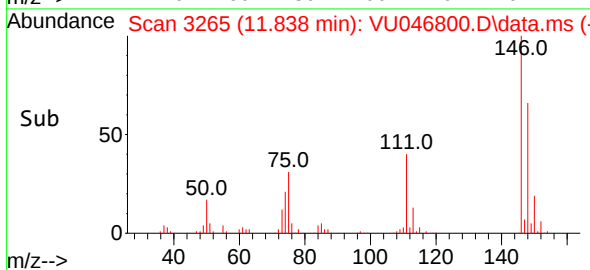
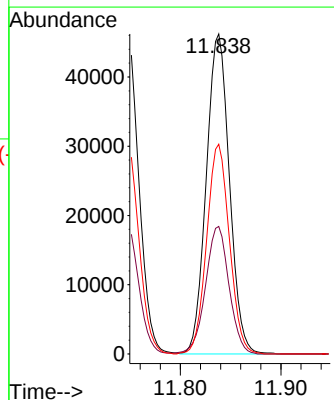
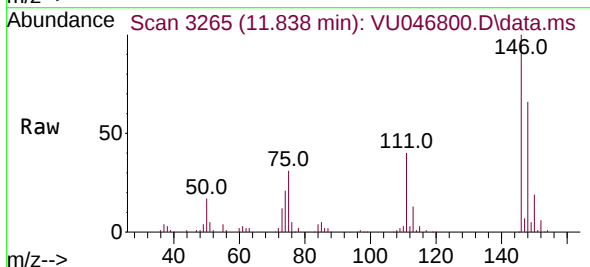
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

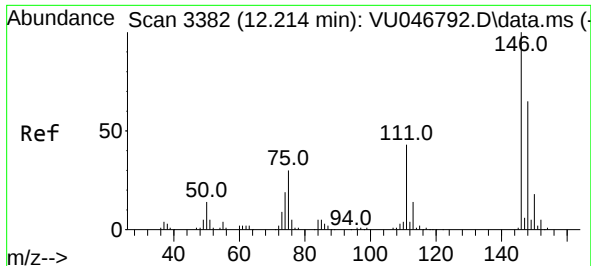
Tgt Ion:146 Resp: 73478
Ion Ratio Lower Upper
146 100
111 40.8 29.9 55.5
148 65.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.259 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion:146 Resp: 73936
Ion Ratio Lower Upper
146 100
111 39.8 28.7 53.3
148 65.6 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.299 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

Instrument :

MSVOA_U

ClientSampleId :

VSTD005167

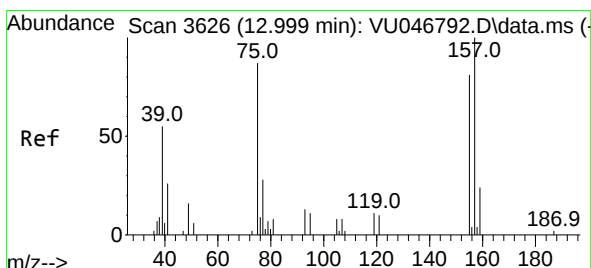
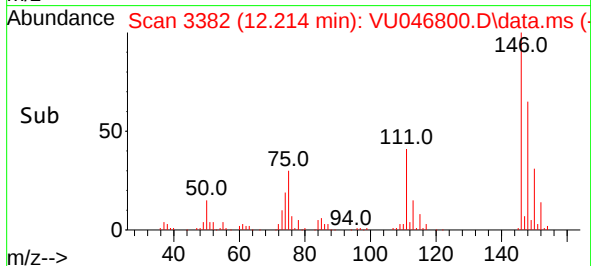
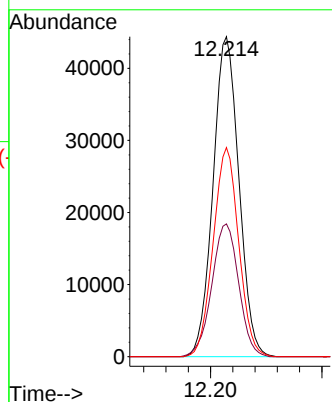
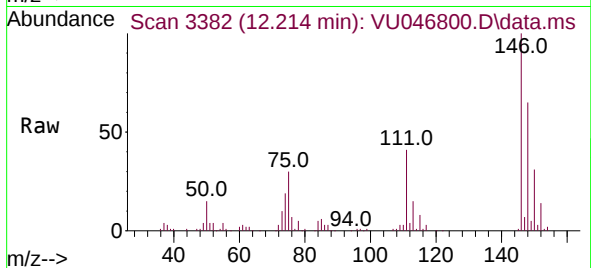
Tgt Ion:146 Resp: 71588

