

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110321\
 Data File : VU045522.D
 Acq On : 03 Nov 2021 14:28
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020032

Quant Time: Nov 09 07:08:44 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	172068	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	145378	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	84264	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	284584	26.074	ug/L	0.00
7) Chloroethane-d5	1.916	69	179693	17.817	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	65	109399	21.080	ug/L	0.00
20) 2-Butanone-d5	4.639	46	901092	228.172	ug/L	0.00
24) Chloroform-d	5.070	84	482706	22.257	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	261643	20.754	ug/L	0.00
32) Benzene-d6	5.732	84	989265	25.899	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	314199	25.217	ug/L	0.00
41) Toluene-d8	7.903	98	857850	25.679	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	131610	29.112	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	782360	274.689	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	281343	25.700	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	324146	22.657	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	298580	21.453	ug/L	100
3) Chloromethane	1.520	50	342920	20.599	ug/L	100
5) Vinyl chloride	1.607	62	338978	20.290	ug/L	100
6) Bromomethane	1.861	94	155912	18.300	ug/L	99
8) Chloroethane	1.938	64	149656	14.914	ug/L	99
9) Trichlorofluoromethane	2.141	101	269187	15.172	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	218266	18.975	ug/L	98
12) 1,1-Dichloroethene	2.584	96	218045	19.892	ug/L	94
13) Acetone	2.658	43	416519	155.562	ug/L	100
14) Carbon disulfide	2.797	76	716646	20.005	ug/L	100
15) Methyl Acetate	2.961	43	99800	19.117	ug/L	96
16) Methylene chloride	3.051	84	234038	14.024	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	595178	19.470	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	233565	19.781	ug/L	98
19) 1,1-Dichloroethane	3.874	63	437313	18.801	ug/L	97
21) 2-Butanone	4.719	43	811926	190.010	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	266927	21.753	ug/L	93
23) Bromochloromethane	4.980	128	111104	20.567	ug/L	96
25) Chloroform	5.092	83	437504	18.283	ug/L	97
27) 1,2-Dichloroethane	5.800	62	290862	18.184	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	363404	23.394	ug/L	99
30) Cyclohexane	5.391	56	446704	24.536	ug/L	100
31) Carbon tetrachloride	5.530	117	292718	23.947	ug/L	99
33) Benzene	5.777	78	1024235	23.806	ug/L	100
34) Trichloroethene	6.546	95	249205	23.791	ug/L	97
35) Methylcyclohexane	6.768	83	450438	25.436	ug/L	99
37) 1,2-Dichloropropane	6.797	63	260292	22.715	ug/L	100
38) Bromodichloromethane	7.108	83	311422	22.682	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	381299	23.325	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1741529	200.319	ug/L	100
42) Toluene	7.973	91	1050551	23.389	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	336448	24.205	ug/L	100

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

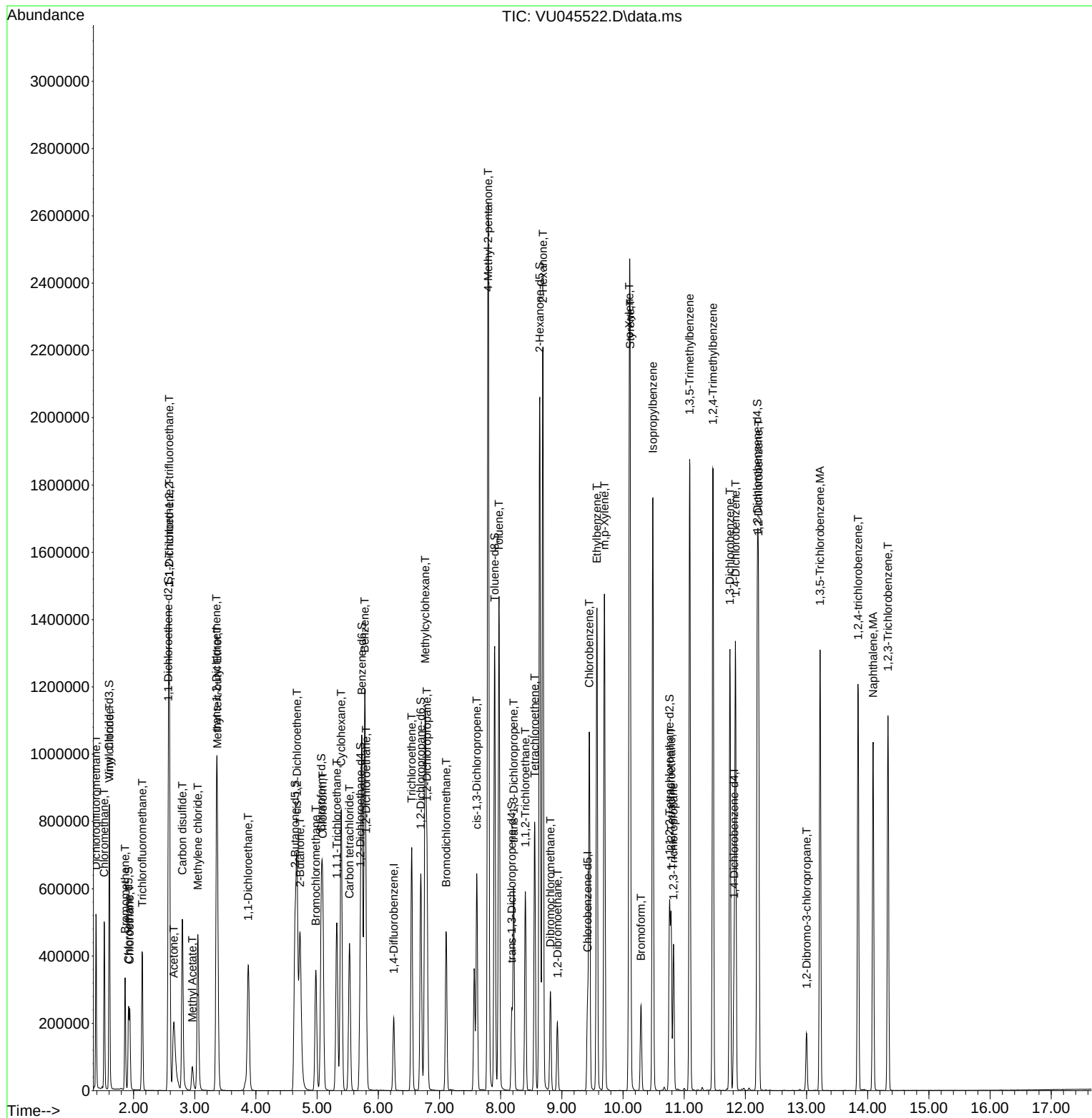
45) 1,1,2-Trichloroethane	8.404	97	183065	22.369	ug/L	98
47) Tetrachloroethene	8.555	164	175705	23.676	ug/L	99
48) 2-Hexanone	8.690	43	1333912	206.355	ug/L	99
49) Dibromochloromethane	8.813	129	158397	18.577	ug/L	99
50) 1,2-Dibromoethane	8.928	107	135460	17.724	ug/L #	100
51) Chlorobenzene	9.449	112	576788	20.805	ug/L	98
52) Ethylbenzene	9.575	91	1057167	21.897	ug/L	99
53) m,p-Xylene	9.697	106	423020	23.030	ug/L	99
54) o-Xylene	10.102	106	427722	24.340	ug/L	97
55) Styrene	10.118	104	744238	24.533	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	259130	23.755	ug/L	99
59) Bromoform	10.295	173	112012	21.967	ug/L	100
60) Isopropylbenzene	10.488	105	1140523	21.983	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	181657	19.905	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	1004238	22.796	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	1015408	22.647	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	504397	20.661	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	501470	20.010	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	483580	20.891	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	44079	21.881	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	388186	20.850	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	350572	22.124	ug/L	99
71) Naphthalene	14.089	128	792190	24.636	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	325286	22.213	ug/L	99

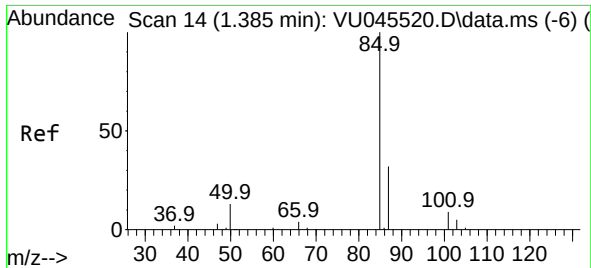
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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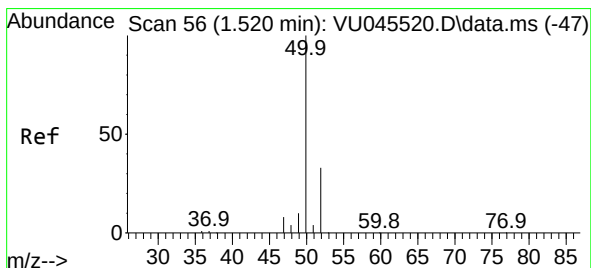
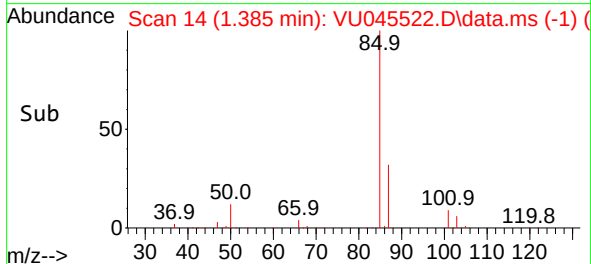
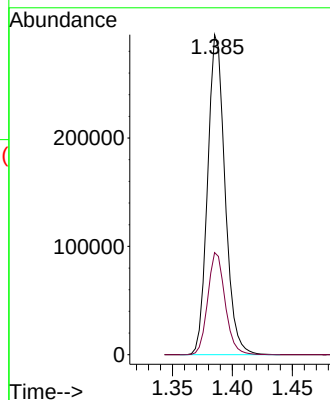
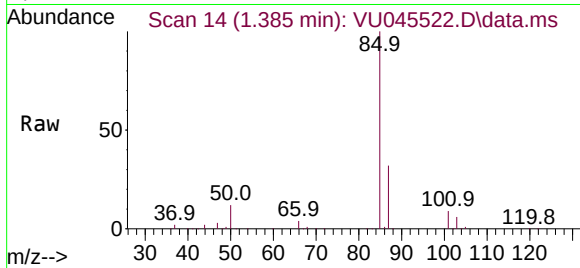




#2
Dichlorodifluoromethane
Concen: 21.453 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

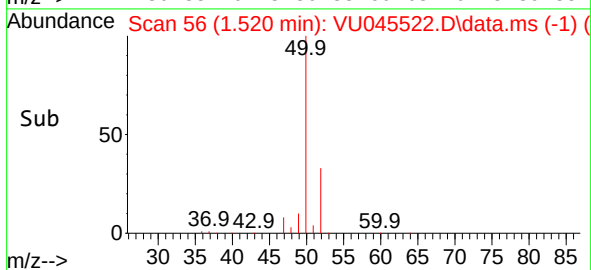
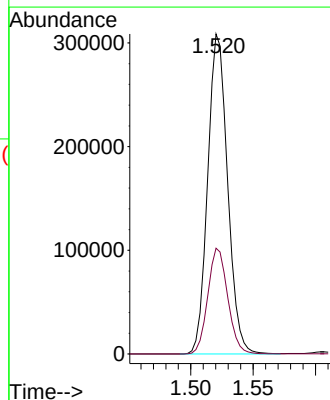
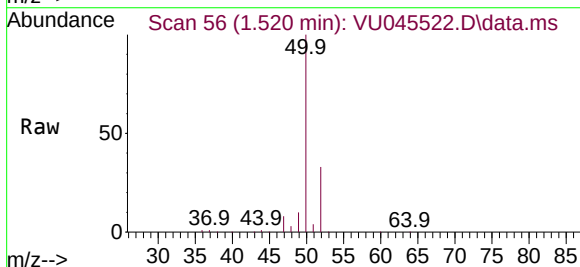
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

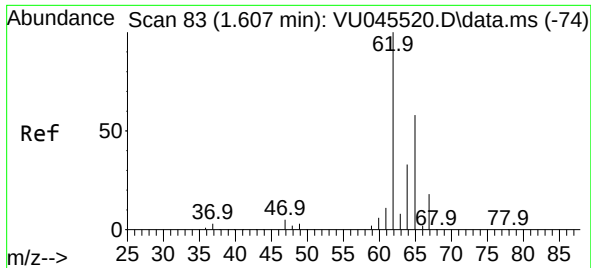
Tgt Ion: 85 Resp: 298580
Ion Ratio Lower Upper
85 100
87 31.8 25.6 38.4



#3
Chloromethane
Concen: 20.599 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion: 50 Resp: 342920
Ion Ratio Lower Upper
50 100
52 33.0 23.1 42.9

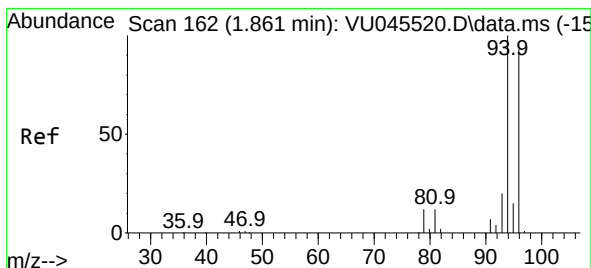
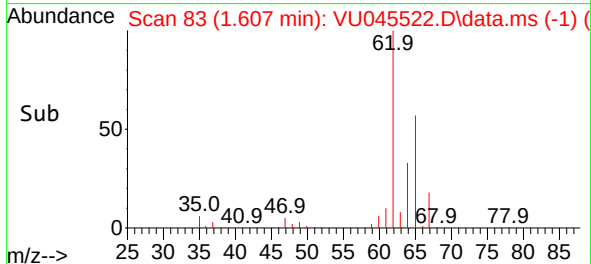
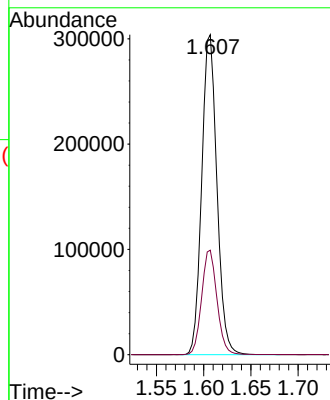
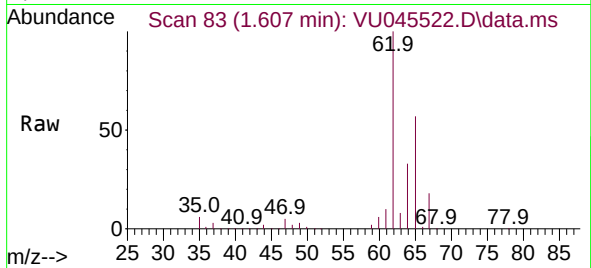




#5
 Vinyl chloride
 Concen: 20.290 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU045522.D
 Acq: 03 Nov 2021 14:28

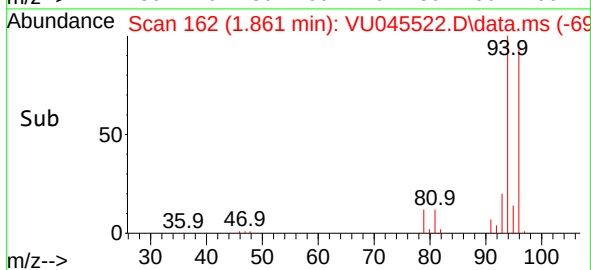
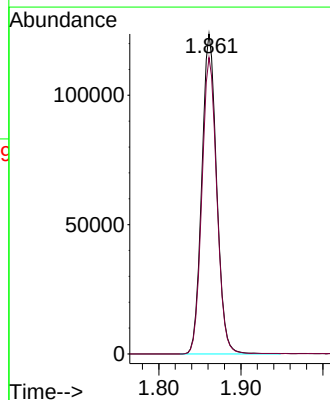
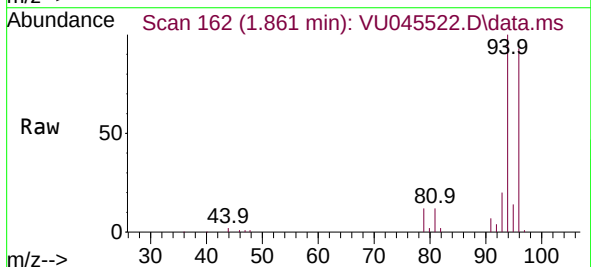
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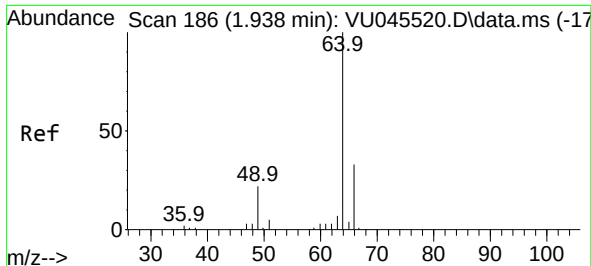
Tgt Ion: 62 Resp: 338978
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6



