

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045520.D
 Acq On : 03 Nov 2021 13:39
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005030

Quant Time: Nov 09 07:07:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:04:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	163452	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	152588	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	69484	6.702	ug/L	0.00
7) Chloroethane-d5	1.919	69	44648	4.660	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	27617	5.602	ug/L	0.00
20) 2-Butanone-d5	4.639	46	135054	36.001	ug/L	0.00
24) Chloroform-d	5.070	84	109160	5.299	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	59256	4.948	ug/L	0.00
32) Benzene-d6	5.732	84	238516	5.949	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	74499	5.697	ug/L	0.00
41) Toluene-d8	7.903	98	213151	6.079	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	30595	6.448	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	175371	58.664	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	62704	5.457	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	76850	5.534	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	75080	5.679	ug/L	100
3) Chloromethane	1.520	50	87543	5.536	ug/L	100
5) Vinyl chloride	1.607	62	84469	5.322	ug/L	100
6) Bromomethane	1.861	94	39714	4.907	ug/L	100
8) Chloroethane	1.938	64	38512	4.040	ug/L	100
9) Trichlorofluoromethane	2.144	101	70275	4.170	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	57260	5.240	ug/L	100
12) 1,1-Dichloroethene	2.584	96	54913	5.274	ug/L	100
13) Acetone	2.655	43	114794	45.133	ug/L	100
14) Carbon disulfide	2.800	76	195868	5.756	ug/L	100
15) Methyl Acetate	2.961	43	28466	5.740	ug/L	100
16) Methylene chloride	3.051	84	64711	4.082	ug/L	100
17) Methyl tert-butyl Ether	3.369	73	155269	5.347	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	61672	5.498	ug/L	100
19) 1,1-Dichloroethane	3.877	63	111244	5.035	ug/L	100
21) 2-Butanone	4.719	43	147630	36.370	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	49859	4.277	ug/L	100
23) Bromochloromethane	4.980	128	25738	5.016	ug/L	100
25) Chloroform	5.092	83	100473	4.420	ug/L	100
27) 1,2-Dichloroethane	5.800	62	69518	4.575	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	83299	5.109	ug/L	100
30) Cyclohexane	5.395	56	105229	5.507	ug/L	100
31) Carbon tetrachloride	5.530	117	66949	5.218	ug/L	100
33) Benzene	5.777	78	248818	5.510	ug/L	100
34) Trichloroethene	6.546	95	55268	5.027	ug/L	100
35) Methylcyclohexane	6.768	83	104635	5.630	ug/L	100
37) 1,2-Dichloropropane	6.793	63	63706	5.297	ug/L	100
38) Bromodichloromethane	7.108	83	72422	5.025	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	92467	5.389	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	429453	47.064	ug/L	100
42) Toluene	7.973	91	260686	5.530	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	79239	5.431	ug/L	100

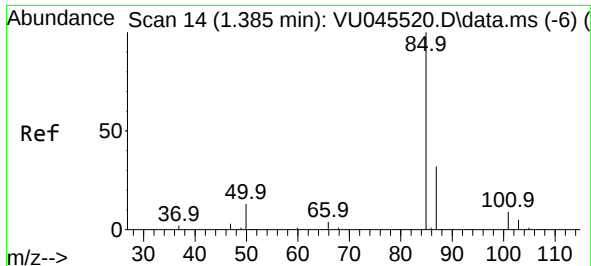
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045520.D
 Acq On : 03 Nov 2021 13:39
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005030

Quant Time: Nov 09 07:07:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:04:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	46517	5.415	ug/L	100
47) Tetrachloroethene	8.555	164	43177	5.543	ug/L	100
48) 2-Hexanone	8.687	43	316774	46.689	ug/L	100
49) Dibromochloromethane	8.813	129	46565	5.203	ug/L	100
50) 1,2-Dibromoethane	8.928	107	42020	5.238	ug/L	100
51) Chlorobenzene	9.449	112	152202	5.231	ug/L	100
52) Ethylbenzene	9.571	91	264704	5.224	ug/L	100
53) m,p-Xylene	9.697	106	102714	5.328	ug/L	100
54) o-Xylene	10.102	106	98281	5.329	ug/L	100
55) Styrene	10.118	104	164429	5.164	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	59842	5.227	ug/L	100
59) Bromoform	10.295	173	24301	4.910	ug/L	100
60) Isopropylbenzene	10.488	105	259246	5.148	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	44613	5.036	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	237718	5.559	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	236645	5.438	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	123106	5.195	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	121808	5.007	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	117157	5.214	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	10082	5.156	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	90969	5.034	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	79659	5.179	ug/L	100
71) Naphthalene	14.089	128	176061	5.641	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	75053	5.280	ug/L	100

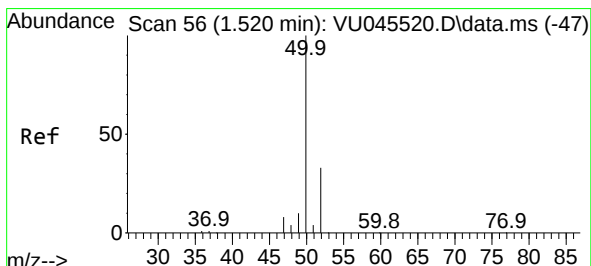
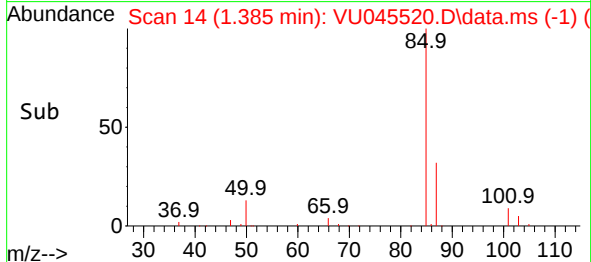
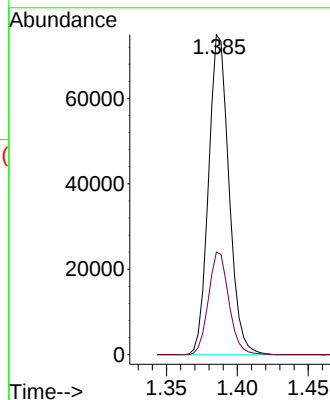
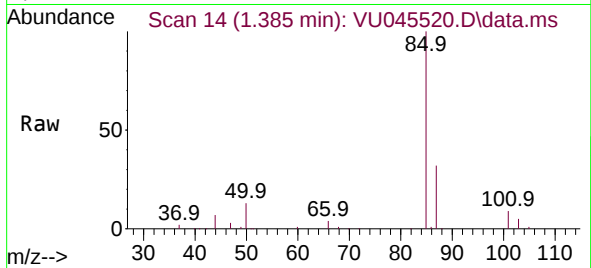
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.679 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

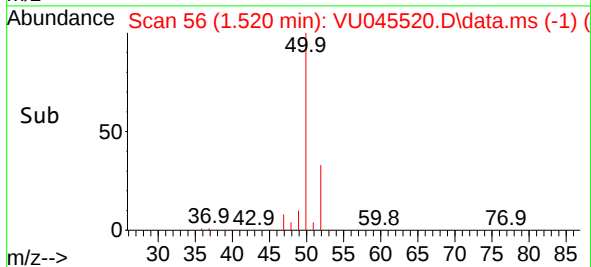
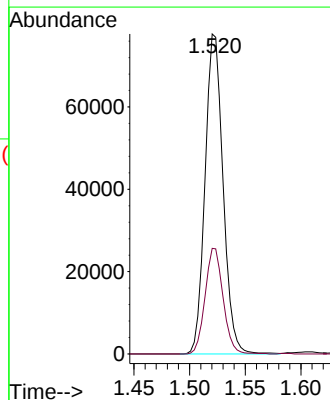
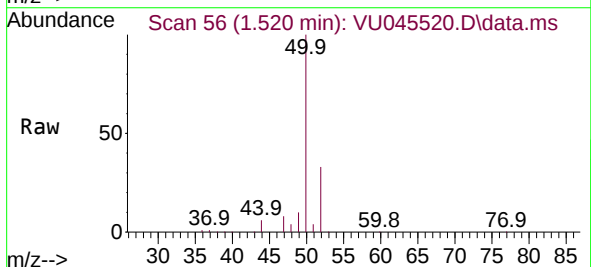
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

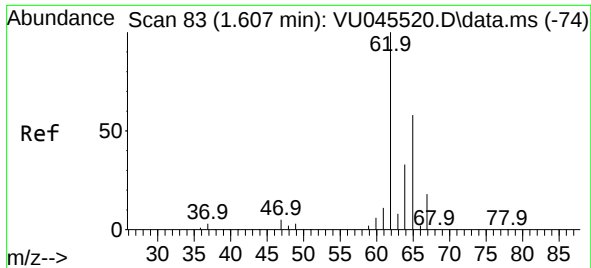
Tgt Ion: 85 Resp: 75080
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4



#3
Chloromethane
Concen: 5.536 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion: 50 Resp: 87543
Ion Ratio Lower Upper
50 100
52 33.0 23.1 42.9

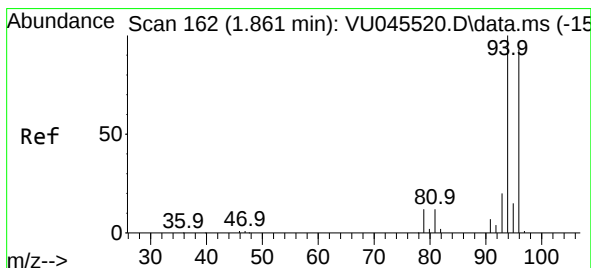
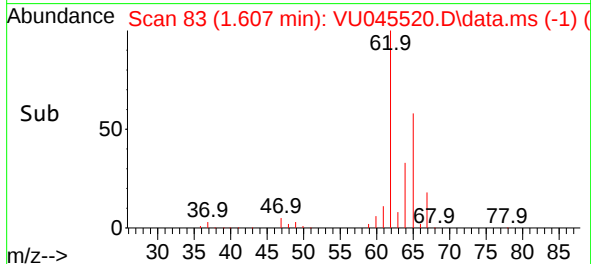
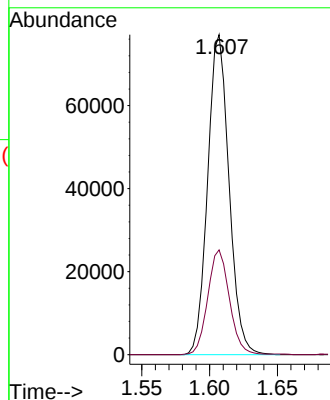
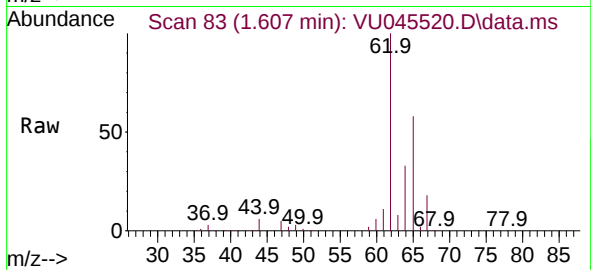




#5
 Vinyl chloride
 Concen: 5.322 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU045520.D
 Acq: 03 Nov 2021 13:39

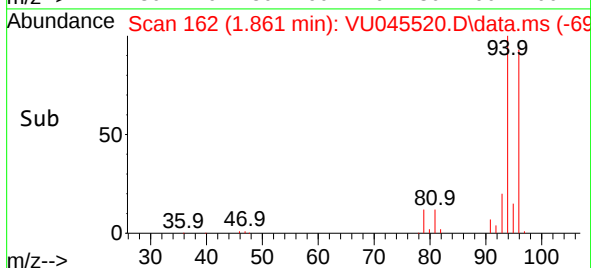
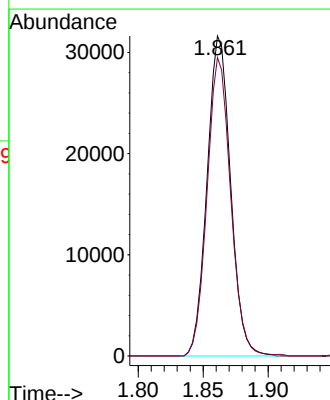
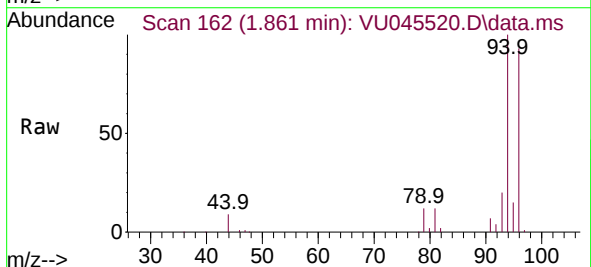
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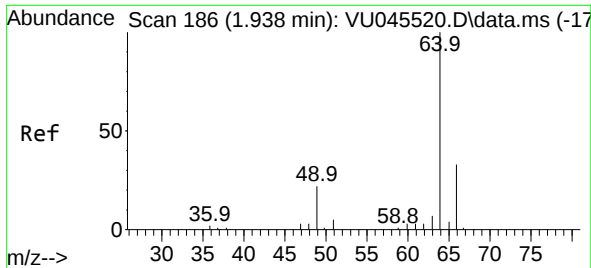
Tgt Ion: 62 Resp: 84469
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 4.907 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU045520.D
 Acq: 03 Nov 2021 13:39

Tgt Ion: 94 Resp: 39714
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.2 121.2

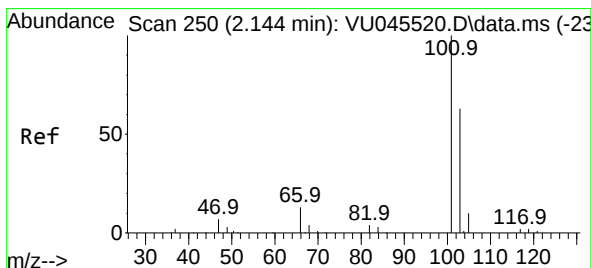
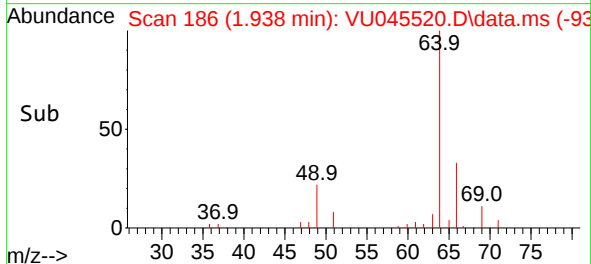
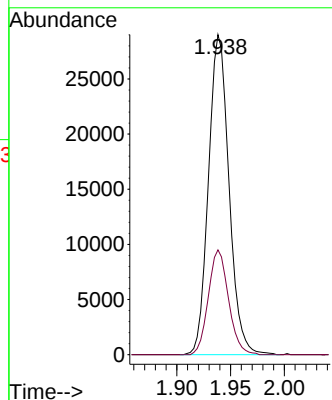
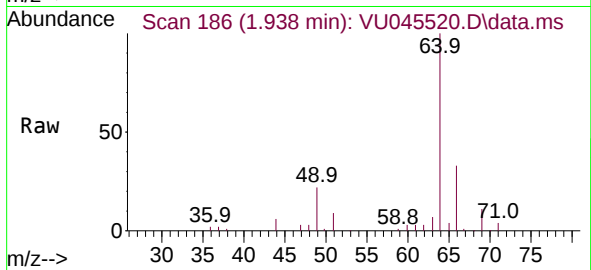




#8
Chloroethane
Concen: 4.040 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

