

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045518.D
 Acq On : 03 Nov 2021 12:50
 Operator : SY/MD
 Sample : VSTD0.5
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5028

Quant Time: Nov 09 07:06:55 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	168128	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	161954	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	77763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	6276	0.588	ug/L	0.00
7) Chloroethane-d5	1.919	69	4201	0.426	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	2577	0.508	ug/L	0.00
20) 2-Butanone-d5	4.652	46	17339	4.493	ug/L	0.01
24) Chloroform-d	5.067	84	10124	0.478	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	5621	0.456	ug/L	0.00
32) Benzene-d6	5.732	84	21335	0.501	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	7241	0.522	ug/L	0.00
41) Toluene-d8	7.903	98	19407	0.521	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	2638	0.524	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	13473	4.246	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	6001	0.492	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	6728	0.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	7066	0.520	ug/L	95
3) Chloromethane	1.520	50	9226	0.567	ug/L	99
5) Vinyl chloride	1.607	62	8353	0.512	ug/L	97
6) Bromomethane	1.864	94	3764	0.452	ug/L	98
8) Chloroethane	1.938	64	3652	0.372	ug/L	95
9) Trichlorofluoromethane	2.144	101	6632	0.383	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5148	0.458	ug/L	96
12) 1,1-Dichloroethene	2.584	96	5174	0.483	ug/L	92
13) Acetone	2.665	43	10517	4.020	ug/L	95
14) Carbon disulfide	2.800	76	19154	0.547	ug/L	100
15) Methyl Acetate	2.964	43	2745	0.538	ug/L	90
16) Methylene chloride	3.051	84	6234	0.382	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	14399	0.482	ug/L	95
18) trans-1,2-Dichloroethene	3.359	96	5812	0.504	ug/L	98
19) 1,1-Dichloroethane	3.877	63	10175	0.448	ug/L	96
21) 2-Butanone	4.729	43	14378	3.444	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	5772	0.481	ug/L	86
23) Bromochloromethane	4.980	128	2565	0.486	ug/L	88
25) Chloroform	5.092	83	9681	0.414	ug/L	98
27) 1,2-Dichloroethane	5.797	62	5969	0.382	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	7400	0.428	ug/L	96
30) Cyclohexane	5.395	56	9520	0.469	ug/L	100
31) Carbon tetrachloride	5.530	117	6384	0.469	ug/L	95
33) Benzene	5.780	78	22922	0.478	ug/L	100
34) Trichloroethene	6.546	95	6323	0.542	ug/L	92
35) Methylcyclohexane	6.768	83	9563	0.485	ug/L	98
37) 1,2-Dichloropropane	6.796	63	5810	0.455	ug/L #	95
38) Bromodichloromethane	7.112	83	6785	0.444	ug/L #	95
39) cis-1,3-Dichloropropene	7.610	75	8235	0.452	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	37573	3.879	ug/L	98
42) Toluene	7.973	91	23693	0.474	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	6989	0.451	ug/L	94

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 07:04:09 2021
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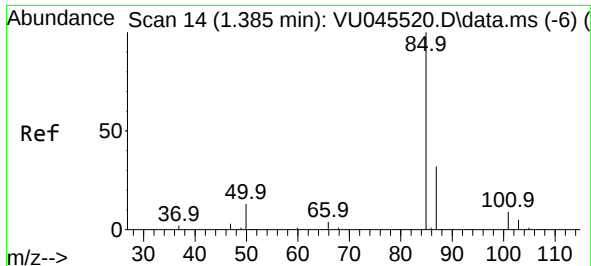
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.404	97	4114	0.451	ug/L	90
47) Tetrachloroethene	8.555	164	4196	0.508	ug/L	95
48) 2-Hexanone	8.687	43	23556	3.271	ug/L	96
49) Dibromochloromethane	8.816	129	4201	0.442	ug/L	97
50) 1,2-Dibromoethane	8.928	107	3885	0.456	ug/L #	92
51) Chlorobenzene	9.452	112	15016	0.486	ug/L	97
52) Ethylbenzene	9.575	91	24778	0.461	ug/L	99
53) m,p-Xylene	9.697	106	9406	0.460	ug/L	94
54) o-Xylene	10.102	106	9067	0.463	ug/L	94
55) Styrene	10.118	104	14055	0.416	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.787	83	5504	0.453	ug/L #	96
59) Bromoform	10.295	173	2295	0.488	ug/L #	93
60) Isopropylbenzene	10.488	105	23848	0.498	ug/L	99
61) 1,2,3-Trichloropropane	10.828	75	4343	0.516	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	18796	0.462	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	18486	0.447	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	11362	0.504	ug/L	97
65) 1,4-Dichlorobenzene	11.841	146	11700	0.506	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	10919	0.511	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	865	0.465	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	8063	0.469	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	7343	0.502	ug/L	100
71) Naphthalene	14.089	128	14605	0.492	ug/L	97
72) 1,2,3-Trichlorobenzene	14.333	180	6861	0.508	ug/L	94

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

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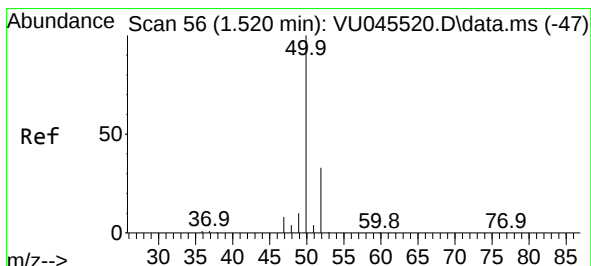
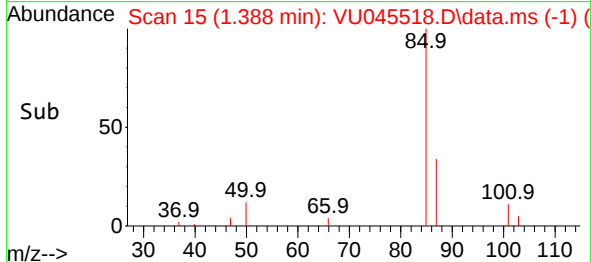
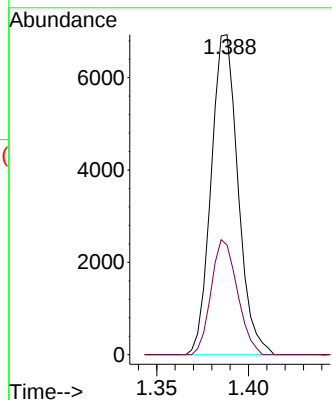
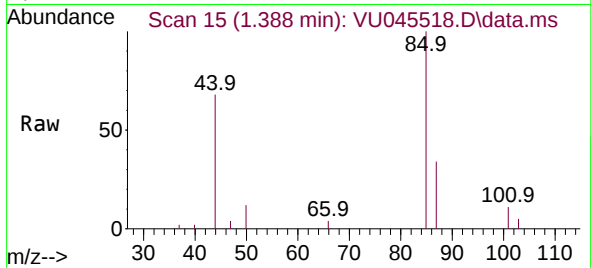




#2
Dichlorodifluoromethane
Concen: 0.520 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

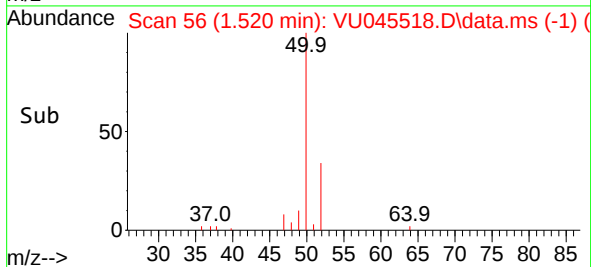
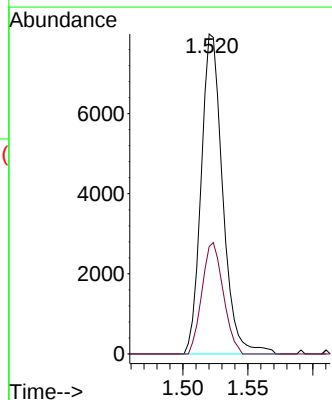
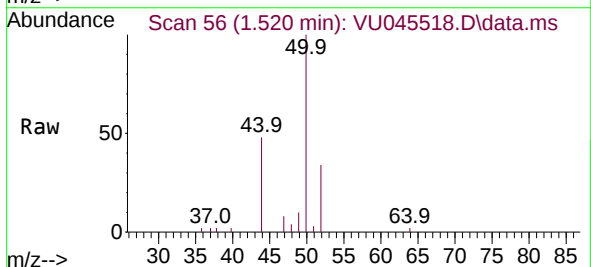
Instrument :
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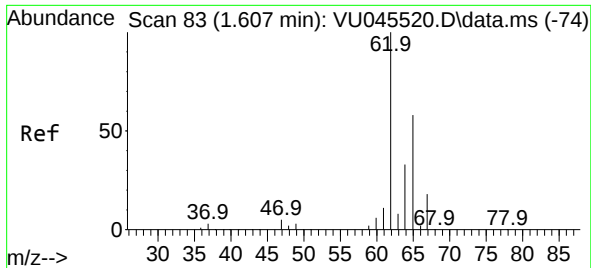
Tgt Ion: 85 Resp: 7066
Ion Ratio Lower Upper
85 100
87 35.0 25.6 38.4



#3
Chloromethane
Concen: 0.567 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion: 50 Resp: 9226
Ion Ratio Lower Upper
50 100
52 33.6 23.1 42.9

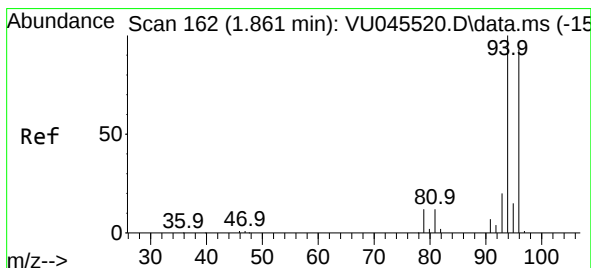
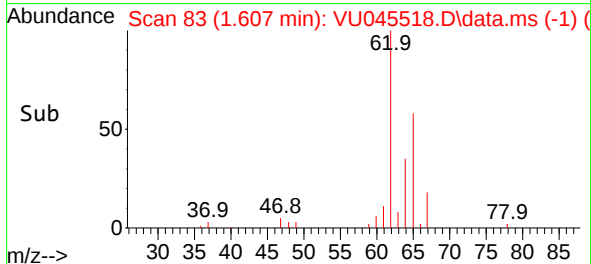
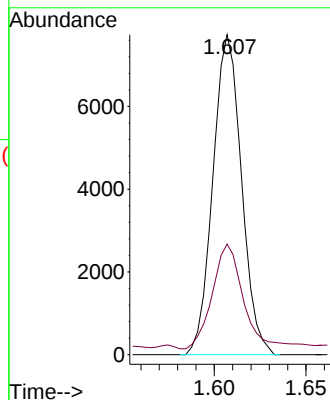
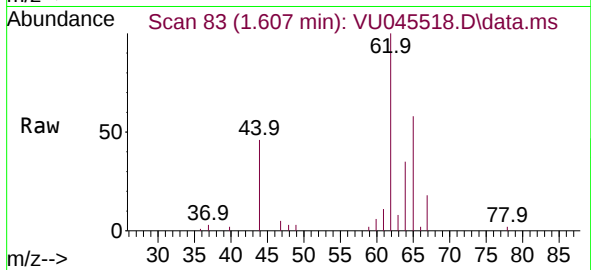




#5
 Vinyl chloride
 Concen: 0.512 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU045518.D
 Acq: 03 Nov 2021 12:50

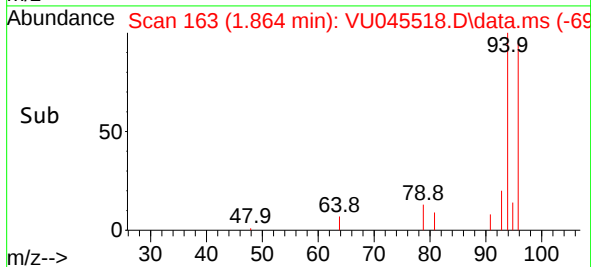
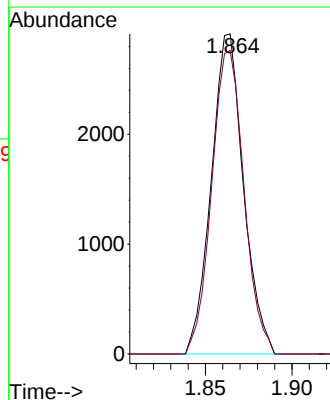
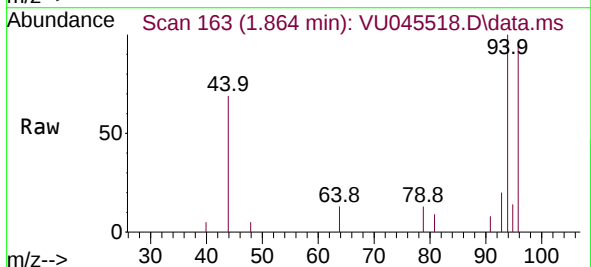
Instrument :
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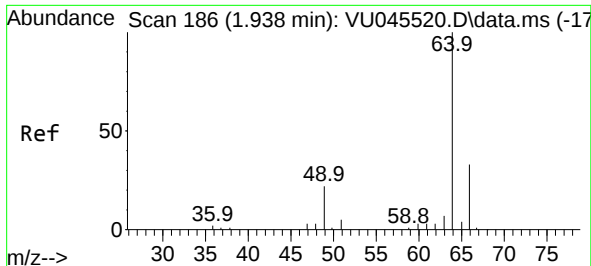
Tgt Ion: 62 Resp: 8353
 Ion Ratio Lower Upper
 62 100
 64 34.6 23.0 42.6



#6
 Bromomethane
 Concen: 0.452 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.003 min
 Lab File: VU045518.D
 Acq: 03 Nov 2021 12:50

Tgt Ion: 94 Resp: 3764
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.2 121.2

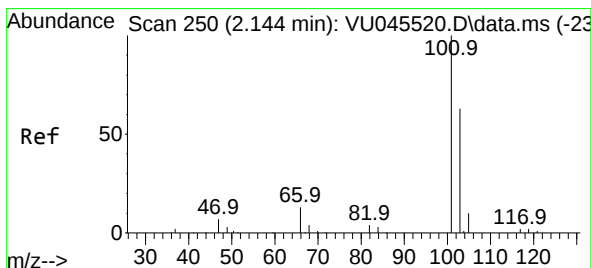
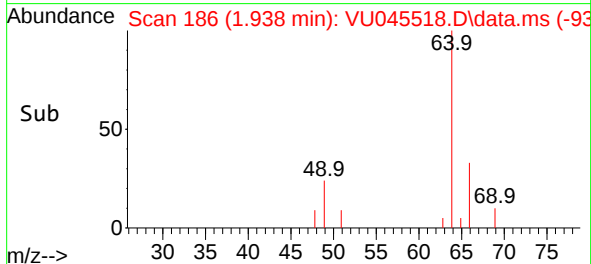
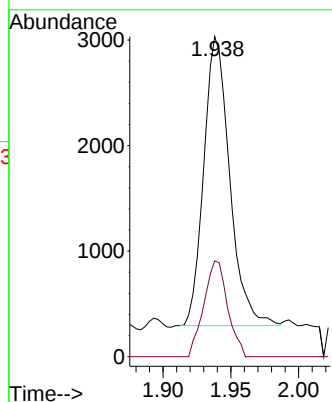
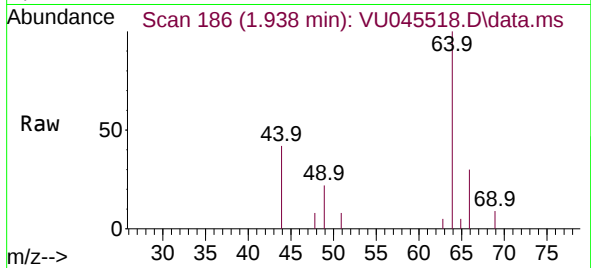




#8
Chloroethane
Concen: 0.372 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