#6
 Bromomethane
 Concen: 18.300 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045522.D
 Acq: 03 Nov 2021 14:28

Tgt Ion: 94 Resp: 155912
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.2 121.2

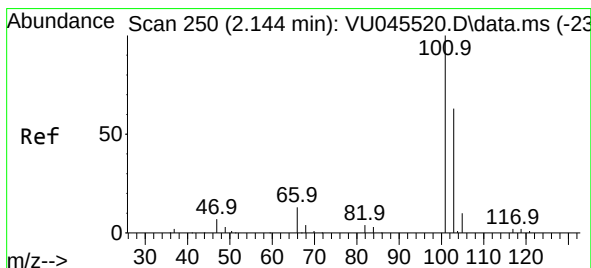
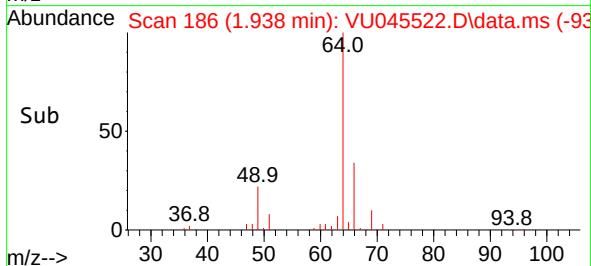
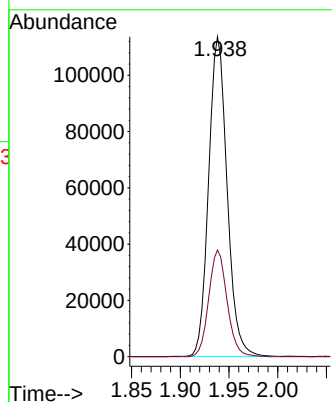
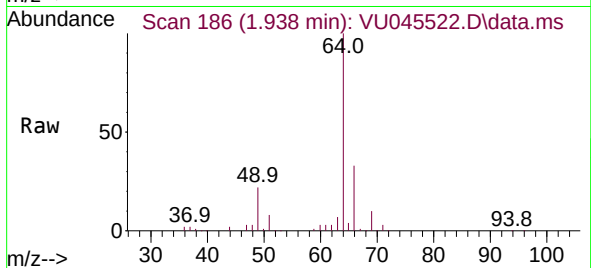




#8
Chloroethane
Concen: 14.914 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

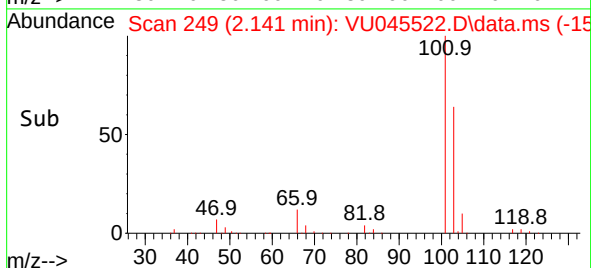
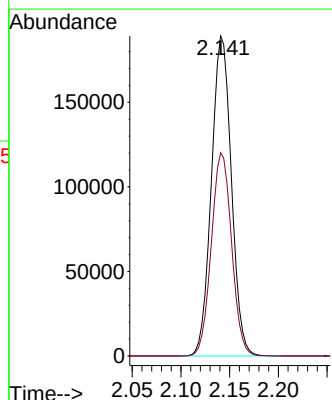
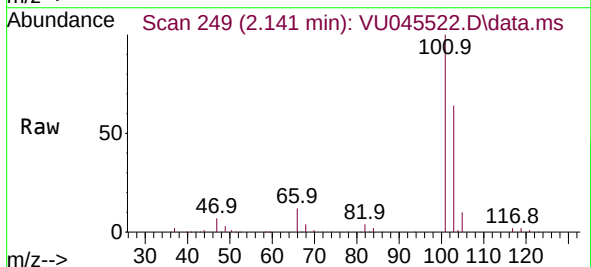
Instrument :
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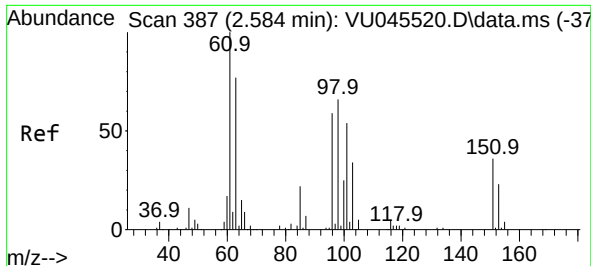
Tgt Ion: 64 Resp: 149656
Ion Ratio Lower Upper
64 100
66 33.4 23.0 42.6



#9
Trichlorofluoromethane
Concen: 15.172 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion:101 Resp: 269187
Ion Ratio Lower Upper
101 100
103 64.5 51.9 77.9

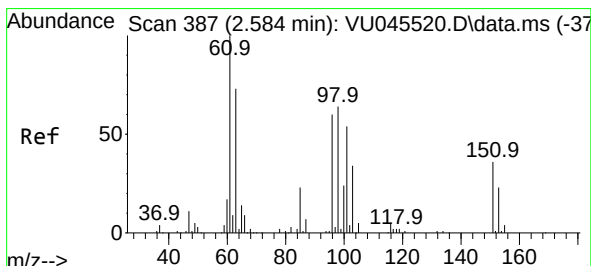
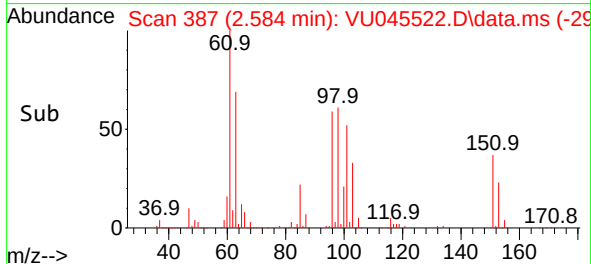
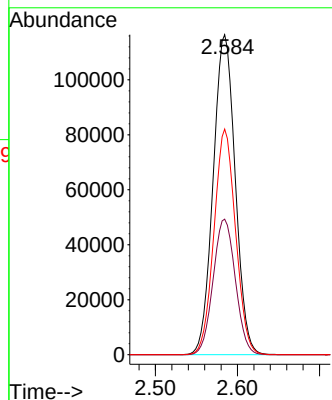
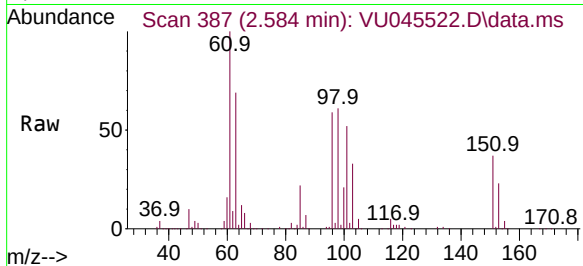




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 18.975 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU045522.D
 Acq: 03 Nov 2021 14:28

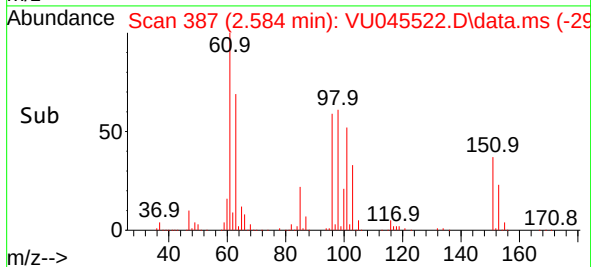
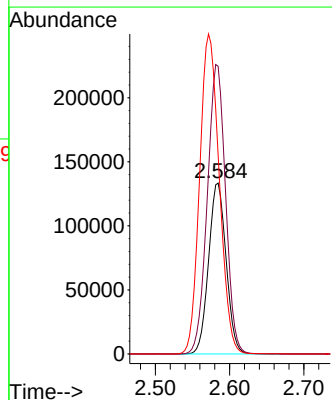
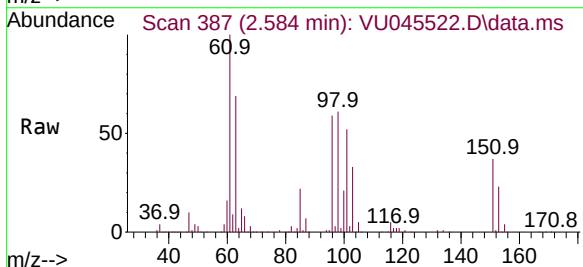
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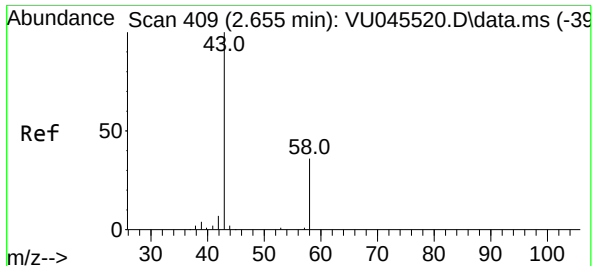
Tgt Ion:101 Resp: 218266
 Ion Ratio Lower Upper
 101 100
 85 42.6 34.0 51.0
 151 69.1 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 19.892 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU045522.D
 Acq: 03 Nov 2021 14:28

Tgt Ion: 96 Resp: 218045
 Ion Ratio Lower Upper
 96 100
 61 168.2 118.4 219.8
 63 116.5 92.0 170.8

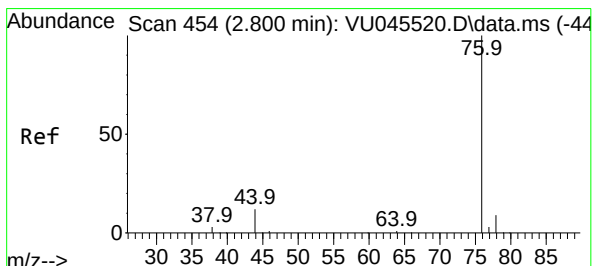
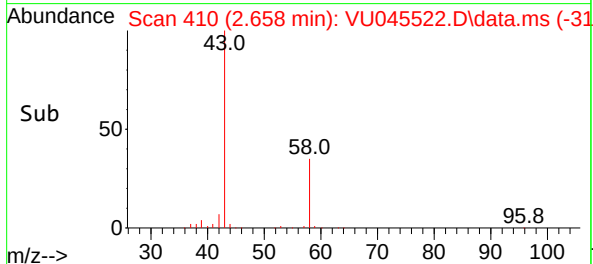
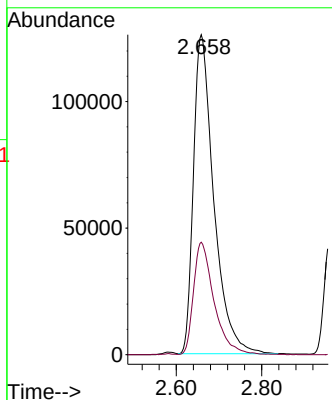
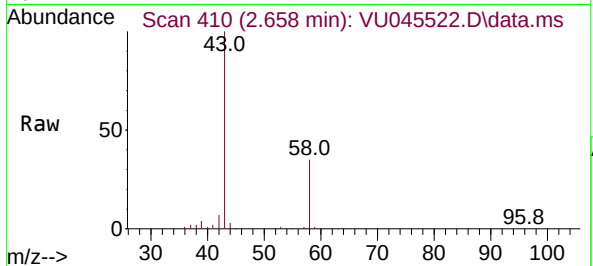




#13
Acetone
Concen: 155.562 ug/L
RT: 2.658 min Scan# 410
Delta R.T. 0.003 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

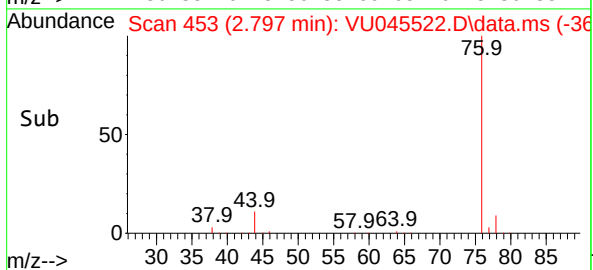
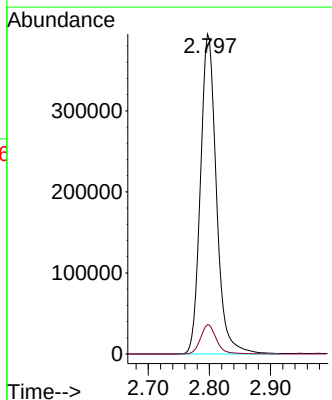
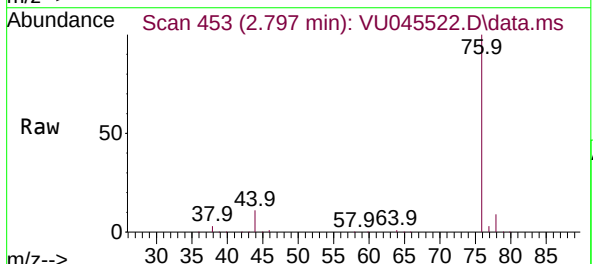
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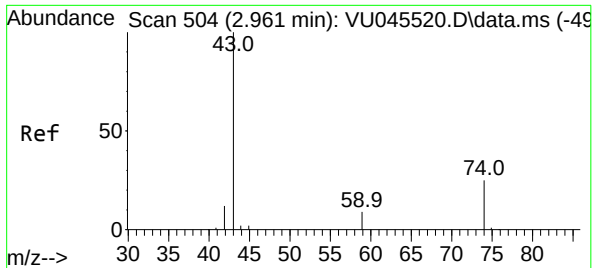
Tgt Ion: 43 Resp: 416519
Ion Ratio Lower Upper
43 100
58 35.2 0.0 70.2



#14
Carbon disulfide
Concen: 20.005 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion: 76 Resp: 716646
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

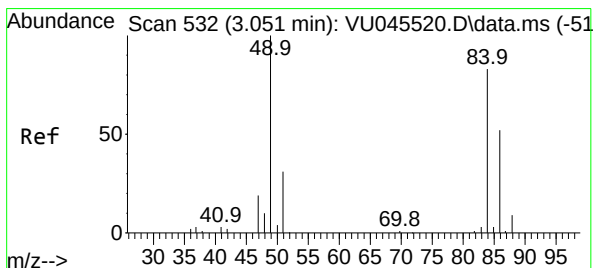
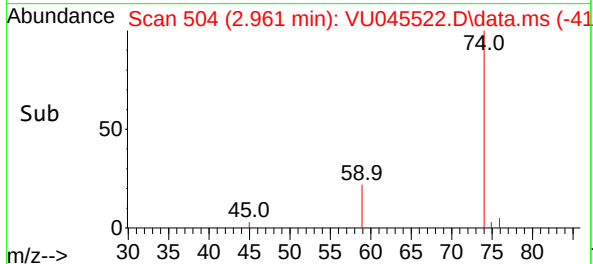
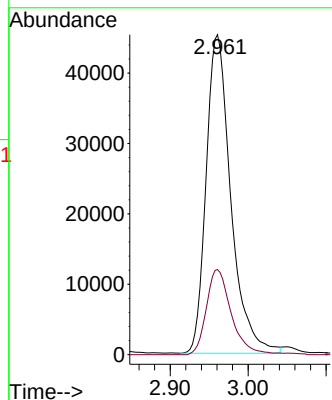
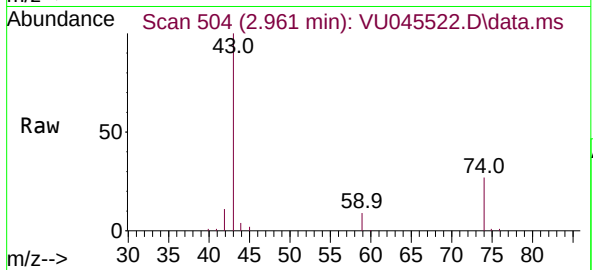




#15
Methyl Acetate
Concen: 19.117 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