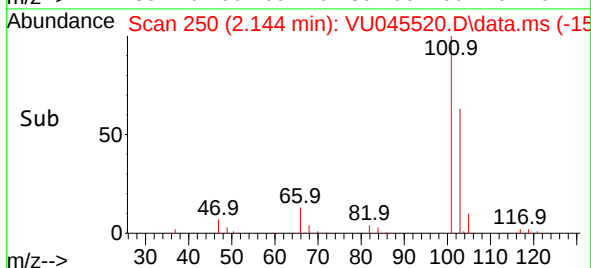
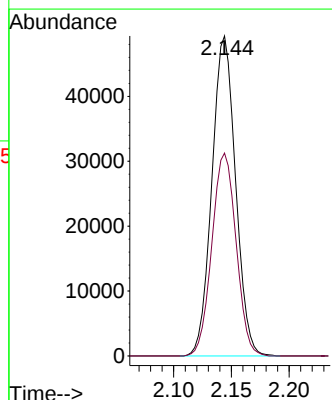
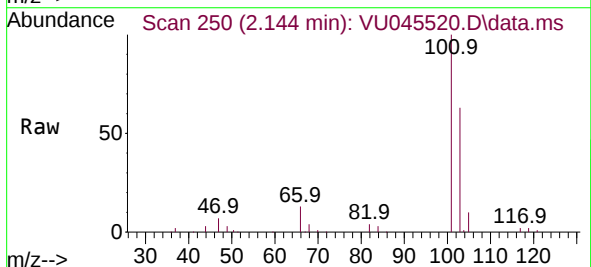
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ClientSampleId :
VSTD005030

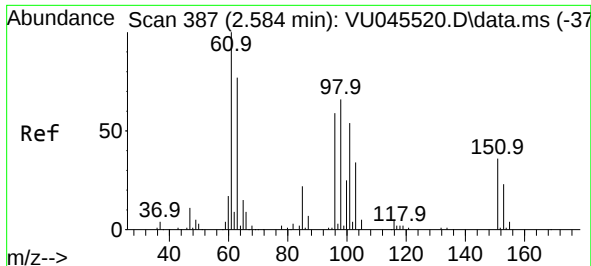
Tgt Ion: 64 Resp: 38512
Ion Ratio Lower Upper
64 100
66 32.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 4.170 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion:101 Resp: 70275
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

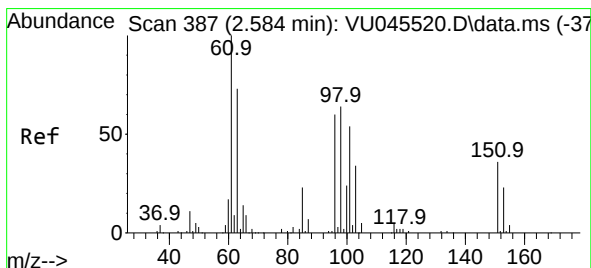
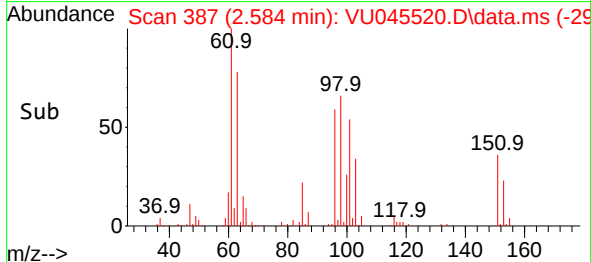
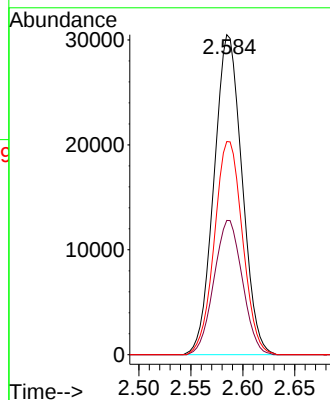
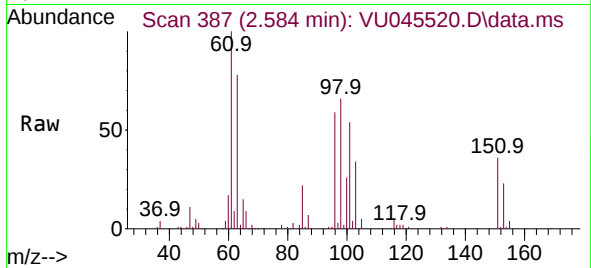




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.240 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU045520.D
 Acq: 03 Nov 2021 13:39

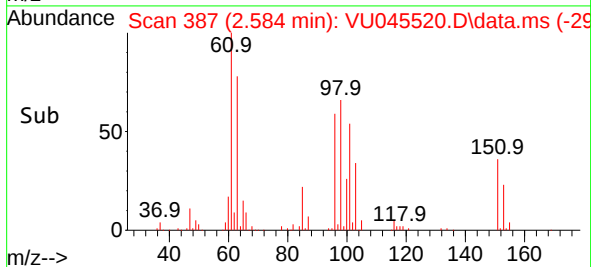
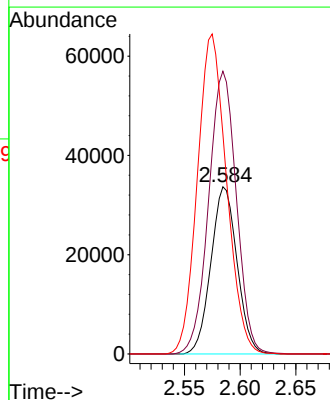
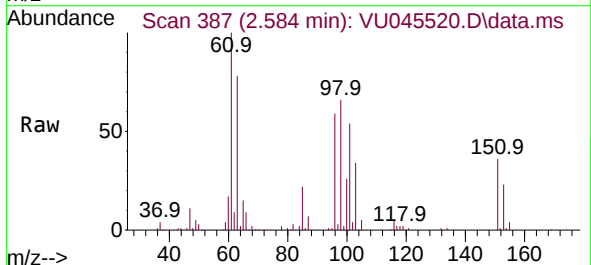
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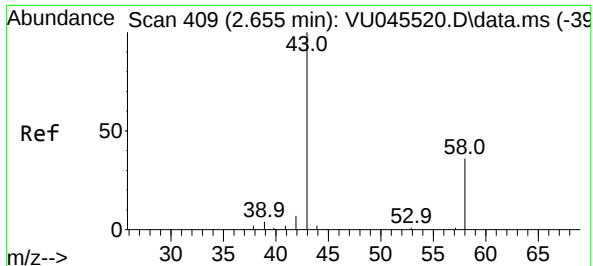
Tgt Ion:101 Resp: 57260
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.0 51.0
 151 66.9 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 5.274 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU045520.D
 Acq: 03 Nov 2021 13:39

Tgt Ion: 96 Resp: 54913
 Ion Ratio Lower Upper
 96 100
 61 169.1 118.4 219.8
 63 131.4 92.0 170.8





#13

Acetone

Concen: 45.133 ug/L

RT: 2.655 min Scan# 409

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

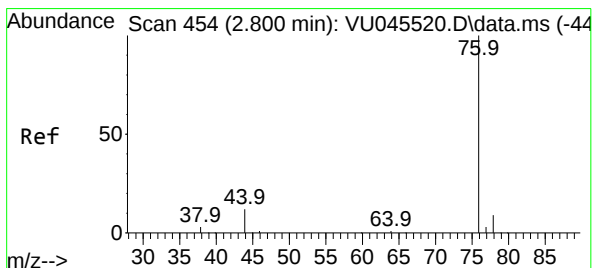
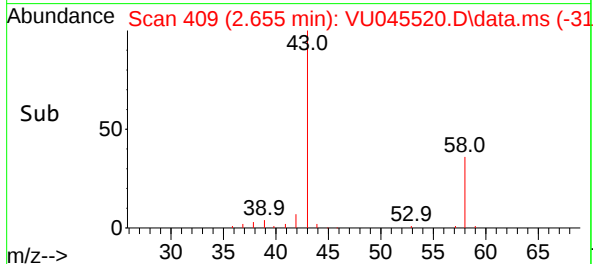
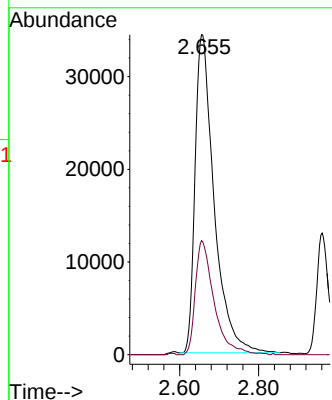
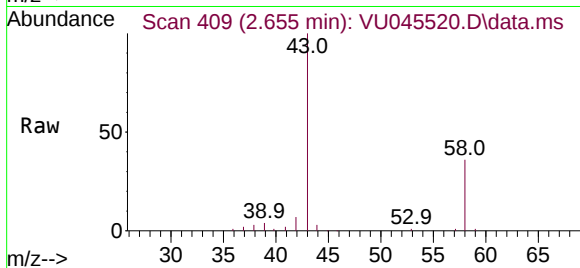
VSTD005030

Tgt Ion: 43 Resp: 114794

Ion Ratio Lower Upper

43 100

58 35.1 0.0 70.2



#14

Carbon disulfide

Concen: 5.756 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU045520.D

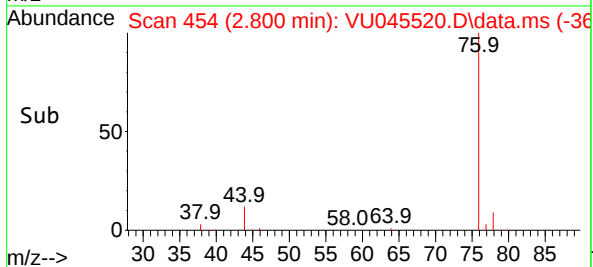
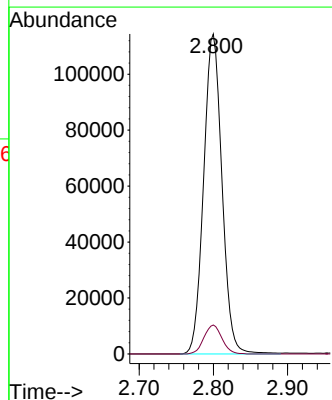
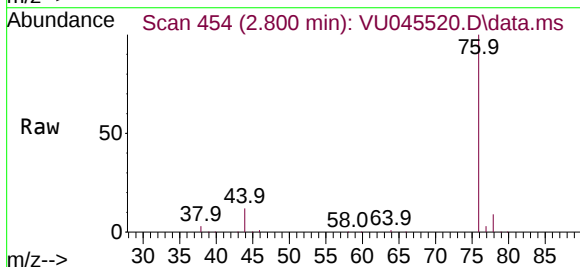
Acq: 03 Nov 2021 13:39

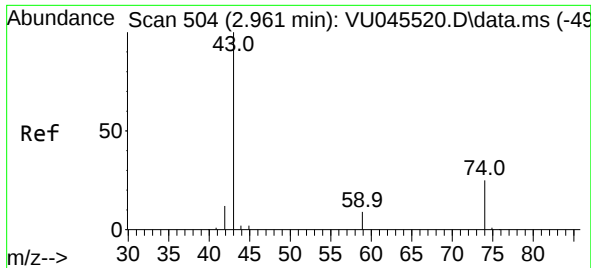
Tgt Ion: 76 Resp: 195868

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

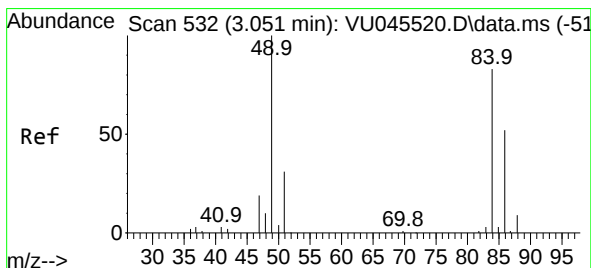
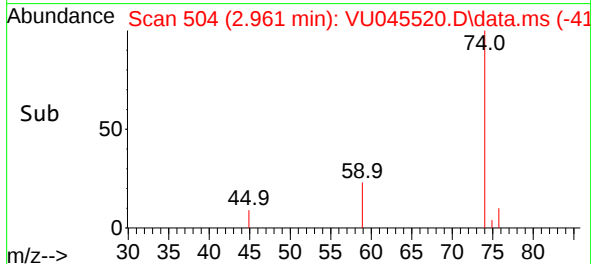
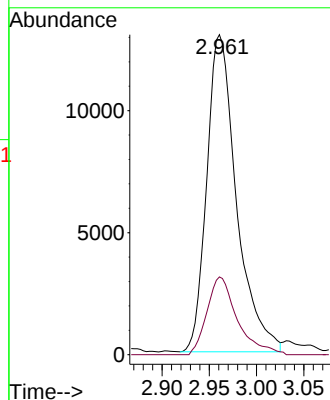
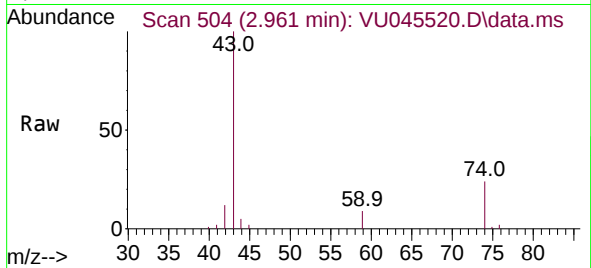




#15
Methyl Acetate
Concen: 5.740 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

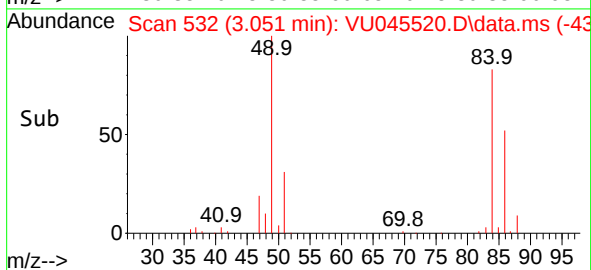
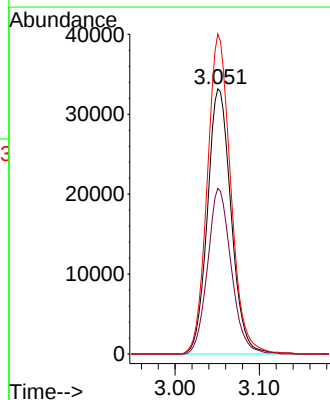
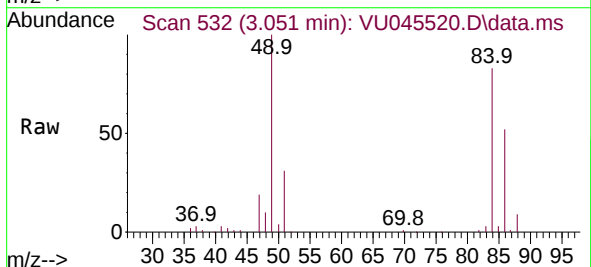
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VSTD005030

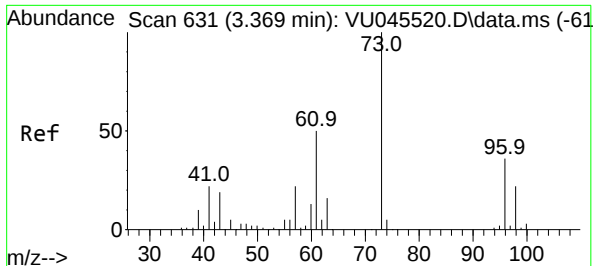
Tgt Ion: 43 Resp: 28466
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 4.082 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion: 84 Resp: 64711
Ion Ratio Lower Upper
84 100
86 62.5 43.8 81.3
49 120.7 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.347 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD005030