Ion Ratio Lower Upper

146 100

111 41.5 35.4 53.0

148 65.4 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.394 ug/L

RT: 13.002 min Scan# 3627

Delta R.T. 0.003 min

Lab File: VU046800.D

Acq: 19 Jan 2022 18:43

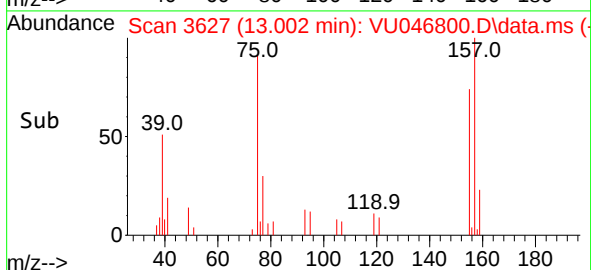
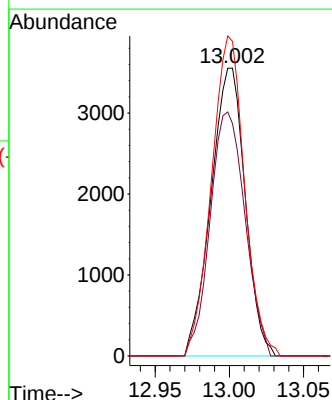
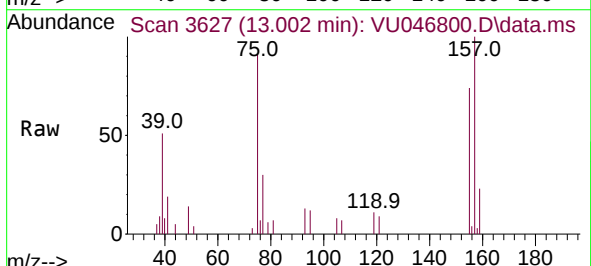
Tgt Ion: 75 Resp: 5691

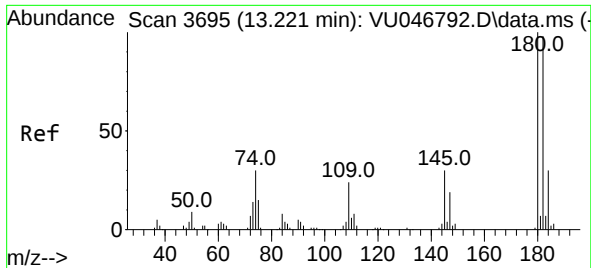
Ion Ratio Lower Upper

75 100

155 80.7 59.2 88.8

157 109.3 76.5 114.7

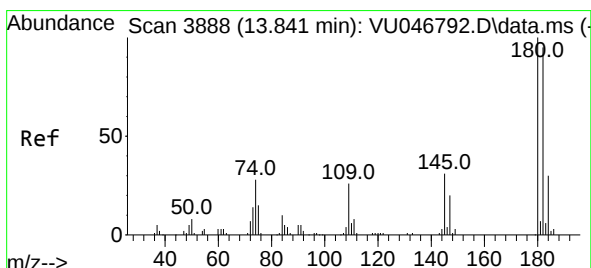
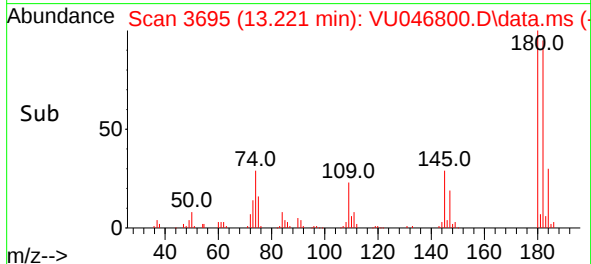
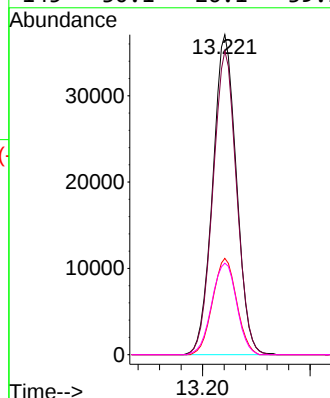
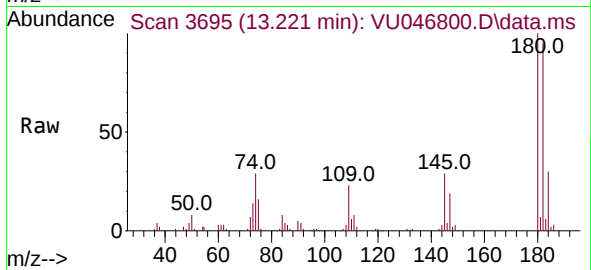




#69
1,3,5-Trichlorobenzene
Concen: 5.132 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