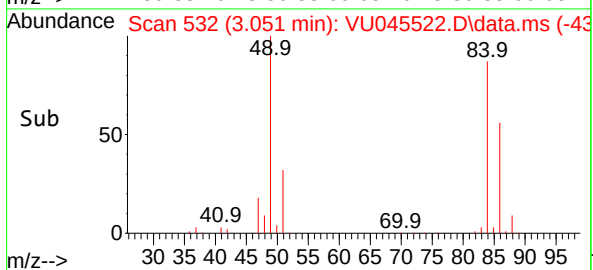
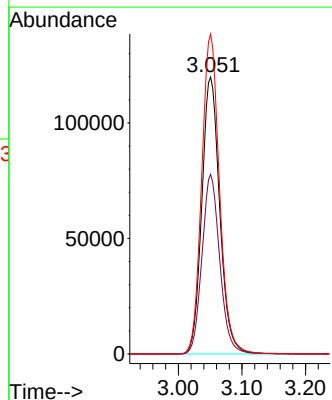
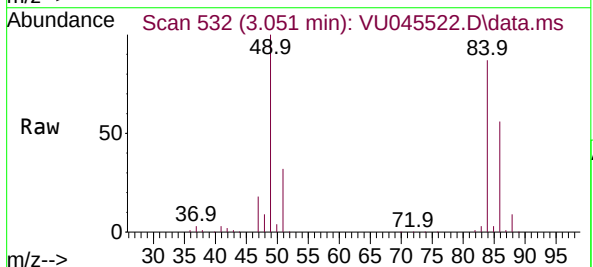
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

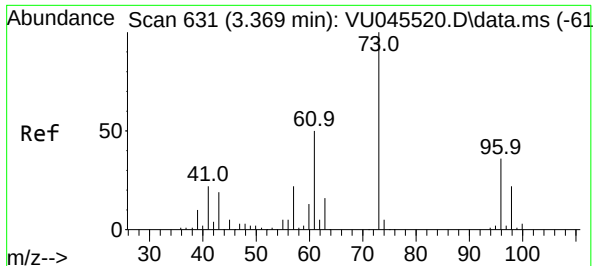
Tgt Ion: 43 Resp: 99800
Ion Ratio Lower Upper
43 100
74 26.9 20.0 30.0



#16
Methylene chloride
Concen: 14.024 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion: 84 Resp: 234038
Ion Ratio Lower Upper
84 100
86 64.9 43.8 81.3
49 115.5 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 19.470 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD020032

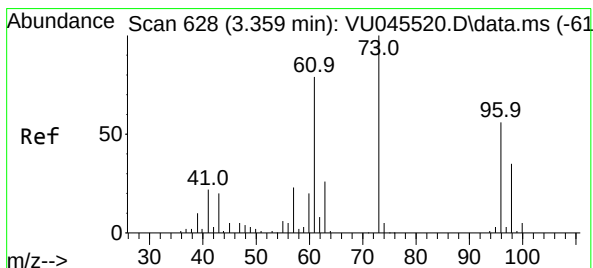
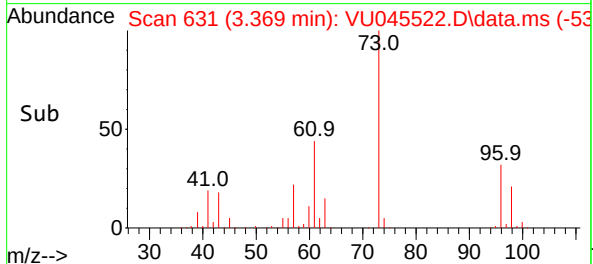
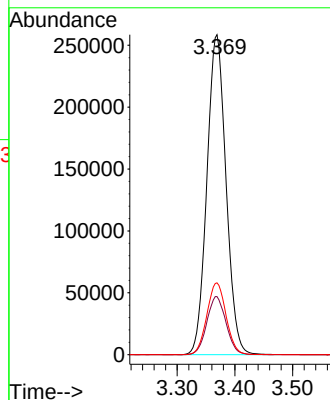
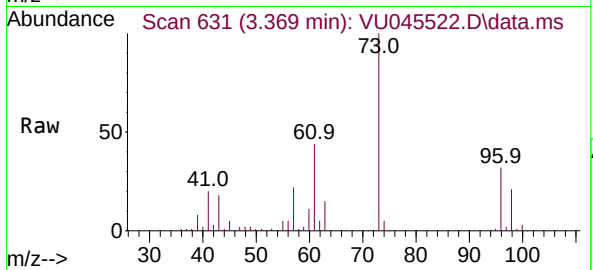
Tgt Ion: 73 Resp: 595178

Ion Ratio Lower Upper

73 100

43 18.3 15.8 23.6

57 22.5 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 19.781 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.003 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

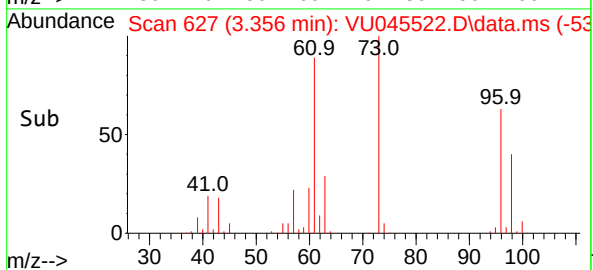
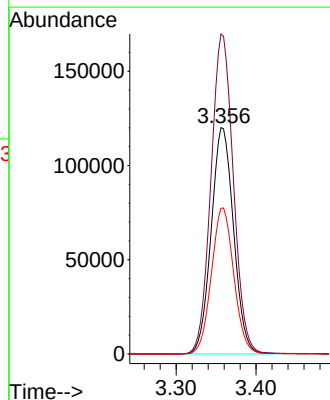
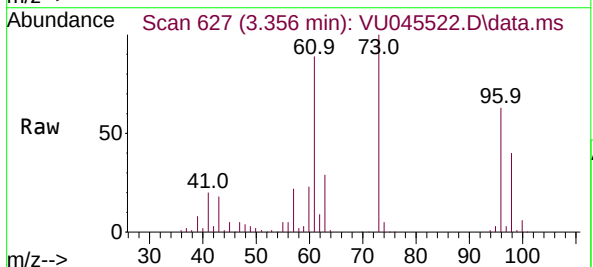
Tgt Ion: 96 Resp: 233565

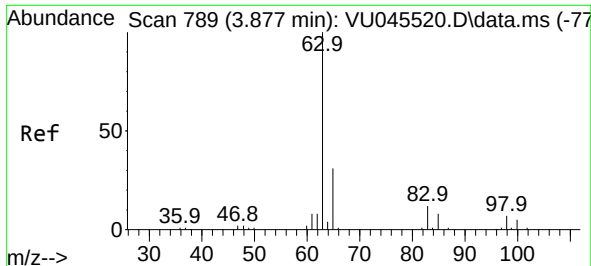
Ion Ratio Lower Upper

96 100

61 141.3 98.3 182.7

98 64.4 43.0 79.8





#19

1,1-Dichloroethane

Concen: 18.801 ug/L

RT: 3.874 min Scan# 7

Delta R.T. -0.003 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD020032

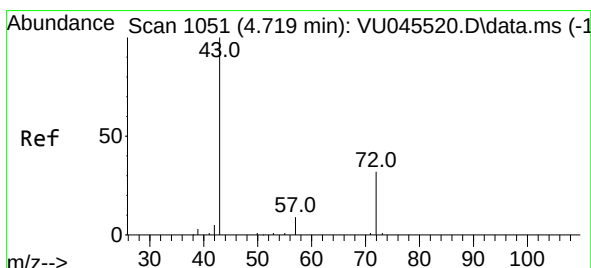
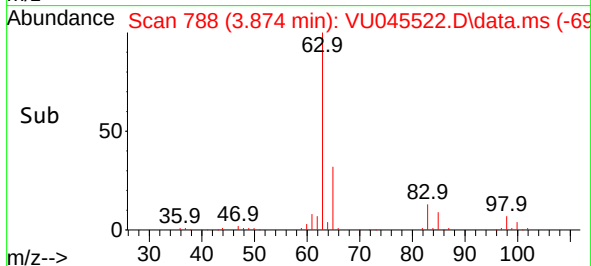
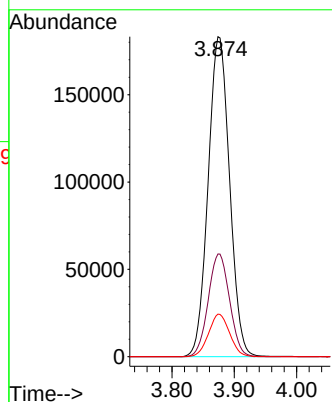
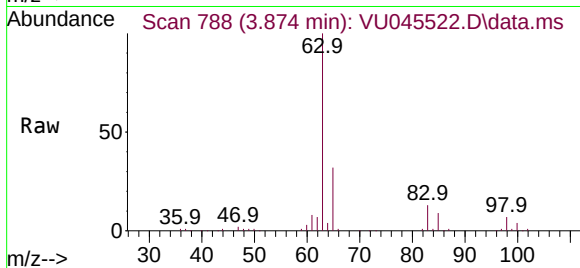
Tgt Ion: 63 Resp: 437313

Ion Ratio Lower Upper

63 100

65 32.1 21.5 39.9

83 13.3 8.4 15.6



#21

2-Butanone

Concen: 190.010 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VU045522.D

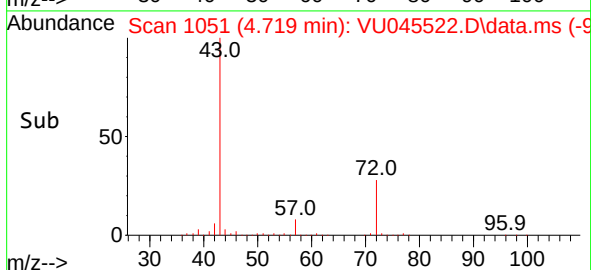
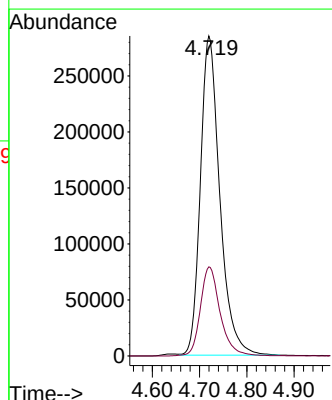
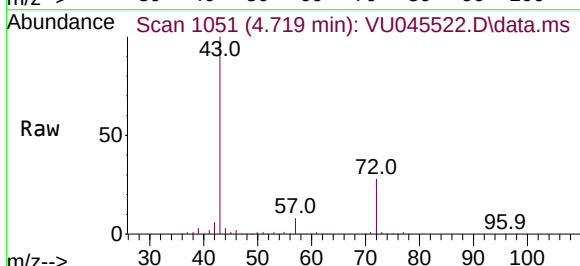
Acq: 03 Nov 2021 14:28

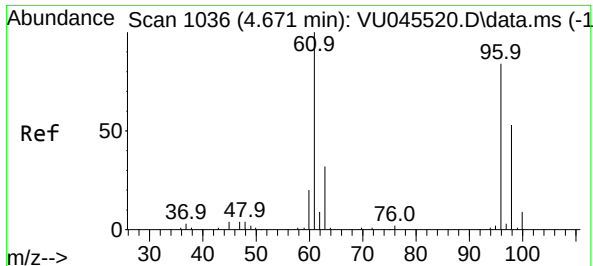
Tgt Ion: 43 Resp: 811926

Ion Ratio Lower Upper

43 100

72 28.6 15.8 47.3

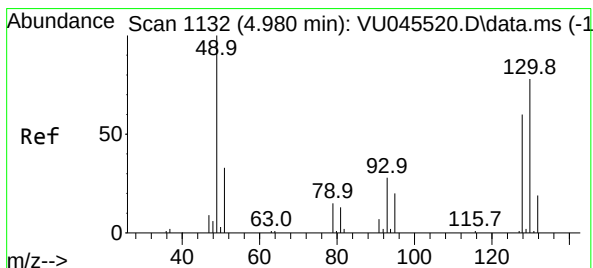
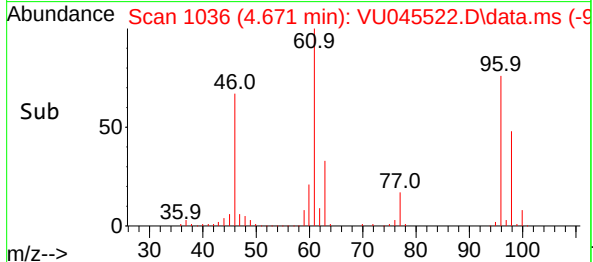
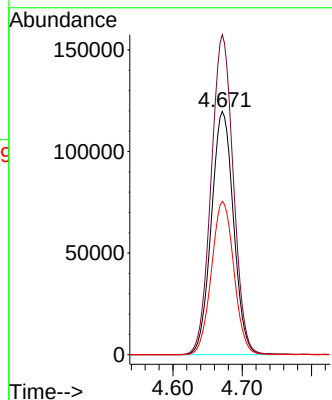
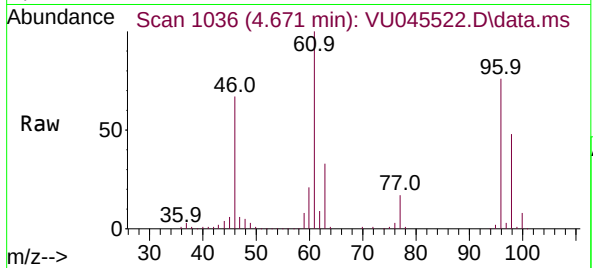




#22
cis-1,2-Dichloroethene
Concen: 21.753 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

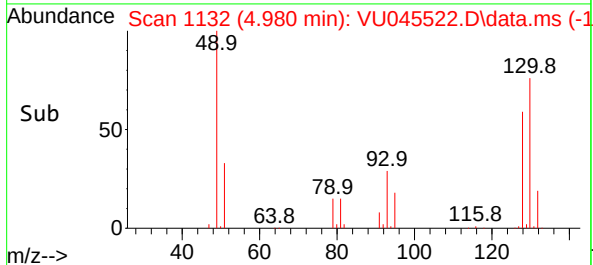
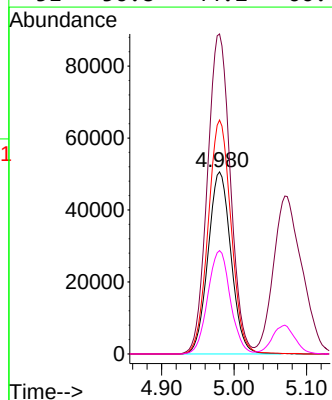
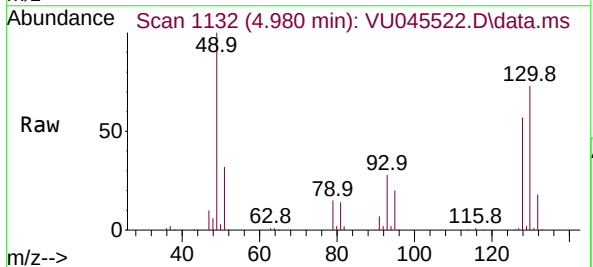
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

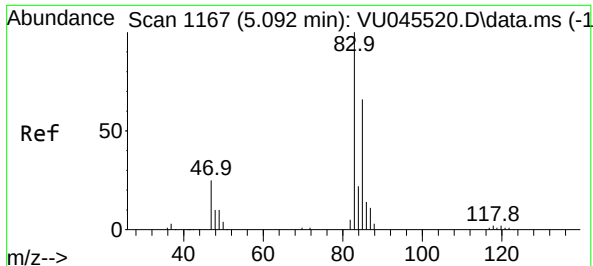
Tgt Ion: 96 Resp: 266927
Ion Ratio Lower Upper
96 100
61 131.6 83.4 155.0
98 63.0 44.0 81.8



#23
Bromochloromethane
Concen: 20.567 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion: 128 Resp: 111104
Ion Ratio Lower Upper
128 100
49 175.7 117.6 218.4
130 128.5 92.2 171.2
51 56.8 44.2 66.4