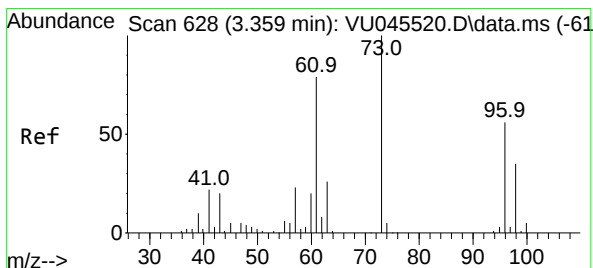
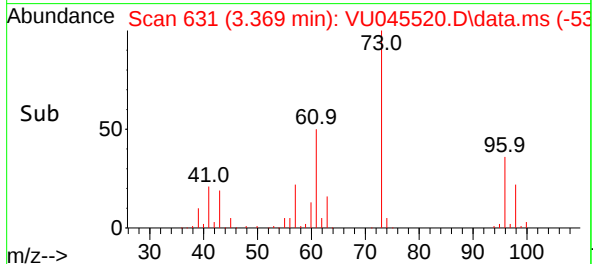
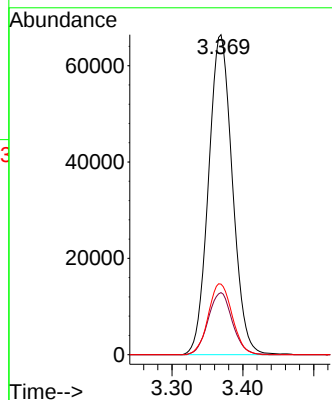
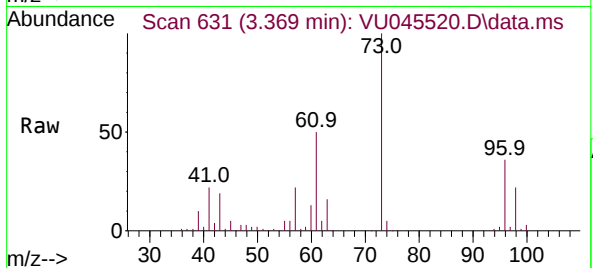
Tgt Ion: 73 Resp: 155269

Ion Ratio Lower Upper

73 100

43 19.7 15.8 23.6

57 22.3 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 5.498 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

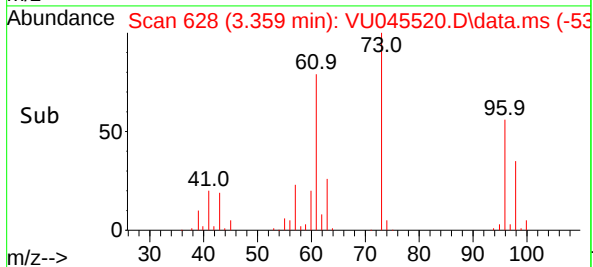
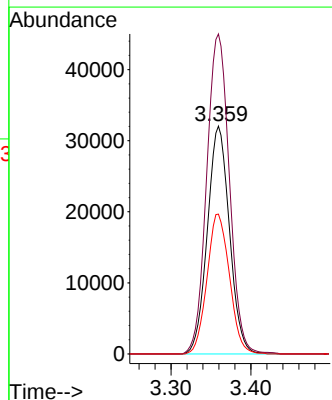
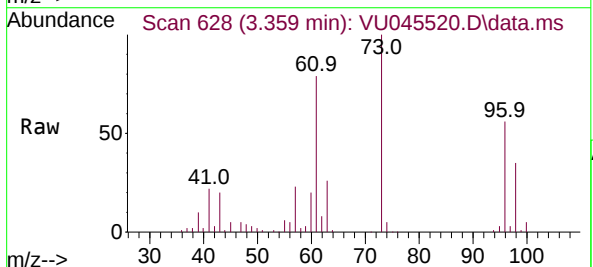
Tgt Ion: 96 Resp: 61672

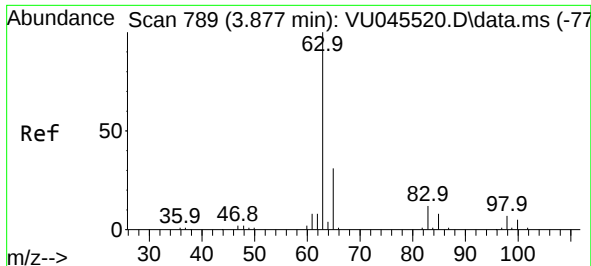
Ion Ratio Lower Upper

96 100

61 140.5 98.3 182.7

98 61.4 43.0 79.8





#19

1,1-Dichloroethane

Concen: 5.035 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD005030

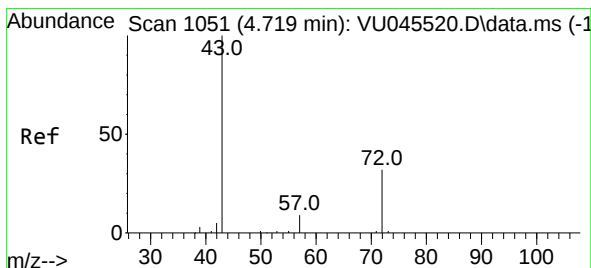
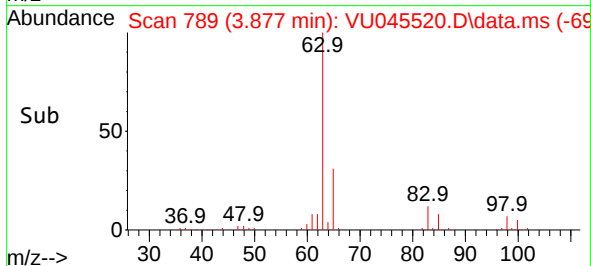
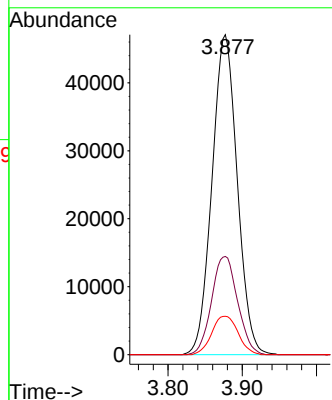
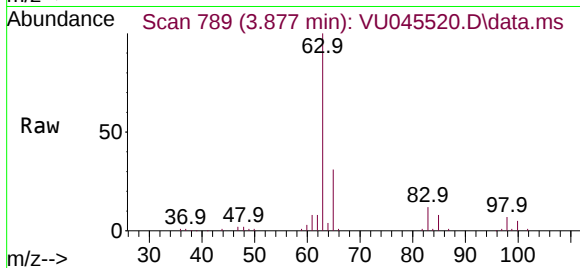
Tgt Ion: 63 Resp: 111244

Ion Ratio Lower Upper

63 100

65 30.7 21.5 39.9

83 12.0 8.4 15.6



#21

2-Butanone

Concen: 36.370 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VU045520.D

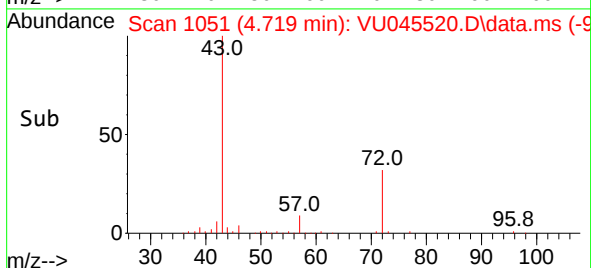
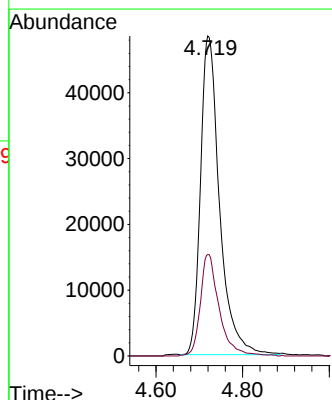
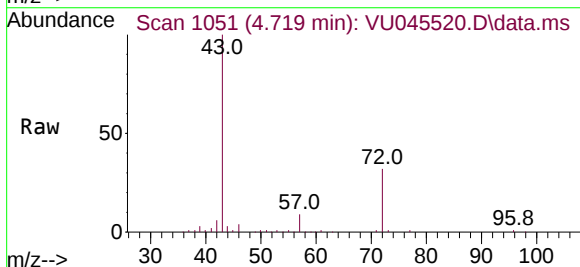
Acq: 03 Nov 2021 13:39

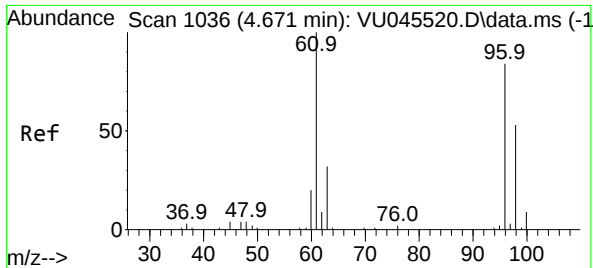
Tgt Ion: 43 Resp: 147630

Ion Ratio Lower Upper

43 100

72 31.5 15.8 47.3

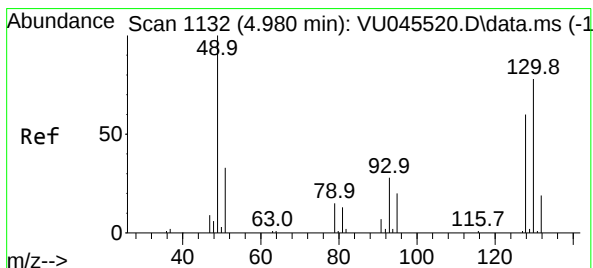
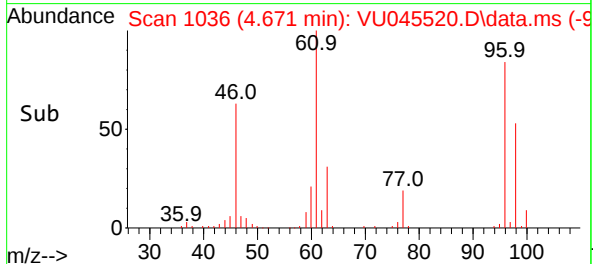
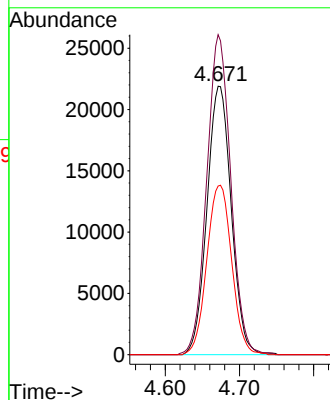
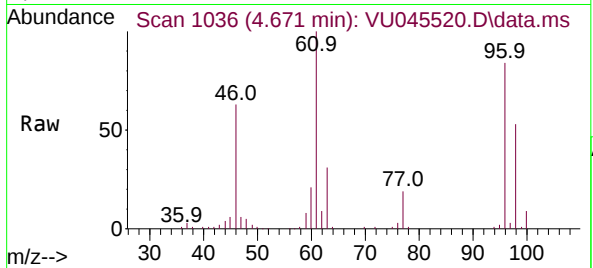




#22
 cis-1,2-Dichloroethene
 Concen: 4.277 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045520.D
 Acq: 03 Nov 2021 13:39

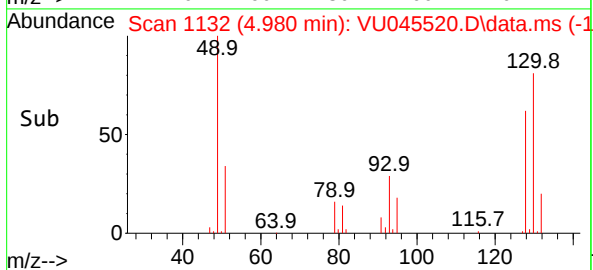
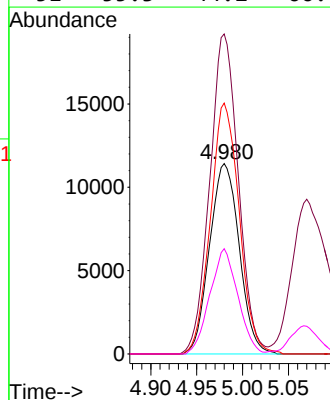
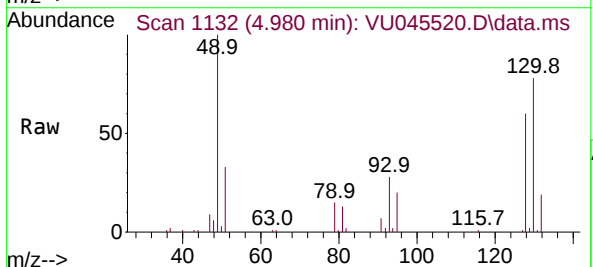
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005030

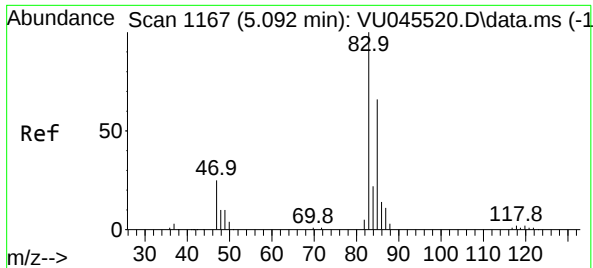
Tgt Ion: 96 Resp: 49859
 Ion Ratio Lower Upper
 96 100
 61 119.2 83.4 155.0
 98 62.9 44.0 81.8



#23
 Bromochloromethane
 Concen: 5.016 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU045520.D
 Acq: 03 Nov 2021 13:39

Tgt Ion: 128 Resp: 25738
 Ion Ratio Lower Upper
 128 100
 49 168.0 117.6 218.4
 130 131.7 92.2 171.2
 51 55.3 44.2 66.4





#25

Chloroform

Concen: 4.420 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

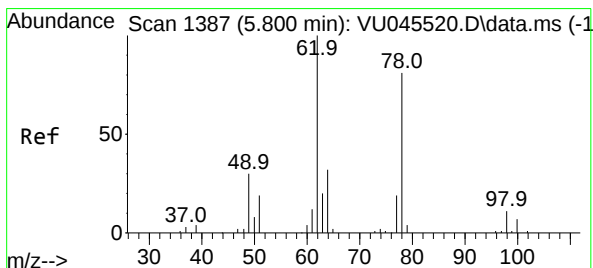
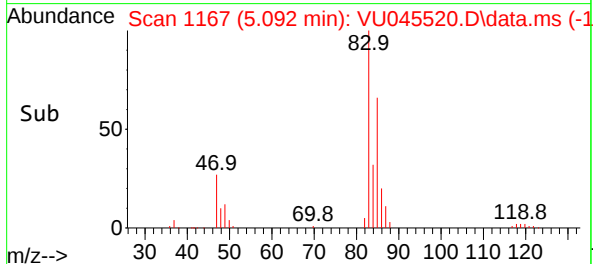
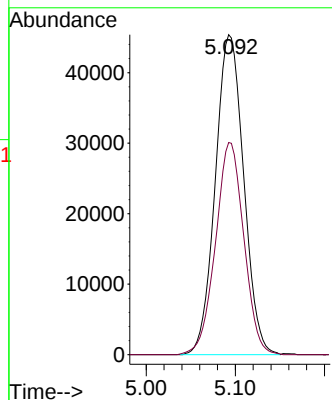
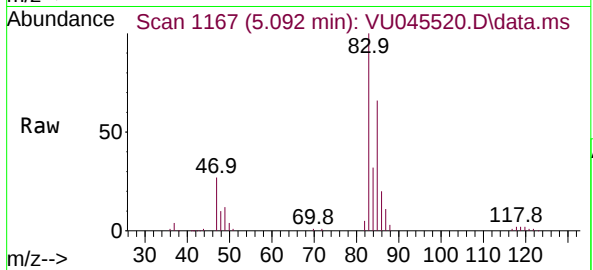
VSTD005030