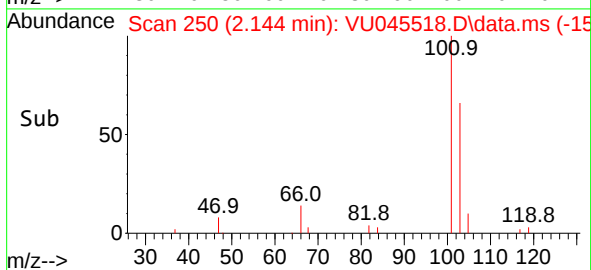
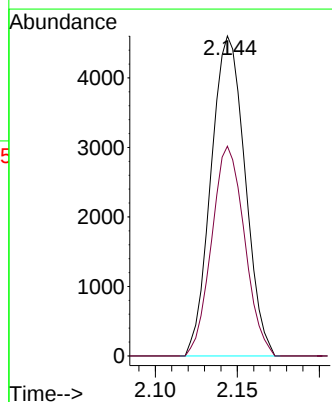
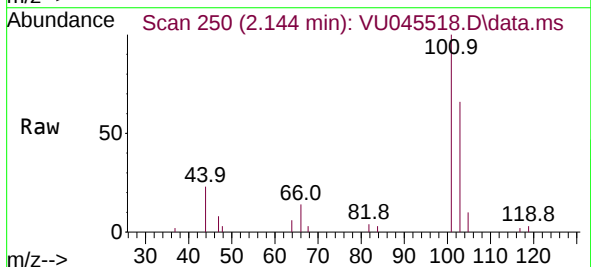
Instrument :
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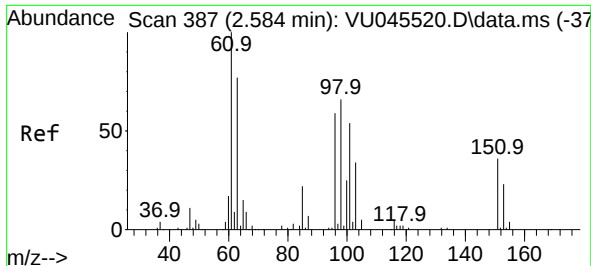
Tgt Ion: 64 Resp: 3652
Ion Ratio Lower Upper
64 100
66 29.9 23.0 42.6



#9
Trichlorofluoromethane
Concen: 0.383 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion:101 Resp: 6632
Ion Ratio Lower Upper
101 100
103 63.4 51.9 77.9

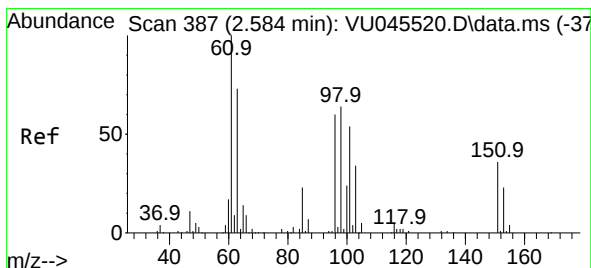
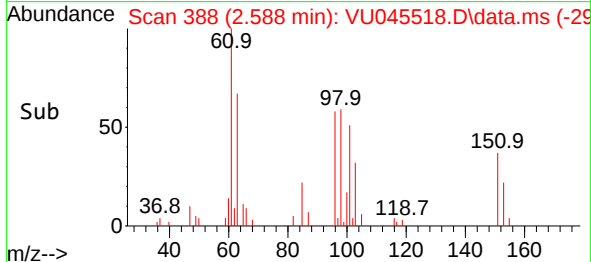
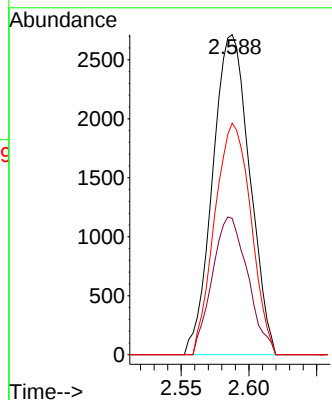
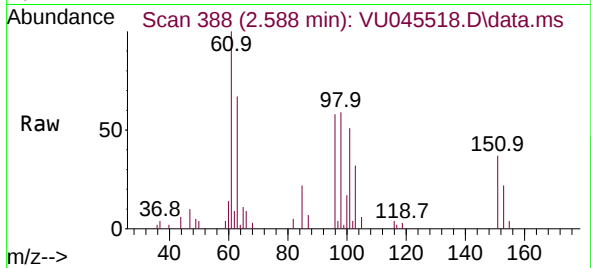




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.458 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

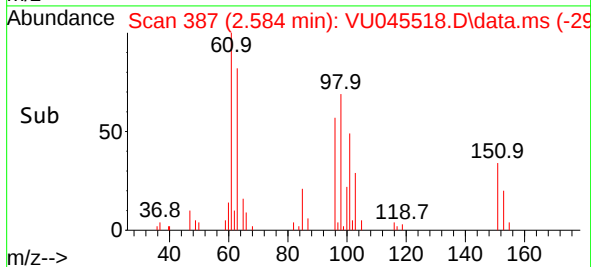
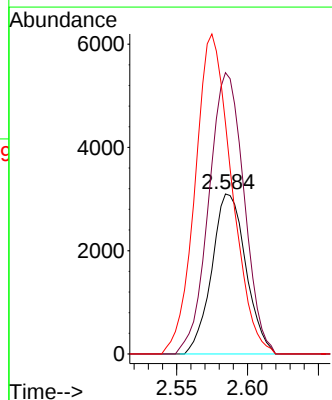
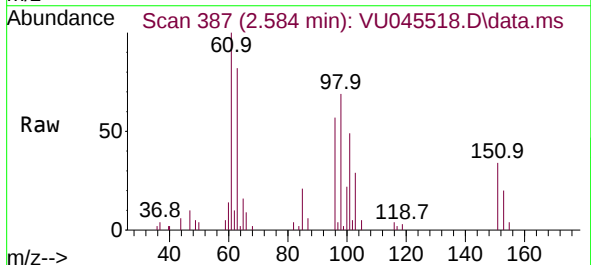
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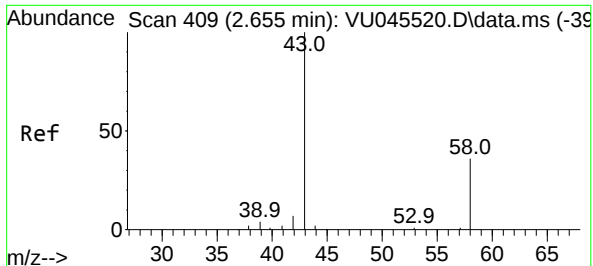
Tgt Ion:101 Resp: 5148
Ion Ratio Lower Upper
101 100
85 41.4 34.0 51.0
151 70.9 53.5 80.3



#12
1,1-Dichloroethene
Concen: 0.483 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion: 96 Resp: 5174
Ion Ratio Lower Upper
96 100
61 175.7 118.4 219.8
63 144.3 92.0 170.8





#13

Acetone

Concen: 4.020 ug/L

RT: 2.665 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

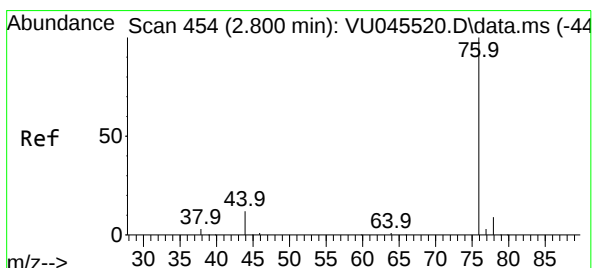
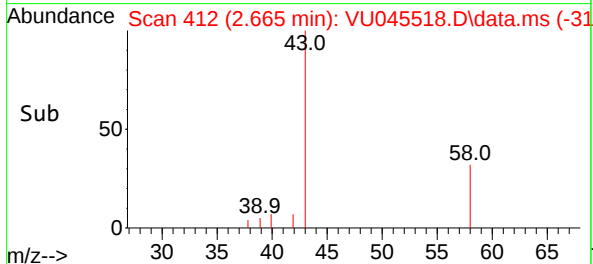
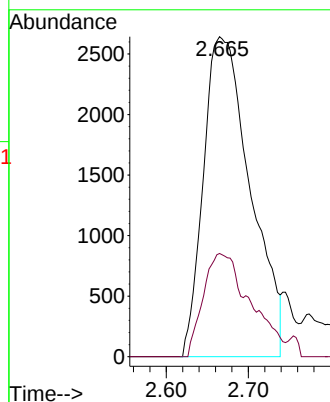
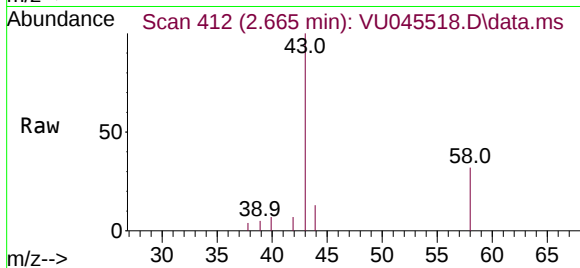
VSTD0.5028

Tgt Ion: 43 Resp: 10517

Ion Ratio Lower Upper

43 100

58 32.4 0.0 70.2



#14

Carbon disulfide

Concen: 0.547 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU045518.D

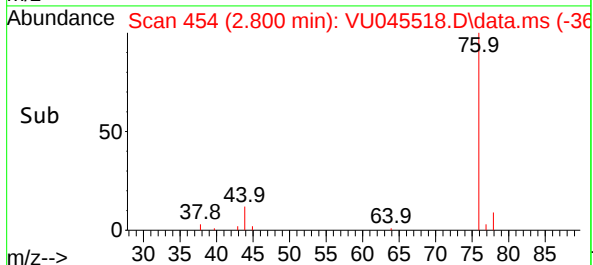
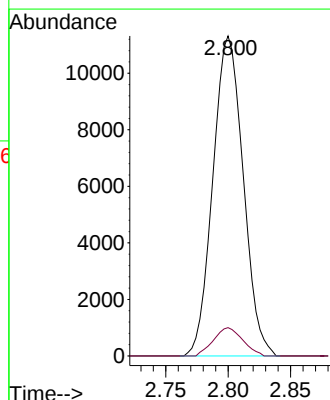
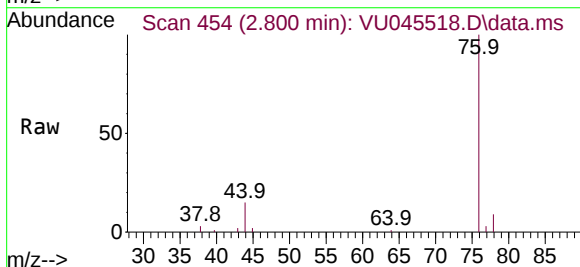
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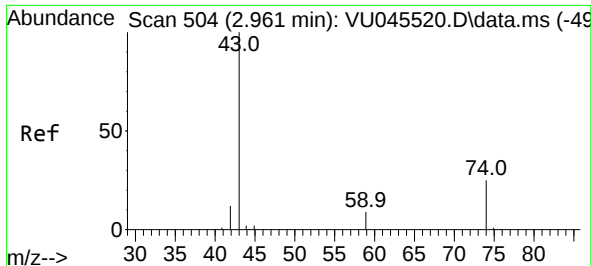
Tgt Ion: 76 Resp: 19154

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8

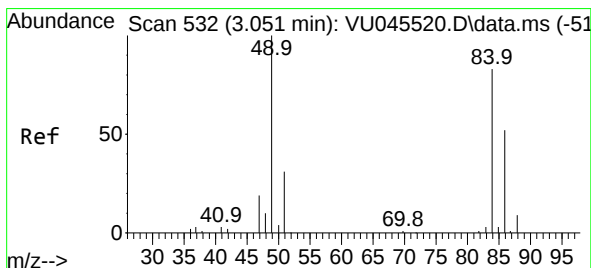
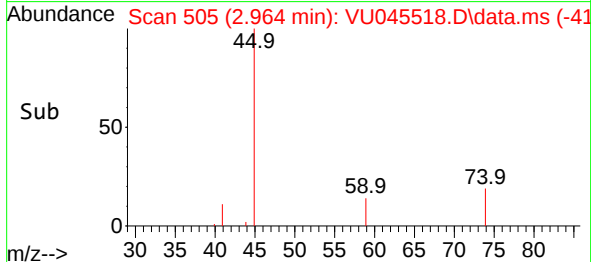
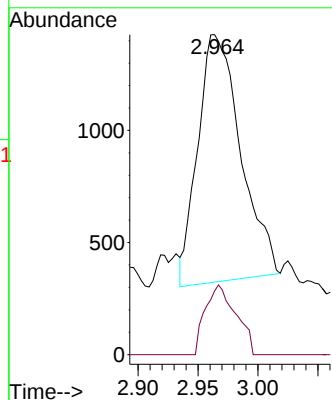
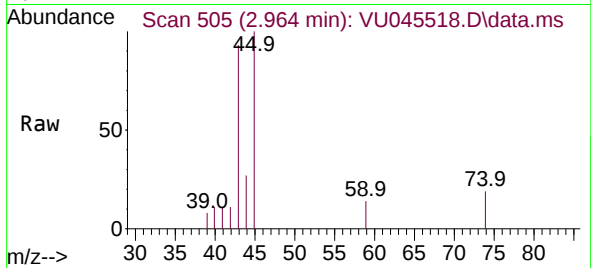




#15
Methyl Acetate
Concen: 0.538 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

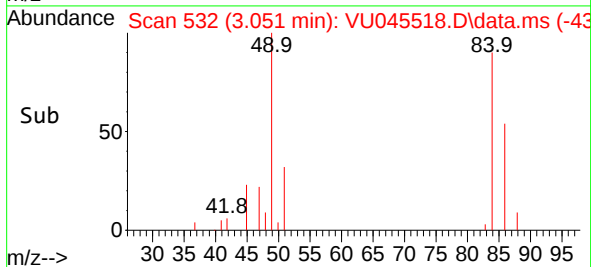
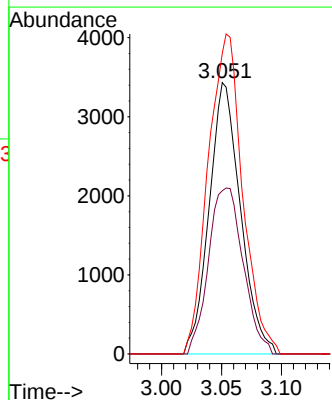
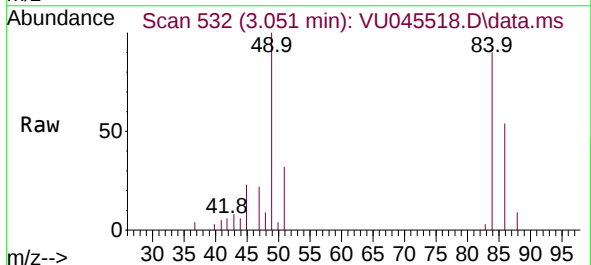
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

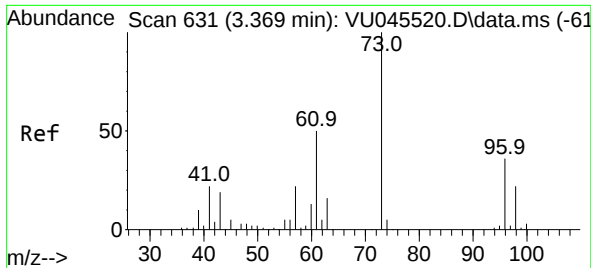
Tgt Ion: 43 Resp: 2745
Ion Ratio Lower Upper
43 100
74 20.1 20.0 30.0



#16
Methylene chloride
Concen: 0.382 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion: 84 Resp: 6234
Ion Ratio Lower Upper
84 100
86 60.2 43.8 81.3
49 110.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 0.482 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5028