#25

Chloroform

Concen: 18.283 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

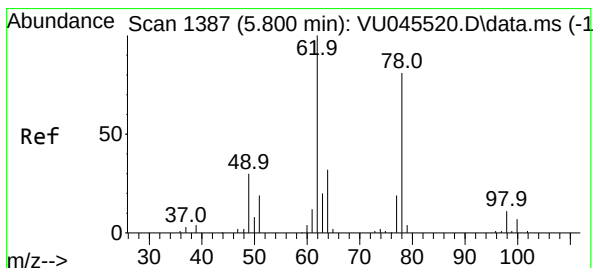
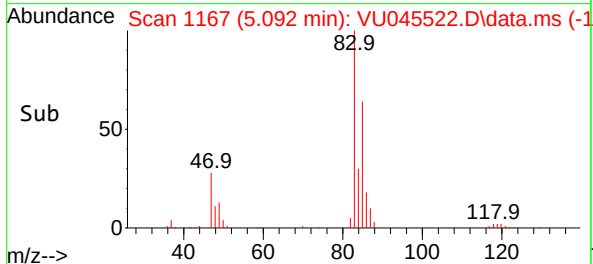
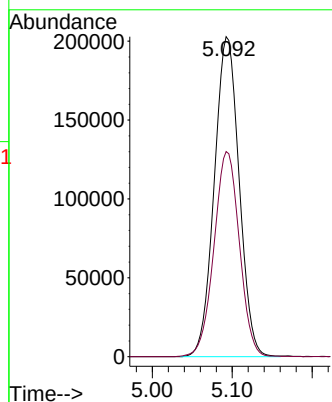
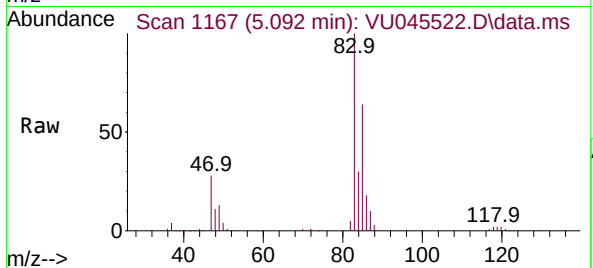
VSTD020032

Tgt Ion: 83 Resp: 437504

Ion Ratio Lower Upper

83 100

85 64.1 46.4 86.2



#27

1,2-Dichloroethane

Concen: 18.184 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045522.D

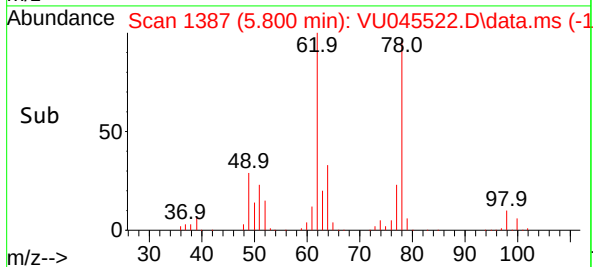
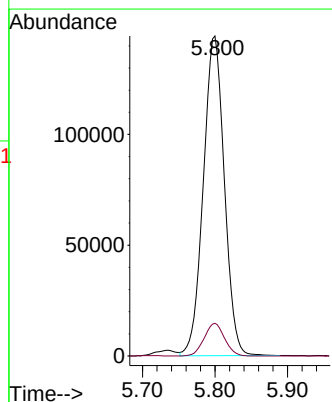
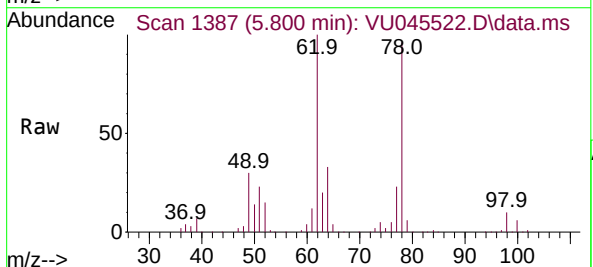
Acq: 03 Nov 2021 14:28

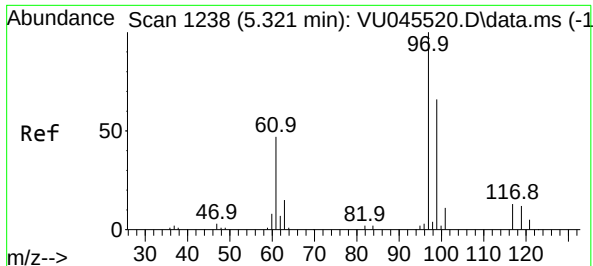
Tgt Ion: 62 Resp: 290862

Ion Ratio Lower Upper

62 100

98 10.2 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 23.394 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD020032

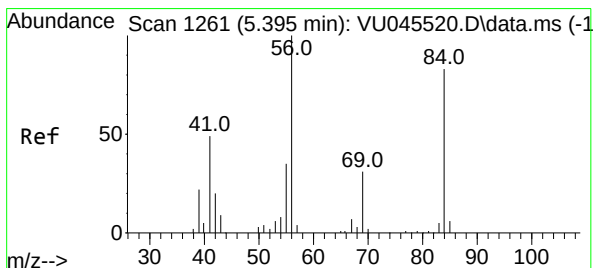
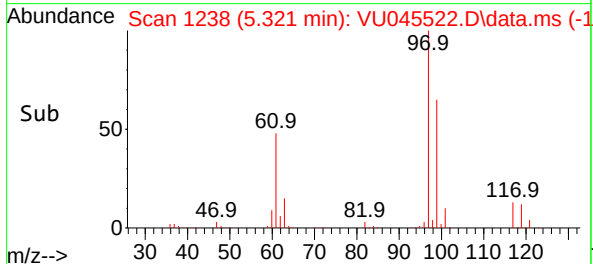
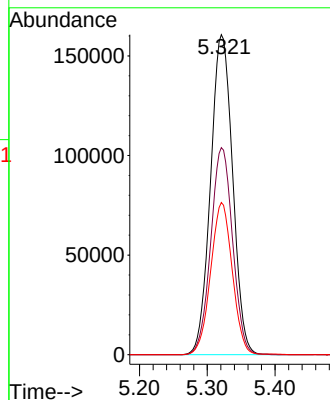
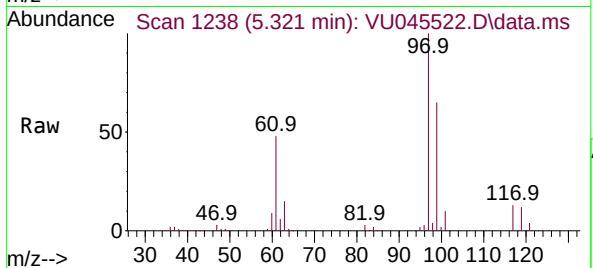
Tgt Ion: 97 Resp: 363404

Ion Ratio Lower Upper

97 100

99 64.2 52.6 79.0

61 46.6 37.1 55.7



#30

Cyclohexane

Concen: 24.536 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

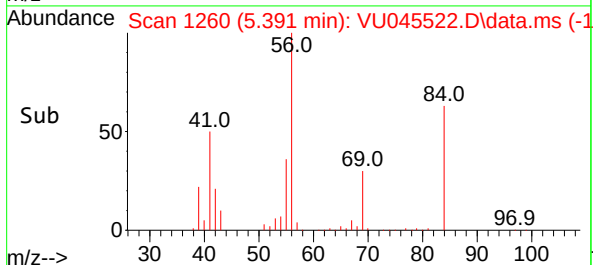
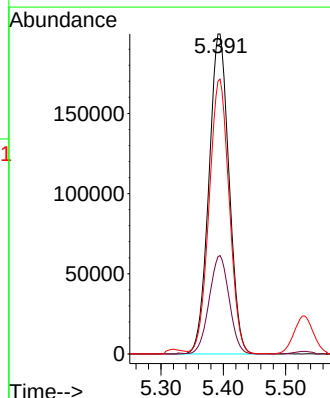
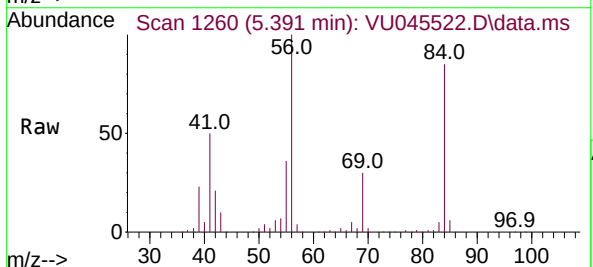
Tgt Ion: 56 Resp: 446704

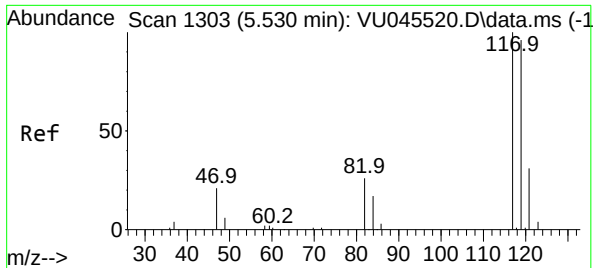
Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 85.7 68.3 102.5

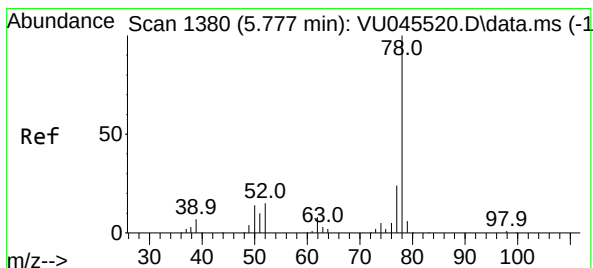
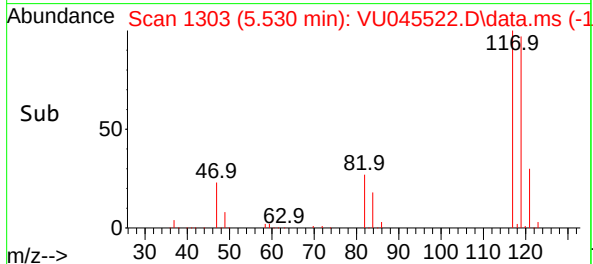
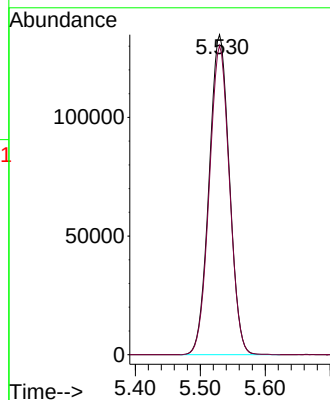
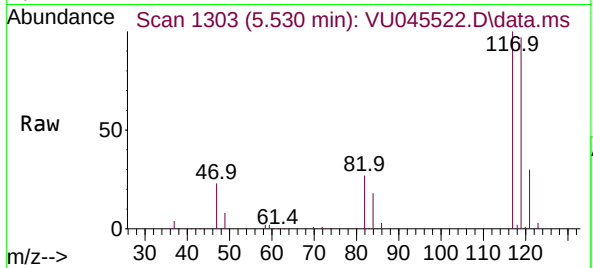




#31
Carbon tetrachloride
Concen: 23.947 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

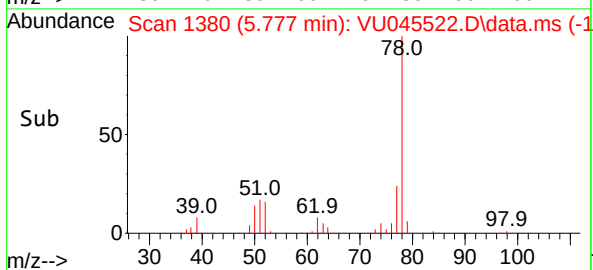
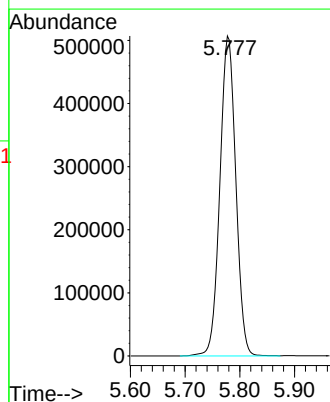
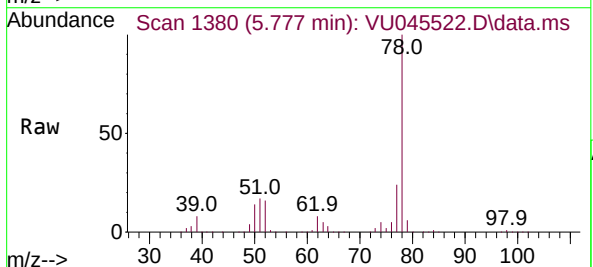
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

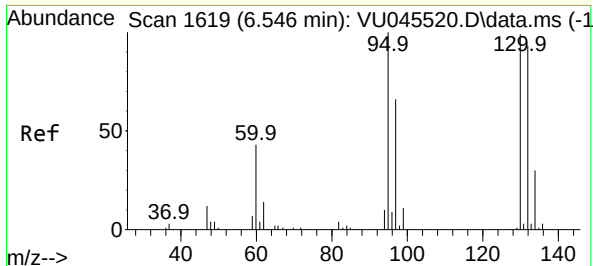
Tgt Ion:117 Resp: 292718
Ion Ratio Lower Upper
117 100
119 95.9 77.4 116.0



#33
Benzene
Concen: 23.806 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion: 78 Resp: 1024235

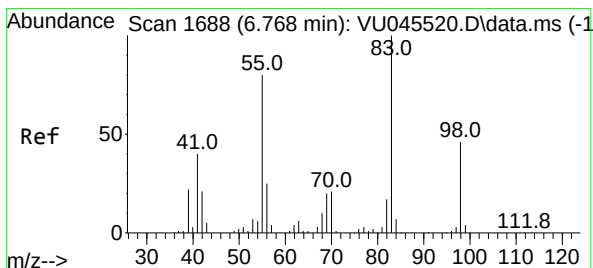
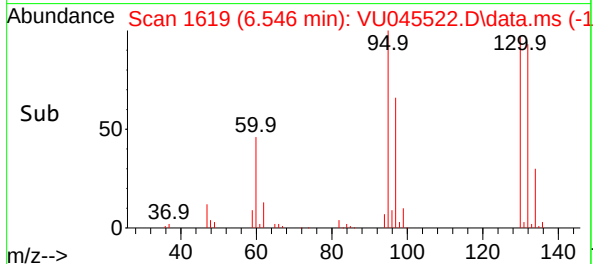
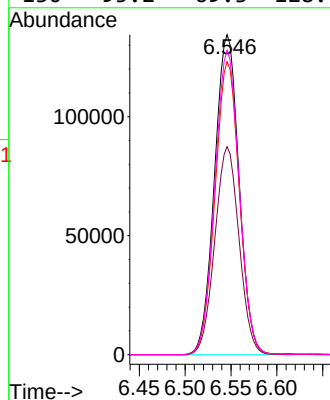
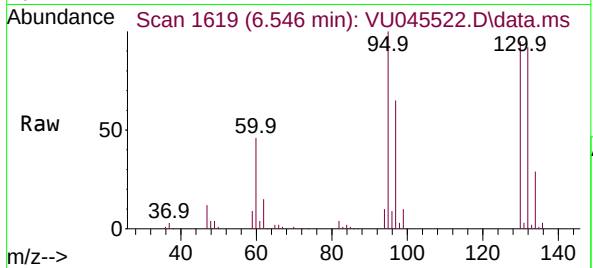




#34
Trichloroethene
Concen: 23.791 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

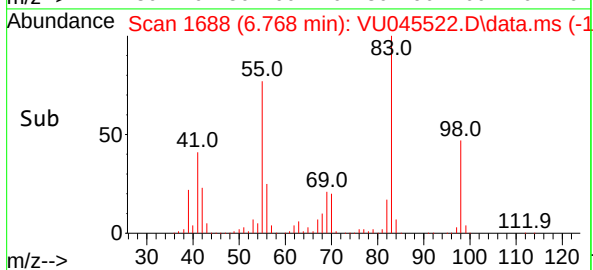
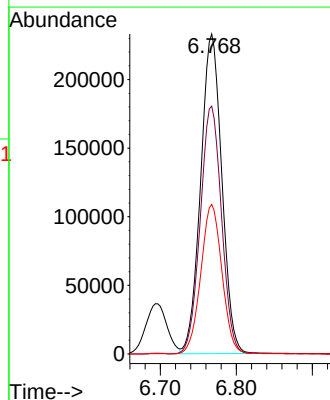
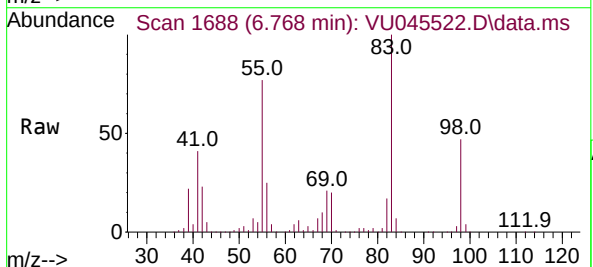
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