Tgt Ion: 83 Resp: 100473

Ion Ratio Lower Upper

83 100

85 66.3 46.4 86.2



#27

1,2-Dichloroethane

Concen: 4.575 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU045520.D

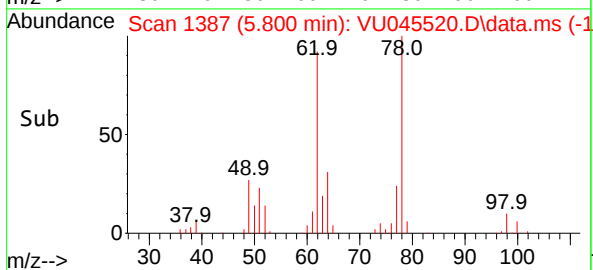
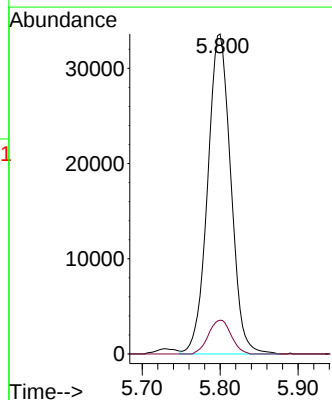
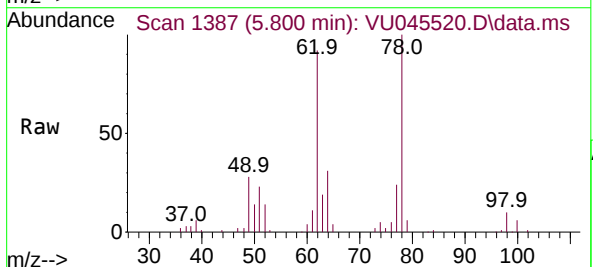
Acq: 03 Nov 2021 13:39

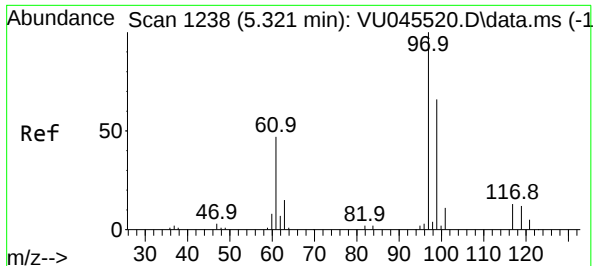
Tgt Ion: 62 Resp: 69518

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 5.109 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD005030

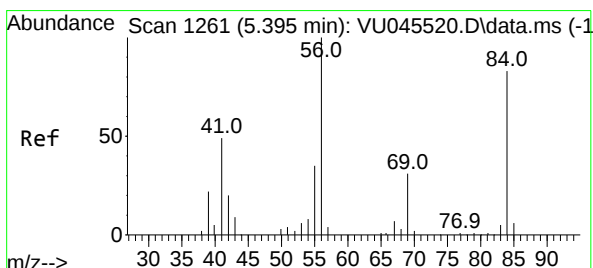
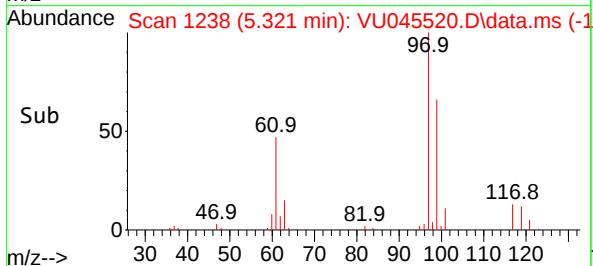
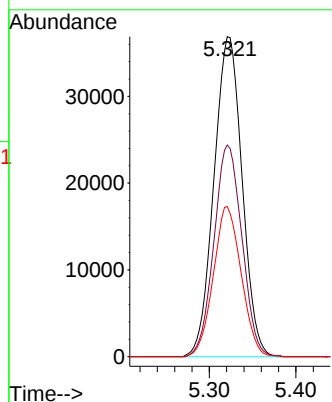
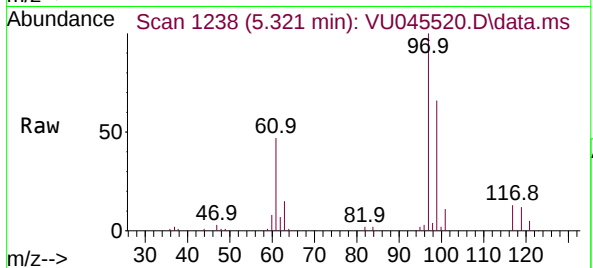
Tgt Ion: 97 Resp: 83299

Ion Ratio Lower Upper

97 100

99 65.8 52.6 79.0

61 46.4 37.1 55.7



#30

Cyclohexane

Concen: 5.507 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

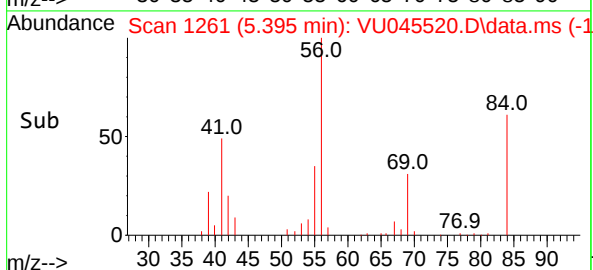
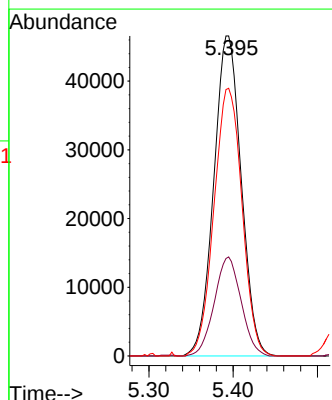
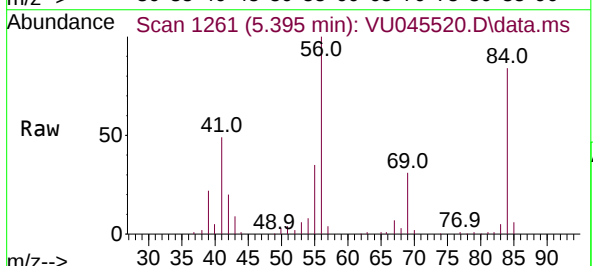
Tgt Ion: 56 Resp: 105229

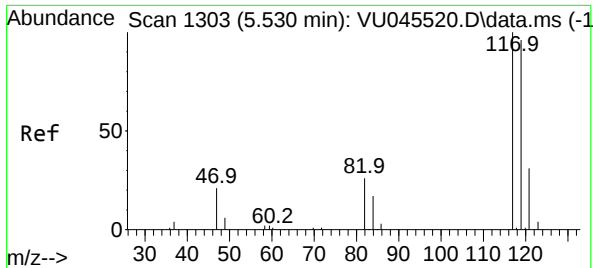
Ion Ratio Lower Upper

56 100

69 30.2 24.2 36.2

84 85.4 68.3 102.5

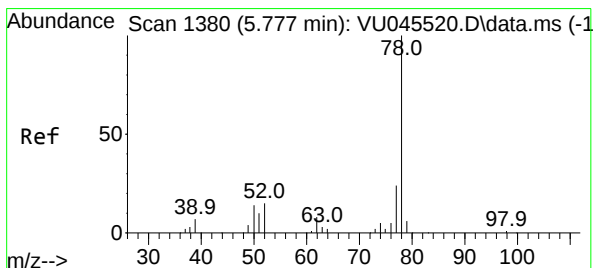
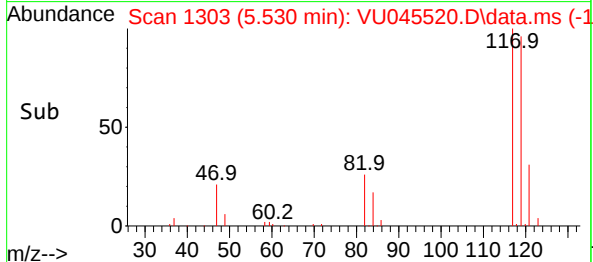
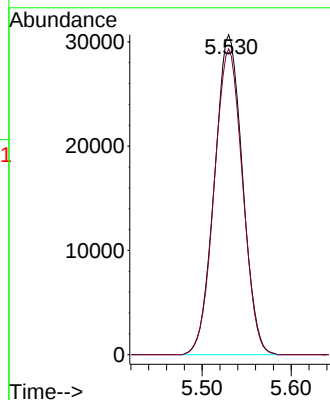
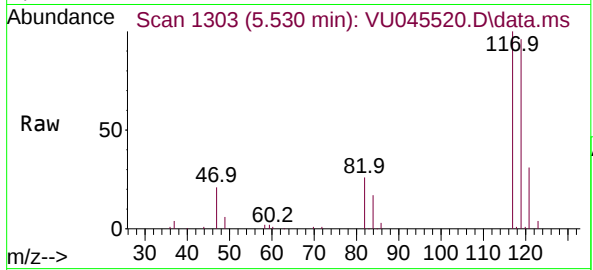




#31
Carbon tetrachloride
Concen: 5.218 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

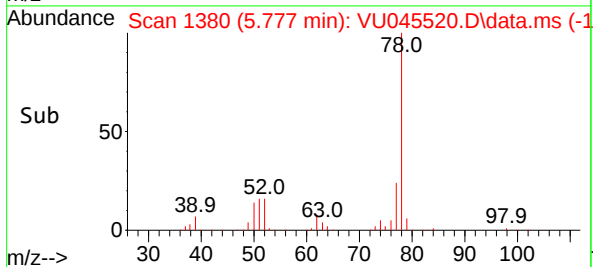
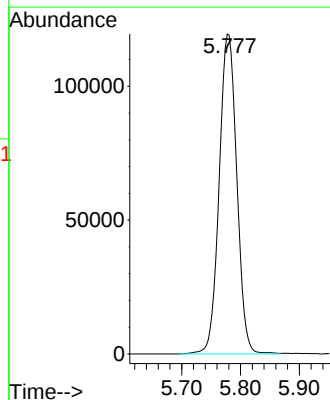
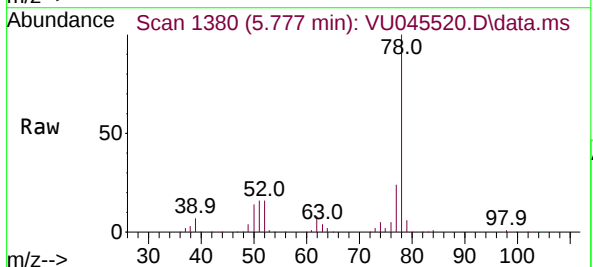
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

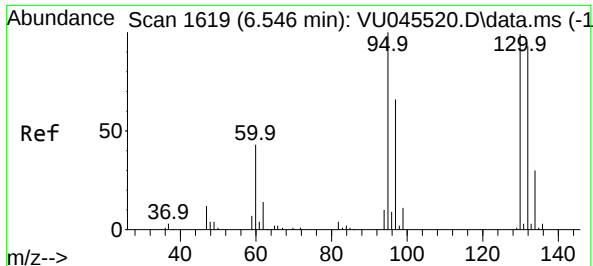
Tgt Ion:117 Resp: 66949
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0



#33
Benzene
Concen: 5.510 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion: 78 Resp: 248818





#34

Trichloroethene

Concen: 5.027 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD005030

Tgt Ion: 95 Resp: 55268

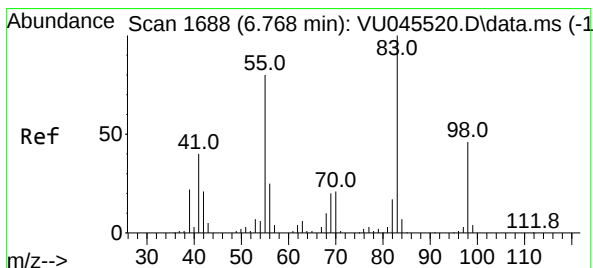
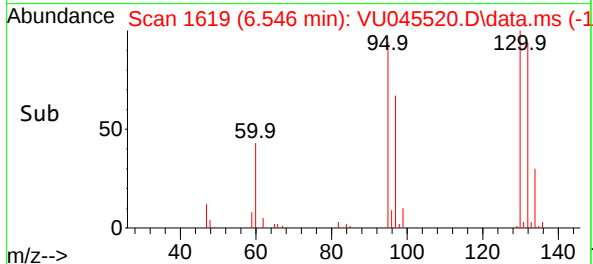
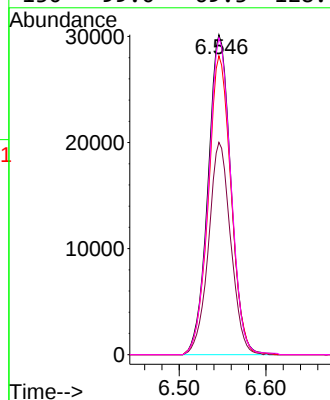
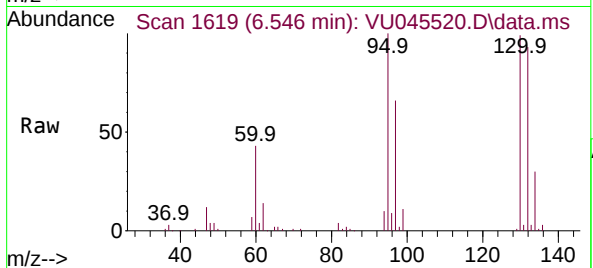
Ion Ratio Lower Upper

95 100

97 66.4 46.5 86.3

132 93.4 65.4 121.4

130 99.0 69.3 128.7



#35

Methylcyclohexane

Concen: 5.630 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

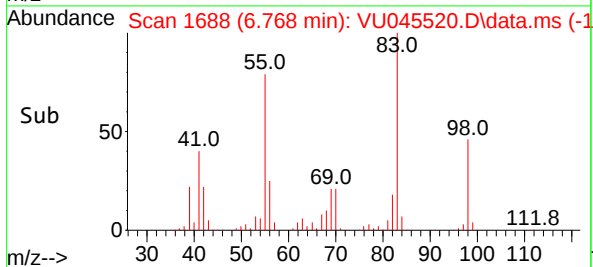
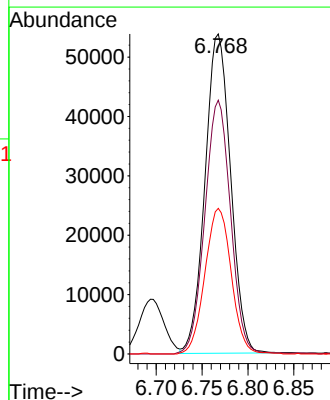
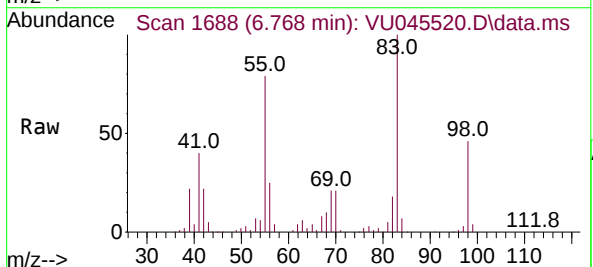
Tgt Ion: 83 Resp: 104635

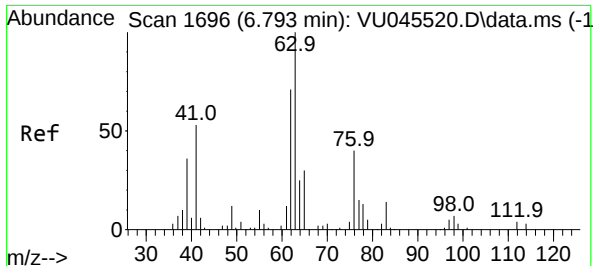
Ion Ratio Lower Upper

83 100

55 79.9 63.9 95.9

98 46.8 37.4 56.2





#37

1,2-Dichloropropane

Concen: 5.297 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

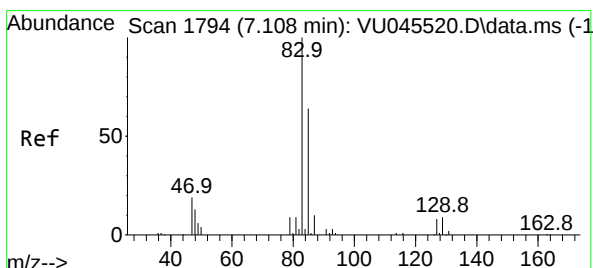
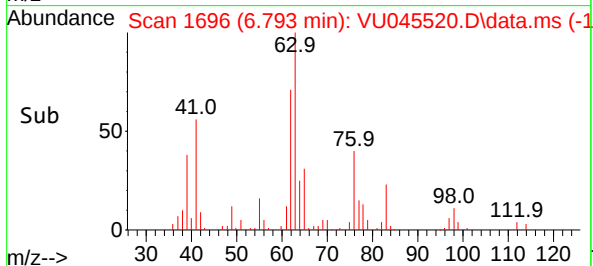
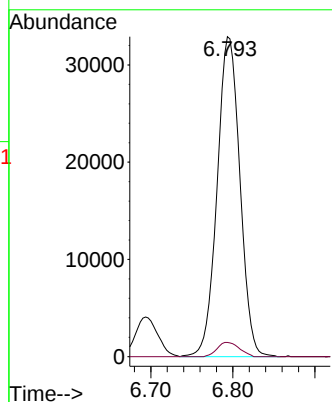
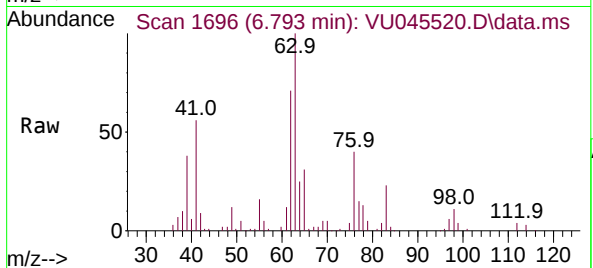
VSTD005030

