

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045086.D
 Acq On : 04 Oct 2021 10:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050084

Quant Time: Oct 05 02:35:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	265238	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	255480	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	128914	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101143	34.834	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.660%
7) Chloroethane-d5	1.912	69	88508	38.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.940%
11) 1,1-Dichloroethene-d2	2.572	63	192174	39.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.820%
21) 2-Butanone-d5	4.629	46	209401	91.223	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.220%
24) Chloroform-d	5.070	84	201669	43.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.960%
26) 1,2-Dichloroethane-d4	5.706	65	134761	43.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.760%
32) Benzene-d6	5.732	84	383890	43.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.697	67	126141	43.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.280%
41) Toluene-d8	7.903	98	336884	44.035	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.060%
43) trans-1,3-Dichloroprop...	8.182	79	61463	47.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.600%
47) 2-Hexanone-d5	8.636	63	156195	97.507	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.510%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	200840	44.619	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	12.198	152	129543	46.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	120319	47.376	ug/L	98
3) Chloromethane	1.520	50	135071	42.669	ug/L	98
5) Vinyl chloride	1.607	62	141656	45.675	ug/L	99
6) Bromomethane	1.855	94	81727	54.941	ug/L	100
8) Chloroethane	1.935	64	87968	45.193	ug/L	100
9) Trichlorofluoromethane	2.141	101	173048	48.749	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	108271	48.324	ug/L	98
12) 1,1-Dichloroethene	2.584	96	101839	49.582	ug/L	84
13) Acetone	2.633	43	232374	87.574	ug/L	98
14) Carbon disulfide	2.797	76	310949	47.255	ug/L	100
15) Methyl Acetate	2.954	43	147517	45.077	ug/L	96
16) Methylene chloride	3.051	84	119808	46.042	ug/L	95
17) trans-1,2-Dichloroethene	3.359	96	106879	49.397	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	367318	51.485	ug/L	99
19) 1,1-Dichloroethane	3.877	63	214615	47.678	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	119598	50.162	ug/L	92
22) 2-Butanone	4.710	43	263912	88.865	ug/L	97
23) Bromochloromethane	4.980	128	58683	48.552	ug/L	95
25) Chloroform	5.096	83	214495	47.933	ug/L	100

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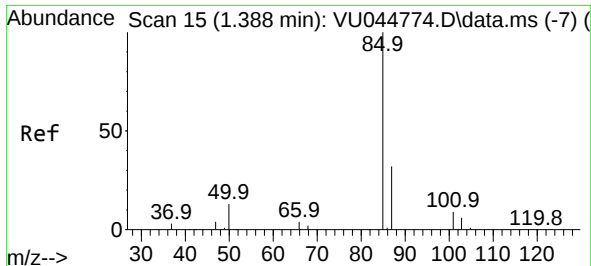
Quant Time: Oct 05 02:35:38 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	179673	48.005	ug/L	100
29) Cyclohexane	5.395	56	196593	51.193	ug/L	97
30) 1,1,1-Trichloroethane	5.324	97	176986	50.045	ug/L	99
31) Carbon tetrachloride	5.530	117	138329	49.523	ug/L	98
33) Benzene	5.780	78	468739	49.468	ug/L	100
34) Trichloroethene	6.546	95	115378	50.694	ug/L	100
35) Methylcyclohexane	6.768	83	199735	52.418	ug/L	97
37) 1,2-Dichloropropane	6.796	63	124237	48.155	ug/L	99
38) Bromodichloromethane	7.112	83	158707	50.185	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	194323	52.641	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	405586	94.109	ug/L	97
42) Toluene	7.973	91	498264	51.753	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	187101	53.304	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	117824	50.394	ug/L	99
46) Tetrachloroethene	8.558	164	80202	49.301	ug/L	98
48) 2-Hexanone	8.687	43	357914	93.652	ug/L	99
49) Dibromochloromethane	8.816	129	115329	49.875	ug/L	100
50) 1,2-Dibromoethane	8.928	107	126444	51.653	ug/L	99
51) Chlorobenzene	9.452	112	296342	49.858	ug/L	99
52) Ethylbenzene	9.575	91	533503	52.455	ug/L	99
53) m,p-Xylene	9.697	106	204745	53.140	ug/L	98
54) o-xylene	10.105	106	203446	53.735	ug/L	99
55) Styrene	10.118	104	345485	53.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	208609	46.598	ug/L	99
59) Bromoform	10.295	173	80747	50.504	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	172074	48.260	ug/L	99
61) Isopropylbenzene	10.488	105	527943	55.959	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	453729	57.587	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	465639	57.712	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	227348	52.144	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	228854	51.159	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	231757	51.779	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	53178	51.898	ug/L	93
69) 1,3,5-Trichlorobenzene	13.224	180	161938	53.519	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	141738	56.371	ug/L	99
71) Naphthalene	14.089	128	530007	60.828	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	142794	55.506	ug/L	99

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

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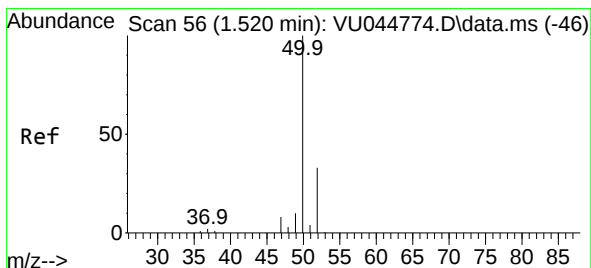
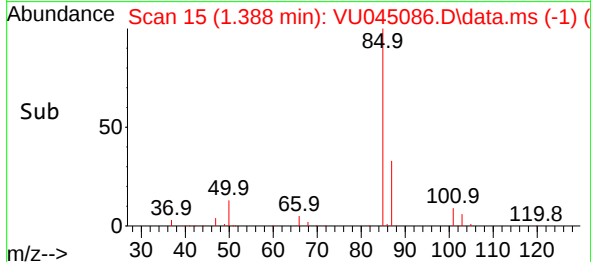
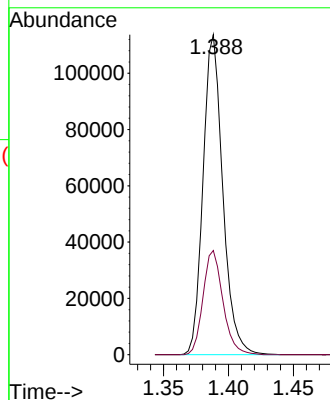
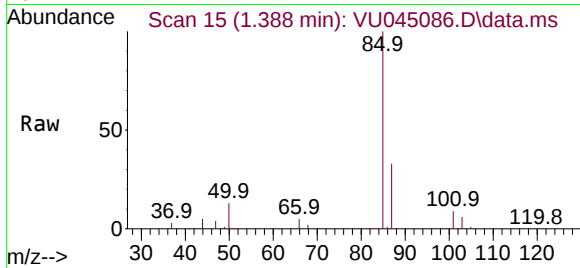