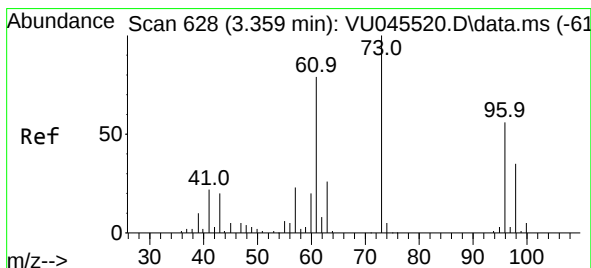
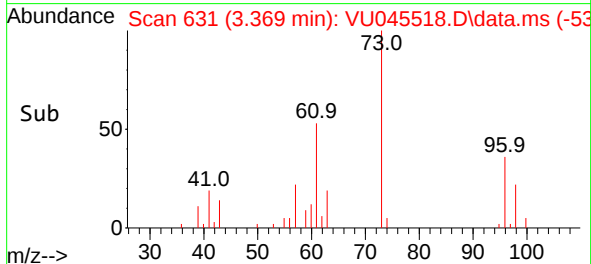
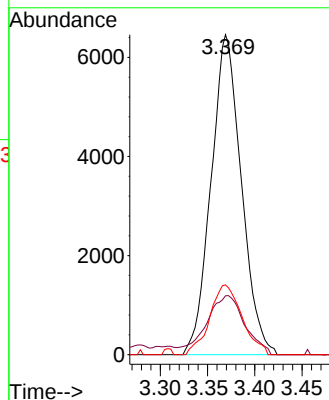
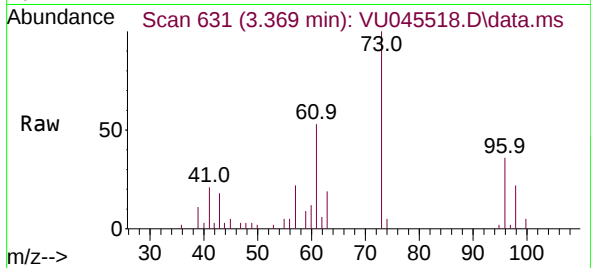
Tgt Ion: 73 Resp: 14399

Ion Ratio Lower Upper

73 100

43 23.5 15.8 23.6

57 23.3 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 0.504 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

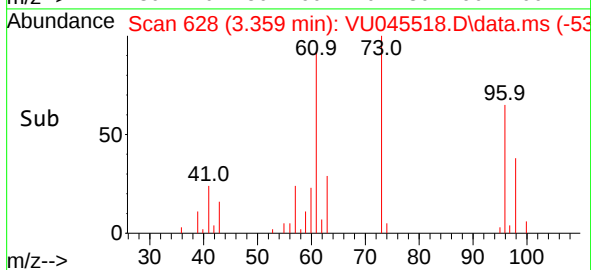
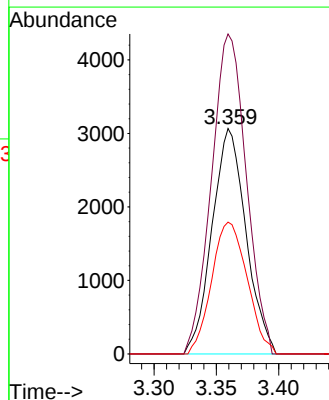
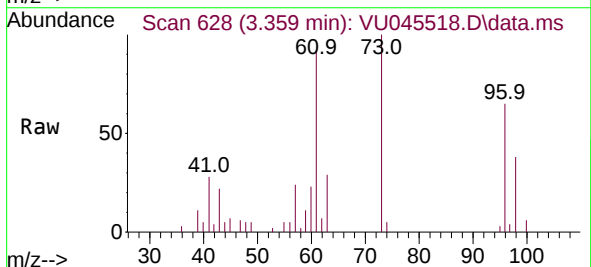
Tgt Ion: 96 Resp: 5812

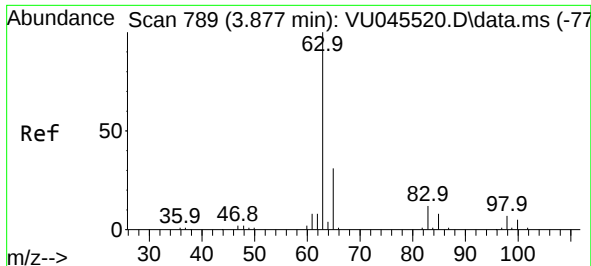
Ion Ratio Lower Upper

96 100

61 142.0 98.3 182.7

98 58.5 43.0 79.8

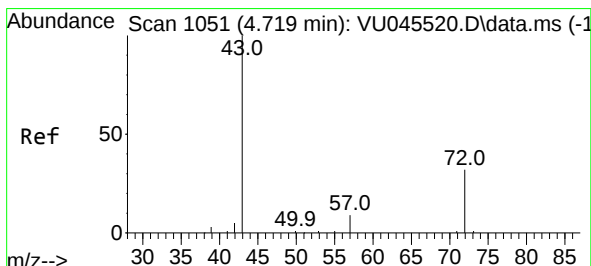
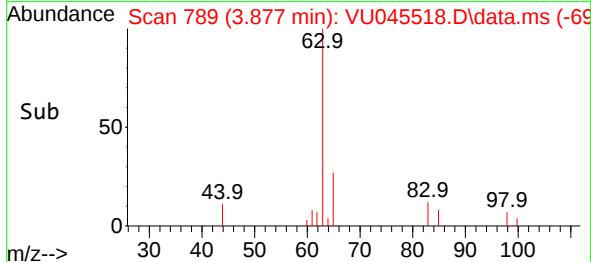
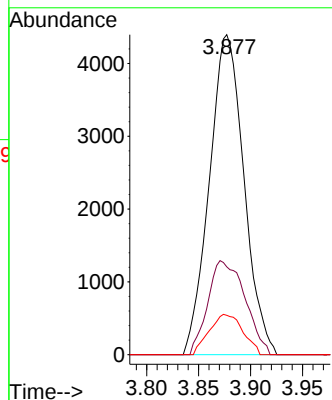
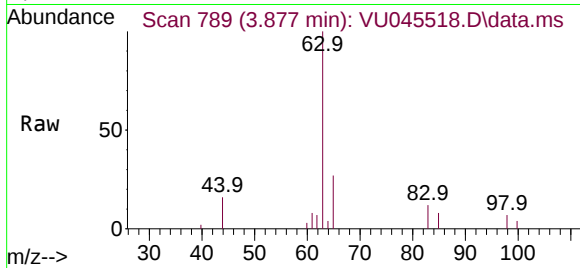




#19
1,1-Dichloroethane
Concen: 0.448 ug/L
RT: 3.877 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

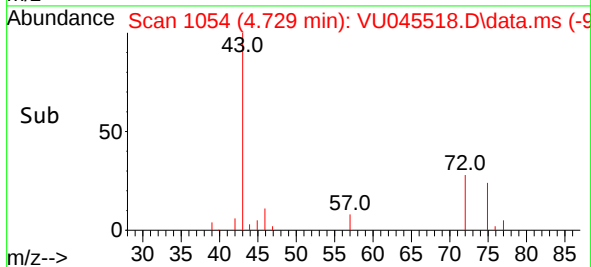
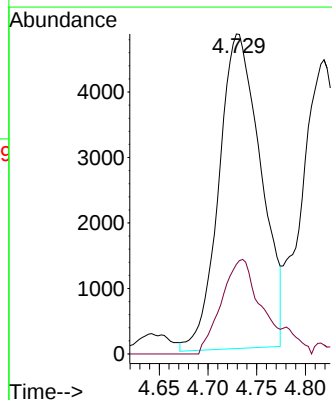
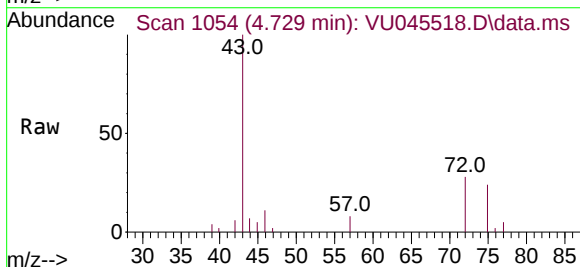
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

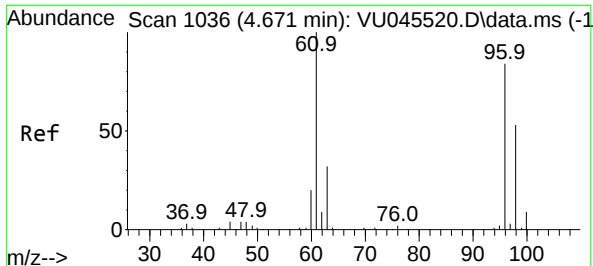
Tgt Ion:	63	Resp:	10175
Ion	Ratio	Lower	Upper
63	100		
65	27.5	21.5	39.9
83	12.3	8.4	15.6



#21
2-Butanone
Concen: 3.444 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.010 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion:	43	Resp:	14378
Ion	Ratio	Lower	Upper
43	100		
72	27.8	15.8	47.3





#22

cis-1,2-Dichloroethene

Concen: 0.481 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5028

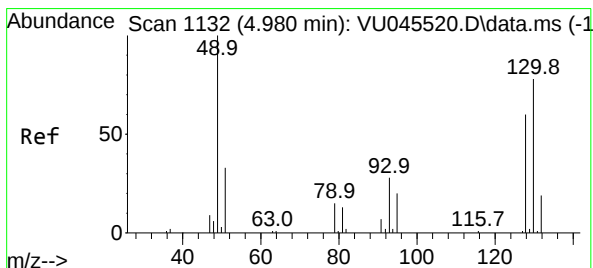
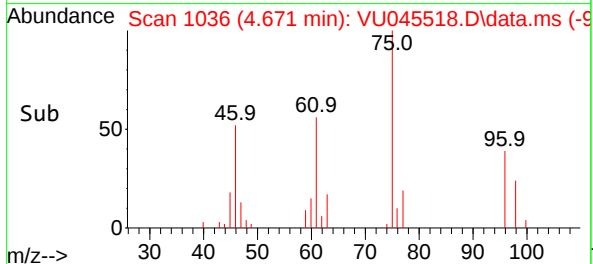
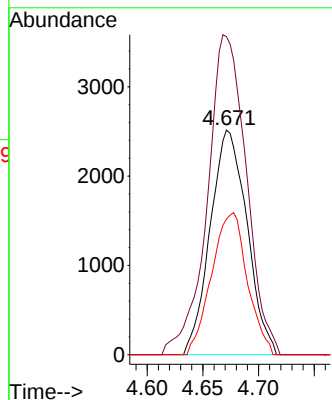
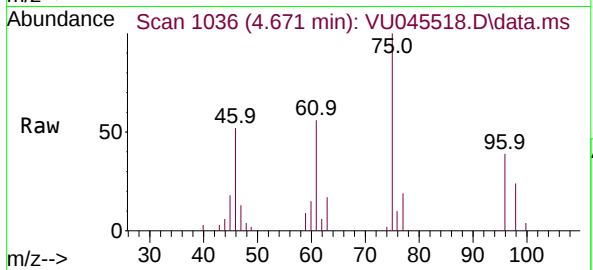
Tgt Ion: 96 Resp: 5772

Ion Ratio Lower Upper

96 100

61 141.6 83.4 155.0

98 60.3 44.0 81.8



#23

Bromochloromethane

Concen: 0.486 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Tgt Ion: 128 Resp: 2565

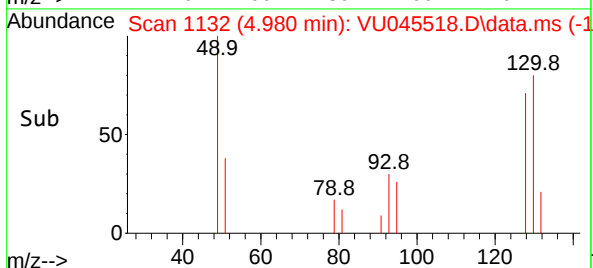
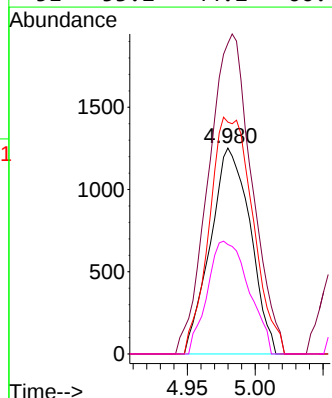
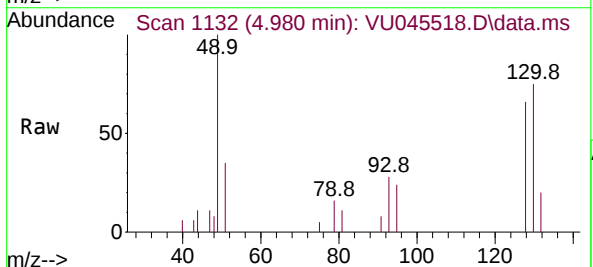
Ion Ratio Lower Upper

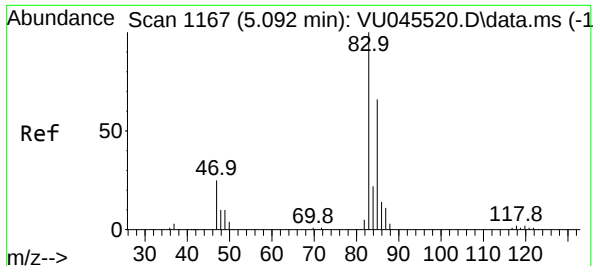
128 100

49 150.9 117.6 218.4

130 112.6 92.2 171.2

51 53.2 44.2 66.4





#25

Chloroform

Concen: 0.414 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

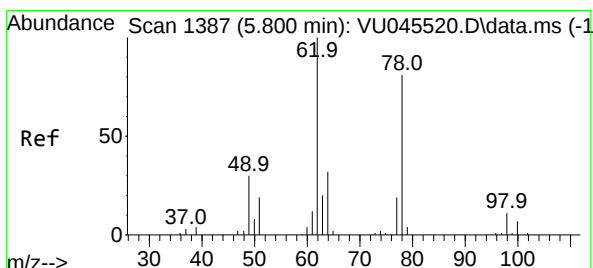
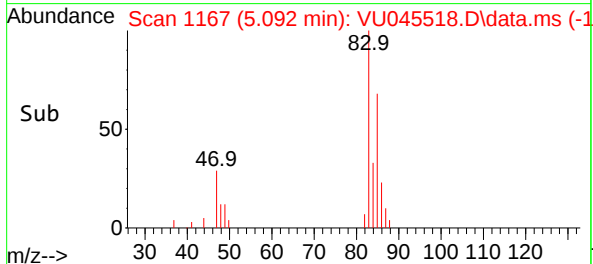
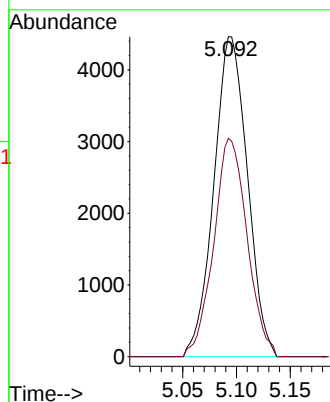
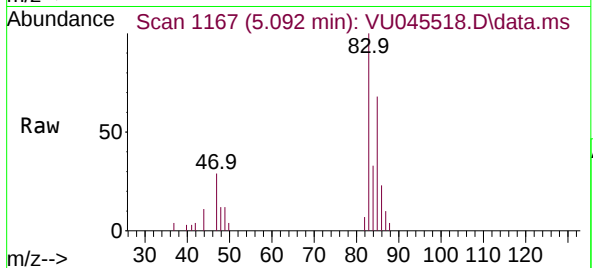
VSTD0.5028

Tgt Ion: 83 Resp: 9681

Ion Ratio Lower Upper

83 100

85 68.3 46.4 86.2



#27

1,2-Dichloroethane

Concen: 0.382 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045518.D

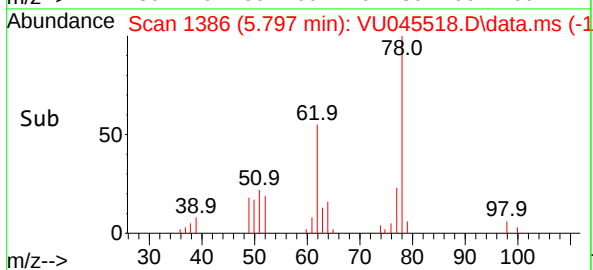
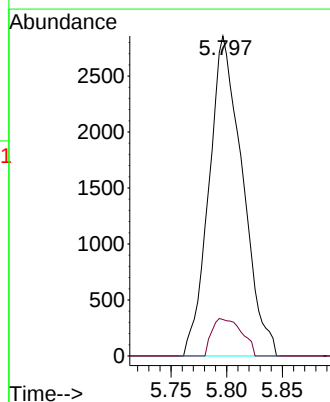
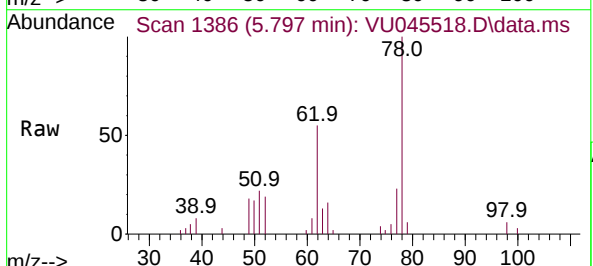
Acq: 03 Nov 2021 12:50