Tgt Ion: 63 Resp: 63706

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 5.025 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

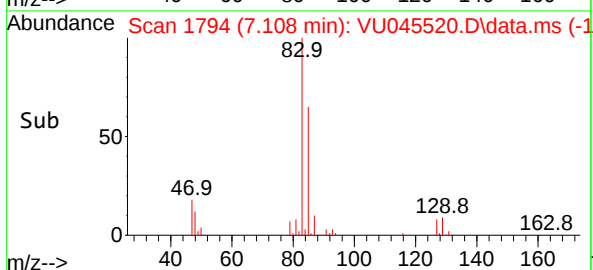
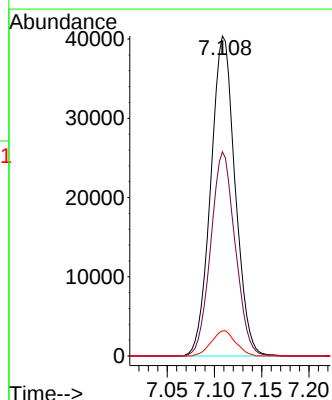
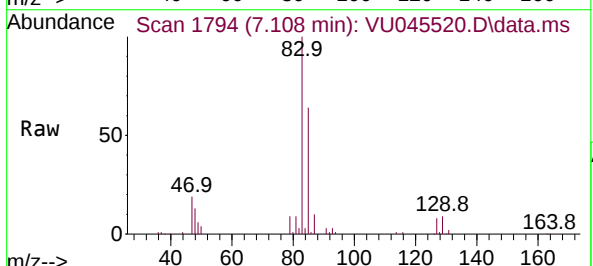
Tgt Ion: 83 Resp: 72422

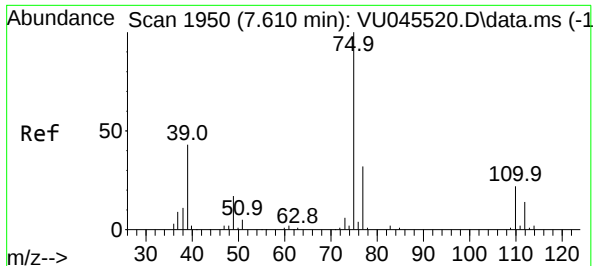
Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

127 7.8 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 5.389 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

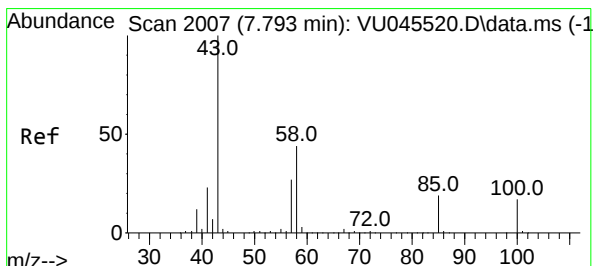
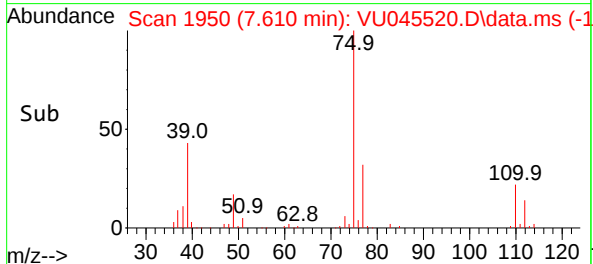
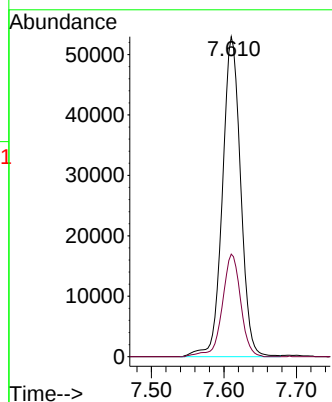
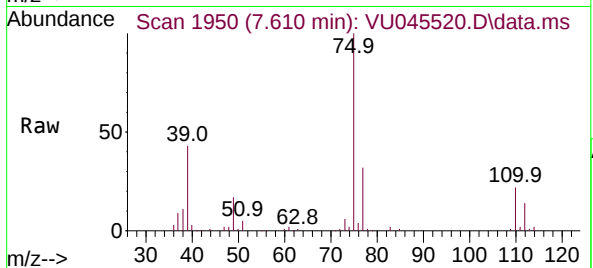
VSTD005030

Tgt Ion: 75 Resp: 92467

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 47.064 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

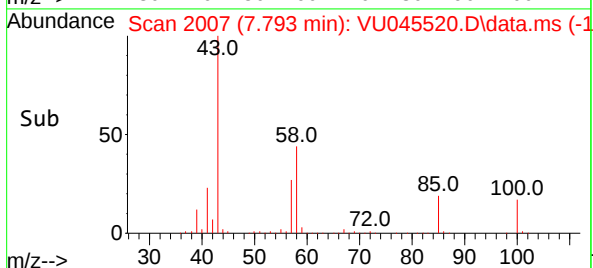
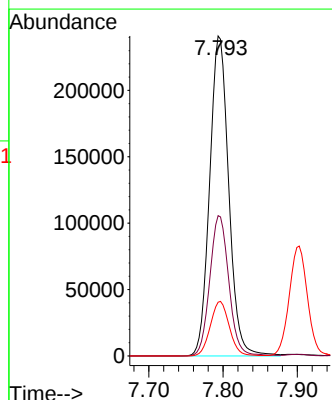
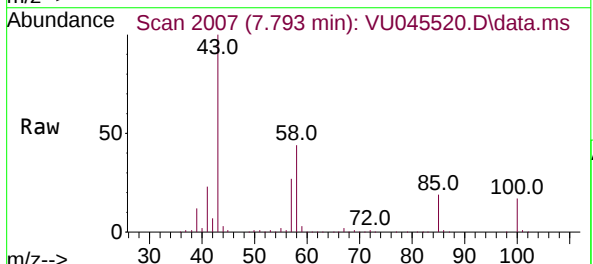
Tgt Ion: 43 Resp: 429453

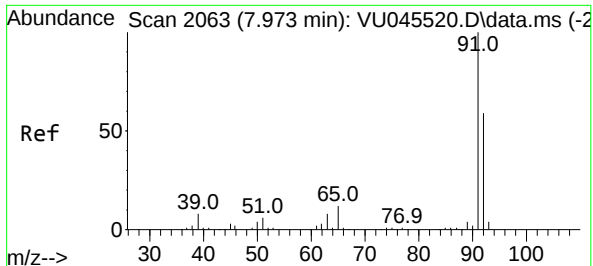
Ion Ratio Lower Upper

43 100

58 43.8 35.0 52.6

100 17.0 13.6 20.4





#42

Toluene

Concen: 5.530 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

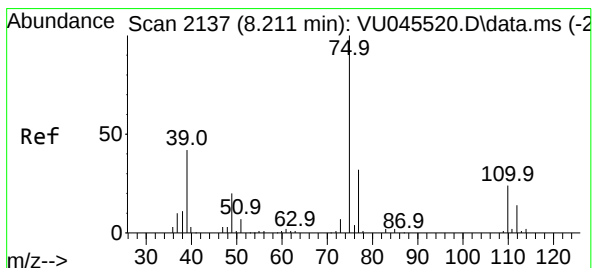
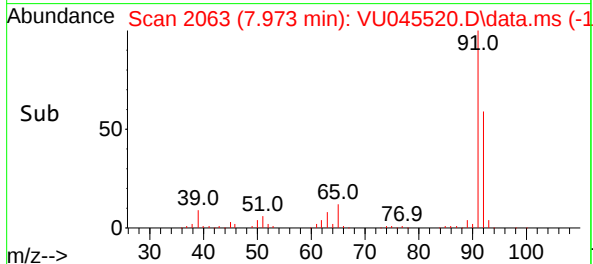
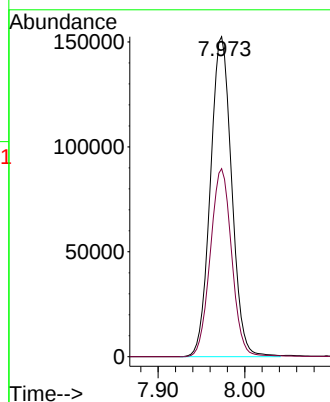
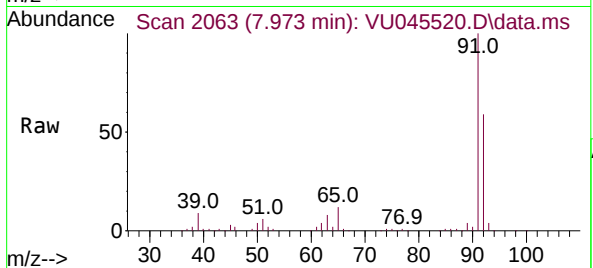
VSTD005030

Tgt Ion: 91 Resp: 260686

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 5.431 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU045520.D

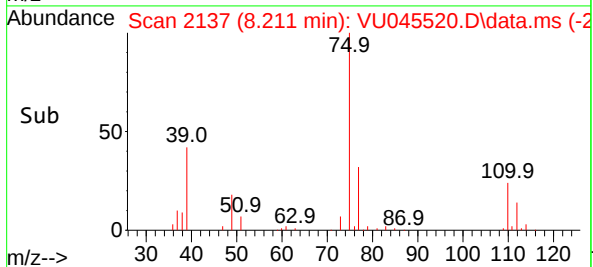
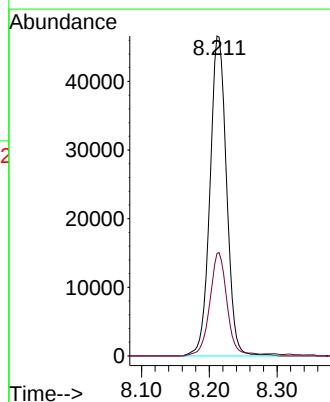
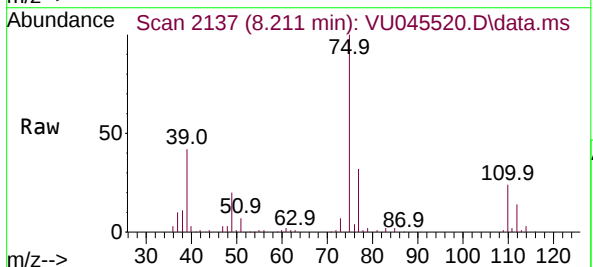
Acq: 03 Nov 2021 13:39

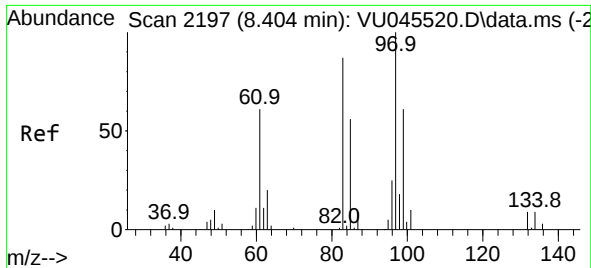
Tgt Ion: 75 Resp: 79239

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7

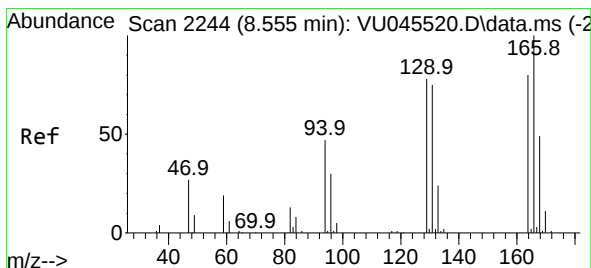
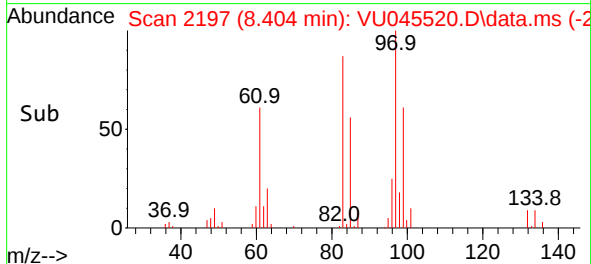
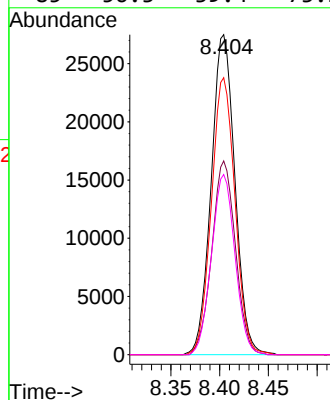
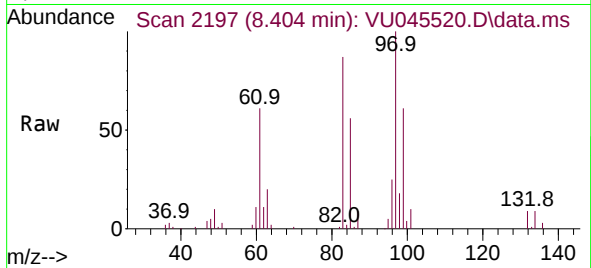




#45
1,1,2-Trichloroethane
Concen: 5.415 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

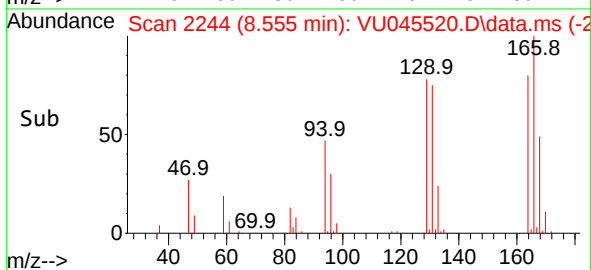
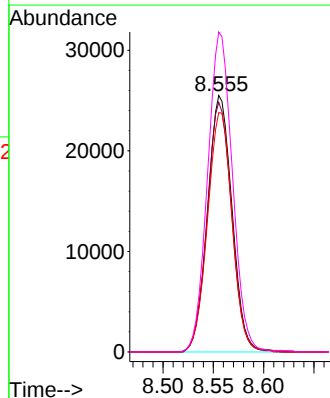
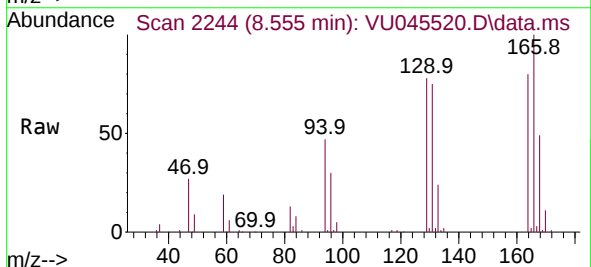
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