#2
Dichlorodifluoromethane
Concen: 47.376 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

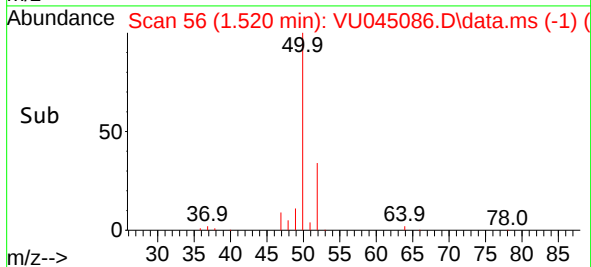
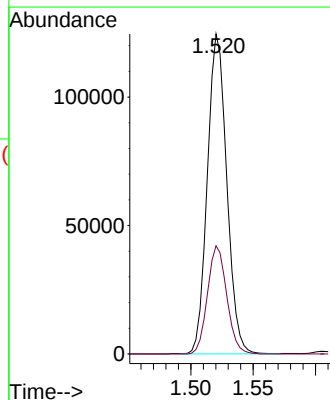
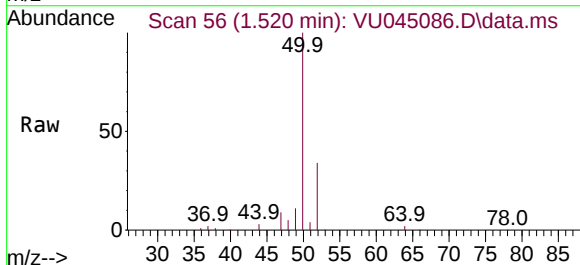
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

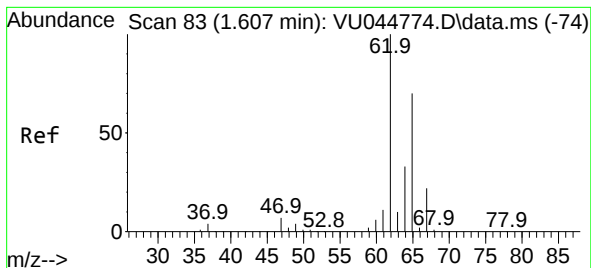
Tgt Ion: 85 Resp: 120319
Ion Ratio Lower Upper
85 100
87 32.8 25.2 37.8



#3
Chloromethane
Concen: 42.669 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion: 50 Resp: 135071
Ion Ratio Lower Upper
50 100
52 33.8 23.0 42.8





#5

Vinyl chloride

Concen: 45.675 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

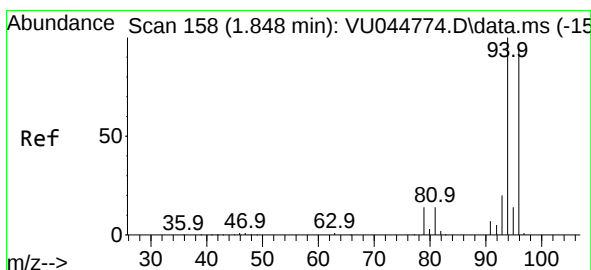
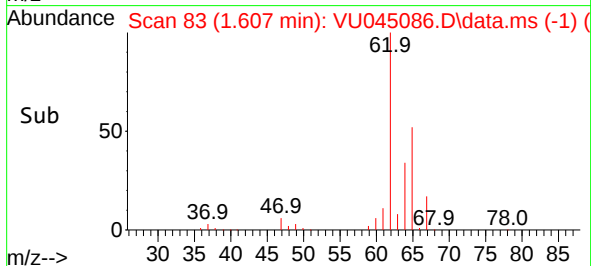
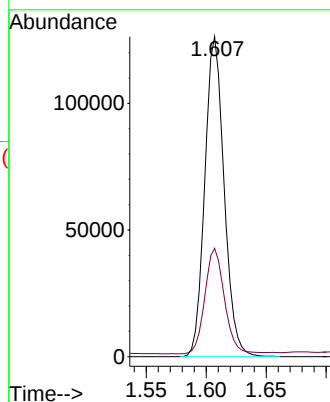
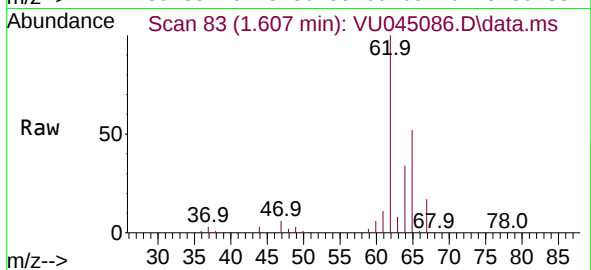
VSTD050084