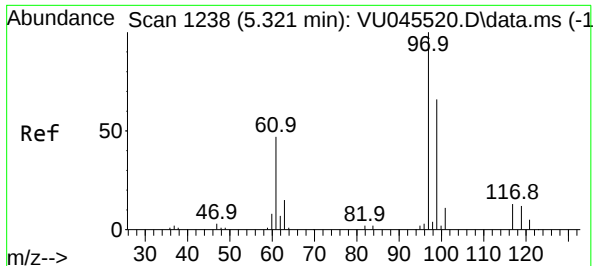
Tgt Ion: 62 Resp: 5969

Ion Ratio Lower Upper

62 100

98 11.4 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 0.428 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5028

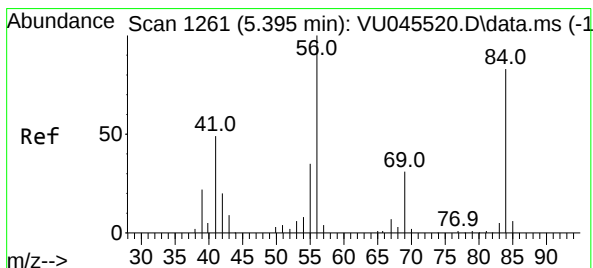
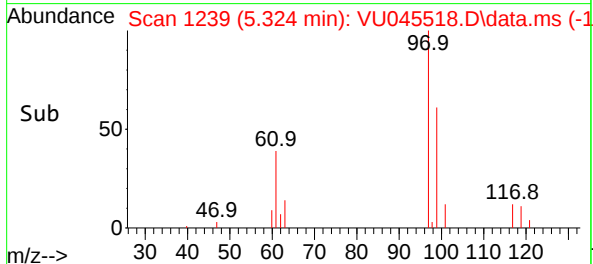
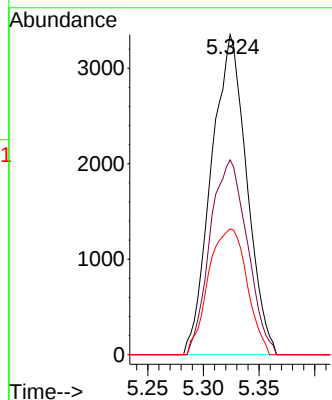
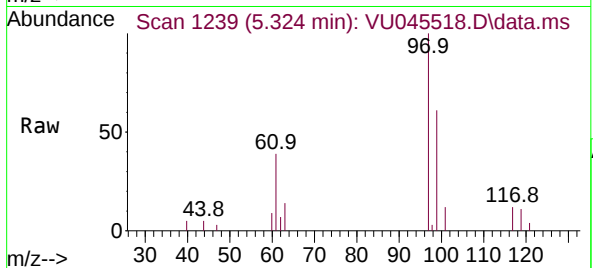
Tgt Ion: 97 Resp: 7400

Ion Ratio Lower Upper

97 100

99 64.0 52.6 79.0

61 42.8 37.1 55.7



#30

Cyclohexane

Concen: 0.469 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

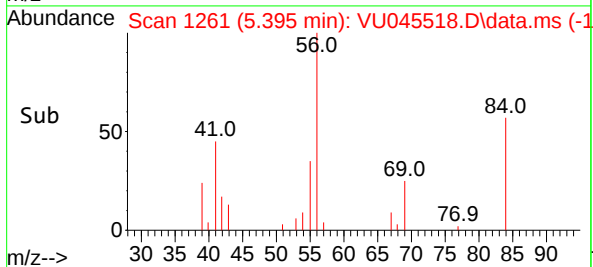
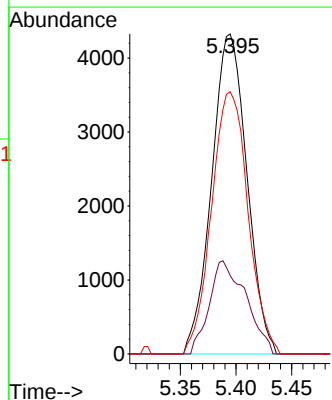
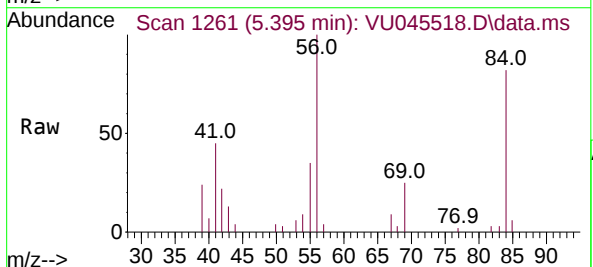
Tgt Ion: 56 Resp: 9520

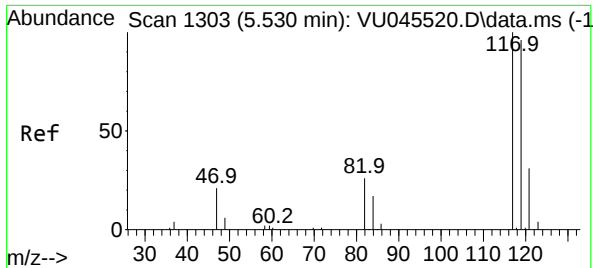
Ion Ratio Lower Upper

56 100

69 30.3 24.2 36.2

84 84.9 68.3 102.5

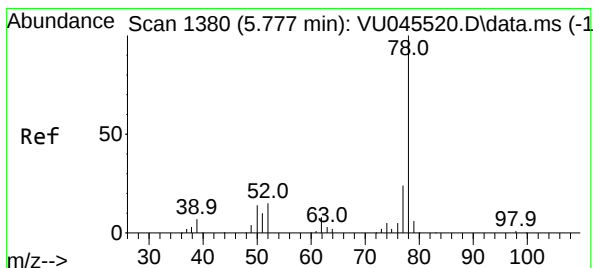
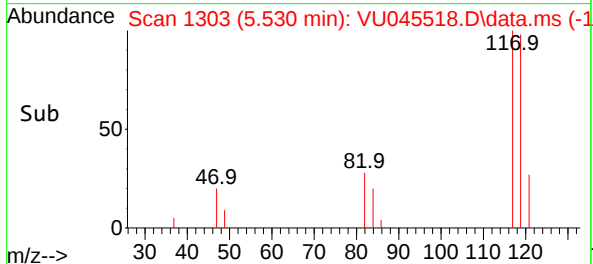
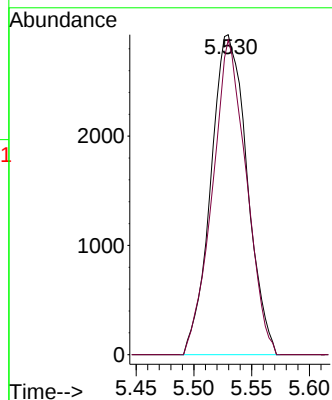
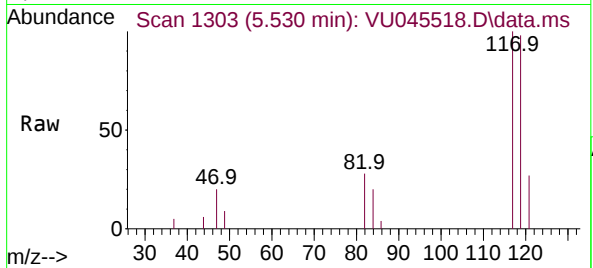




#31
Carbon tetrachloride
Concen: 0.469 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

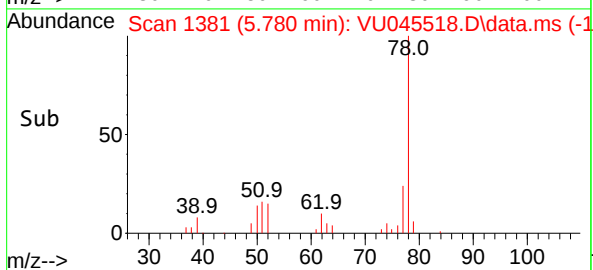
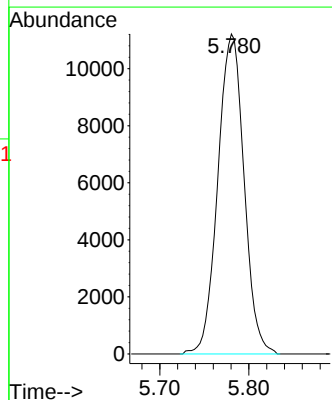
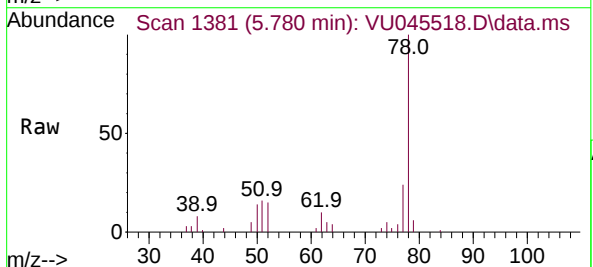
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

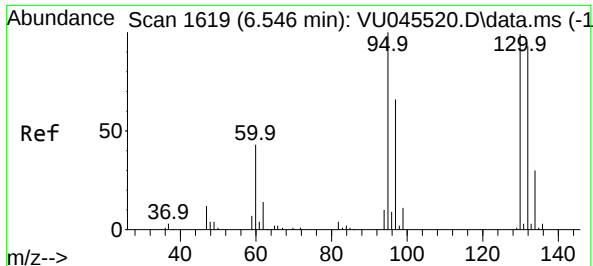
Tgt Ion:117 Resp: 6384
Ion Ratio Lower Upper
117 100
119 92.1 77.4 116.0



#33
Benzene
Concen: 0.478 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion: 78 Resp: 22922



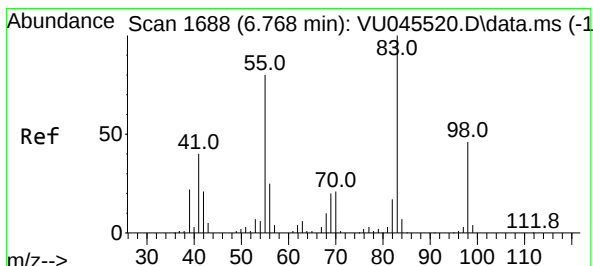
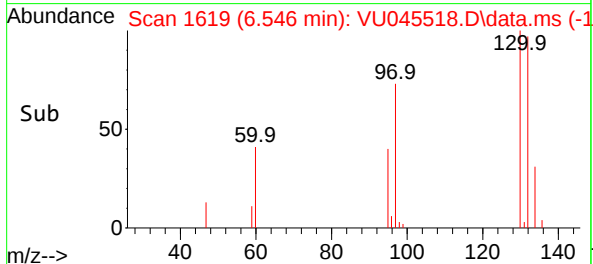
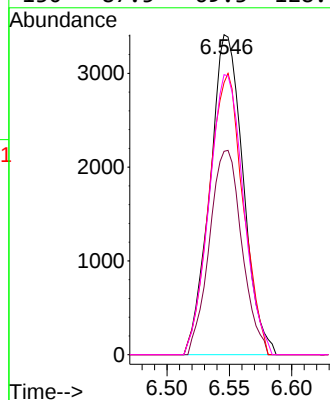
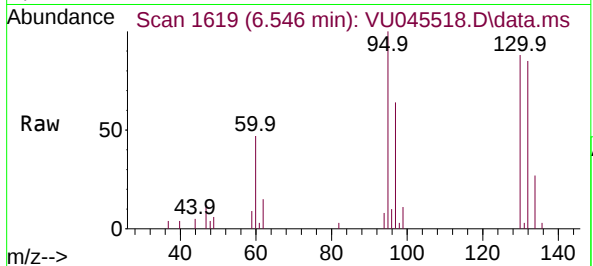


#34
Trichloroethene
Concen: 0.542 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

Tgt Ion: 95 Resp: 6323

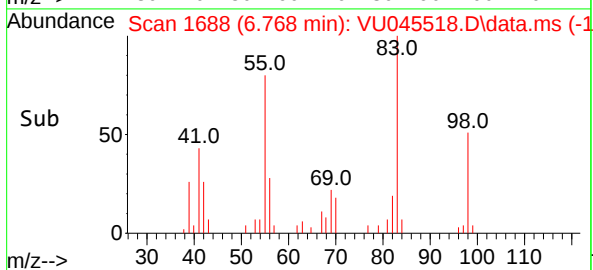
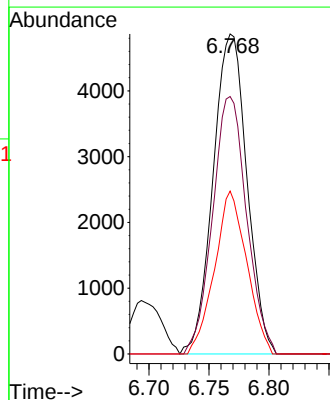
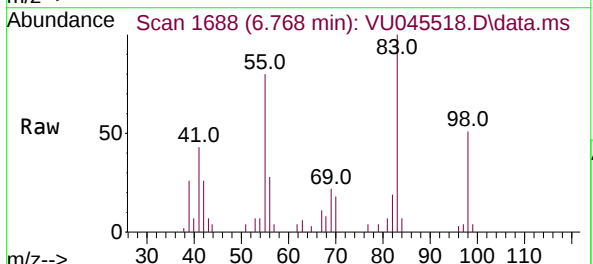
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.5	86.3
132	85.0	65.4	121.4
130	87.5	69.3	128.7

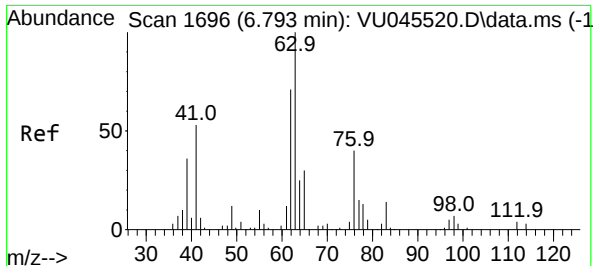


#35
Methylcyclohexane
Concen: 0.485 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion: 83 Resp: 9563

Ion	Ratio	Lower	Upper
83	100		
55	80.8	63.9	95.9
98	48.4	37.4	56.2

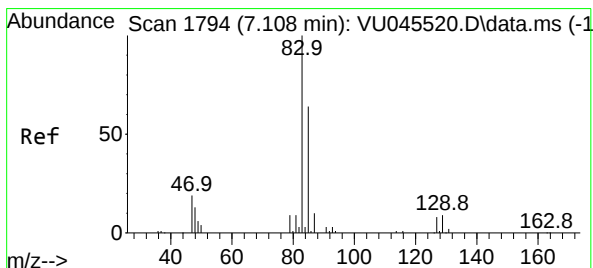
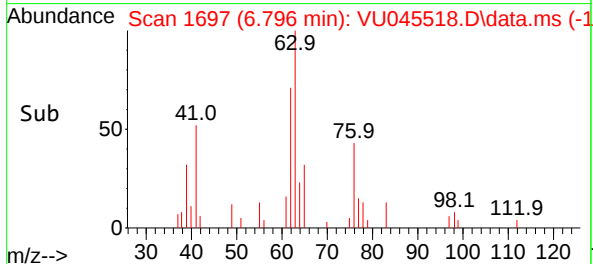
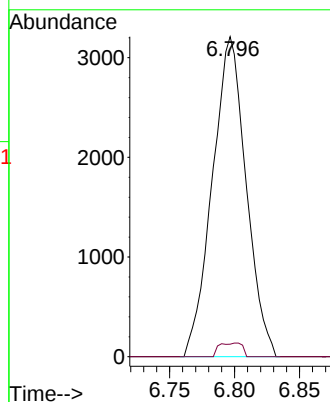
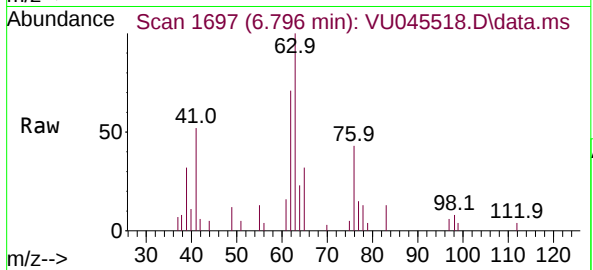