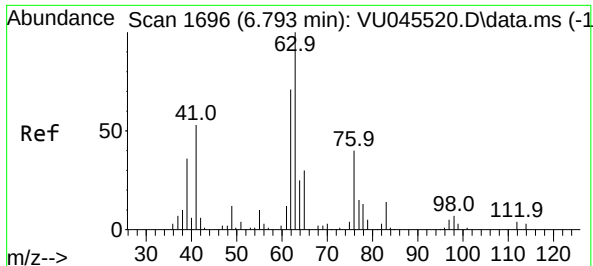
Tgt Ion: 95 Resp: 249205
Ion Ratio Lower Upper
95 100
97 65.0 46.5 86.3
132 91.6 65.4 121.4
130 95.2 69.3 128.7



#35
Methylcyclohexane
Concen: 25.436 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion: 83 Resp: 450438
Ion Ratio Lower Upper
83 100
55 77.9 63.9 95.9
98 46.8 37.4 56.2





#37

1,2-Dichloropropane

Concen: 22.715 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

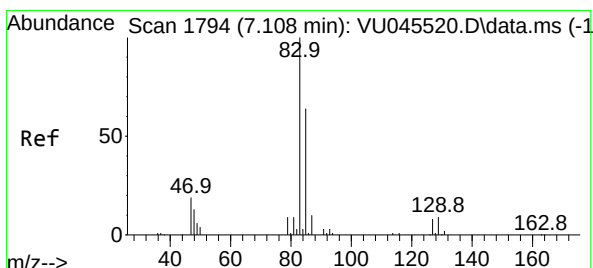
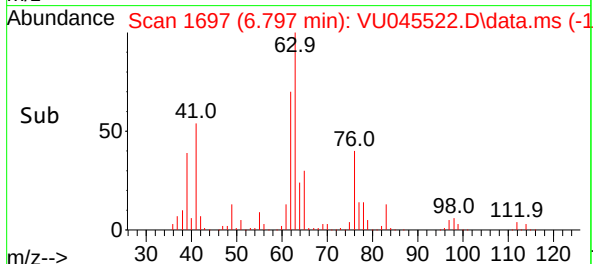
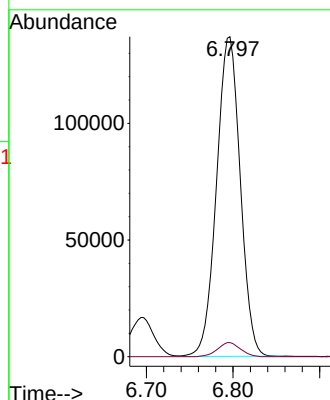
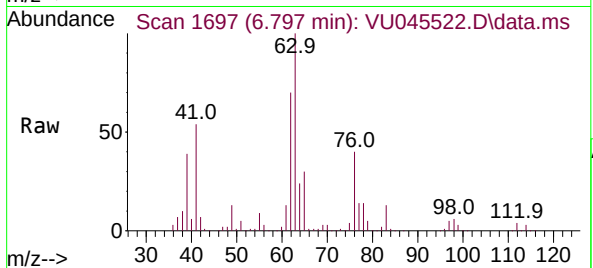
VSTD020032

Tgt Ion: 63 Resp: 260292

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 22.682 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

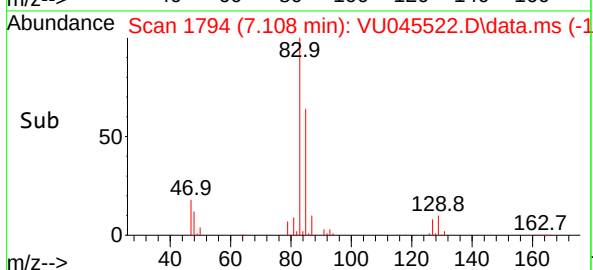
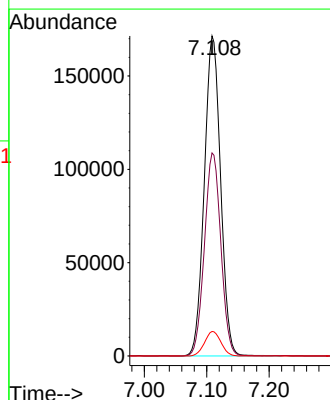
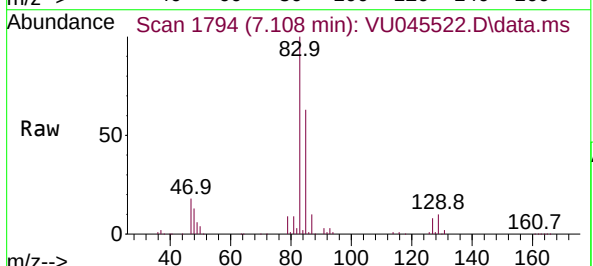
Tgt Ion: 83 Resp: 311422

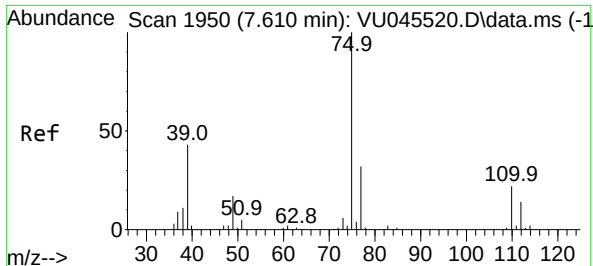
Ion Ratio Lower Upper

83 100

85 63.5 44.7 82.9

127 7.7 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 23.325 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

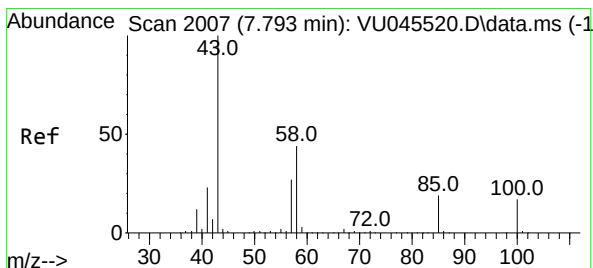
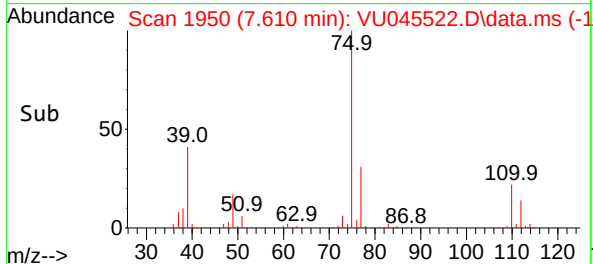
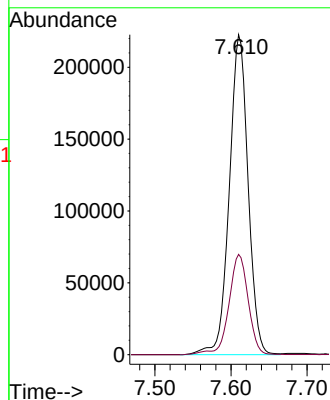
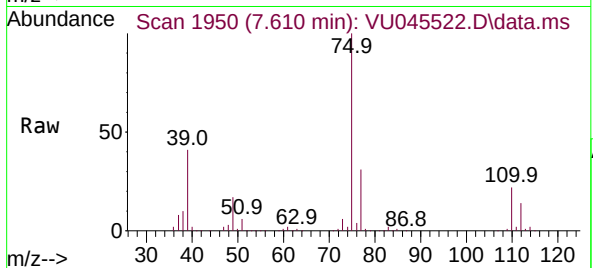
VSTD020032

Tgt Ion: 75 Resp: 381299

Ion Ratio Lower Upper

75 100

77 31.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 200.319 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

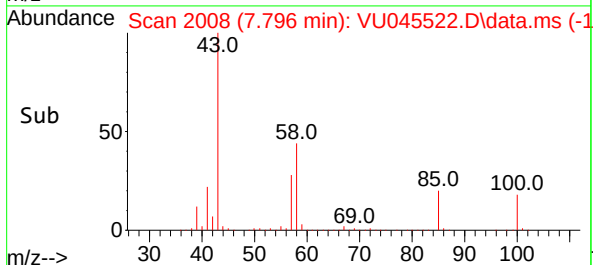
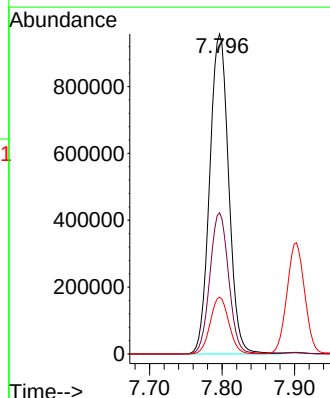
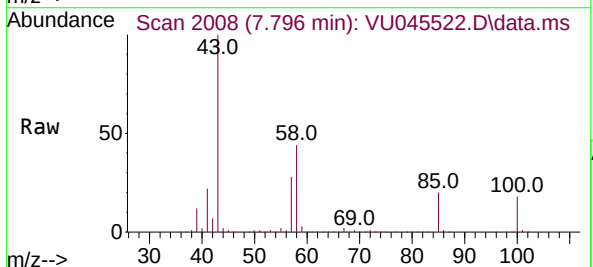
Tgt Ion: 43 Resp: 1741529

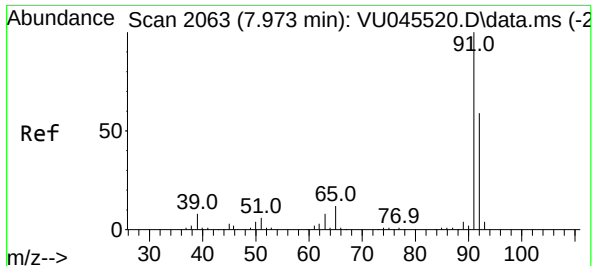
Ion Ratio Lower Upper

43 100

58 43.7 35.0 52.6

100 17.4 13.6 20.4





#42

Toluene

Concen: 23.389 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

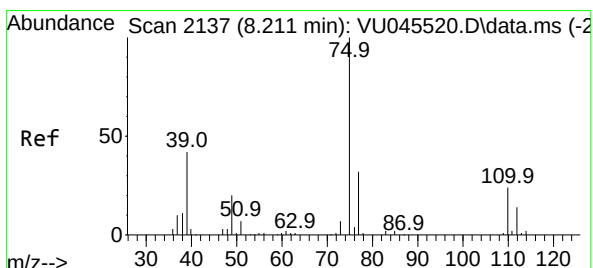
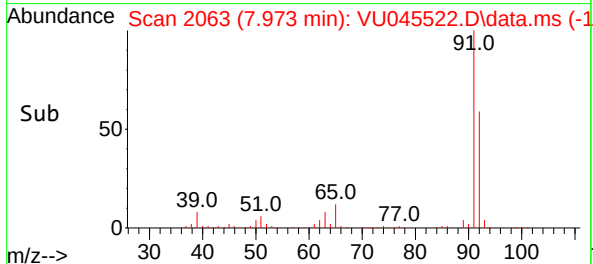
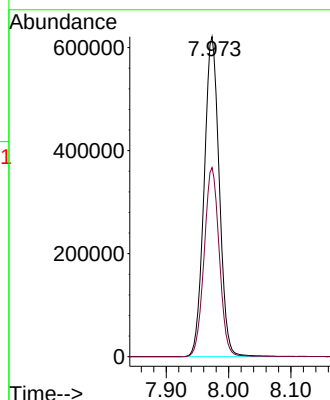
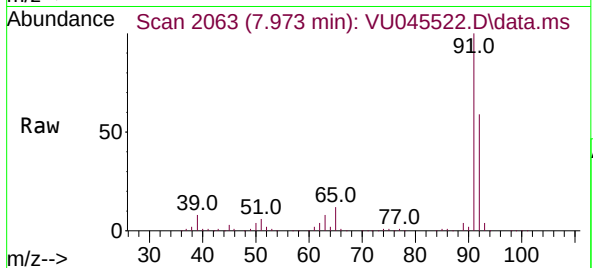
VSTD020032

Tgt Ion: 91 Resp: 1050551

Ion Ratio Lower Upper

91 100

92 59.1 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 24.205 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU045522.D

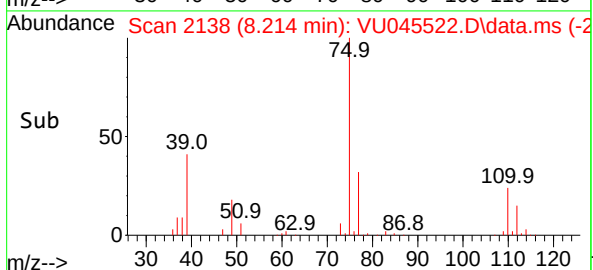
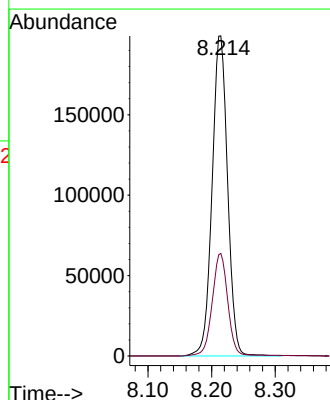
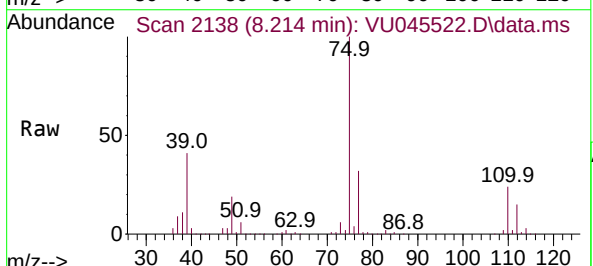
Acq: 03 Nov 2021 14:28

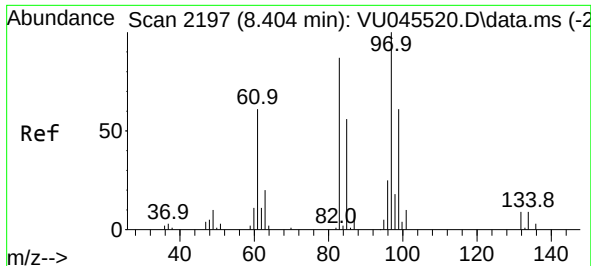
Tgt Ion: 75 Resp: 336448

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.7



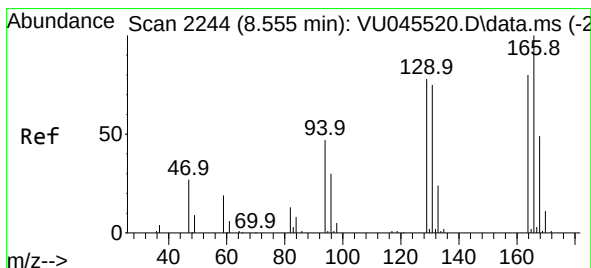
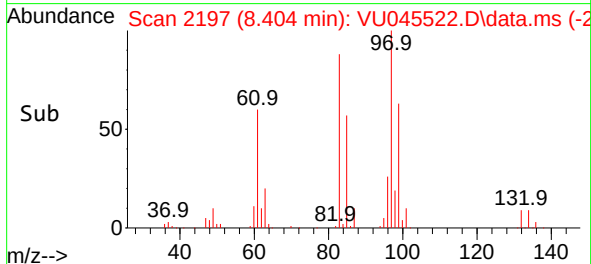
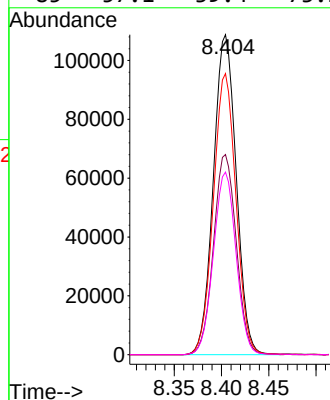
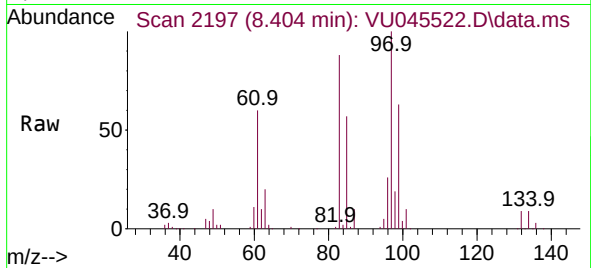


#45
1,1,2-Trichloroethane
Concen: 22.369 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