Tgt Ion: 62 Resp: 141656

Ion Ratio Lower Upper

62 100

64 33.8 23.4 43.6



#6

Bromomethane

Concen: 54.941 ug/L

RT: 1.855 min Scan# 160

Delta R.T. -0.003 min

Lab File: VU045086.D

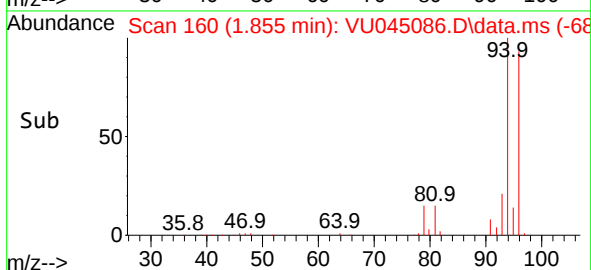
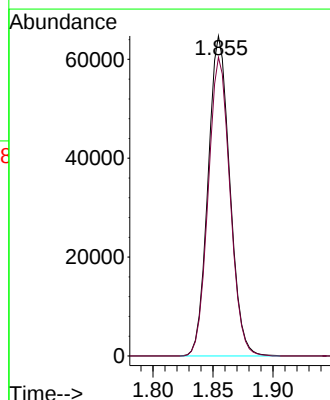
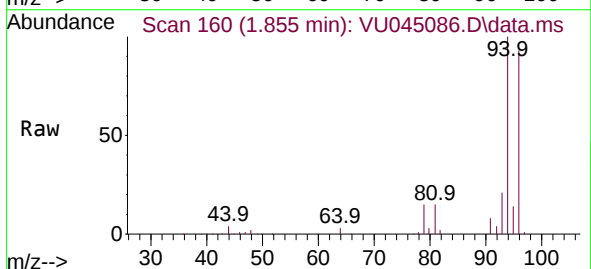
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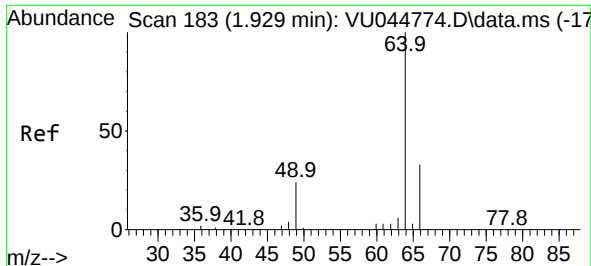
Tgt Ion: 94 Resp: 81727

Ion Ratio Lower Upper

94 100

96 93.4 65.7 121.9

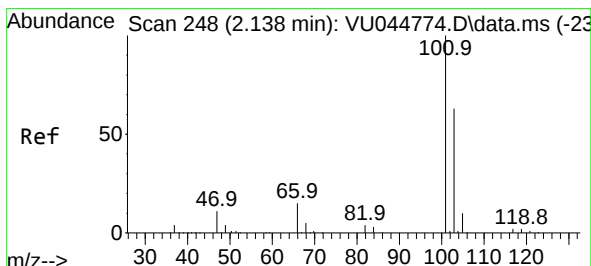
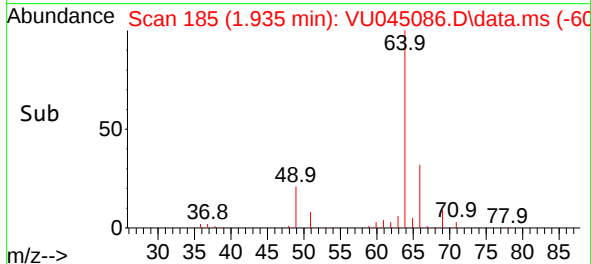
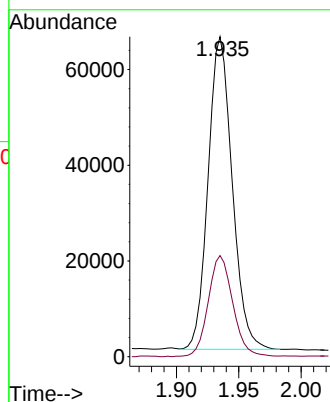
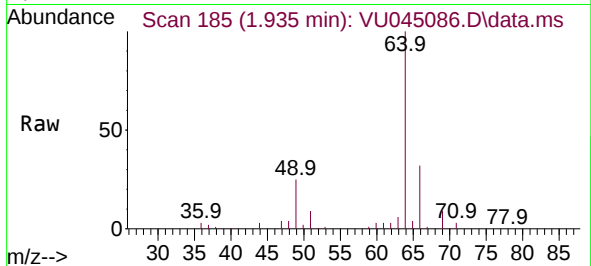




#8
Chloroethane
Concen: 45.193 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

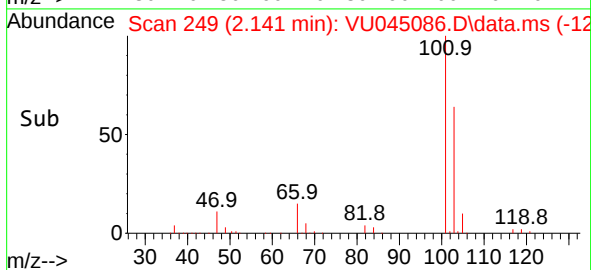
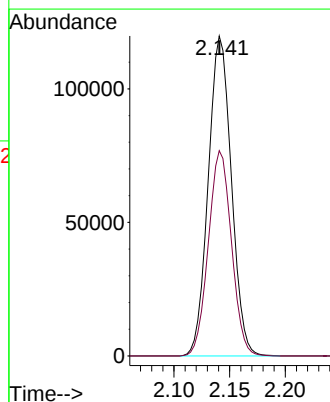
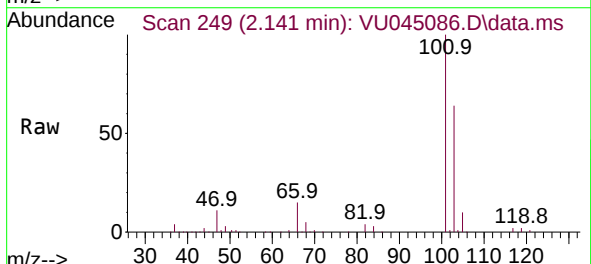
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

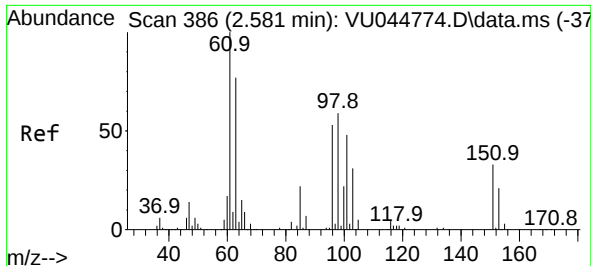
Tgt Ion: 64 Resp: 87968
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 48.749 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:101 Resp: 173048
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3