#37
1,2-Dichloropropane
Concen: 0.455 ug/L
RT: 6.796 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

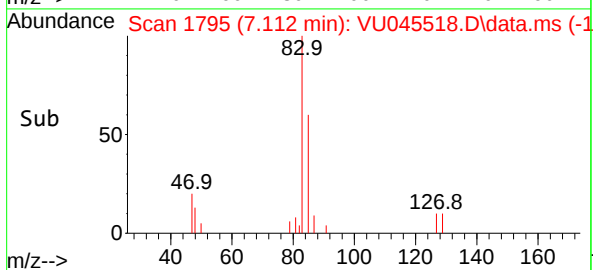
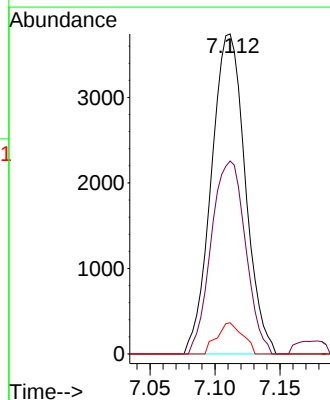
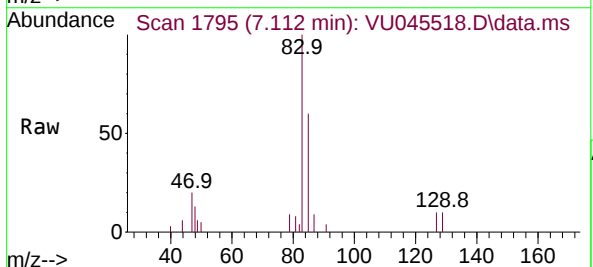
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

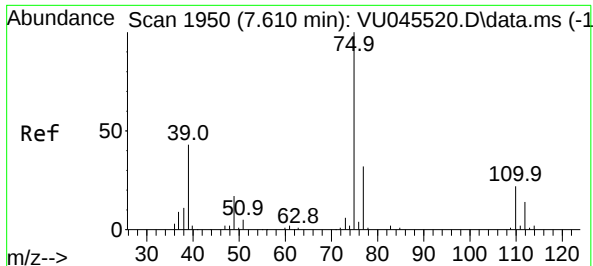
Tgt Ion: 63 Resp: 5810
Ion Ratio Lower Upper
63 100
112 2.9 3.5 5.3#



#38
Bromodichloromethane
Concen: 0.444 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion: 83 Resp: 6785
Ion Ratio Lower Upper
83 100
85 60.3 44.7 82.9
127 9.8 6.2 9.4#





#39

cis-1,3-Dichloropropene

Concen: 0.452 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

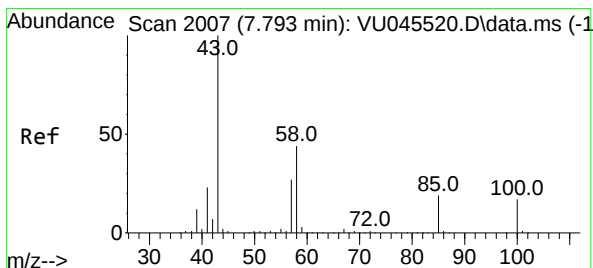
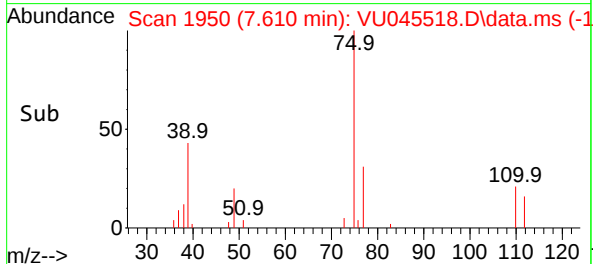
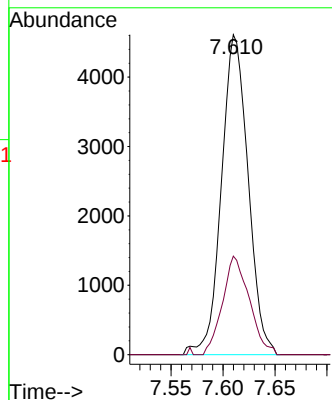
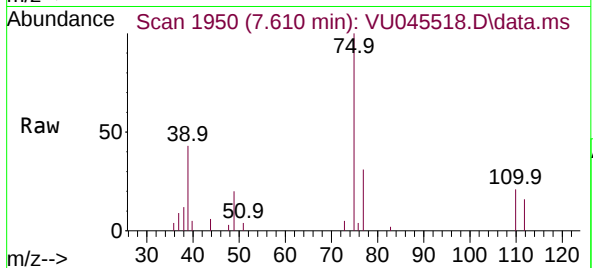
VSTD0.5028

Tgt Ion: 75 Resp: 8235

Ion Ratio Lower Upper

75 100

77 30.8 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 3.879 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

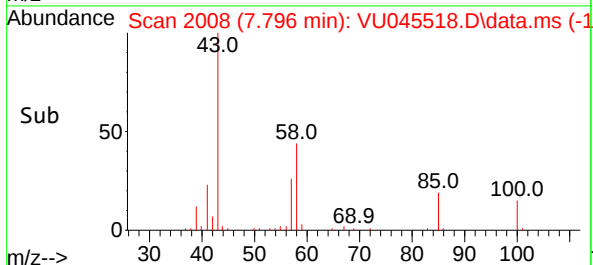
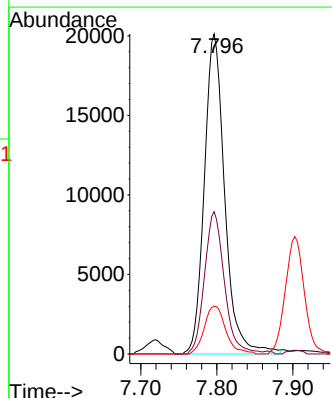
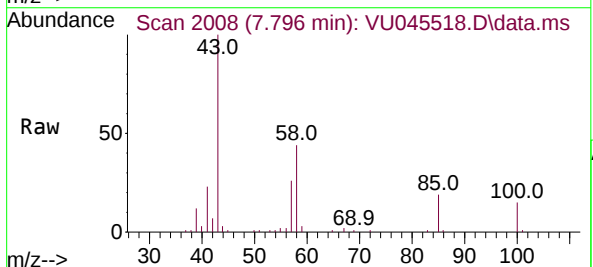
Tgt Ion: 43 Resp: 37573

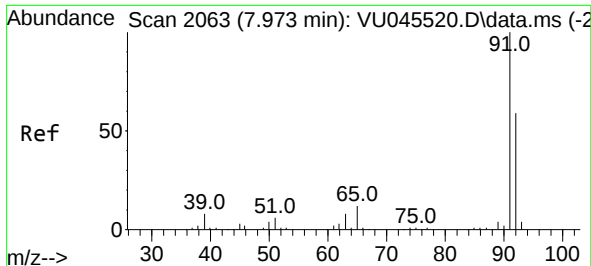
Ion Ratio Lower Upper

43 100

58 43.2 35.0 52.6

100 15.6 13.6 20.4





#42

Toluene

Concen: 0.474 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

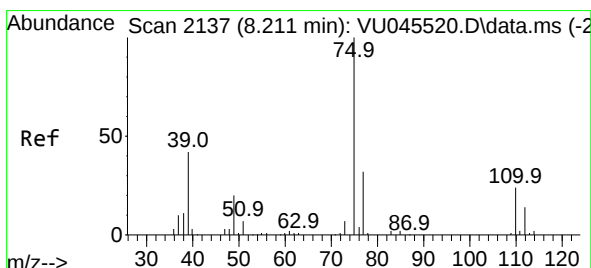
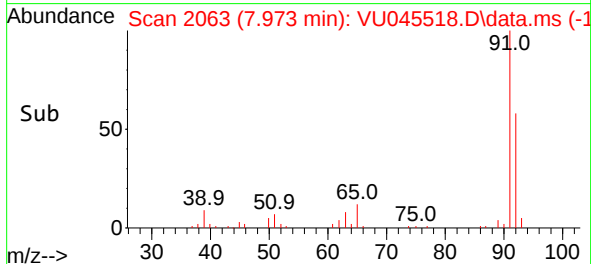
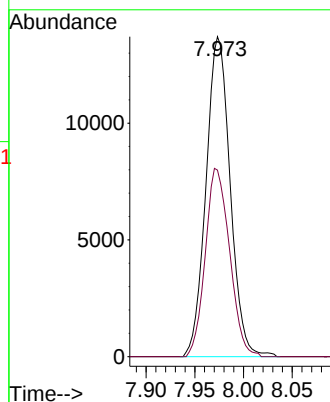
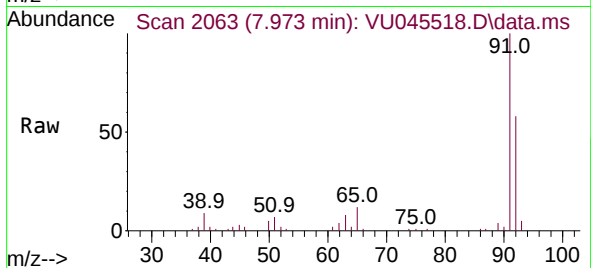
VSTD0.5028

Tgt Ion: 91 Resp: 23693

Ion Ratio Lower Upper

91 100

92 58.3 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 0.451 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU045518.D

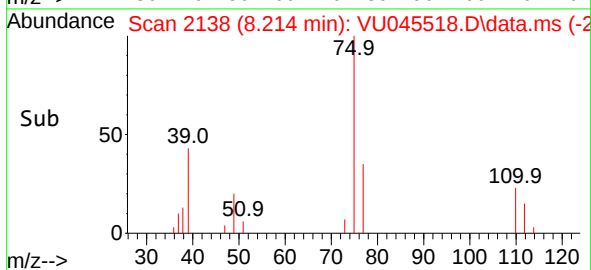
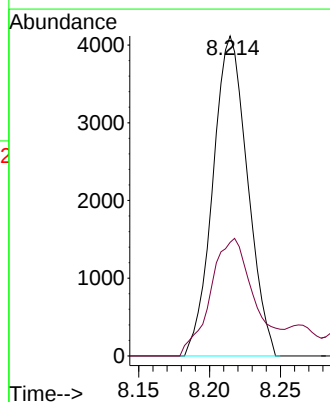
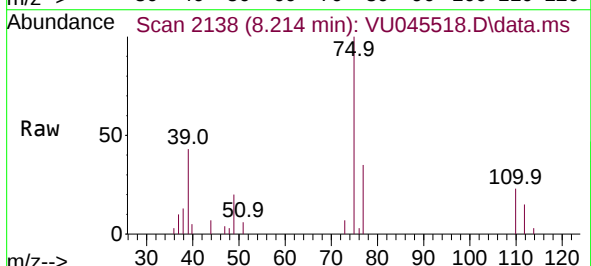
Acq: 03 Nov 2021 12:50

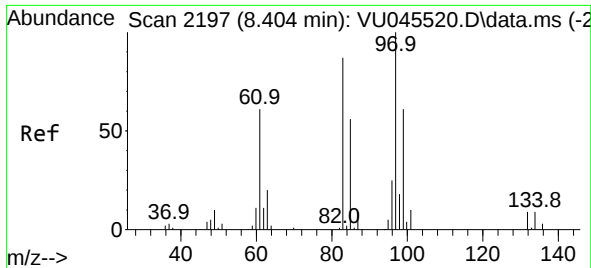
Tgt Ion: 75 Resp: 6989

Ion Ratio Lower Upper

75 100

77 35.5 22.5 41.7

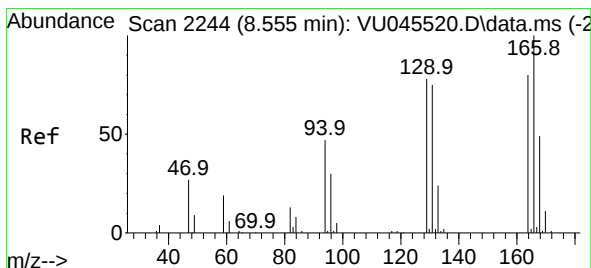
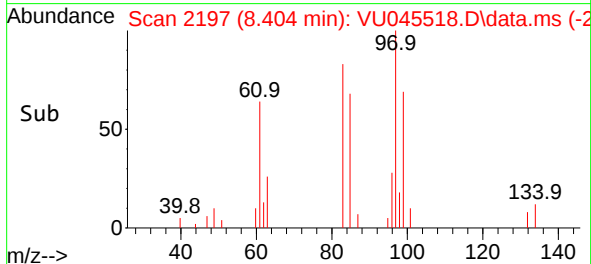
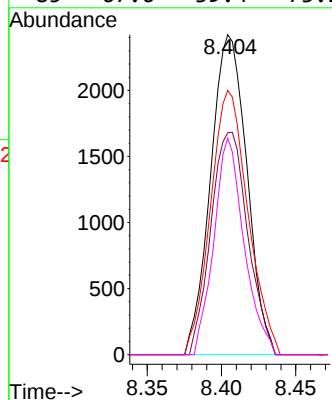
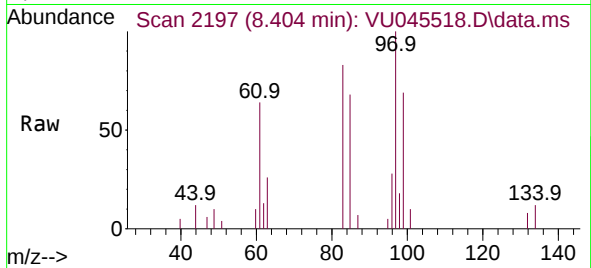




#45
1,1,2-Trichloroethane
Concen: 0.451 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

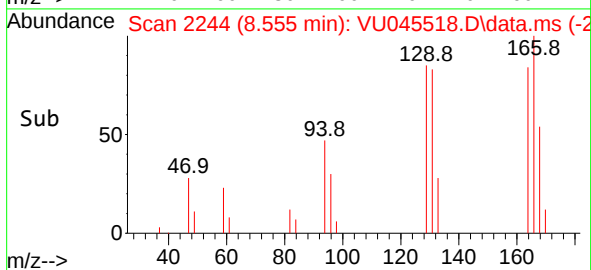
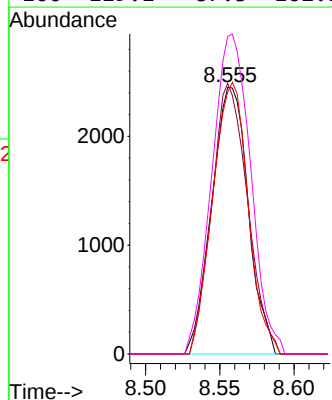
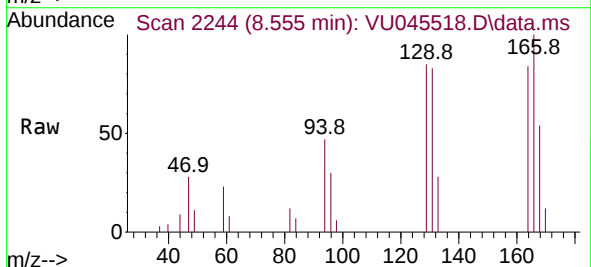
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