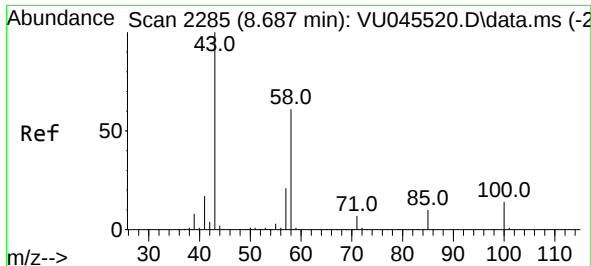
Tgt Ion:	97	Resp:	46517
Ion	Ratio	Lower	Upper
97	100		
99	60.5	42.4	78.6
83	86.6	60.6	112.6
85	56.3	39.4	73.2



#47
Tetrachloroethene
Concen: 5.543 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion:	164	Resp:	43177
Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.1	126.5
131	93.3	65.3	121.3
166	124.7	87.3	162.1

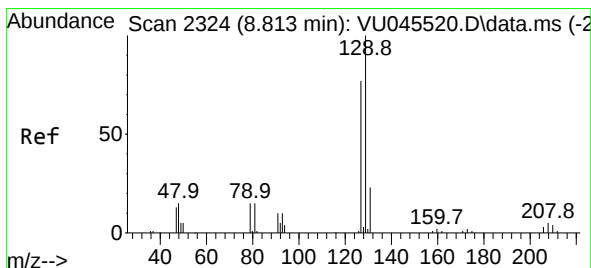
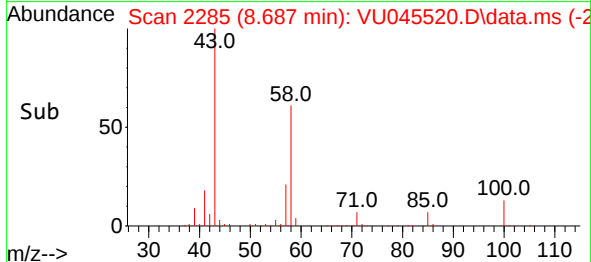
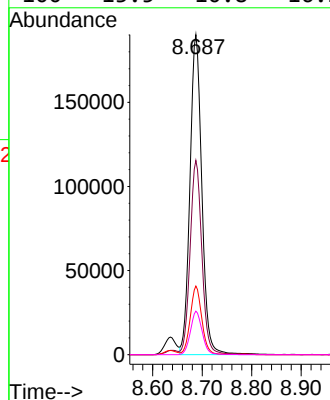
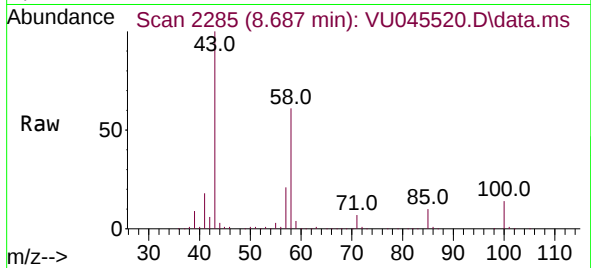




#48
2-Hexanone
Concen: 46.689 ug/L
RT: 8.687 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

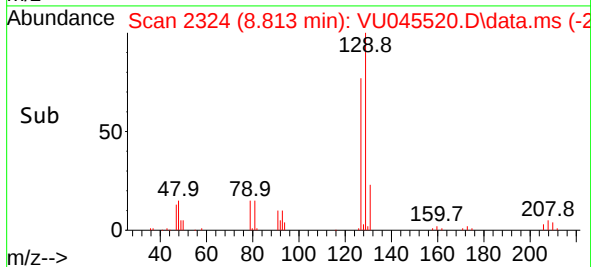
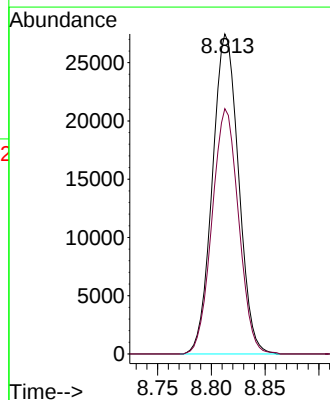
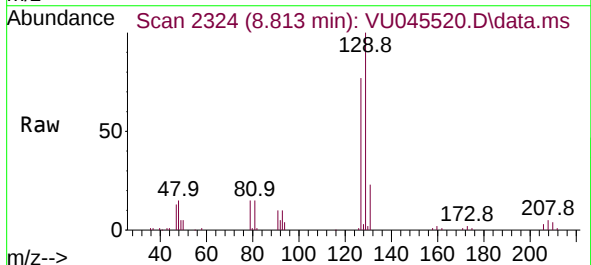
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

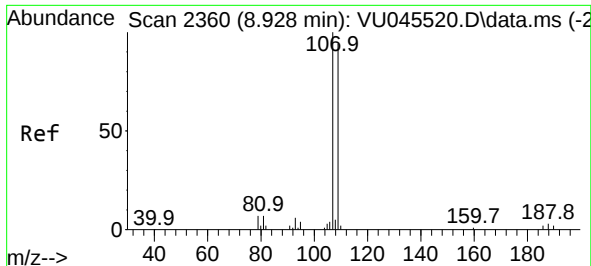
Tgt Ion:	43	Resp:	316774
Ion	Ratio	Lower	Upper
43	100		
58	59.6	47.7	71.5
57	20.8	16.6	25.0
100	13.5	10.8	16.2



#49
Dibromochloromethane
Concen: 5.203 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion:	129	Resp:	46565
Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.6	99.6

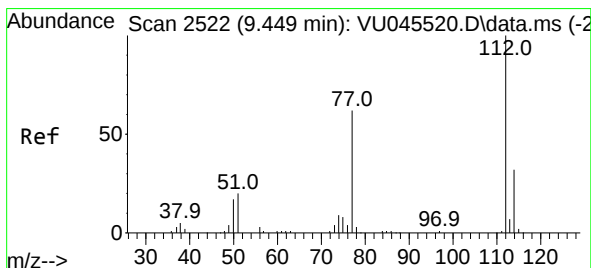
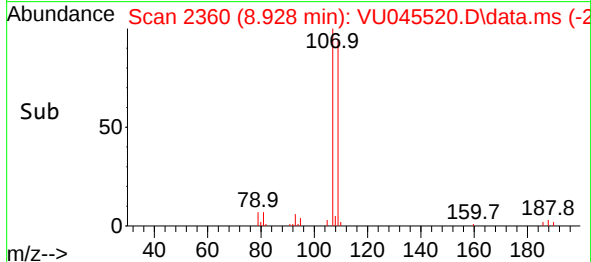
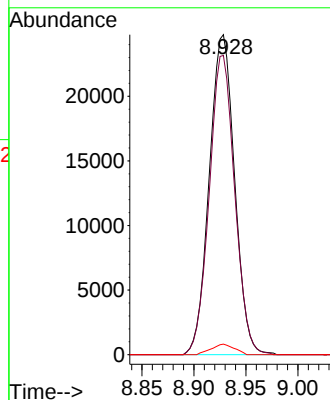
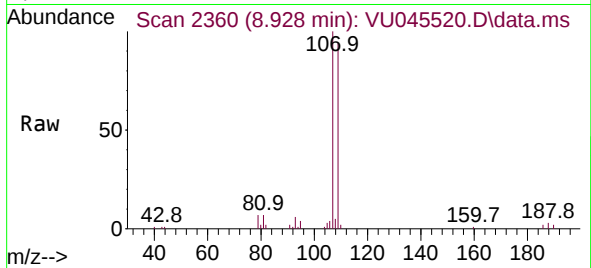




#50
1,2-Dibromoethane
Concen: 5.238 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

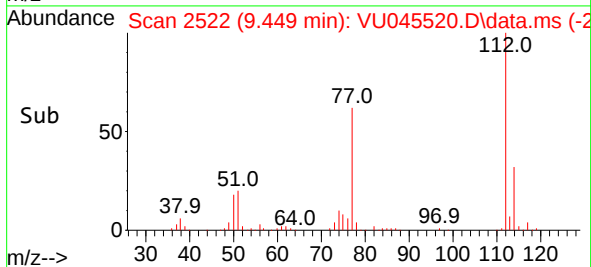
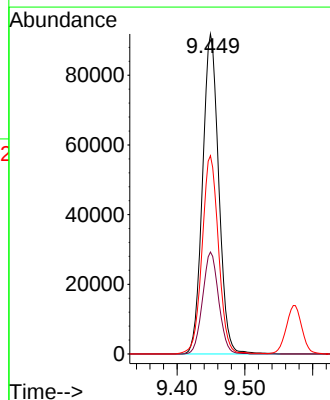
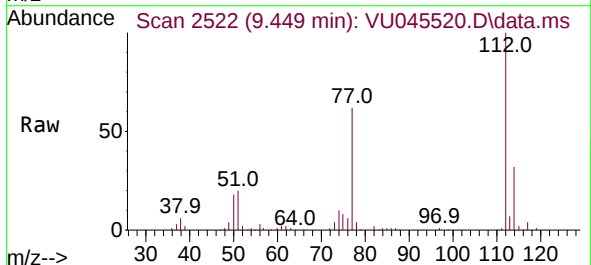
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

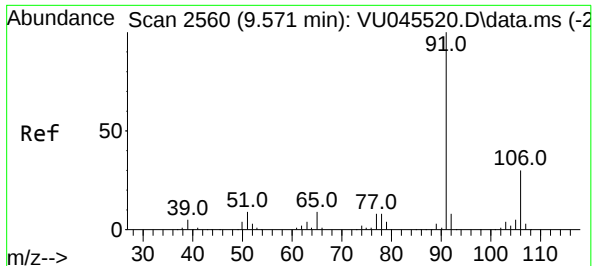
Tgt Ion:107 Resp: 42020
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.6
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 5.231 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion:112 Resp: 152202
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 61.9 49.5 74.3

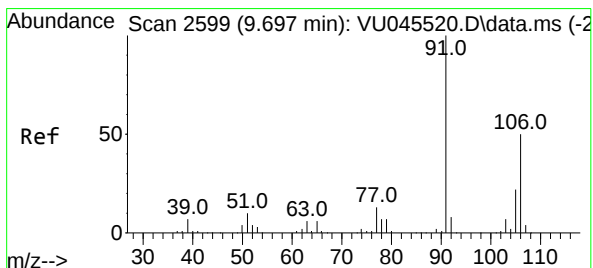
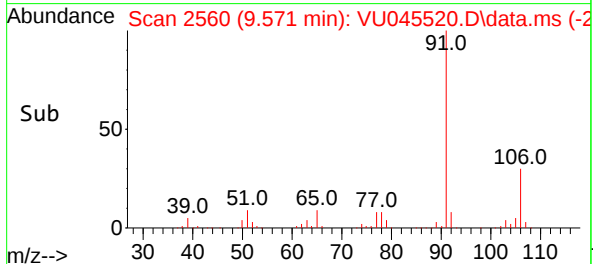
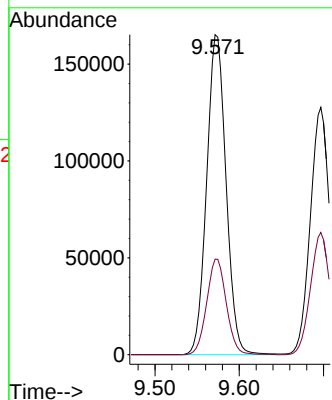
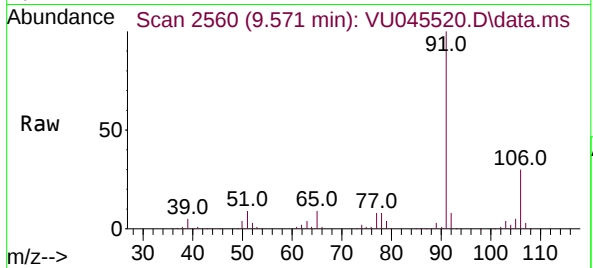




#52
Ethylbenzene
Concen: 5.224 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

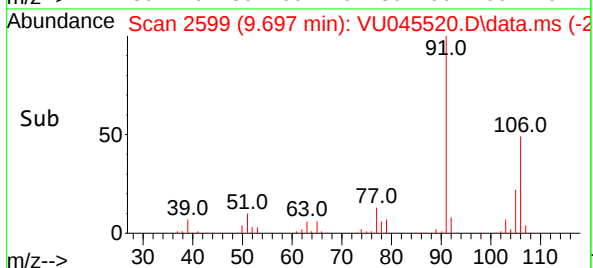
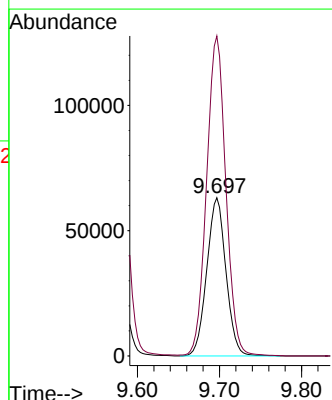
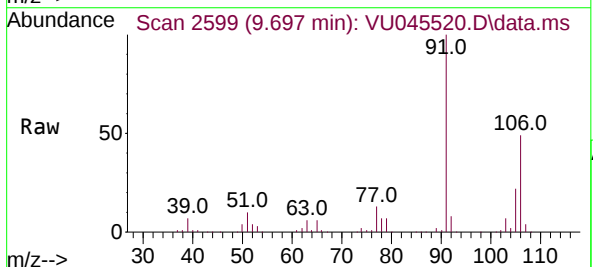
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

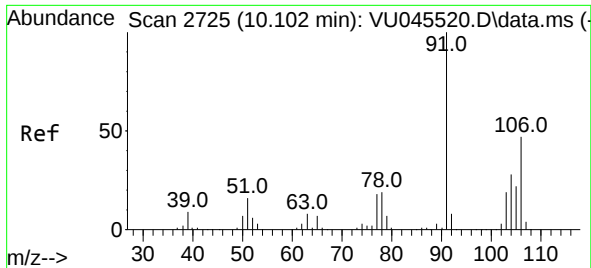
Tgt Ion: 91 Resp: 264704
Ion Ratio Lower Upper
91 100
106 29.9 20.9 38.9



#53
m,p-Xylene
Concen: 5.328 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion: 106 Resp: 102714
Ion Ratio Lower Upper
106 100
91 202.3 141.6 263.0

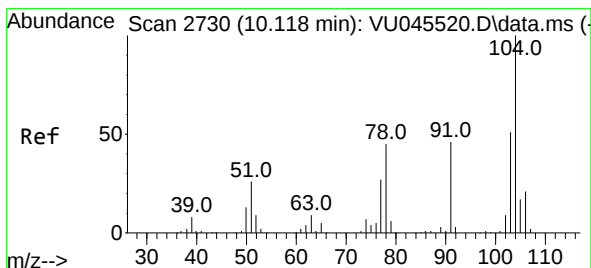
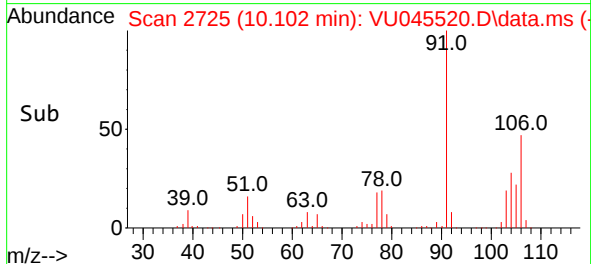
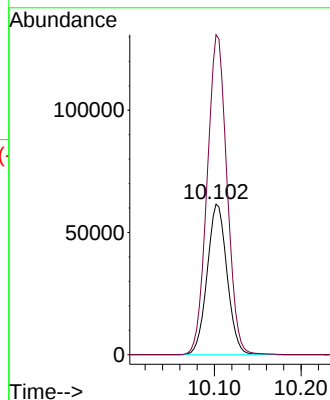
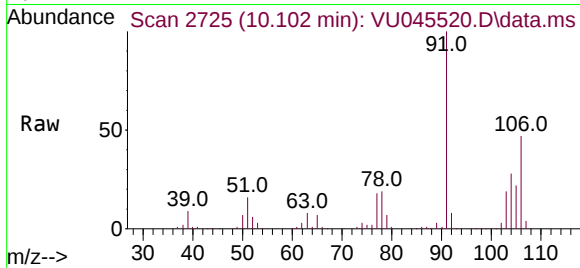