#10

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

Concen: 48.324 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD050084

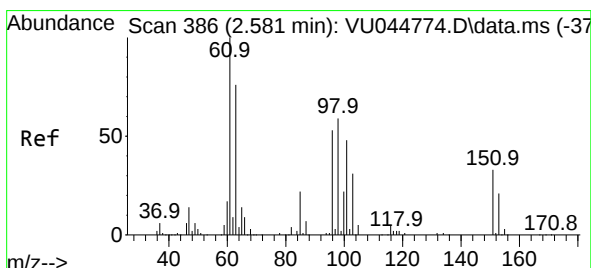
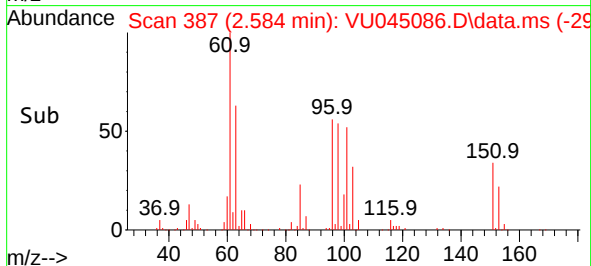
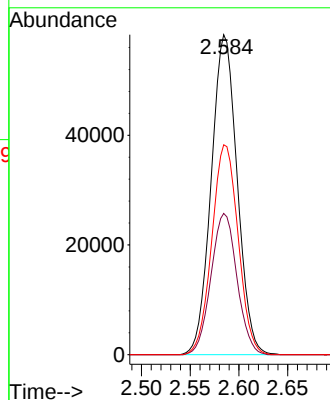
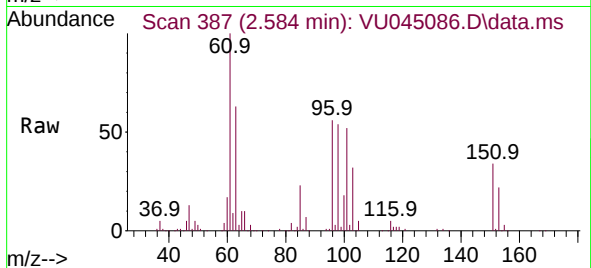
Tgt Ion:101 Resp: 108271

Ion Ratio Lower Upper

101 100

85 44.1 36.4 54.6

151 66.4 54.4 81.6



#12

1,1-Dichloroethene

Concen: 49.582 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

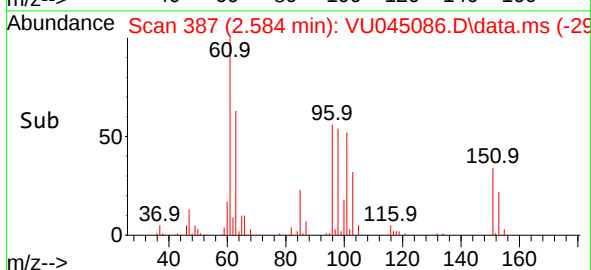
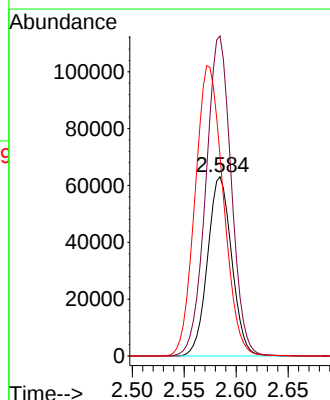
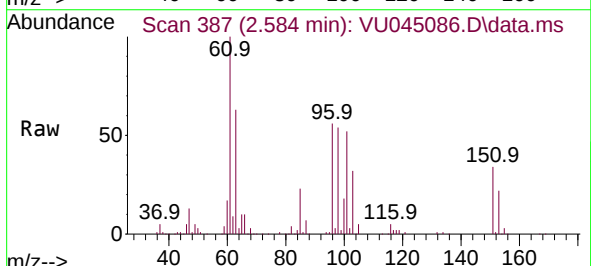
Tgt Ion: 96 Resp: 101839

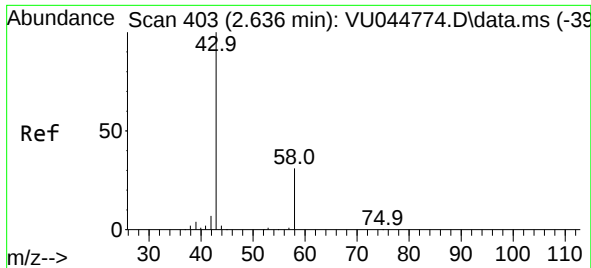
Ion Ratio Lower Upper

96 100

61 178.5 131.3 243.9

63 111.6 102.5 190.3

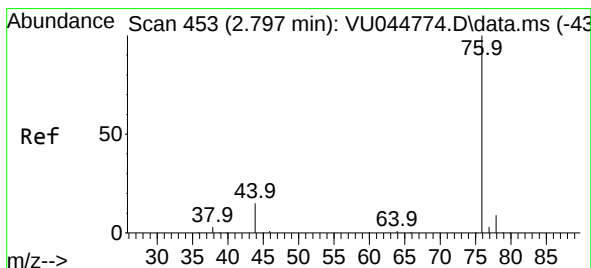
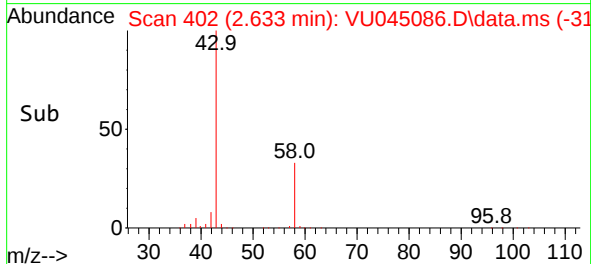
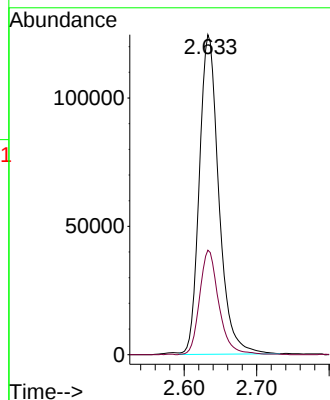
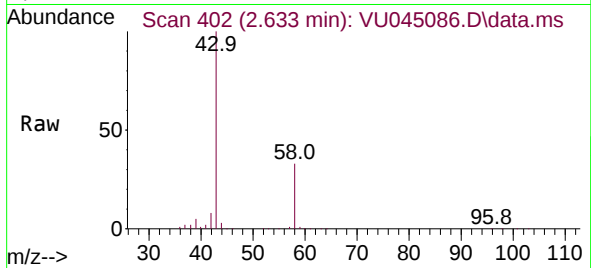