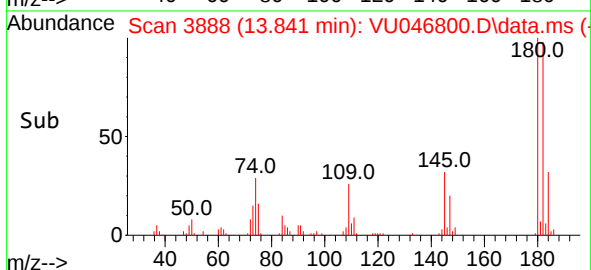
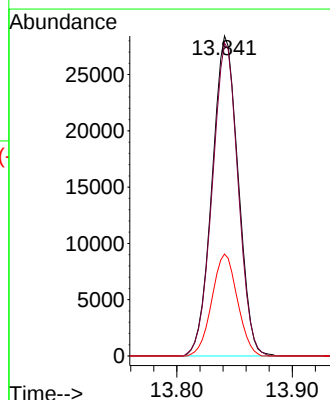
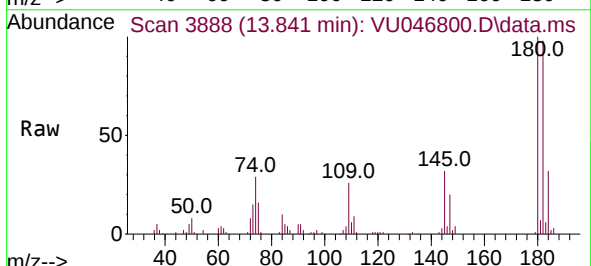
Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

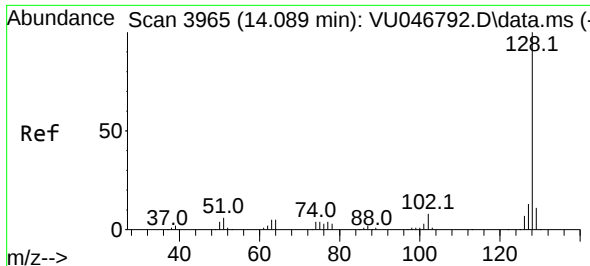
Tgt Ion:	180	Resp:	56518
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.1	114.1
184	30.6	25.0	37.4
145	30.1	26.1	39.1



#70
1,2,4-trichlorobenzene
Concen: 4.835 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion:	180	Resp:	44514
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.4	114.6
145	31.2	25.6	38.4

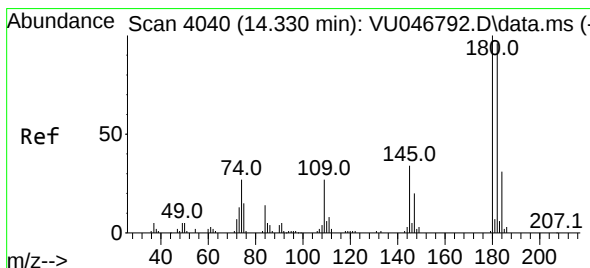
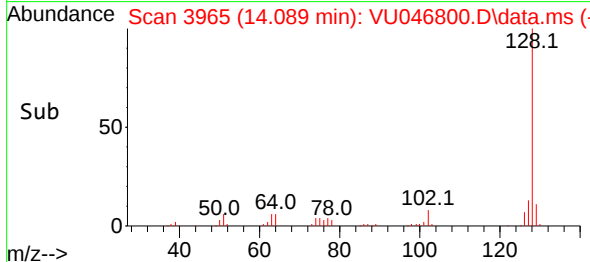
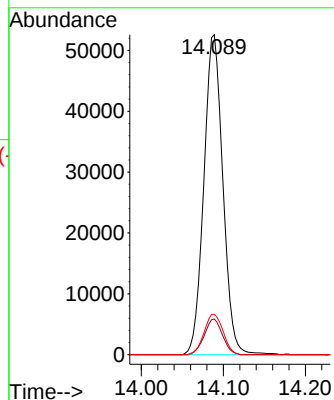
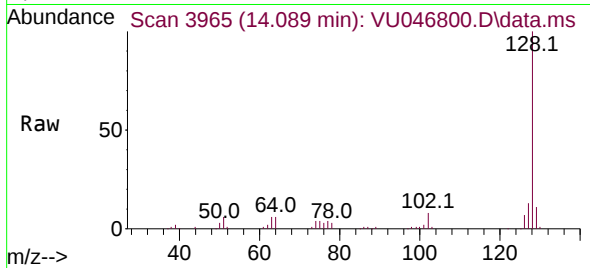




#71
Naphthalene
Concen: 4.520 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Instrument :
MSVOA_U
ClientSampleId :
VSTD005167

Tgt Ion:128 Resp: 84715
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.6 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.106 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046800.D
Acq: 19 Jan 2022 18:43

Tgt Ion:180 Resp: 44401
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.4
145 32.5 28.4 42.6