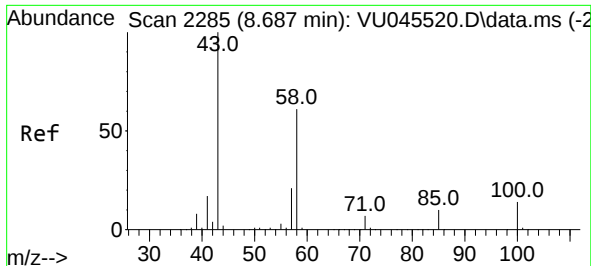
Tgt Ion:	97	Resp:	4114
Ion	Ratio	Lower	Upper
97	100		
99	69.3	42.4	78.6
83	82.6	60.6	112.6
85	67.6	39.4	73.2



#47
Tetrachloroethene
Concen: 0.508 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion:	164	Resp:	4196
Ion	Ratio	Lower	Upper
164	100		
129	101.5	68.1	126.5
131	98.3	65.3	121.3
166	119.1	87.3	162.1

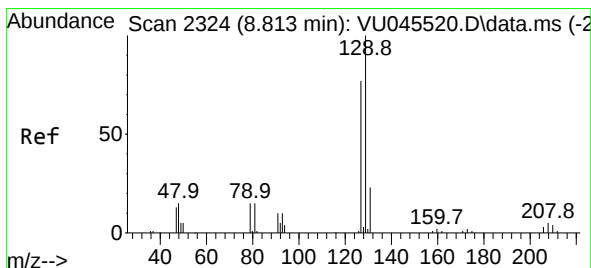
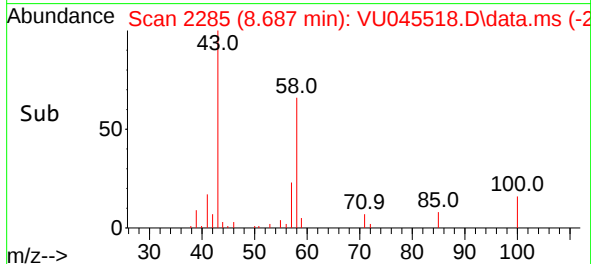
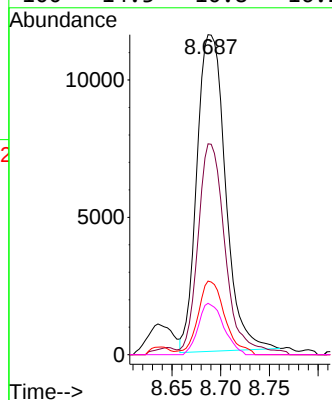
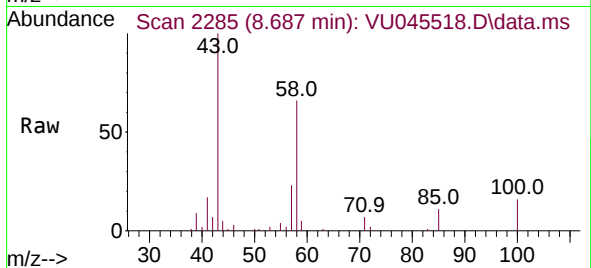




#48
2-Hexanone
Concen: 3.271 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

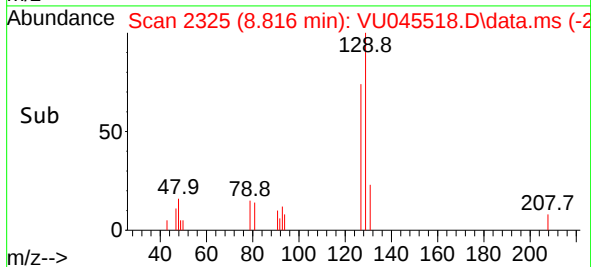
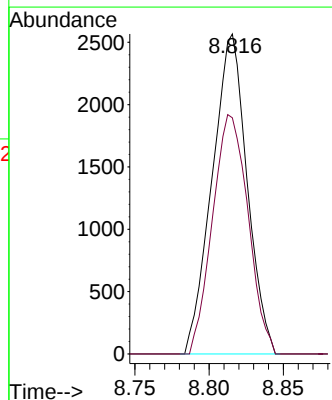
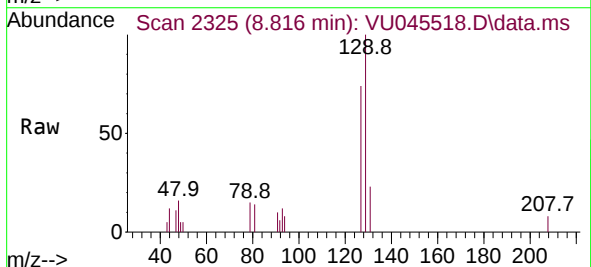
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

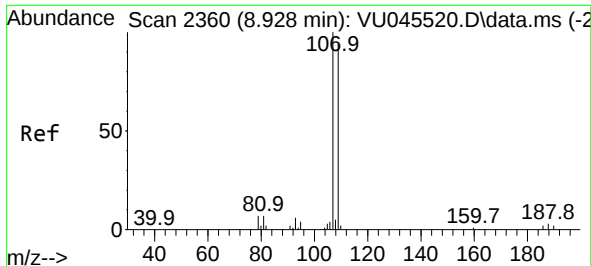
Tgt Ion: 43	Resp: 23556
Ion Ratio	Lower Upper
43 100	
58 63.7	47.7 71.5
57 22.0	16.6 25.0
100 14.3	10.8 16.2



#49
Dibromochloromethane
Concen: 0.442 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion:129	Resp:	4201	
Ion	Ratio	Lower	Upper
129	100		
127	73.8	53.6	99.6





#50

1,2-Dibromoethane

Concen: 0.456 ug/L

RT: 8.928 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5028

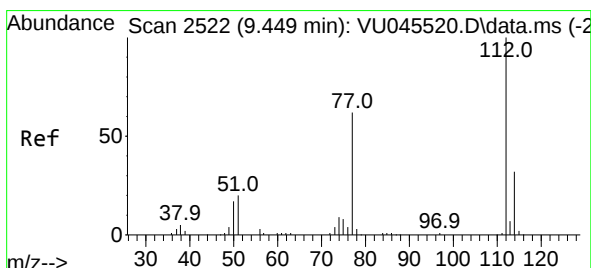
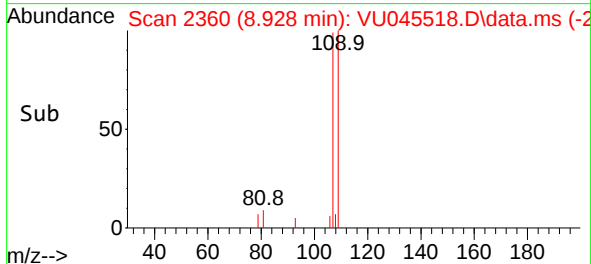
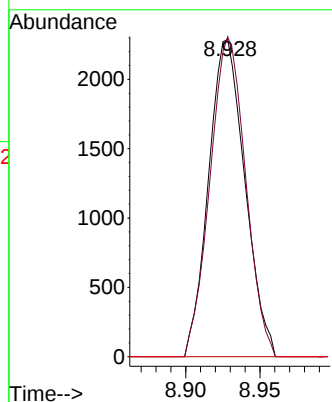
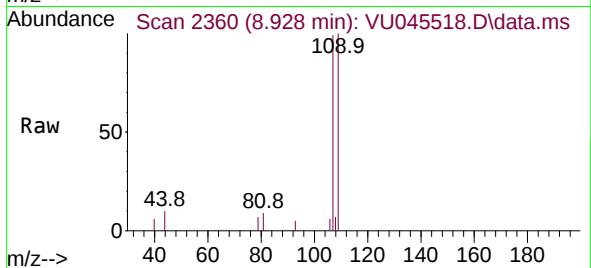
Tgt Ion:107 Resp: 3885

Ion Ratio Lower Upper

107 100

109 100.9 65.5 121.6

188 0.0 2.6 4.0#



#51

Chlorobenzene

Concen: 0.486 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

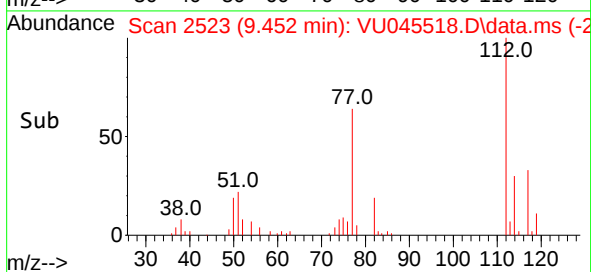
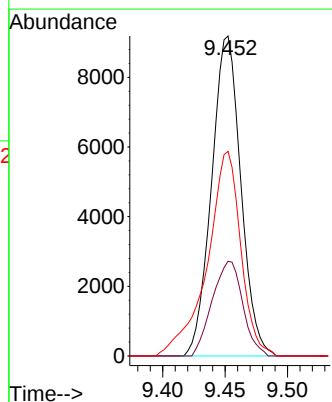
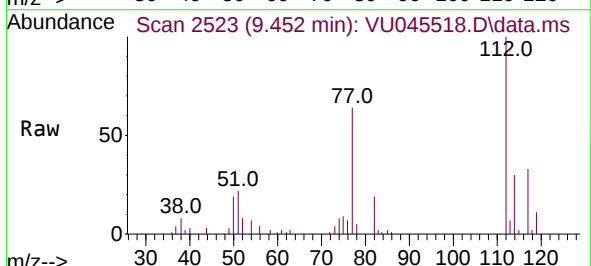
Tgt Ion:112 Resp: 15016

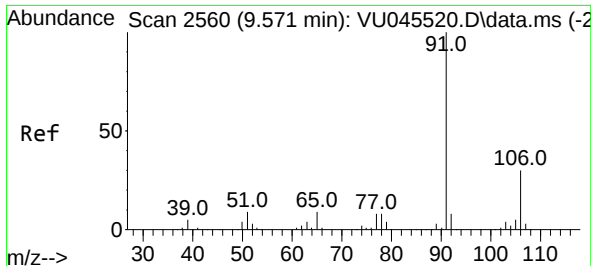
Ion Ratio Lower Upper

112 100

114 29.6 22.3 41.5

77 63.9 49.5 74.3

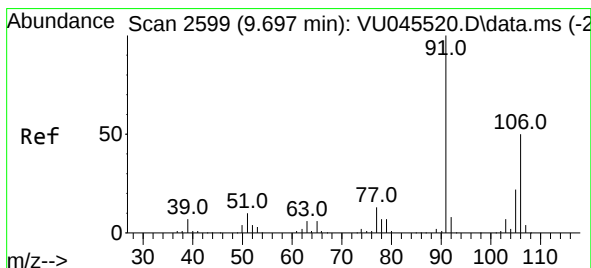
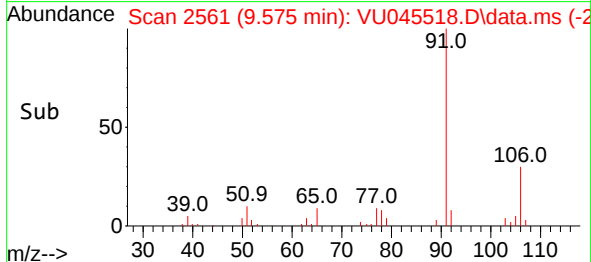
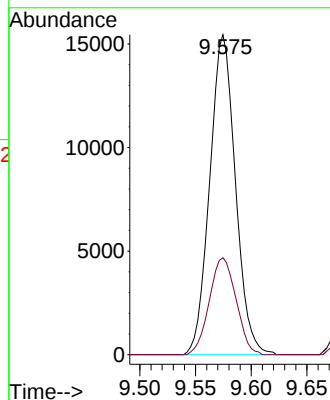
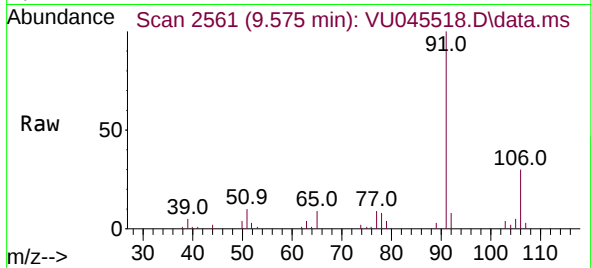




#52
Ethylbenzene
Concen: 0.461 ug/L
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

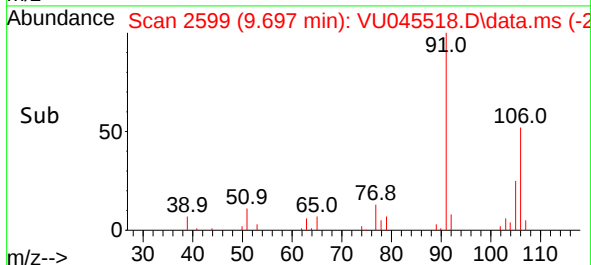
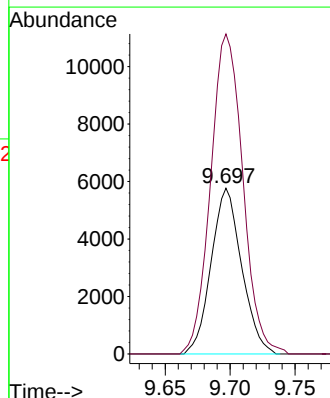
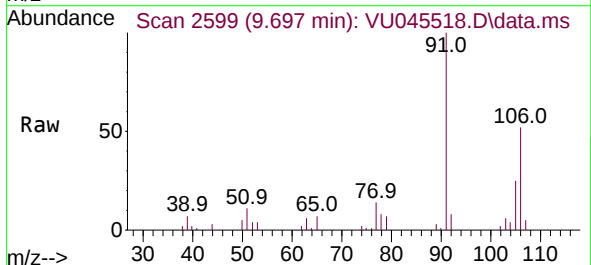
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

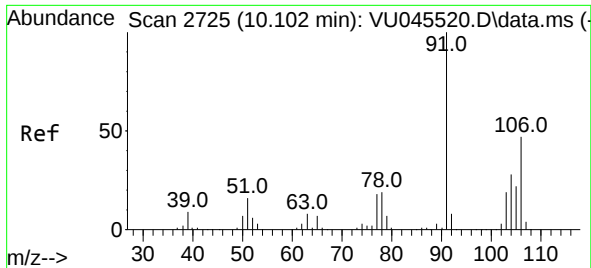
Tgt Ion: 91 Resp: 24778
Ion Ratio Lower Upper
91 100
106 30.3 20.9 38.9



#53
m,p-Xylene
Concen: 0.460 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion: 106 Resp: 9406
Ion Ratio Lower Upper
106 100
91 193.1 141.6 263.0

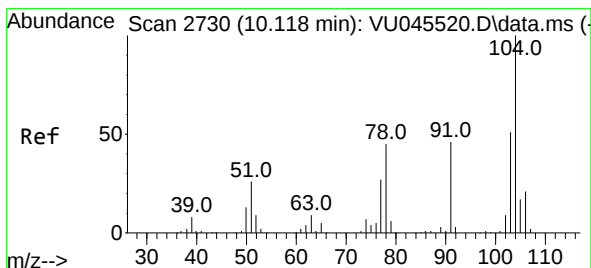
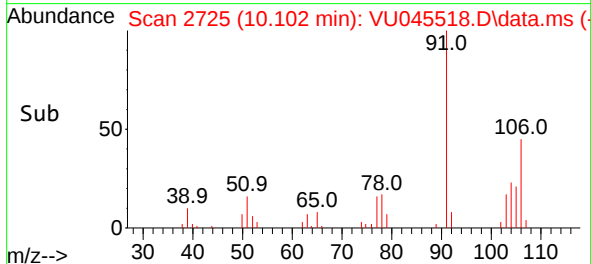
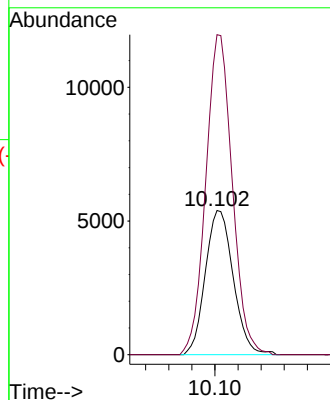
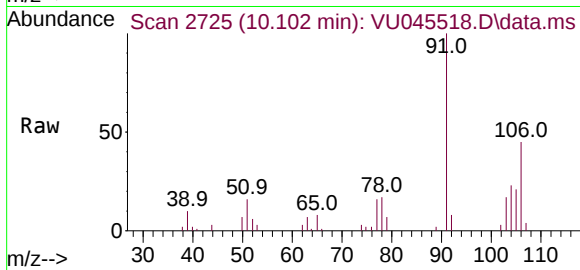