#13
Acetone
Concen: 87.574 ug/L
RT: 2.633 min Scan# 402
Delta R.T. -0.010 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

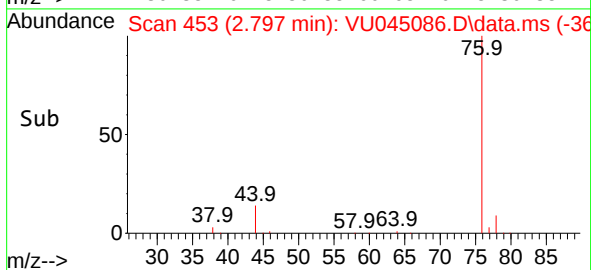
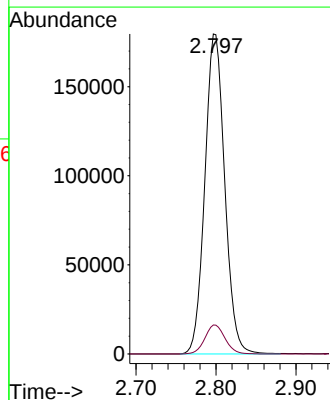
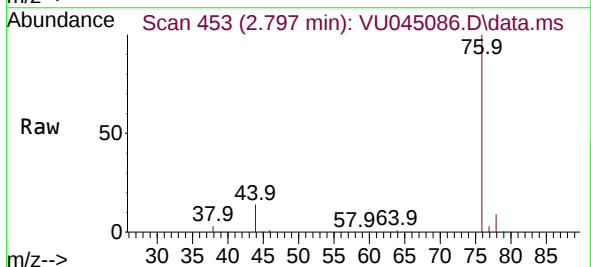
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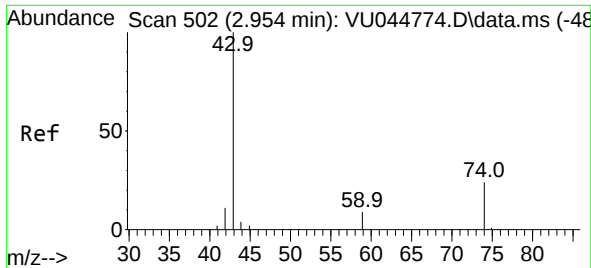
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Ion Ratio Lower Upper
43 100
58 32.3 0.0 62.8



#14
Carbon disulfide
Concen: 47.255 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion: 76 Resp: 310949
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

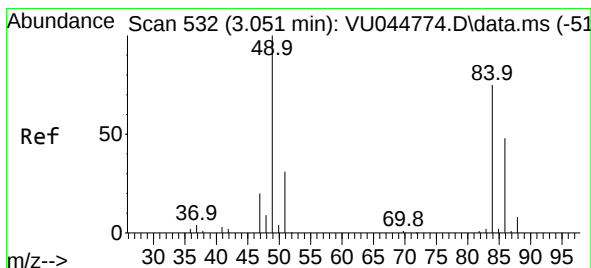
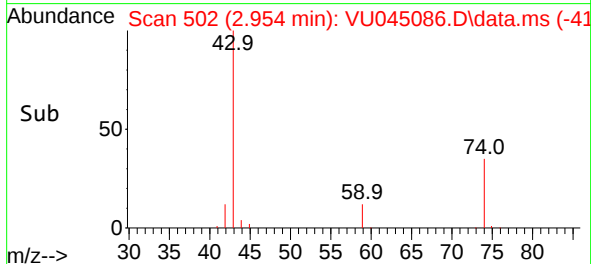
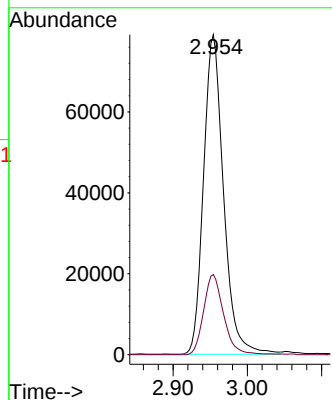
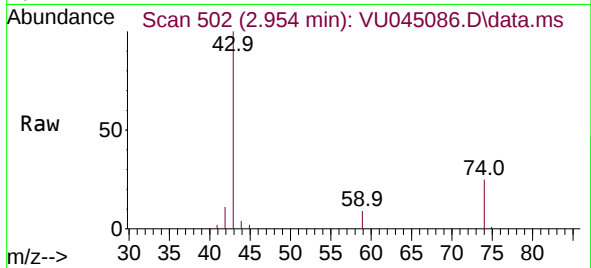




#15
Methyl Acetate
Concen: 45.077 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.003 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