Tgt Ion: 97 Resp: 183065

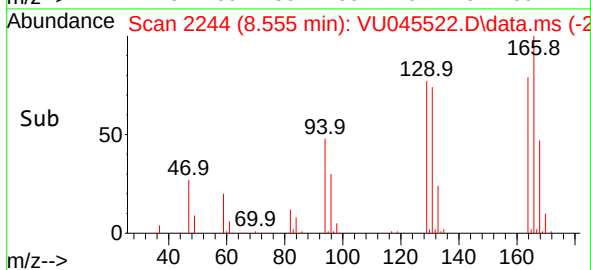
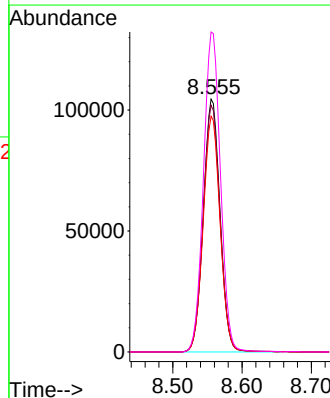
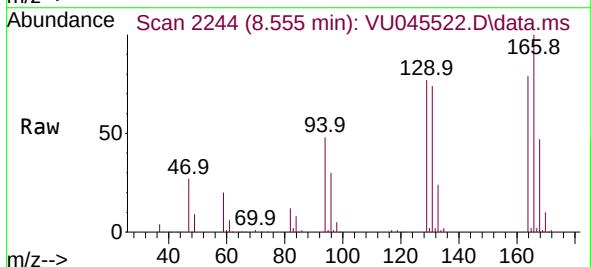
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.4	78.6
83	87.8	60.6	112.6
85	57.1	39.4	73.2

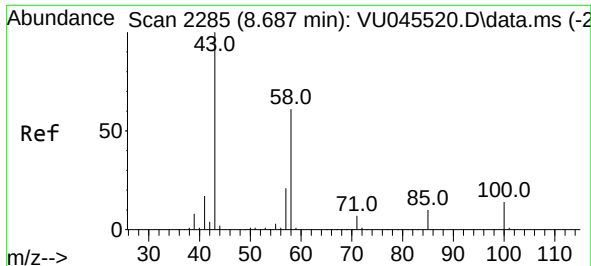


#47
Tetrachloroethene
Concen: 23.676 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion: 164 Resp: 175705

Ion	Ratio	Lower	Upper
164	100		
129	97.6	68.1	126.5
131	93.2	65.3	121.3
166	126.6	87.3	162.1



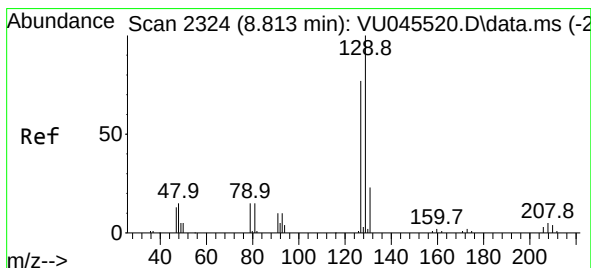
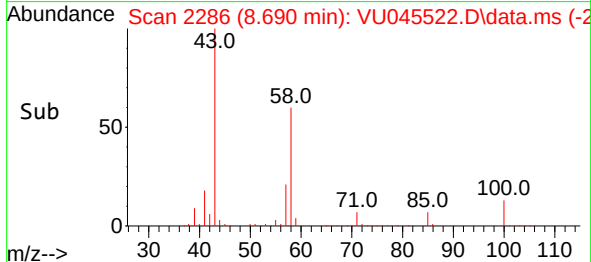
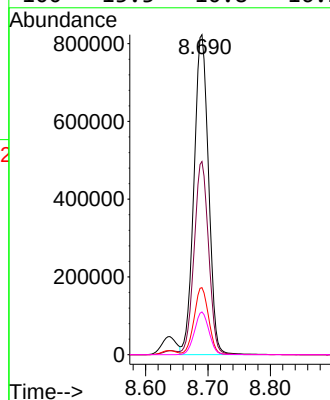
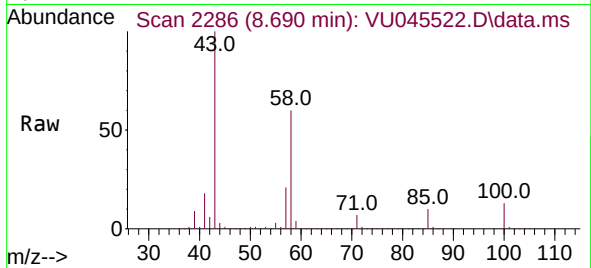


#48
2-Hexanone
Concen: 206.355 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

Tgt Ion: 43 Resp: 1333912

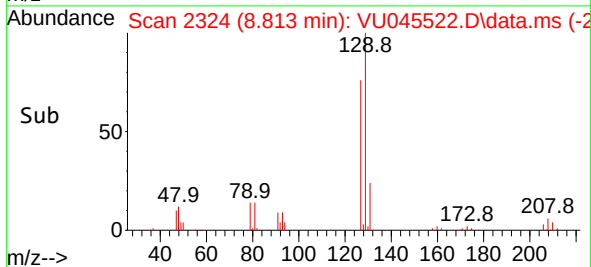
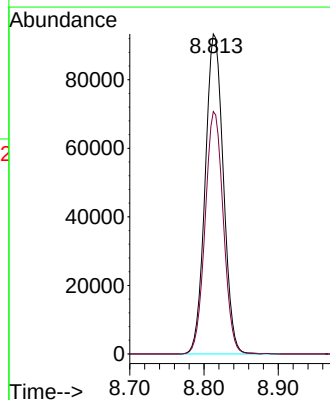
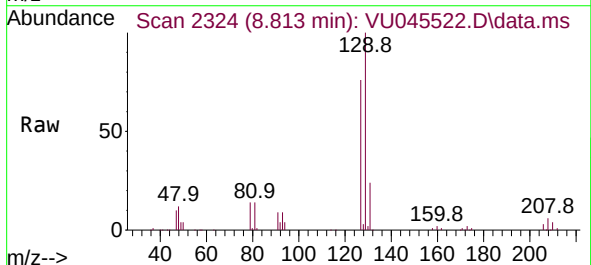
Ion	Ratio	Lower	Upper
43	100		
58	60.3	47.7	71.5
57	20.9	16.6	25.0
100	13.3	10.8	16.2

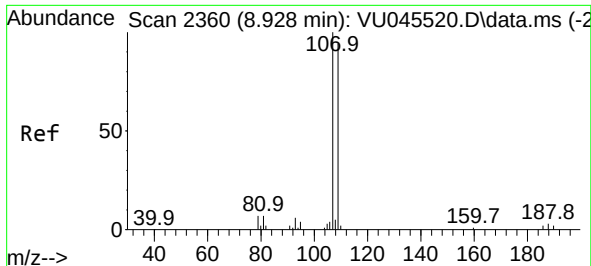


#49
Dibromochloromethane
Concen: 18.577 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion: 129 Resp: 158397

Ion	Ratio	Lower	Upper
129	100		
127	75.7	53.6	99.6

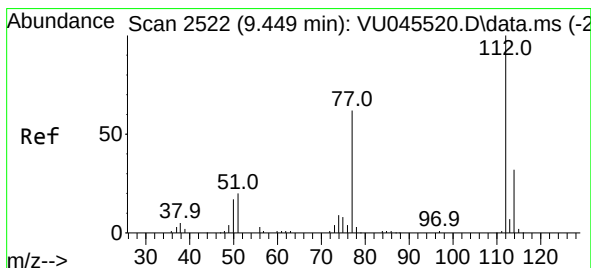
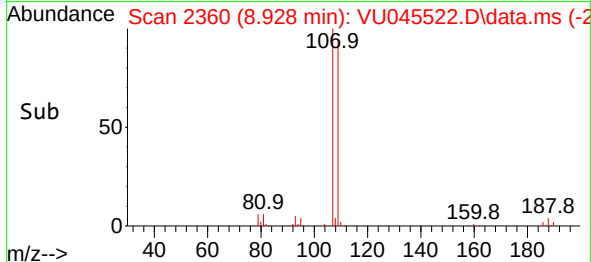
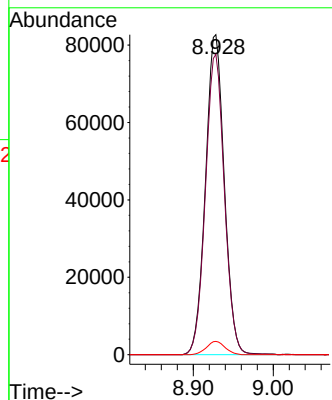
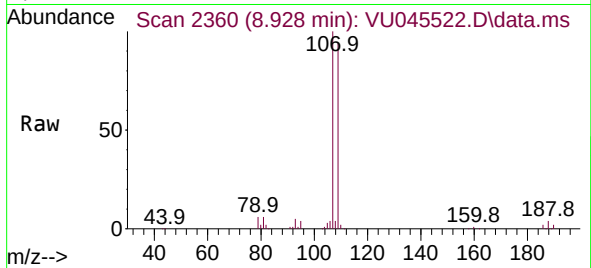




#50
1,2-Dibromoethane
Concen: 17.724 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

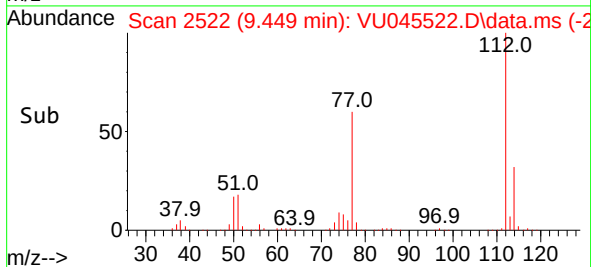
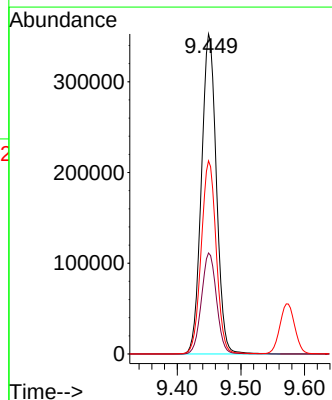
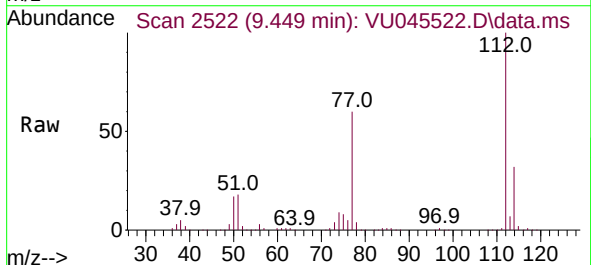
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

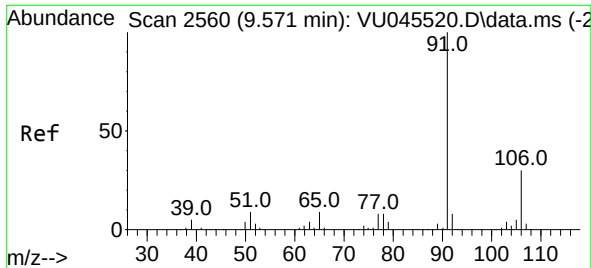
Tgt Ion:107 Resp: 135460
Ion Ratio Lower Upper
107 100
109 93.9 65.5 121.6
188 4.2 2.6 4.0#



#51
Chlorobenzene
Concen: 20.805 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion:112 Resp: 576788
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 60.4 49.5 74.3

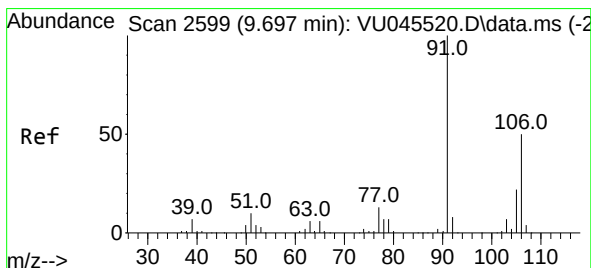
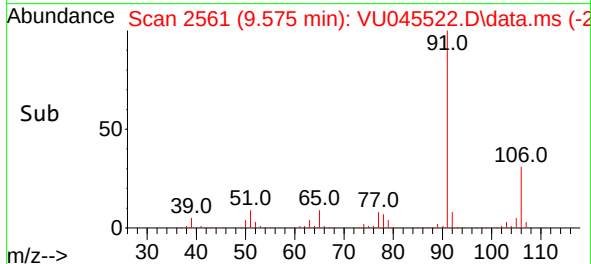
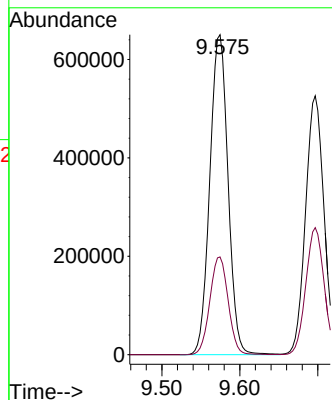
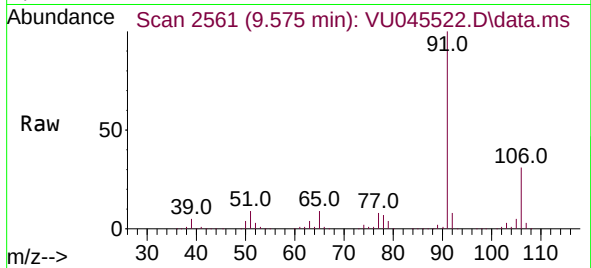




#52
Ethylbenzene
Concen: 21.897 ug/L
RT: 9.575 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

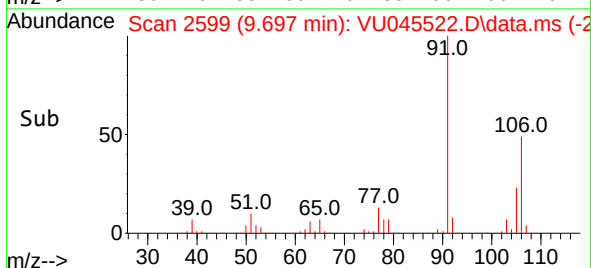
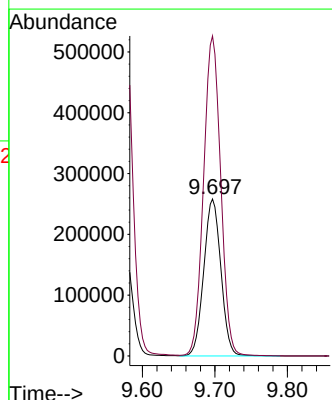
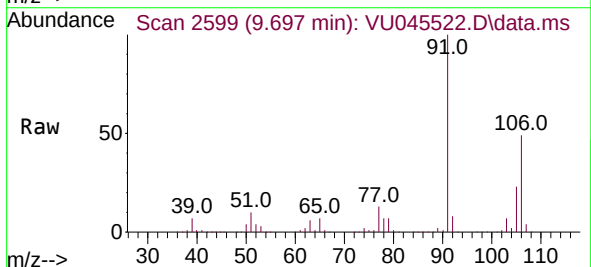
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

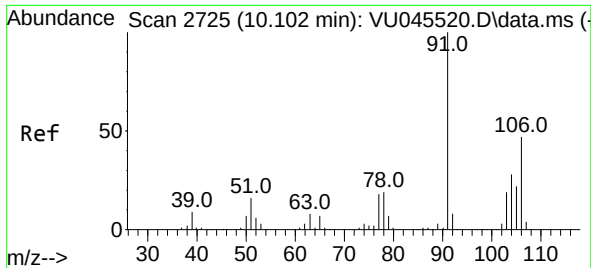
Tgt Ion: 91 Resp: 1057167
Ion Ratio Lower Upper
91 100
106 30.6 20.9 38.9



#53
m,p-Xylene
Concen: 23.030 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion:106 Resp: 423020
Ion Ratio Lower Upper
106 100
91 203.8 141.6 263.0