#54
o-Xylene
Concen: 5.329 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

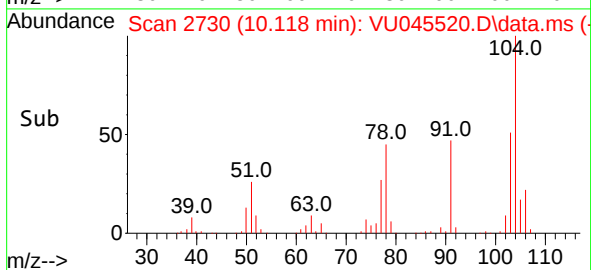
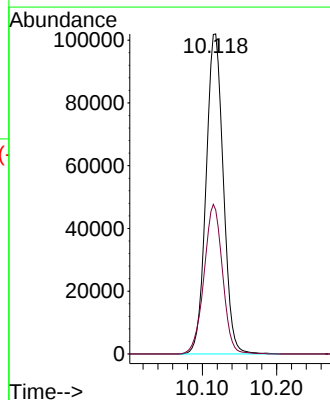
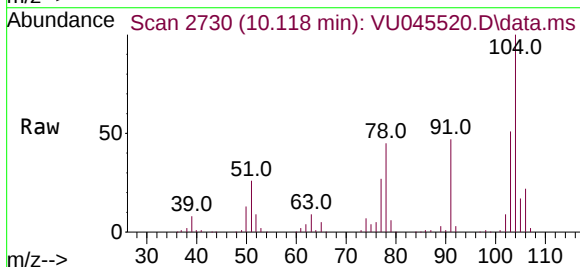
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

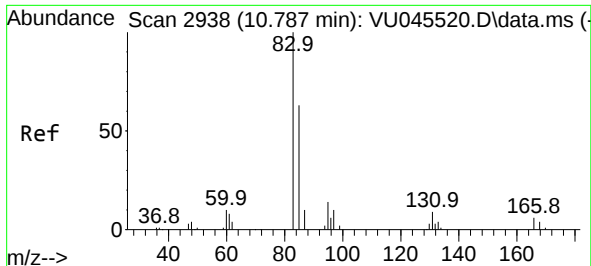
Tgt Ion:106 Resp: 98281
Ion Ratio Lower Upper
106 100
91 212.6 148.8 276.4



#55
Styrene
Concen: 5.164 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion:104 Resp: 164429
Ion Ratio Lower Upper
104 100
78 45.0 31.5 58.5

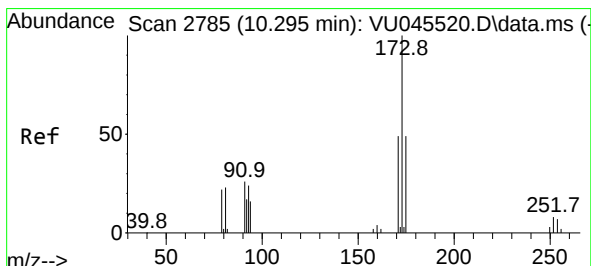
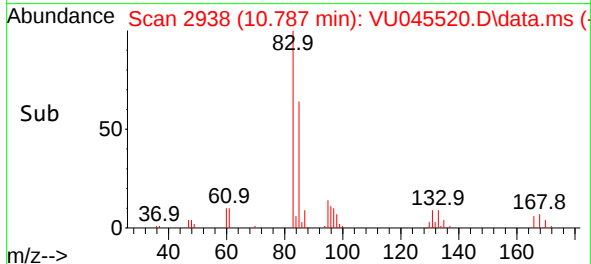
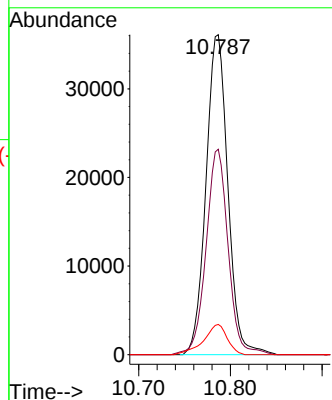
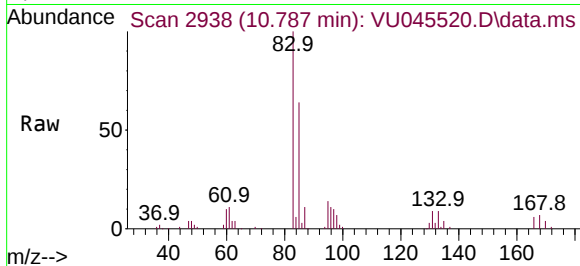




#57
1,1,2,2-Tetrachloroethane
Concen: 5.227 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

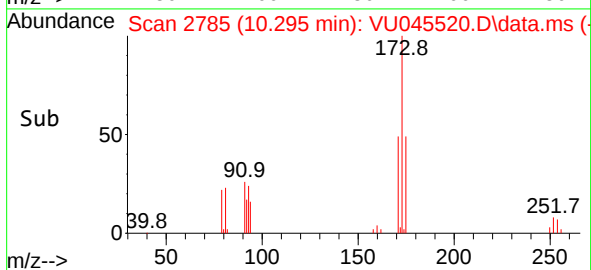
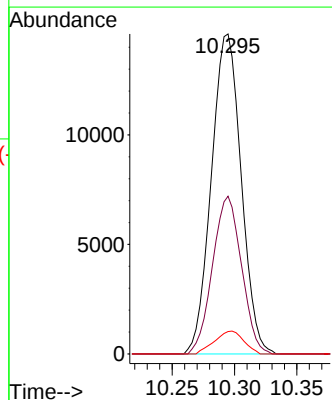
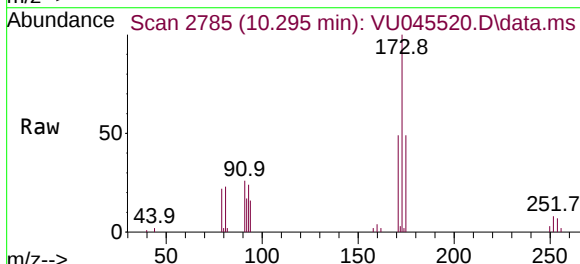
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

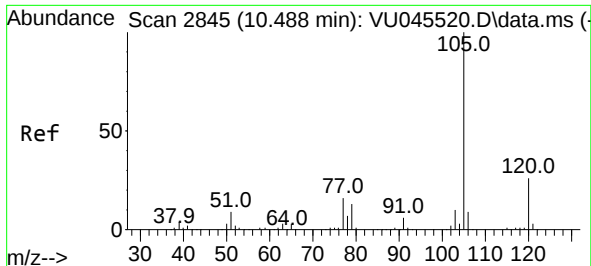
Tgt Ion:	83	Resp:	59842
Ion	Ratio	Lower	Upper
83	100		
85	64.2	44.9	83.5
131	9.4	7.5	11.3



#59
Bromoform
Concen: 4.910 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion:	173	Resp:	24301
Ion	Ratio	Lower	Upper
173	100		
175	47.9	38.3	57.5
254	7.0	5.6	8.4

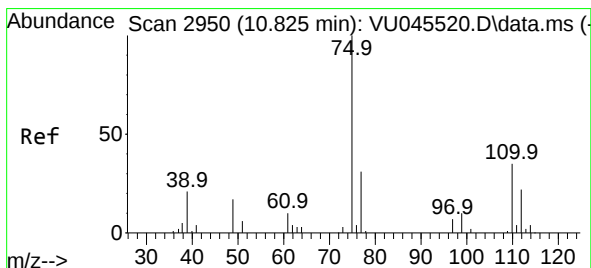
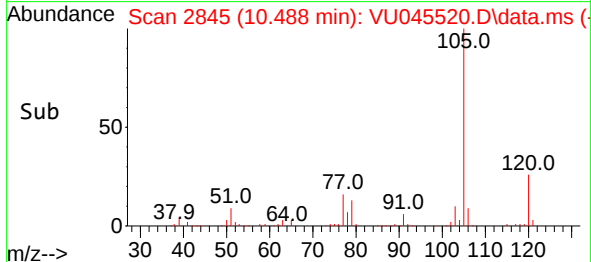
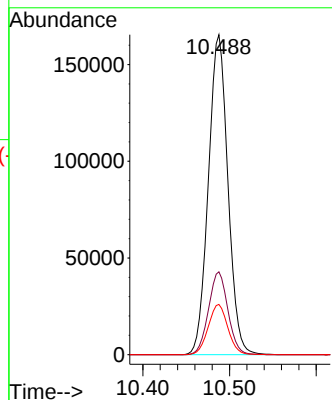
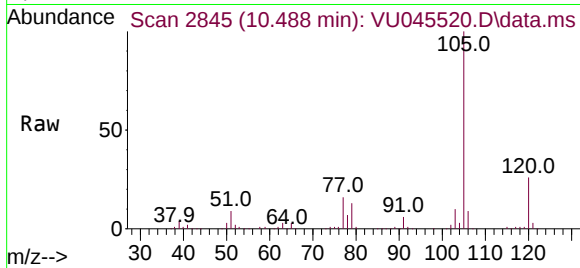




#60
Isopropylbenzene
Concen: 5.148 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

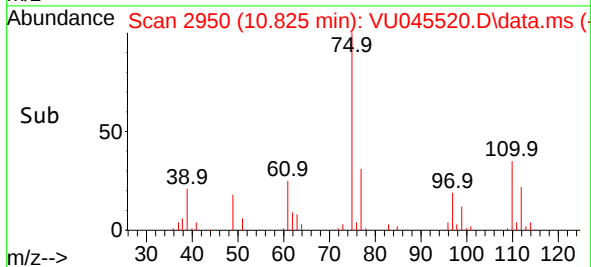
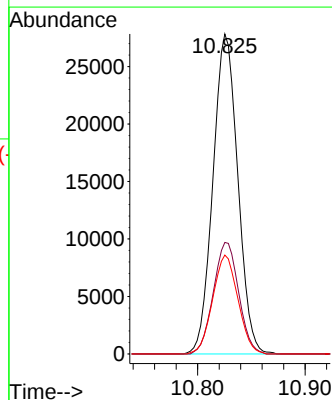
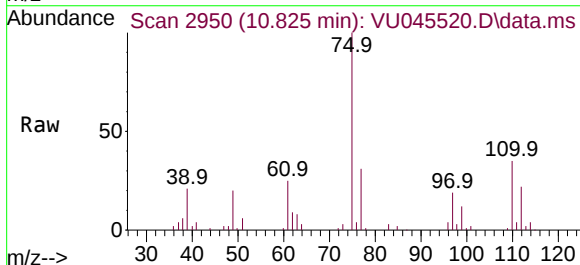
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

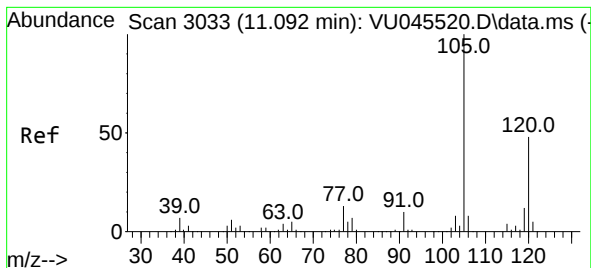
Tgt Ion:105 Resp: 259246
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.036 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion: 75 Resp: 44613
Ion Ratio Lower Upper
75 100
110 35.5 28.4 42.6
77 31.4 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 5.559 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

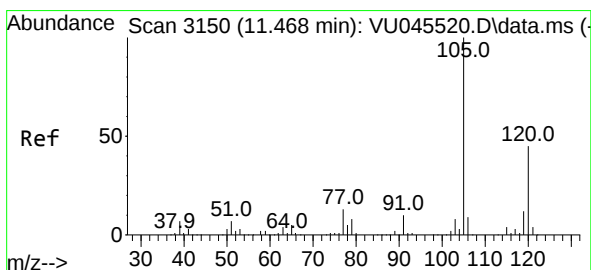
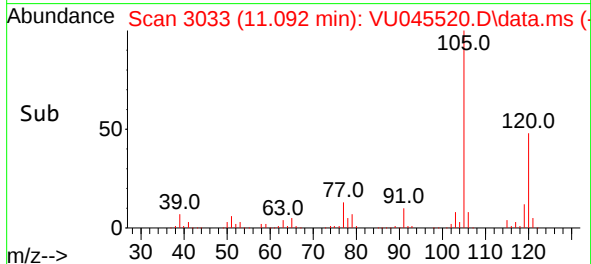
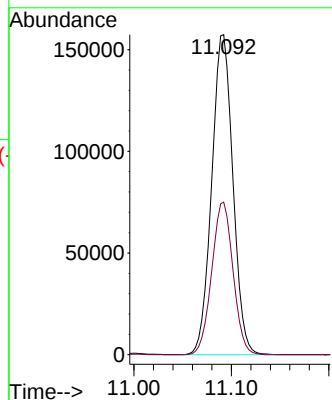
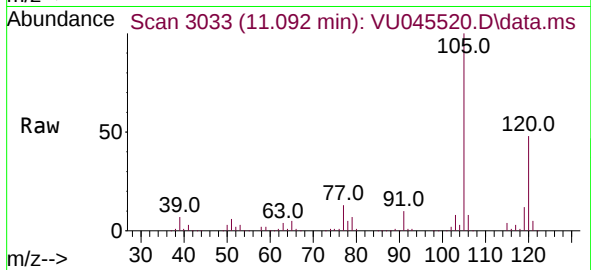
VSTD005030

Tgt Ion:105 Resp: 237718

Ion Ratio Lower Upper

105 100

120 47.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.438 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU045520.D

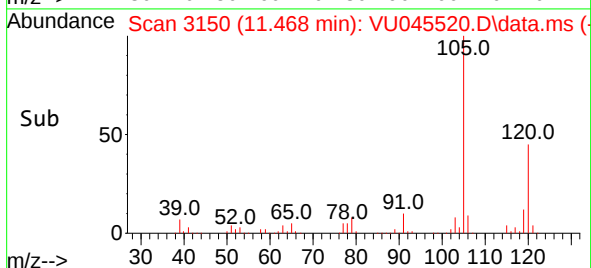
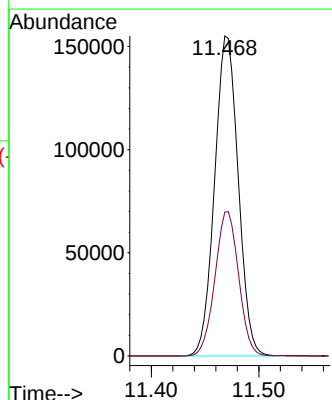
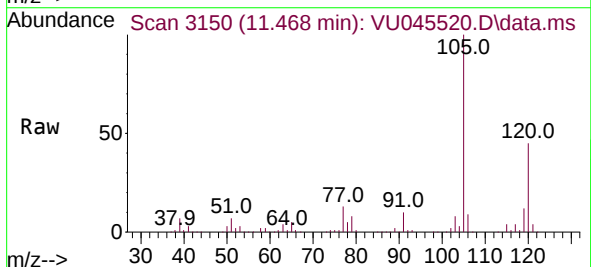
Acq: 03 Nov 2021 13:39