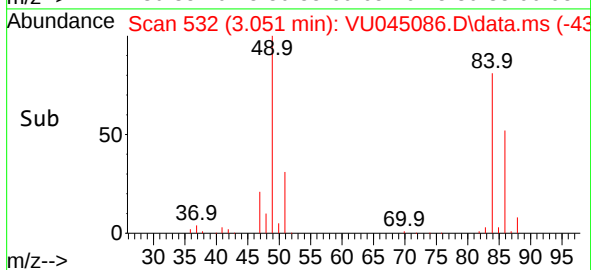
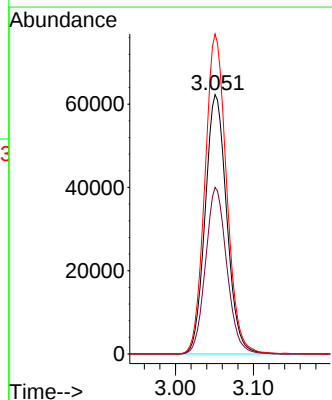
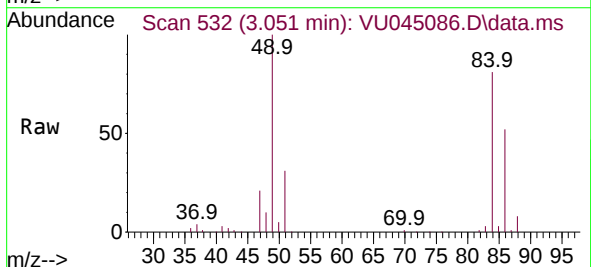
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

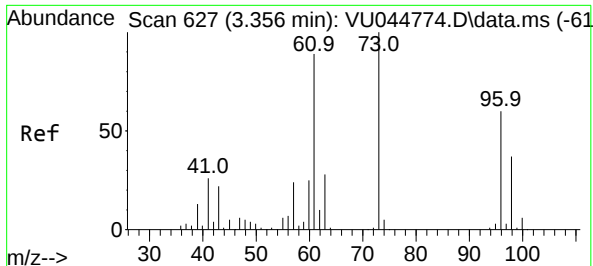
Tgt Ion: 43 Resp: 147517
Ion Ratio Lower Upper
43 100
74 24.9 18.4 27.6



#16
Methylene chloride
Concen: 46.042 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion: 84 Resp: 119808
Ion Ratio Lower Upper
84 100
86 64.3 44.7 83.1
49 123.4 92.9 172.5

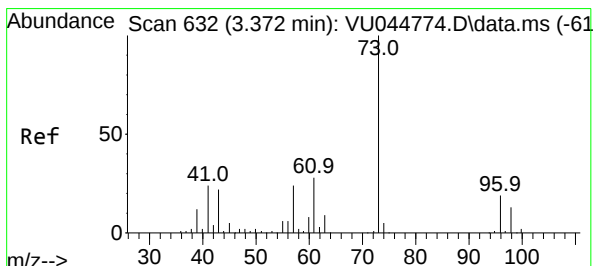
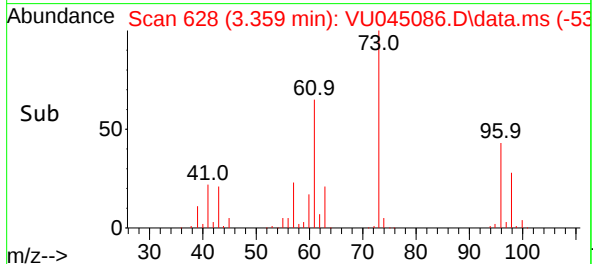
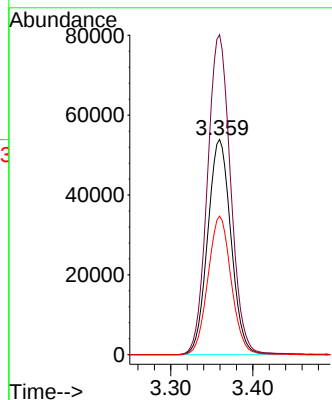
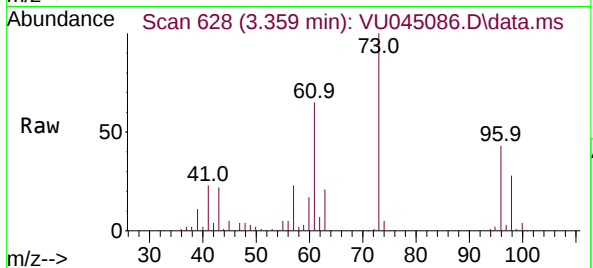




#17
trans-1,2-Dichloroethene
Concen: 49.397 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

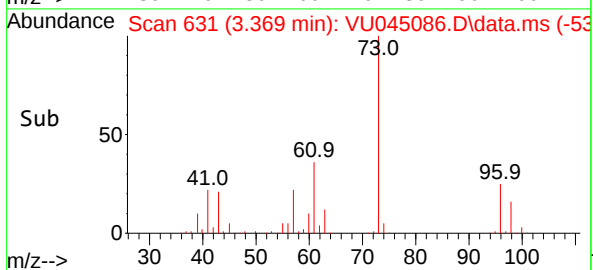
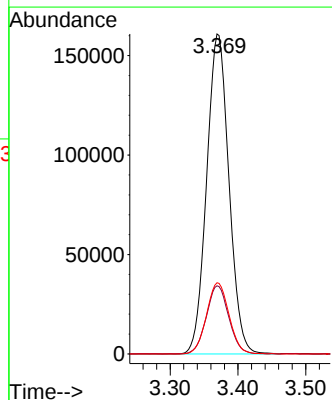
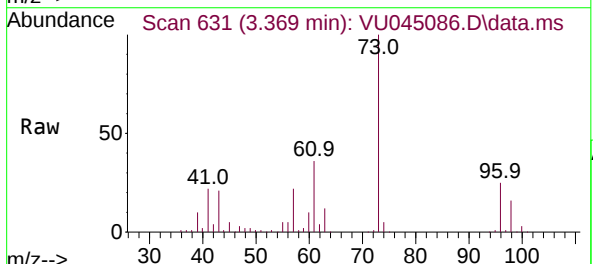
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

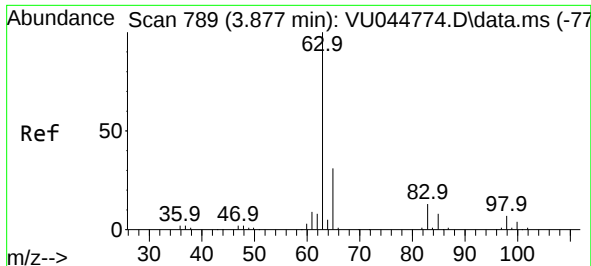
Tgt Ion: 96 Resp: 106879
Ion Ratio Lower Upper
96 100
61 148.7 105.1 195.3
98 64.4 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 51.485 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion: 73 Resp: 367318
Ion Ratio Lower Upper
73 100
43 21.5 17.3 25.9
57 22.4 18.7 28.1