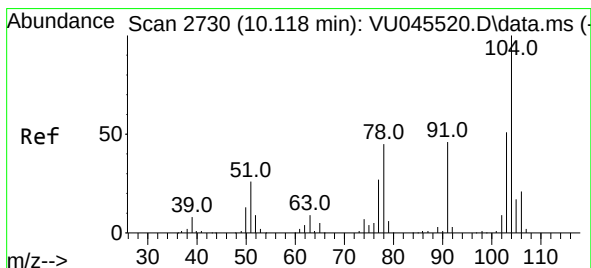
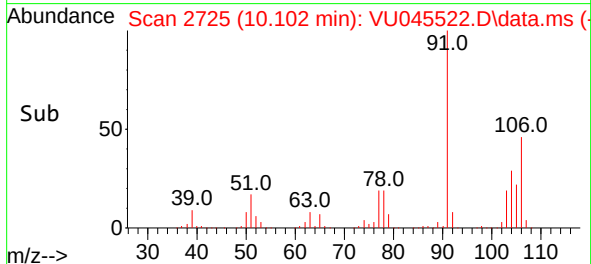
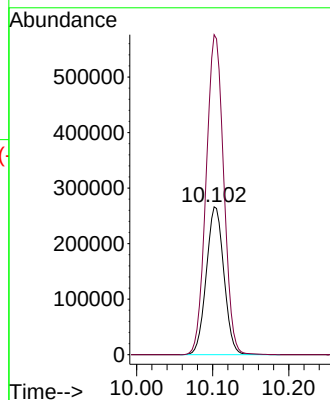
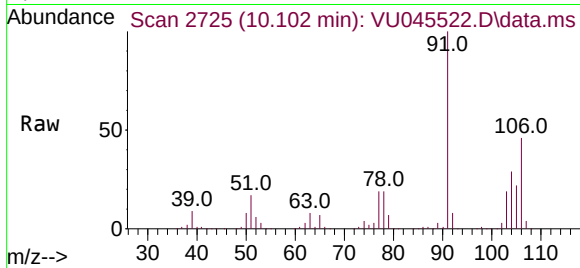




#54
o-Xylene
Concen: 24.340 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

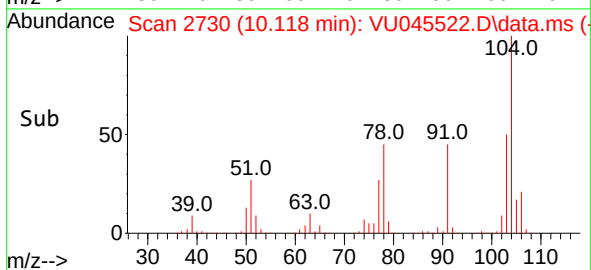
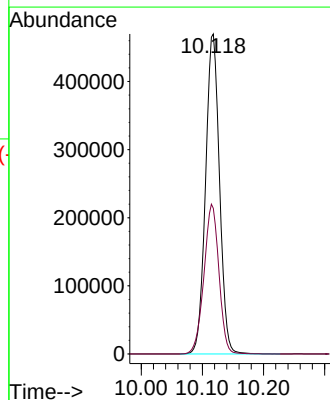
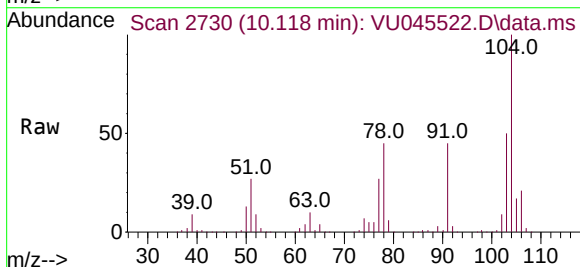
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

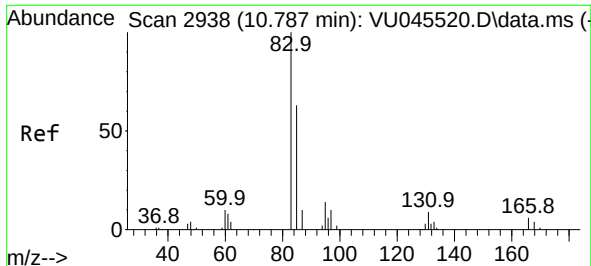
Tgt Ion:106 Resp: 427722
Ion Ratio Lower Upper
106 100
91 216.5 148.8 276.4



#55
Styrene
Concen: 24.533 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion:104 Resp: 744238
Ion Ratio Lower Upper
104 100
78 45.5 31.5 58.5

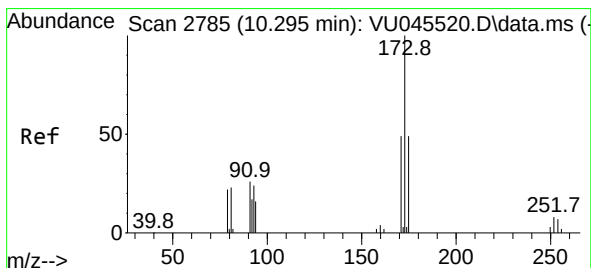
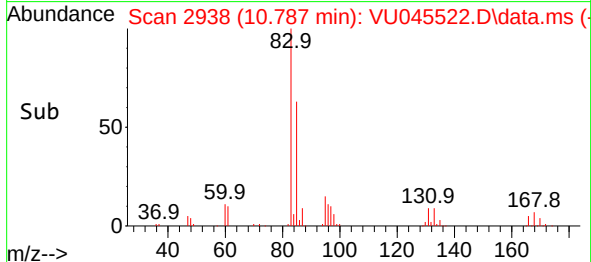
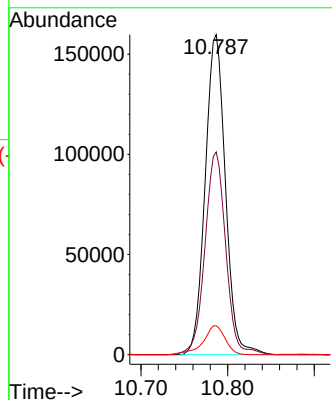
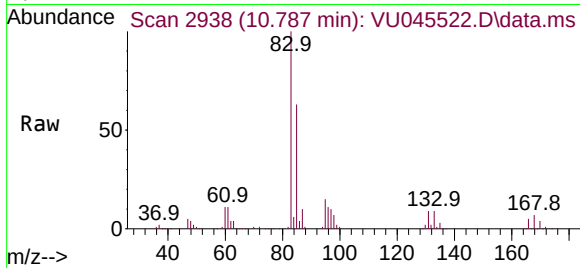




#57
1,1,2,2-Tetrachloroethane
Concen: 23.755 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

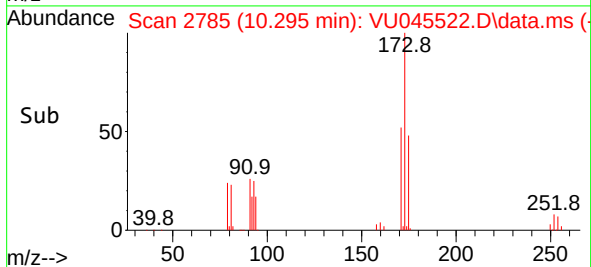
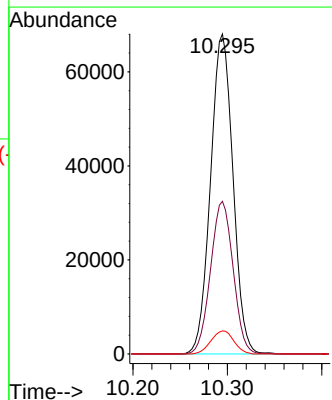
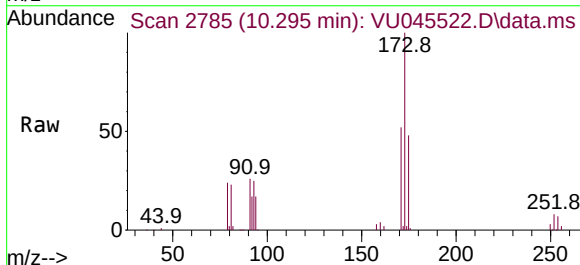
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

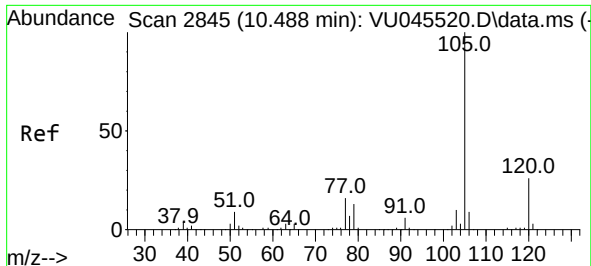
Tgt Ion: 83 Resp: 259130
Ion Ratio Lower Upper
83 100
85 63.4 44.9 83.5
131 9.1 7.5 11.3



#59
Bromoform
Concen: 21.967 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion:173 Resp: 112012
Ion Ratio Lower Upper
173 100
175 48.1 38.3 57.5
254 7.4 5.6 8.4

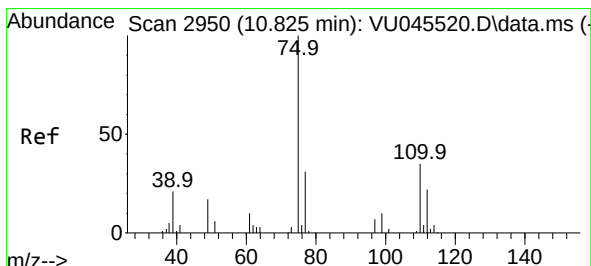
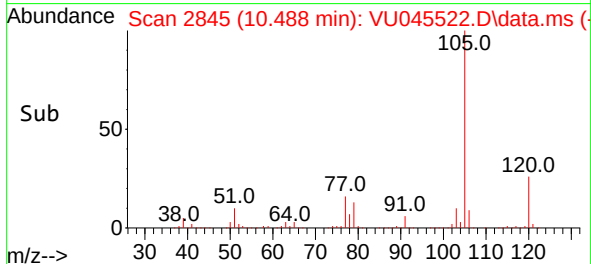
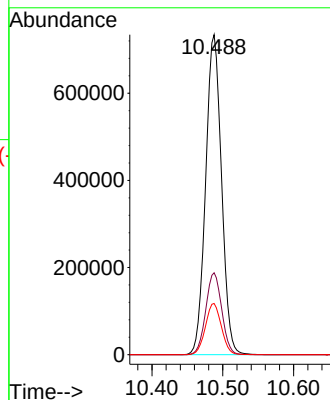
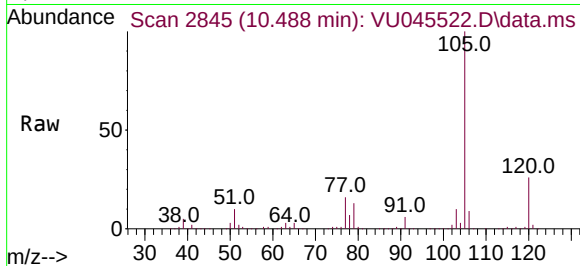




#60
Isopropylbenzene
Concen: 21.983 ug/L
RT: 10.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

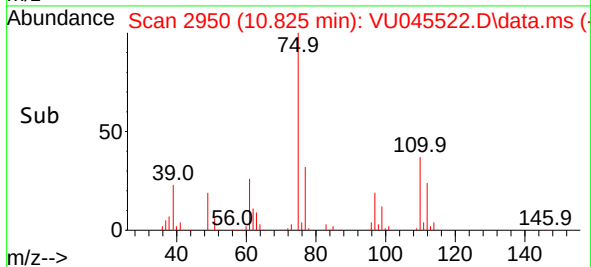
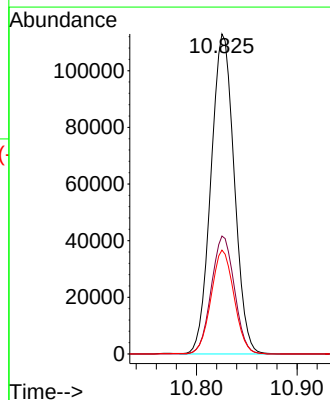
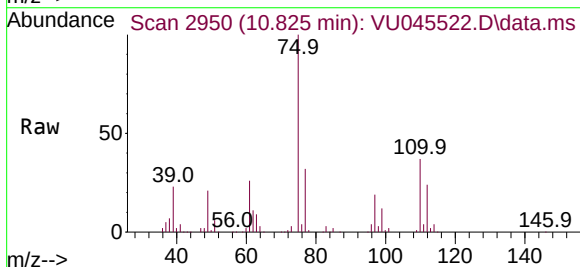
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

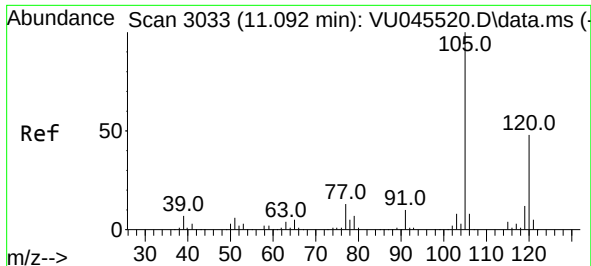
Tgt Ion:105 Resp: 1140523
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 19.905 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion: 75 Resp: 181657
Ion Ratio Lower Upper
75 100
110 36.5 28.4 42.6
77 32.1 25.1 37.7





#62

1,3,5-Trimethylbenzene

Concen: 22.796 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

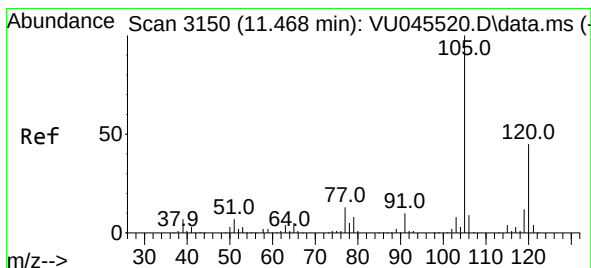
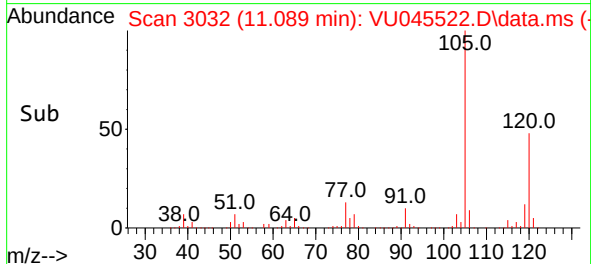
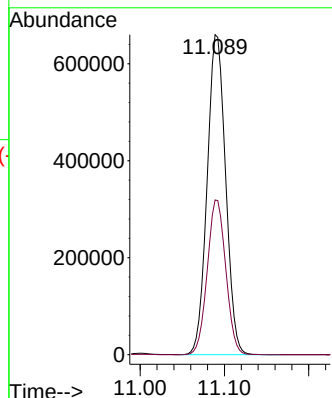
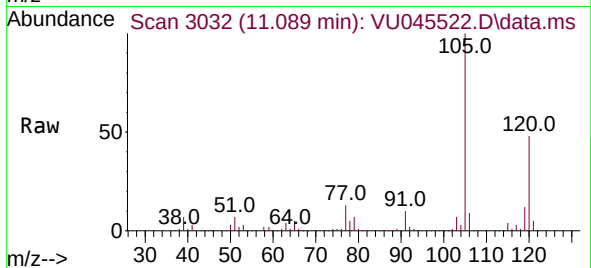
VSTD020032

Tgt Ion:105 Resp: 1004238

Ion Ratio Lower Upper

105 100

120 48.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 22.647 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU045522.D

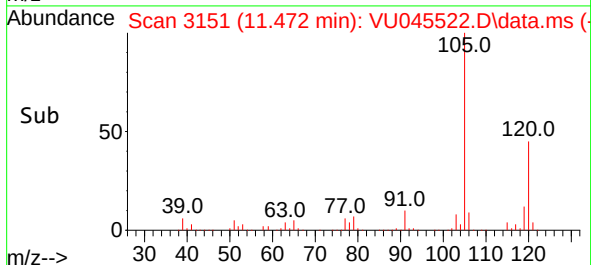
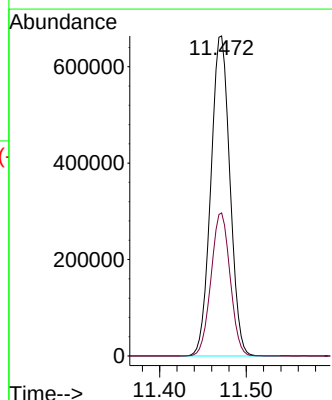
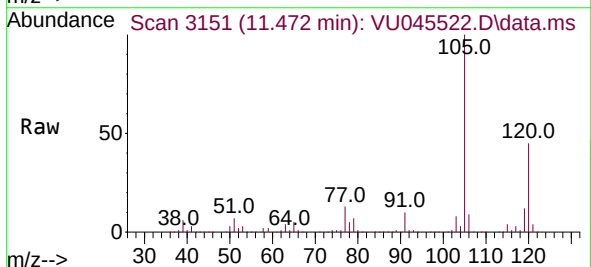
Acq: 03 Nov 2021 14:28