#54
o-Xylene
Concen: 0.463 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

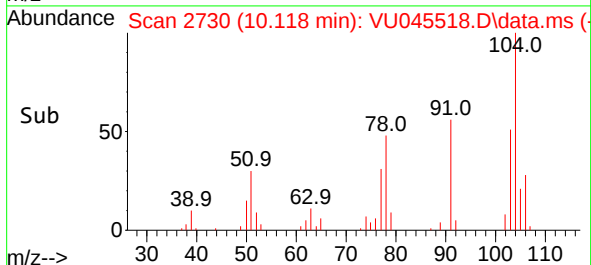
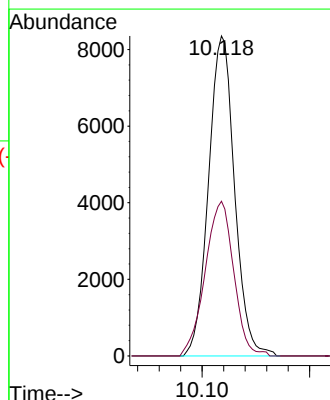
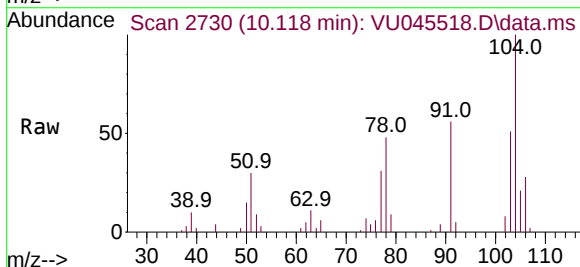
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

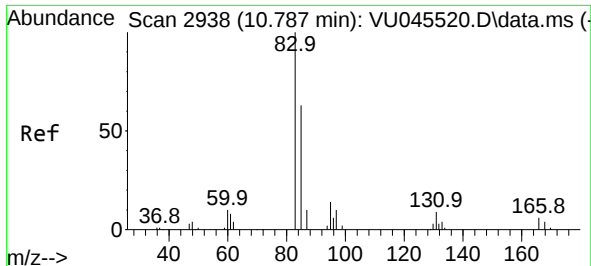
Tgt Ion:106 Resp: 9067
Ion Ratio Lower Upper
106 100
91 221.9 148.8 276.4



#55
Styrene
Concen: 0.416 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion:104 Resp: 14055
Ion Ratio Lower Upper
104 100
78 48.4 31.5 58.5

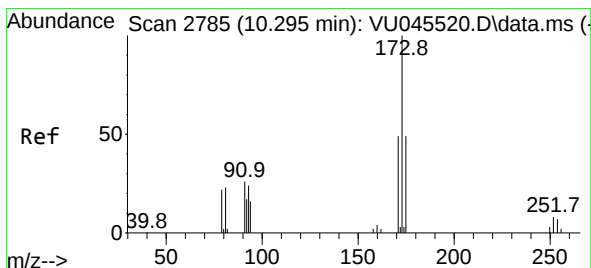
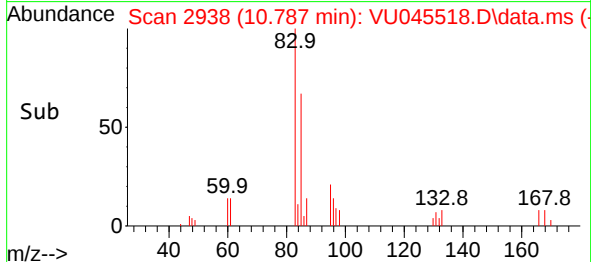
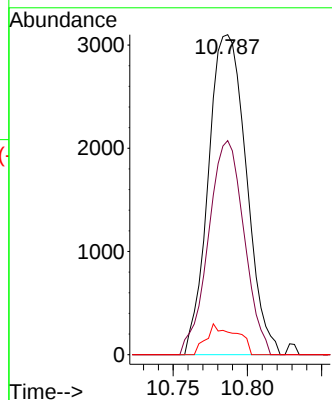
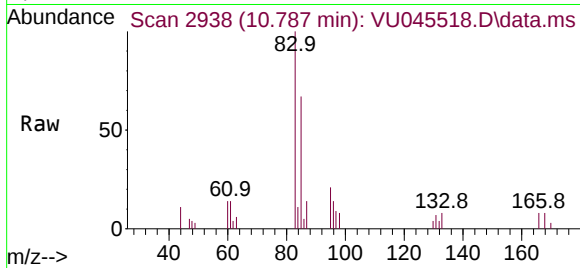




#57
1,1,2,2-Tetrachloroethane
Concen: 0.453 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

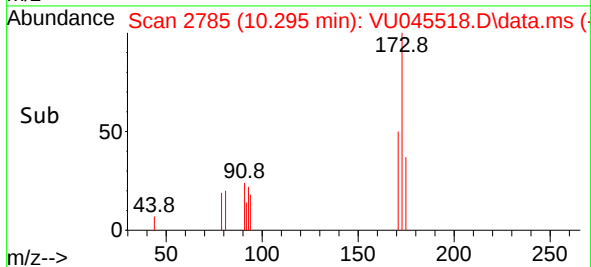
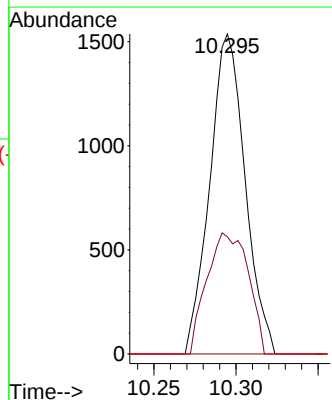
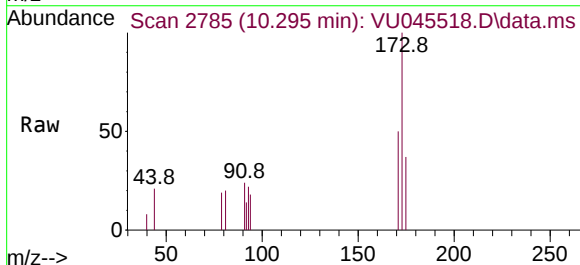
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

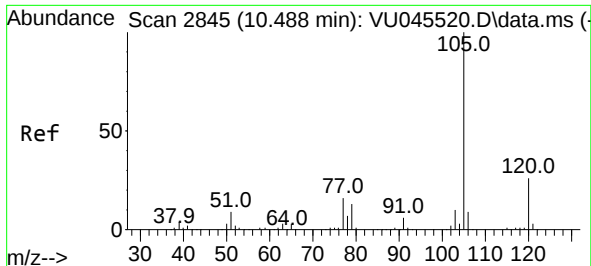
Tgt Ion: 83 Resp: 5504
Ion Ratio Lower Upper
83 100
85 66.9 44.9 83.5
131 7.1 7.5 11.3#



#59
Bromoform
Concen: 0.488 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion:173 Resp: 2295
Ion Ratio Lower Upper
173 100
175 44.4 38.3 57.5
254 0.0 5.6 8.4#

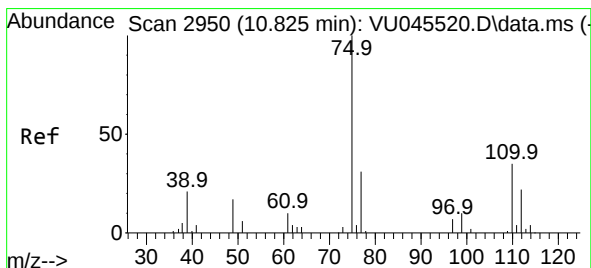
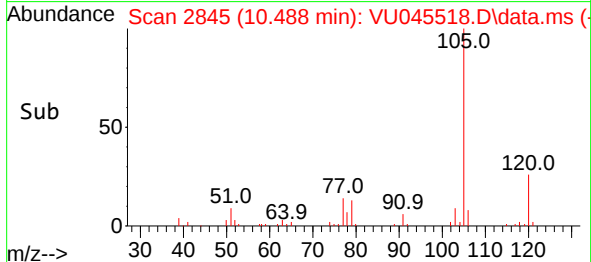
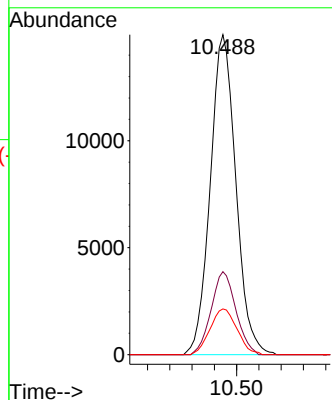
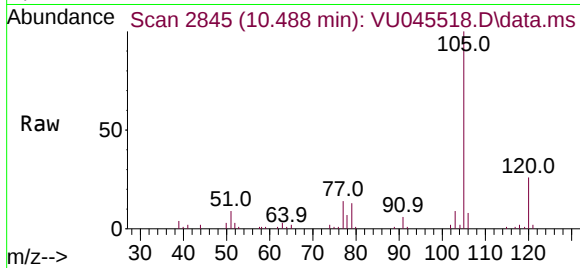




#60
Isopropylbenzene
Concen: 0.498 ug/L
RT: 10.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

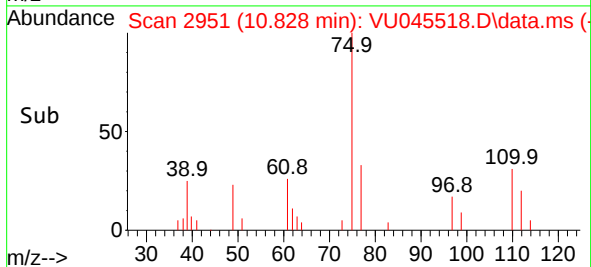
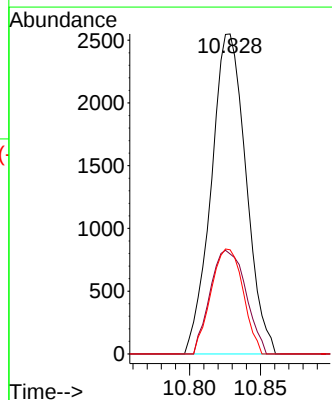
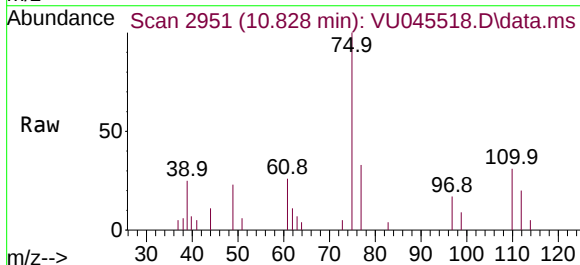
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

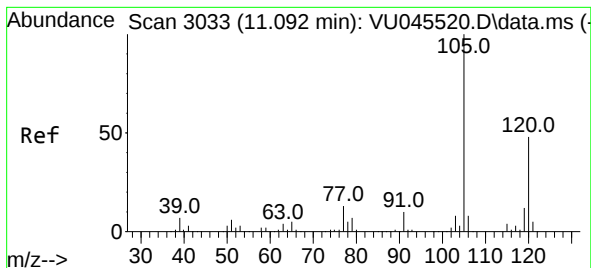
Tgt Ion:	105	Resp:	23848
Ion Ratio	Lower	Upper	
105	100		
120	25.1	20.6	30.8
77	15.1	12.6	19.0



#61
1,2,3-Trichloropropane
Concen: 0.516 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion:	75	Resp:	4343
Ion Ratio	Lower	Upper	
75	100		
110	33.2	28.4	42.6
77	30.4	25.1	37.7





#62

1,3,5-Trimethylbenzene

Concen: 0.462 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

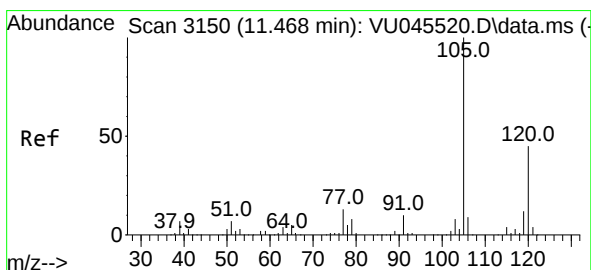
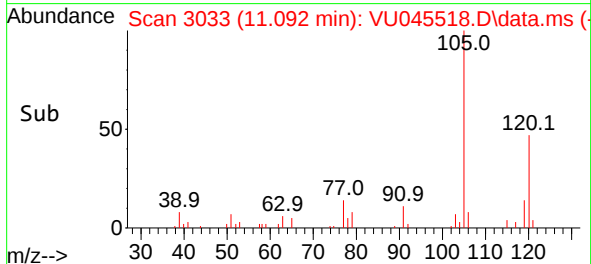
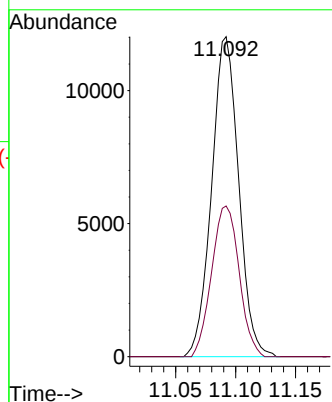
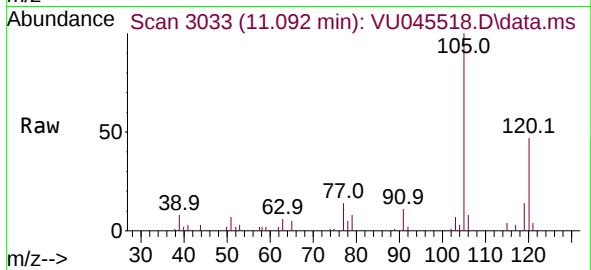
VSTD0.5028

Tgt Ion:105 Resp: 18796

Ion Ratio Lower Upper

105 100

120 48.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.447 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU045518.D

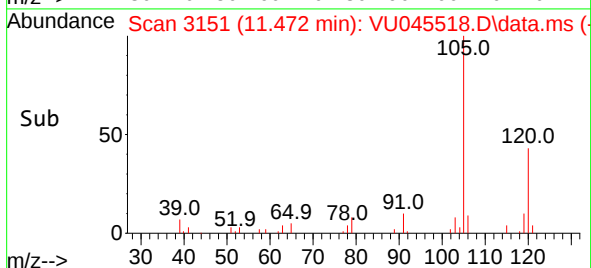
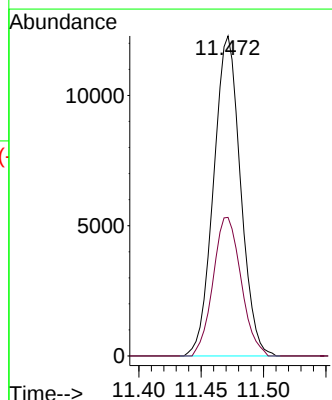
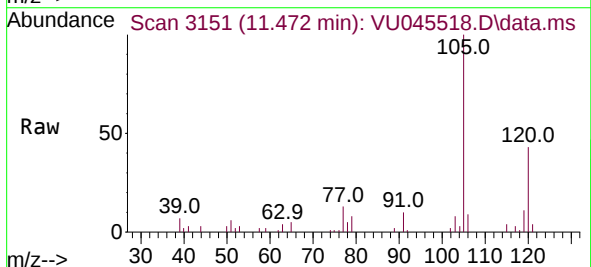
Acq: 03 Nov 2021 12:50