#19

1,1-Dichloroethane

Concen: 47.678 ug/L

RT: 3.877 min Scan# 789

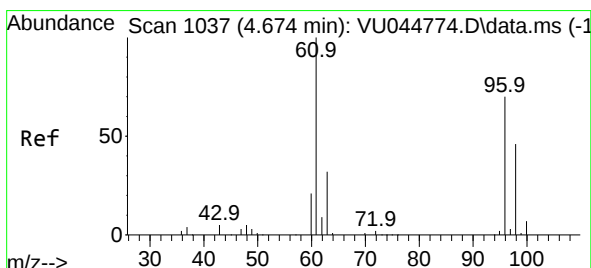
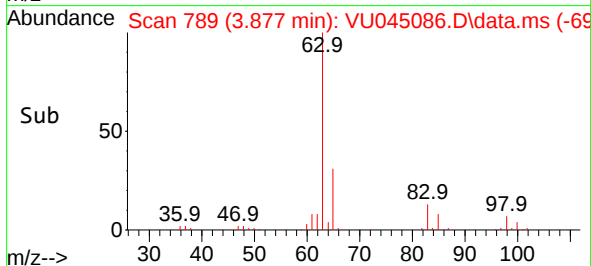
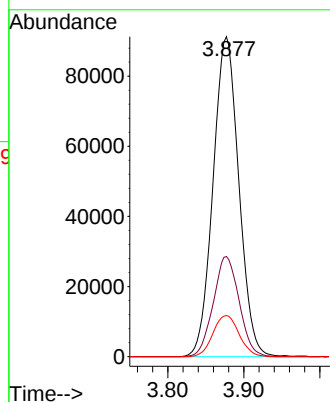
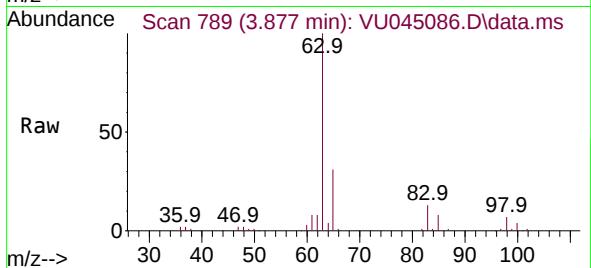
Delta R.T. 0.000 min

Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

Tgt Ion:	63	Resp:	214615
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.0	40.8
83	12.8	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :
VSTD050084



#20

cis-1,2-Dichloroethene

Concen: 50.162 ug/L

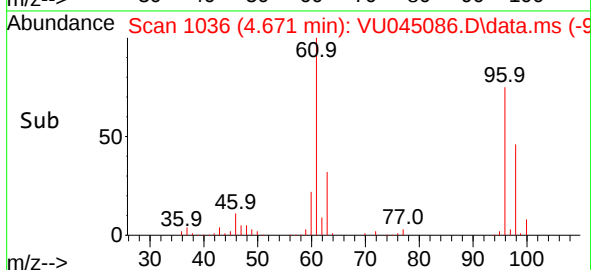
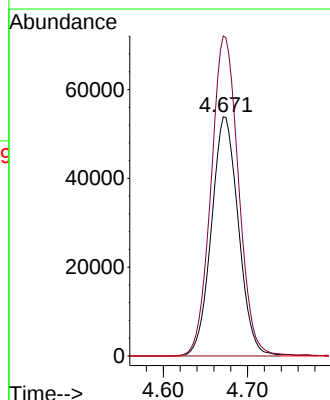
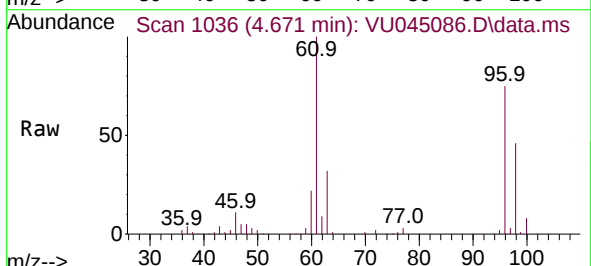
RT: 4.671 min Scan# 1036

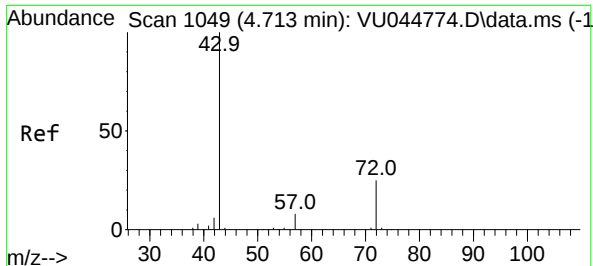
Delta R.T. -0.003 min

Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

Tgt Ion:	96	Resp:	119598
Ion	Ratio	Lower	Upper
96	100		
61	133.8	100.2	186.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 88.865 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.006 min

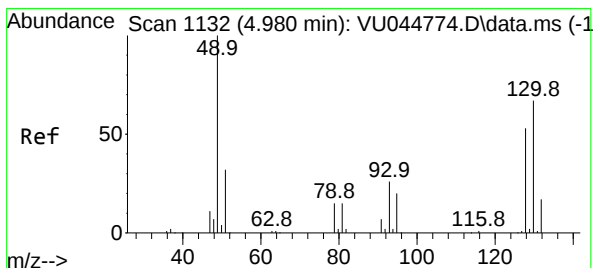
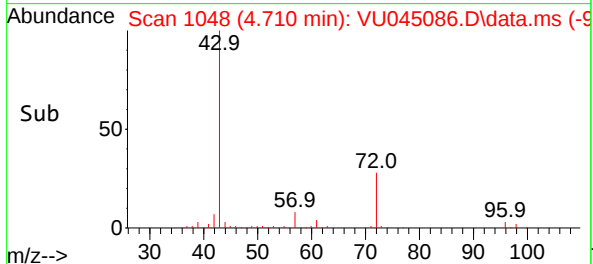
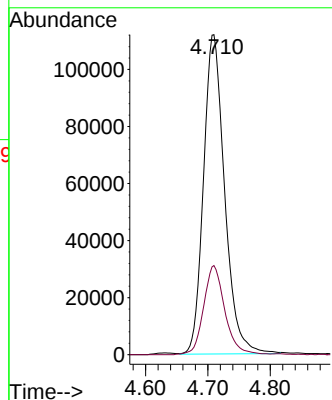
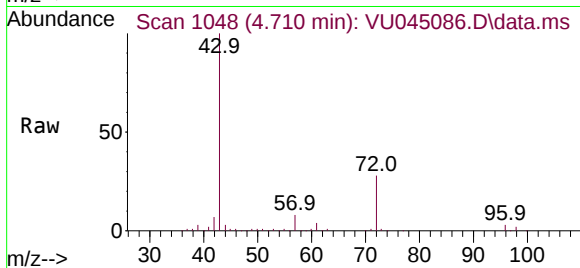
Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