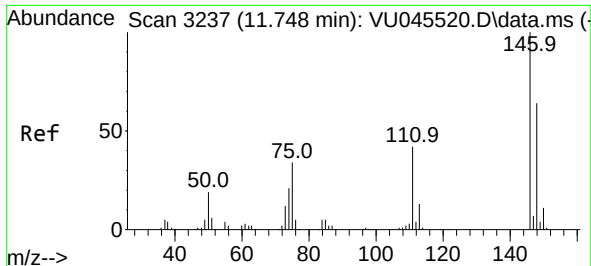
Tgt Ion:105 Resp: 1015408

Ion Ratio Lower Upper

105 100

120 44.7 36.2 54.2

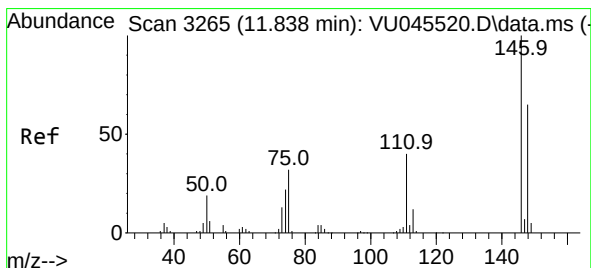
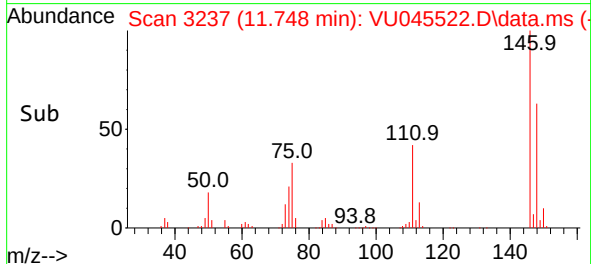
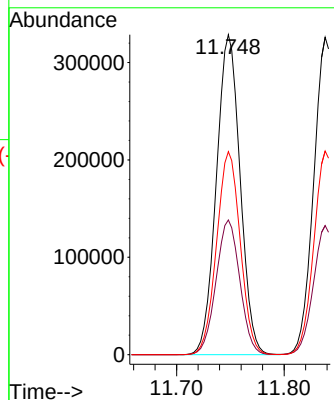
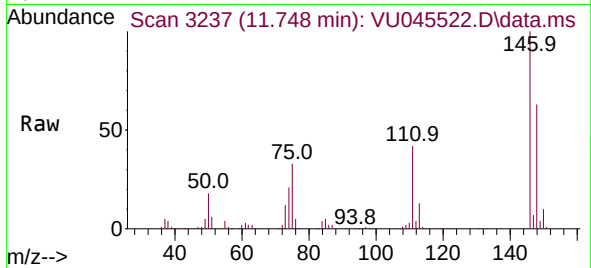




#64
1,3-Dichlorobenzene
Concen: 20.661 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

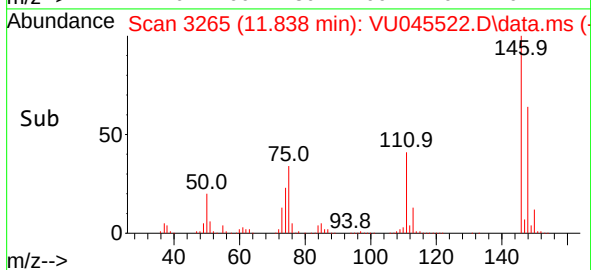
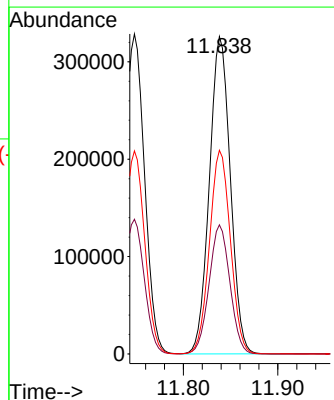
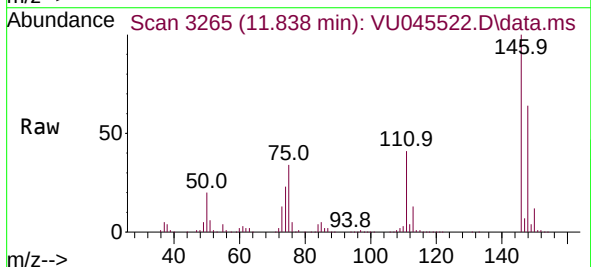
Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

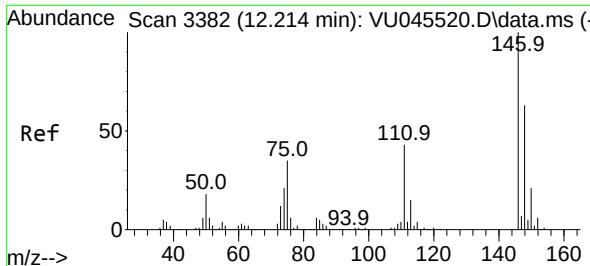
Tgt Ion:146 Resp: 504397
Ion Ratio Lower Upper
146 100
111 42.1 29.4 54.6
148 63.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 20.010 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion:146 Resp: 501470
Ion Ratio Lower Upper
146 100
111 40.6 28.3 52.5
148 64.2 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 20.891 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD020032

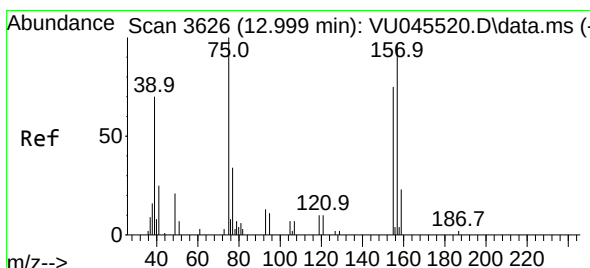
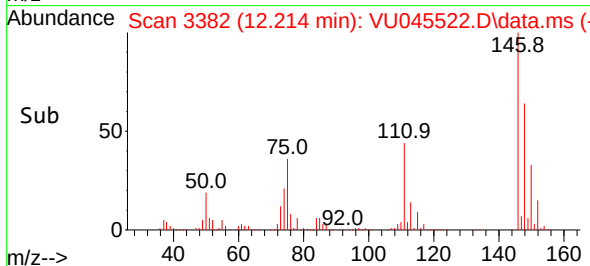
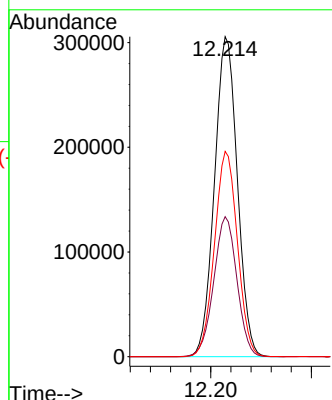
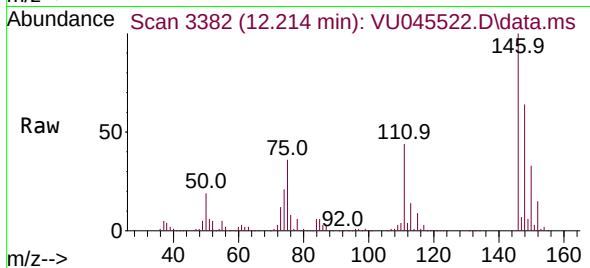
Tgt Ion:146 Resp: 483580

Ion Ratio Lower Upper

146 100

111 43.7 34.2 51.2

148 64.2 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 21.881 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045522.D

Acq: 03 Nov 2021 14:28

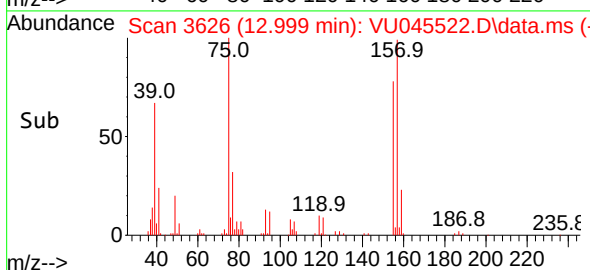
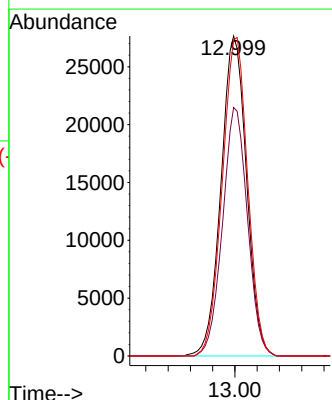
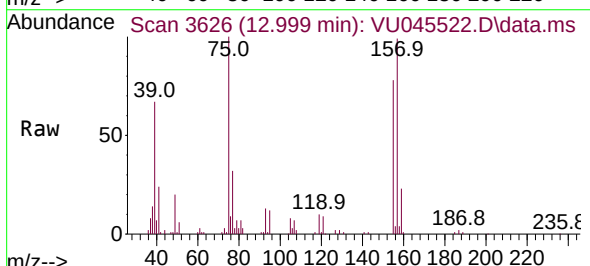
Tgt Ion: 75 Resp: 44079

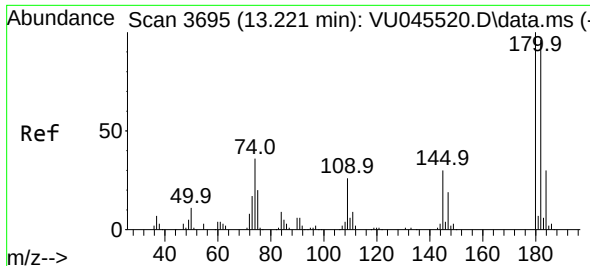
Ion Ratio Lower Upper

75 100

155 77.7 60.1 90.1

157 99.0 76.5 114.7

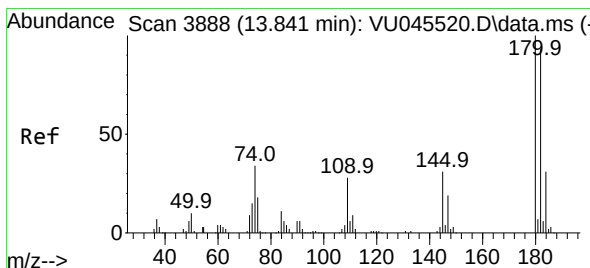
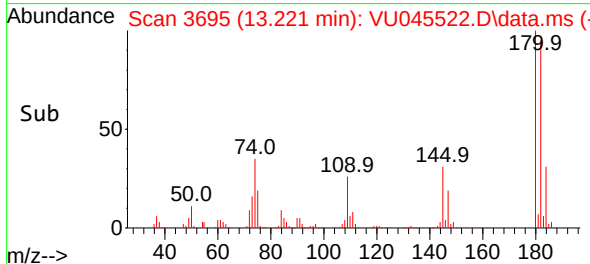
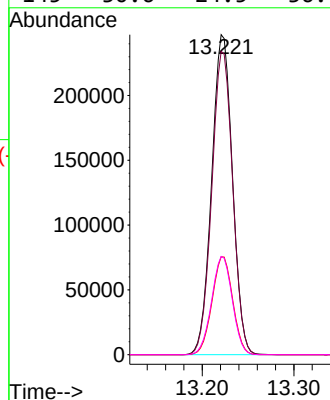
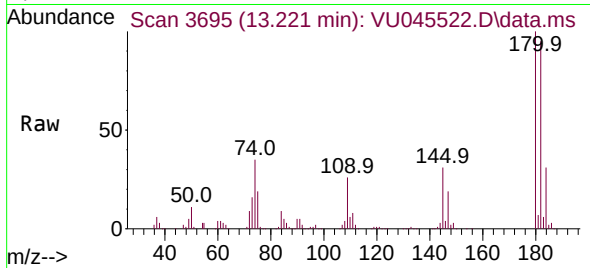




#69
 1,3,5-Trichlorobenzene
 Concen: 20.850 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU045522.D
 Acq: 03 Nov 2021 14:28

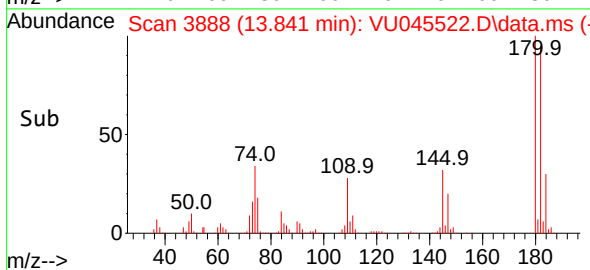
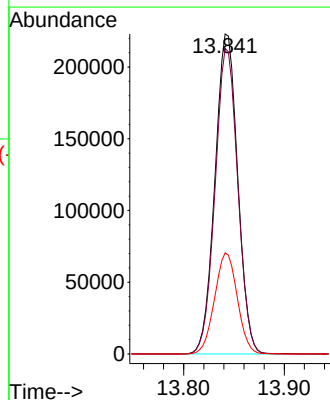
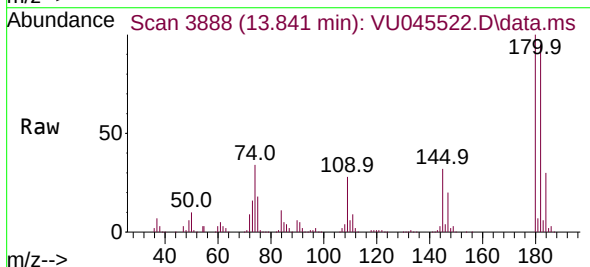
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020032

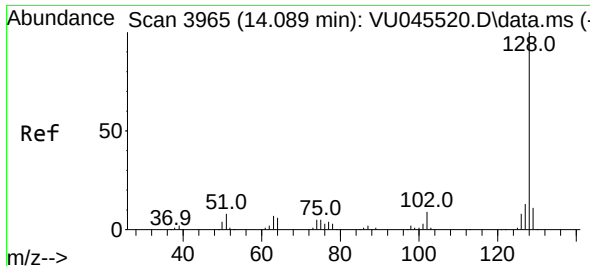
Tgt Ion:180 Resp: 388186
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.2 114.2
 184 30.5 23.9 35.9
 145 30.6 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 22.124 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU045522.D
 Acq: 03 Nov 2021 14:28

Tgt Ion:180 Resp: 350572
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.5 113.3
 145 31.6 25.3 37.9

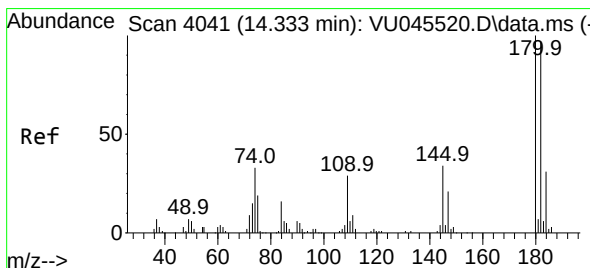
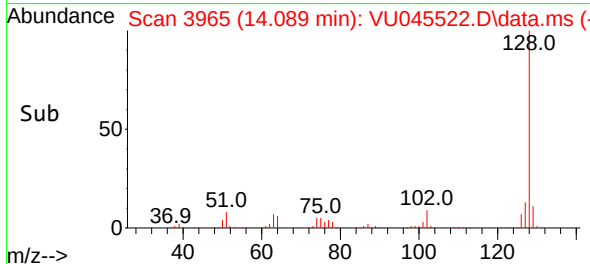
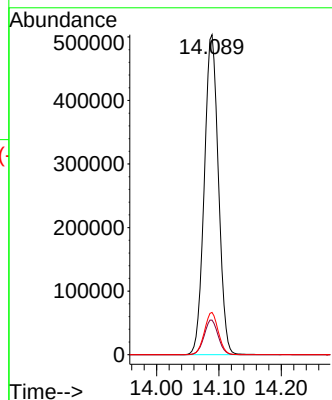
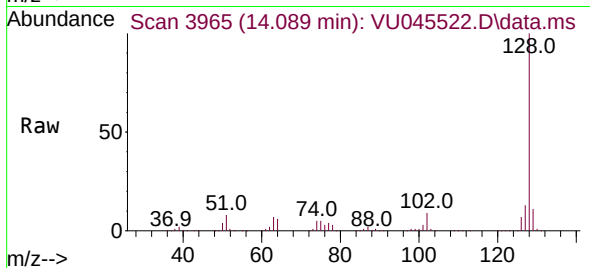




#71
Naphthalene
Concen: 24.636 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD020032

Tgt Ion:128 Resp: 792190
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 22.213 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU045522.D
Acq: 03 Nov 2021 14:28

Tgt Ion:180 Resp: 325286
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.4
145 33.3 27.4 41.2