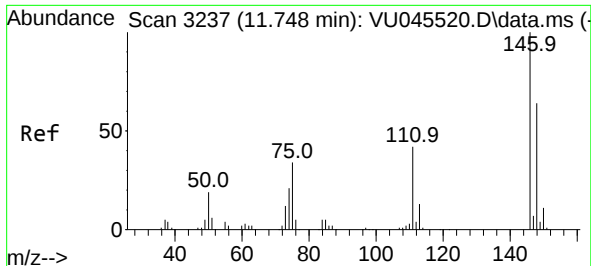
Tgt Ion:105 Resp: 18486

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.2

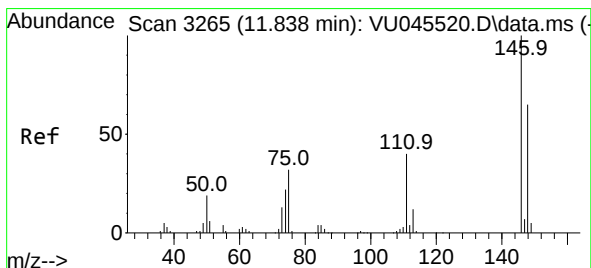
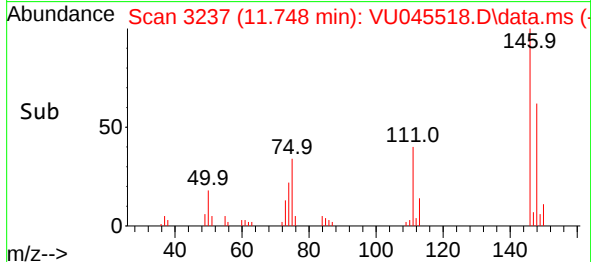
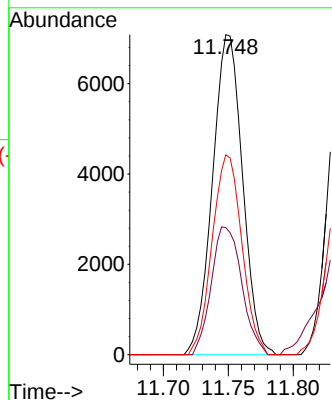
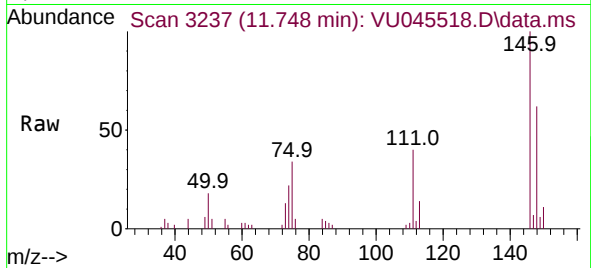




#64
1,3-Dichlorobenzene
Concen: 0.504 ug/L
RT: 11.748 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

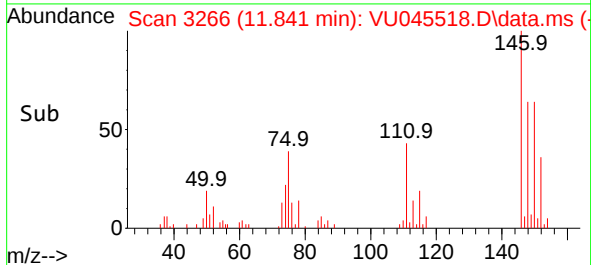
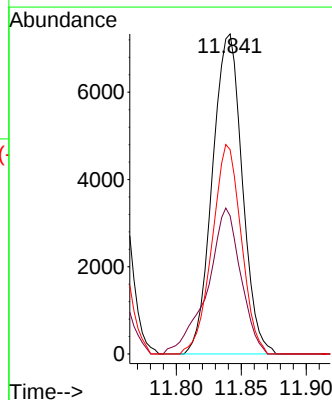
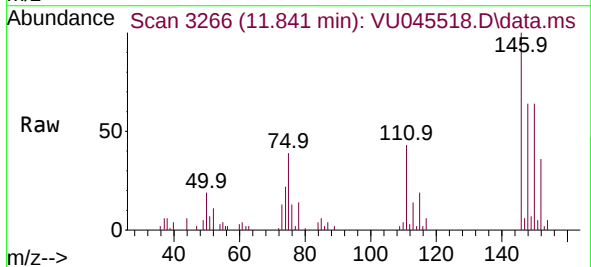
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

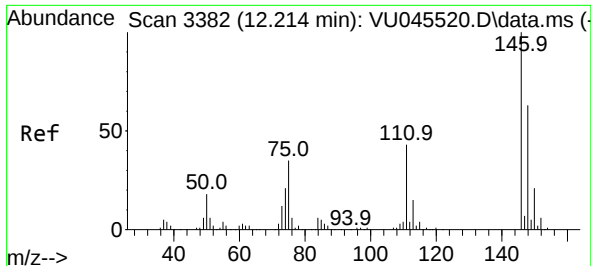
Tgt Ion:146 Resp: 11362
Ion Ratio Lower Upper
146 100
111 39.7 29.4 54.6
148 62.5 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 0.506 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion:146 Resp: 11700
Ion Ratio Lower Upper
146 100
111 43.1 28.3 52.5
148 63.8 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 0.511 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5028

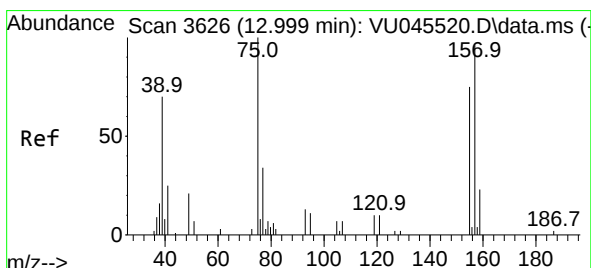
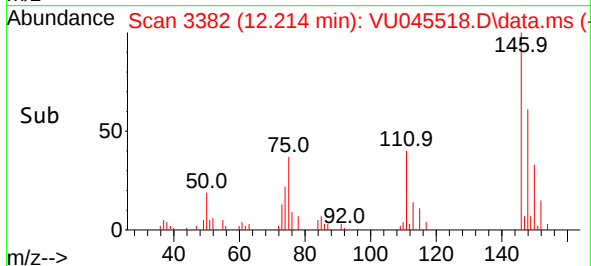
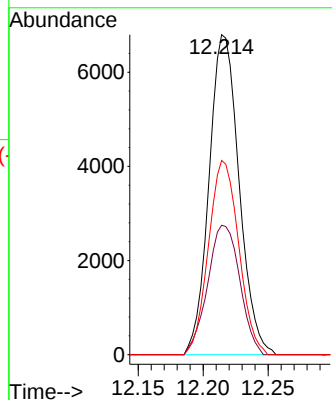
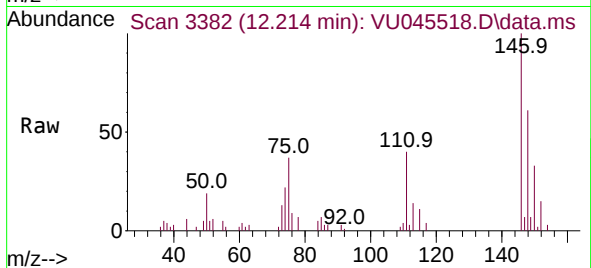
Tgt Ion:146 Resp: 10919

Ion Ratio Lower Upper

146 100

111 40.5 34.2 51.2

148 60.7 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 0.465 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045518.D

Acq: 03 Nov 2021 12:50

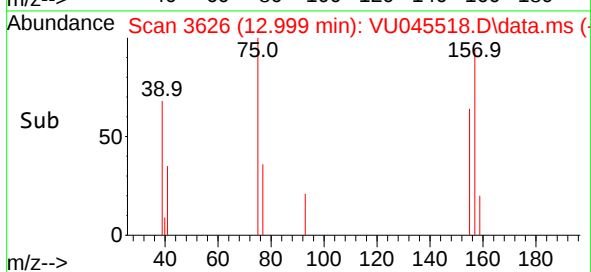
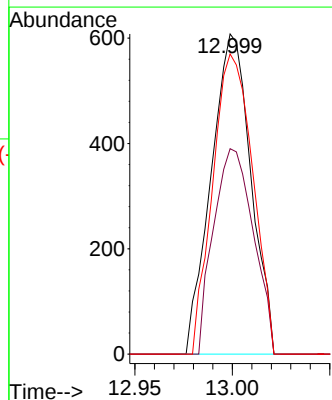
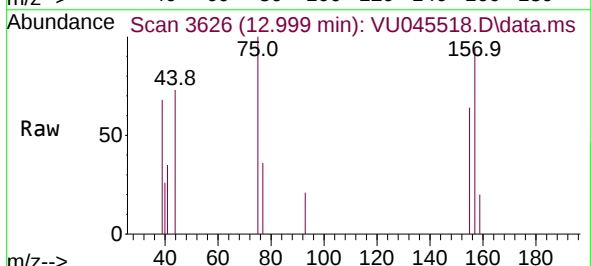
Tgt Ion: 75 Resp: 865

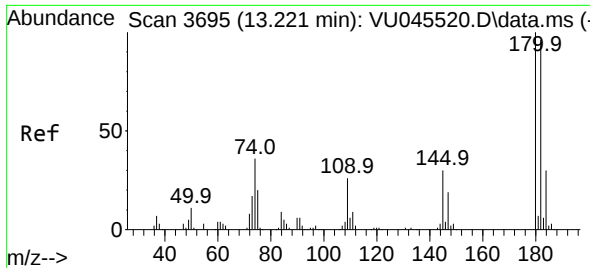
Ion Ratio Lower Upper

75 100

155 64.1 60.1 90.1

157 93.8 76.5 114.7

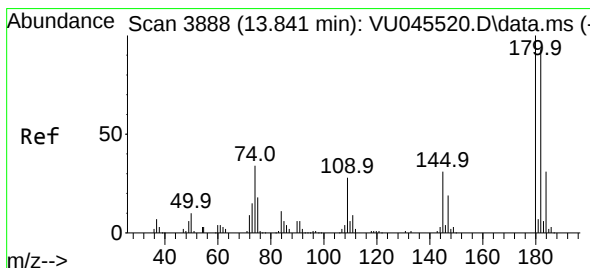
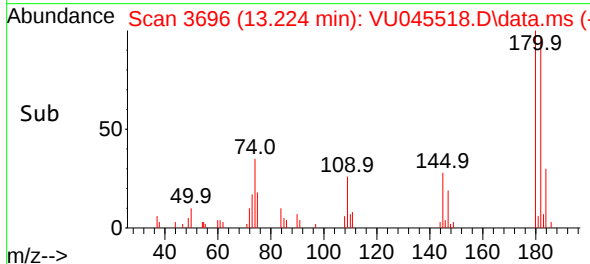
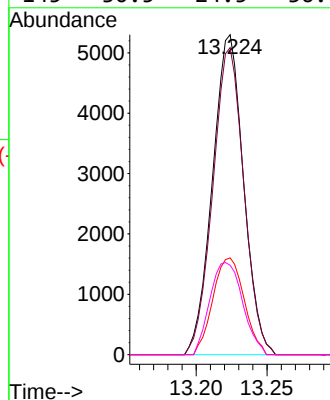
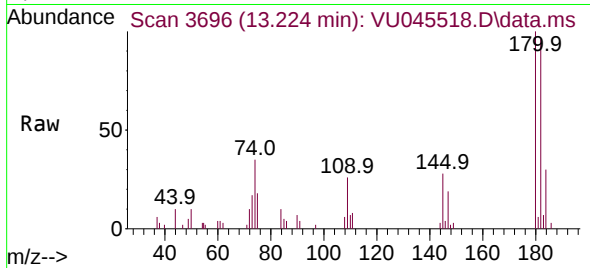




#69
 1,3,5-Trichlorobenzene
 Concen: 0.469 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.003 min
 Lab File: VU045518.D
 Acq: 03 Nov 2021 12:50

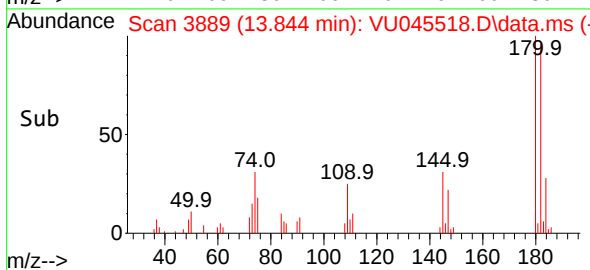
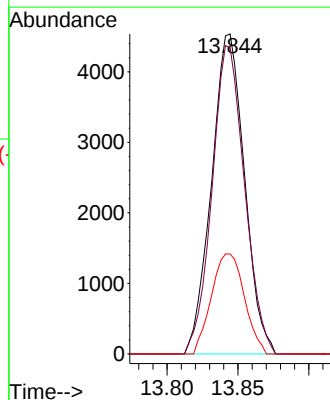
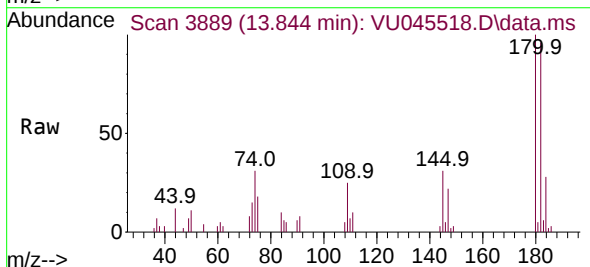
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5028

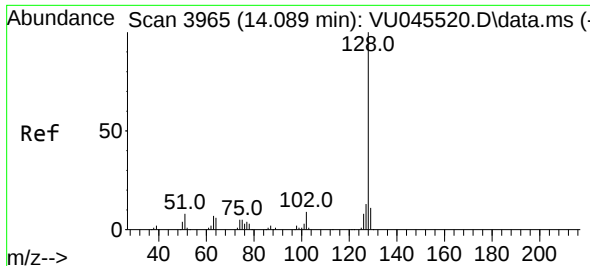
Tgt Ion:180	Resp:	8063
Ion	Ratio	Lower Upper
180	100	
182	95.9	76.2 114.2
184	30.5	23.9 35.9
145	30.5	24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 0.502 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU045518.D
 Acq: 03 Nov 2021 12:50

Tgt Ion:180	Resp:	7343
Ion	Ratio	Lower Upper
180	100	
182	94.8	75.5 113.3
145	31.2	25.3 37.9

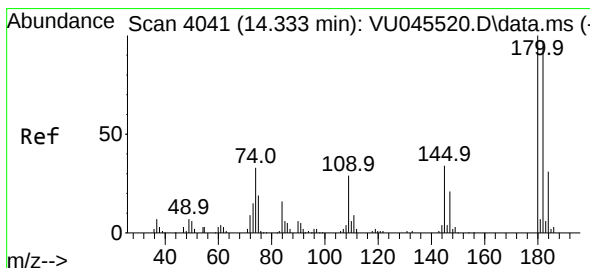
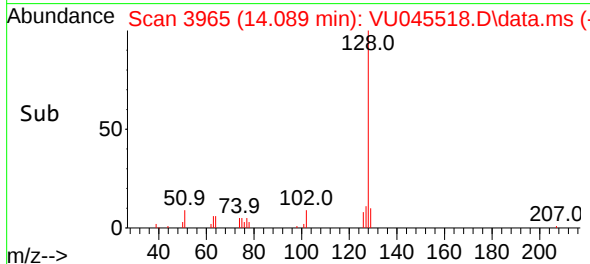
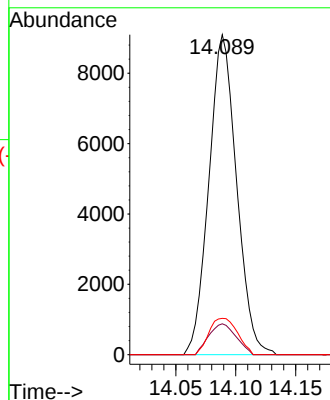
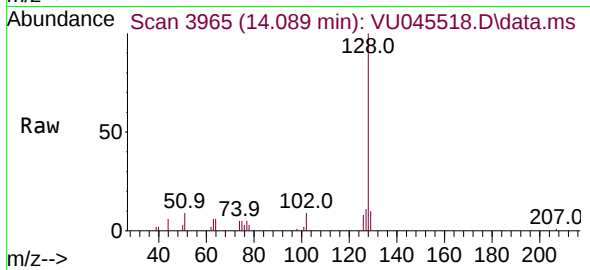




#71
Naphthalene
Concen: 0.492 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5028

Tgt Ion:	128	Resp:	14605
Ion Ratio	Lower	Upper	
128	100		
129	9.5	8.6	13.0
127	11.7	10.3	15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.508 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045518.D
Acq: 03 Nov 2021 12:50

Tgt Ion:	180	Resp:	6861
Ion Ratio	Lower	Upper	
180	100		
182	90.6	77.0	115.4
145	31.4	27.4	41.2