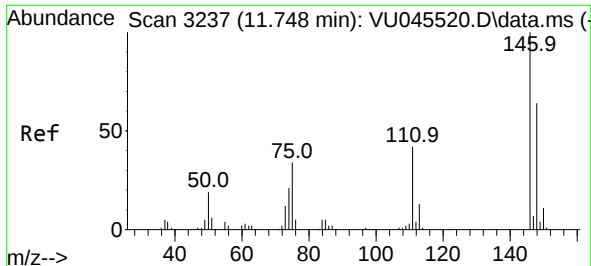
Tgt Ion:105 Resp: 236645

Ion Ratio Lower Upper

105 100

120 45.2 36.2 54.2

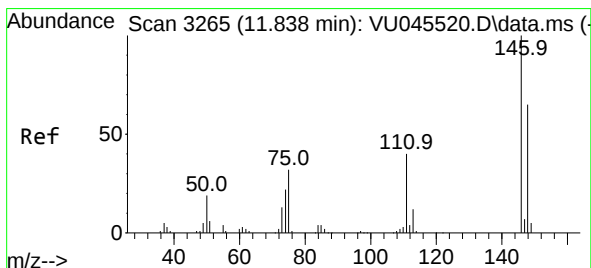
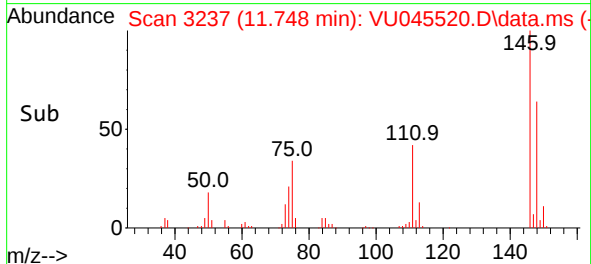
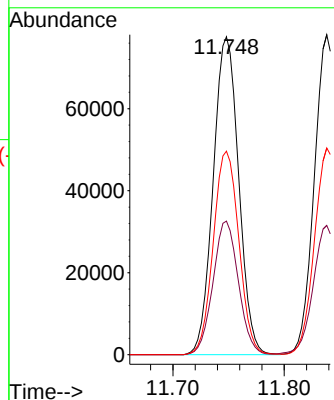
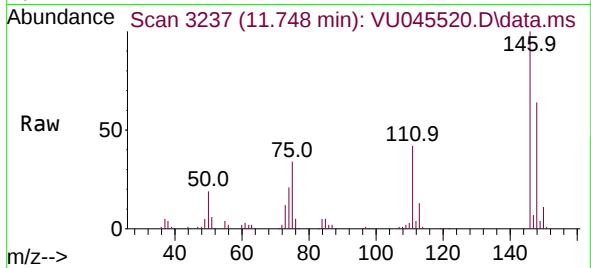




#64
1,3-Dichlorobenzene
Concen: 5.195 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

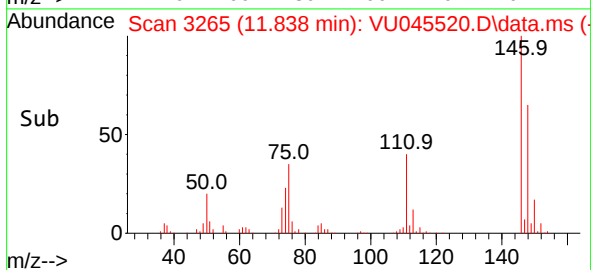
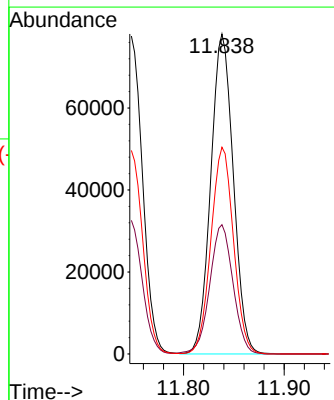
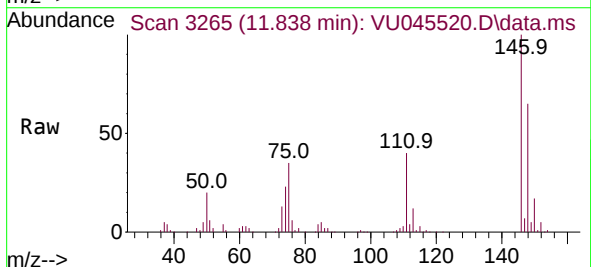
Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

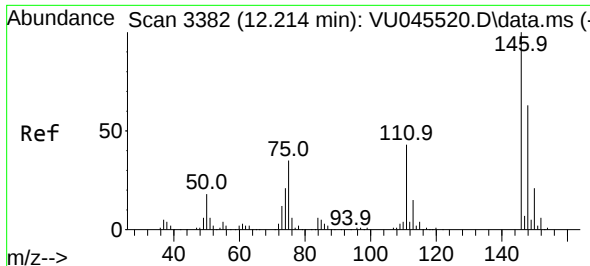
Tgt Ion:146 Resp: 123106
Ion Ratio Lower Upper
146 100
111 42.0 29.4 54.6
148 64.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 5.007 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion:146 Resp: 121808
Ion Ratio Lower Upper
146 100
111 40.4 28.3 52.5
148 64.6 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 5.214 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD005030

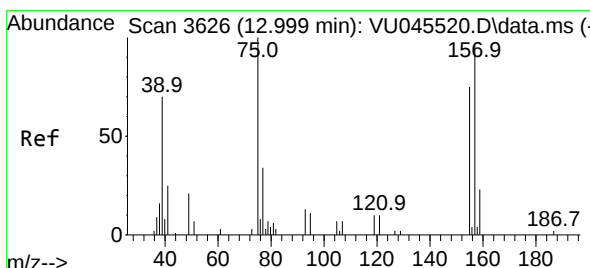
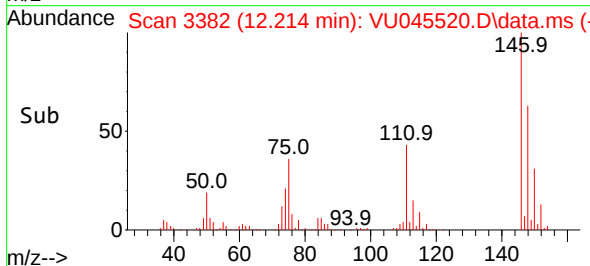
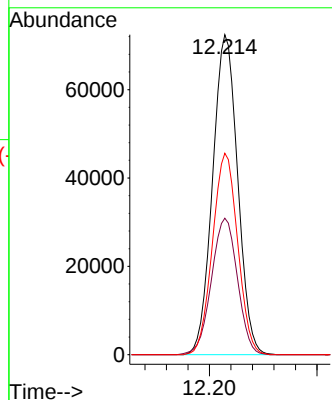
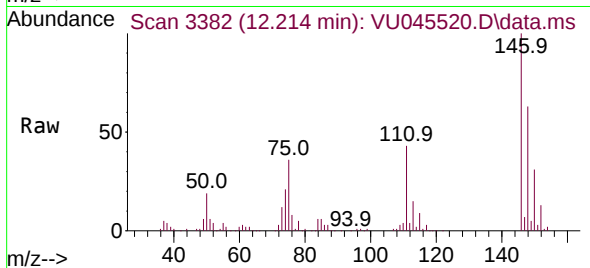
Tgt Ion:146 Resp: 117157

Ion Ratio Lower Upper

146 100

111 42.7 34.2 51.2

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.156 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU045520.D

Acq: 03 Nov 2021 13:39

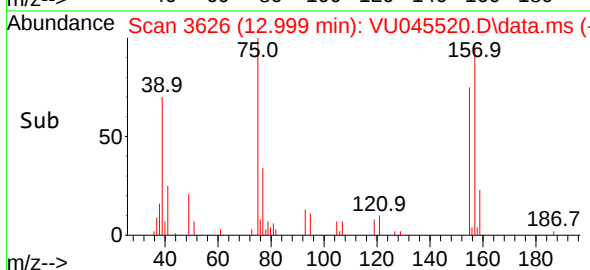
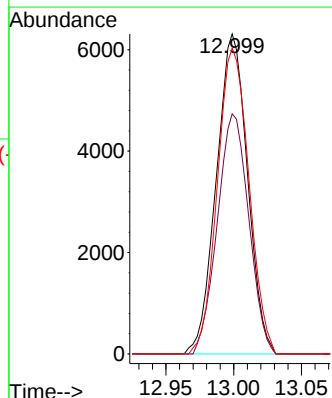
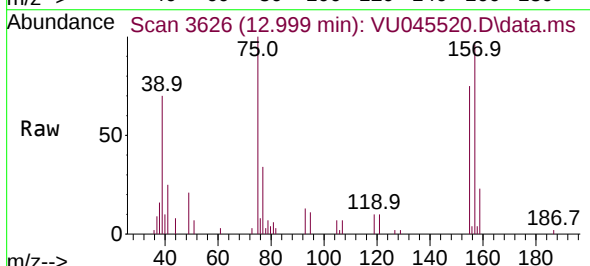
Tgt Ion: 75 Resp: 10082

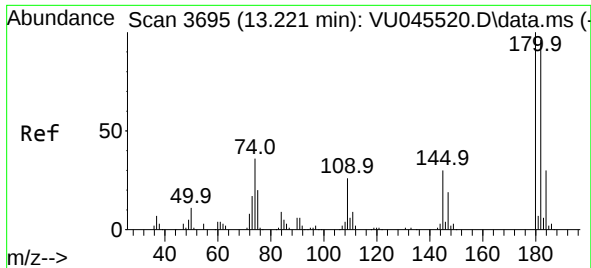
Ion Ratio Lower Upper

75 100

155 75.1 60.1 90.1

157 95.6 76.5 114.7

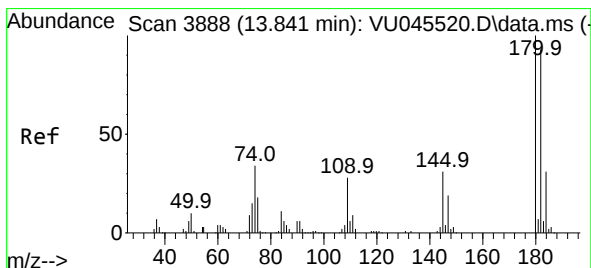
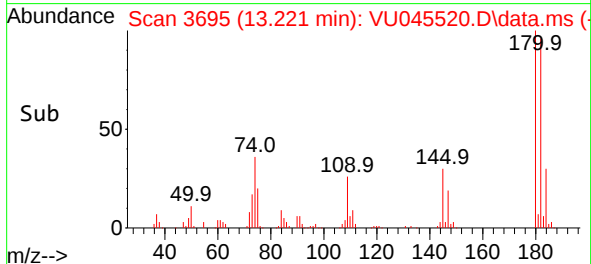
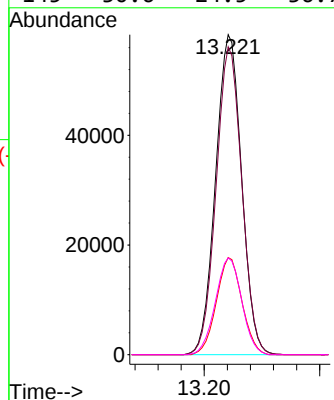
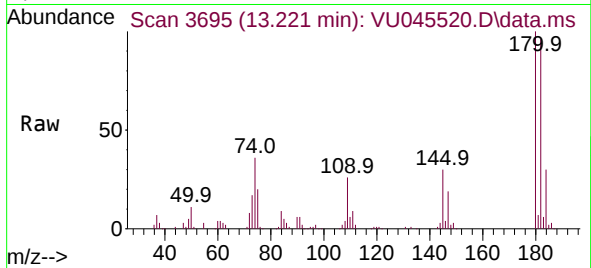




#69
 1,3,5-Trichlorobenzene
 Concen: 5.034 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045520.D
 Acq: 03 Nov 2021 13:39

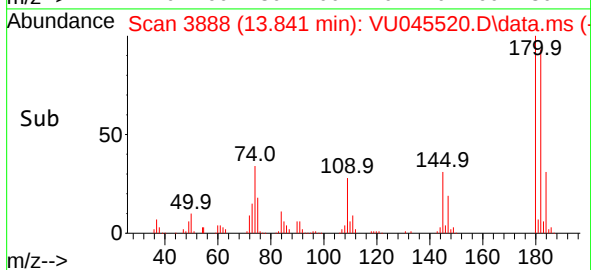
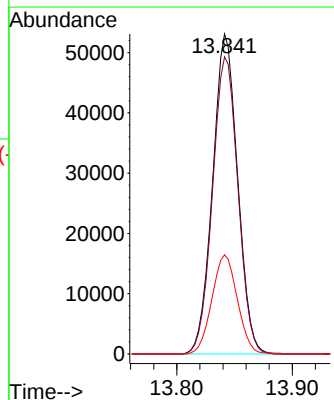
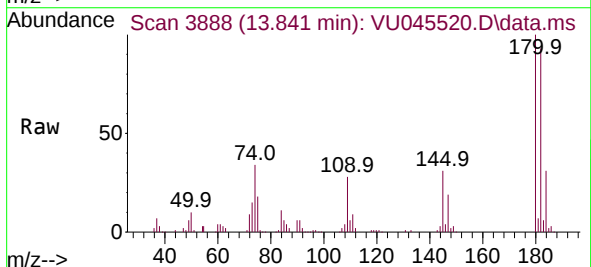
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005030

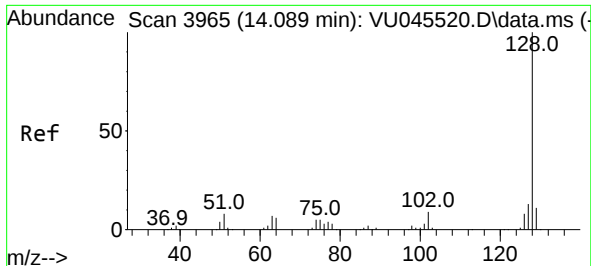
Tgt Ion:	180	Resp:	90969
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.2	114.2
184	29.9	23.9	35.9
145	30.6	24.5	36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.179 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045520.D
 Acq: 03 Nov 2021 13:39

Tgt Ion:	180	Resp:	79659
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.5	113.3
145	31.6	25.3	37.9

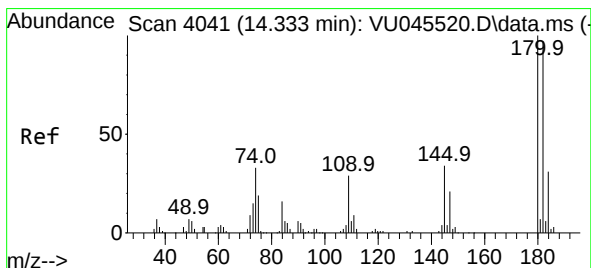
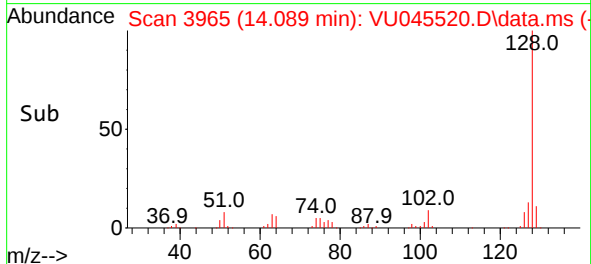
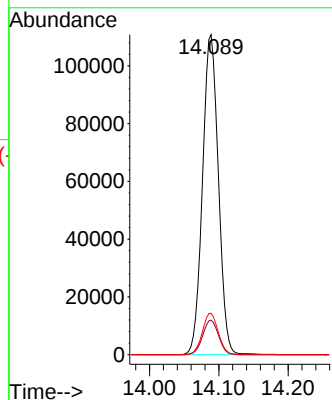
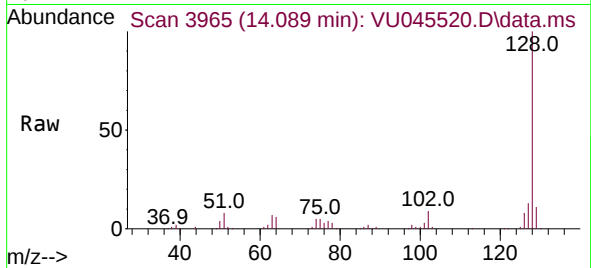




#71
Naphthalene
Concen: 5.641 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Instrument :
MSVOA_U
ClientSampleId :
VSTD005030

Tgt Ion:128 Resp: 176061
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.280 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045520.D
Acq: 03 Nov 2021 13:39

Tgt Ion:180 Resp: 75053
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.4
145 34.3 27.4 41.2