Tgt Ion: 43 Resp: 263912

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
43	100		
72	28.0	13.3	39.9



#23

Bromochloromethane

Concen: 48.552 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

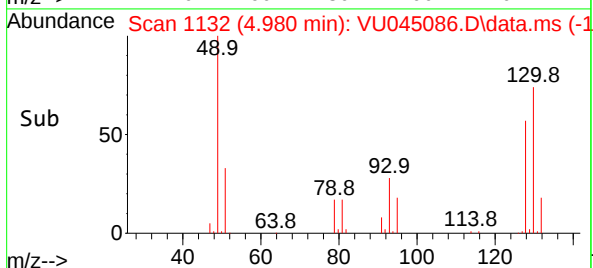
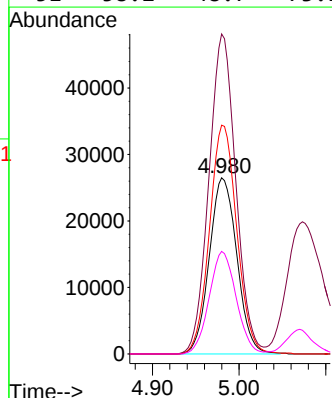
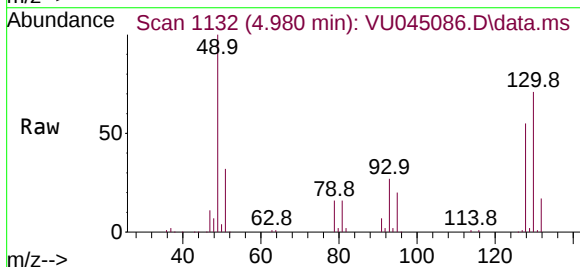
Lab File: VU045086.D

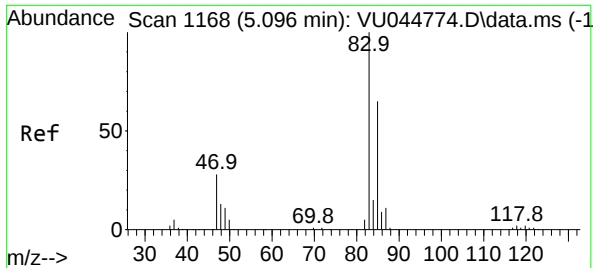
Acq: 04 Oct 2021 10:22

Tgt Ion: 128 Resp: 58683

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
128	100		
49	181.6	132.9	246.7
130	129.9	88.2	163.8
51	58.2	48.7	73.1

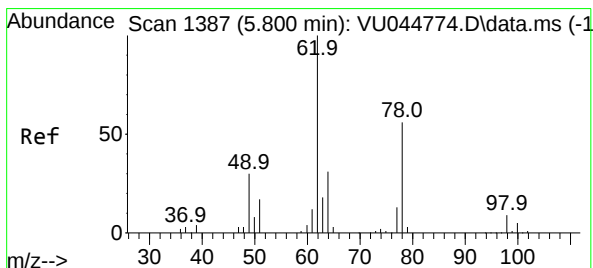
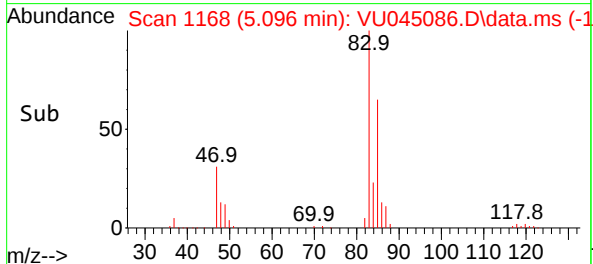
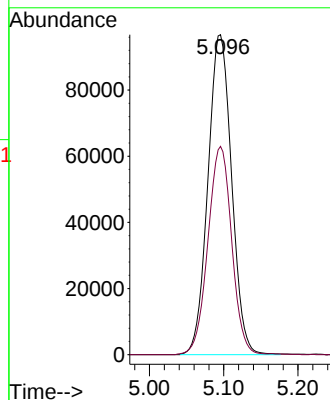
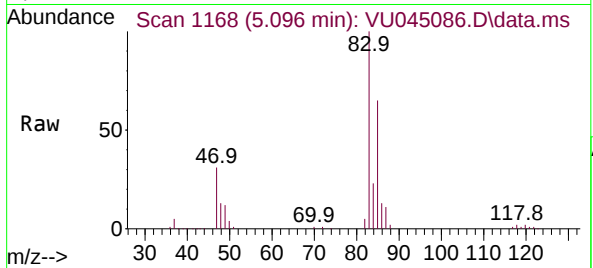




#25
Chloroform
Concen: 47.933 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

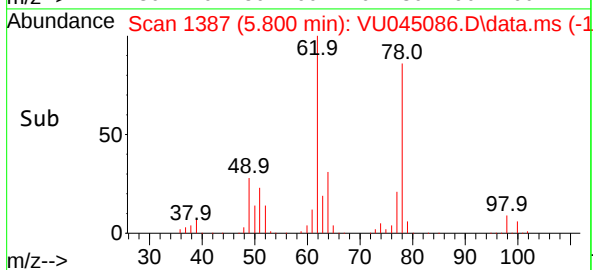
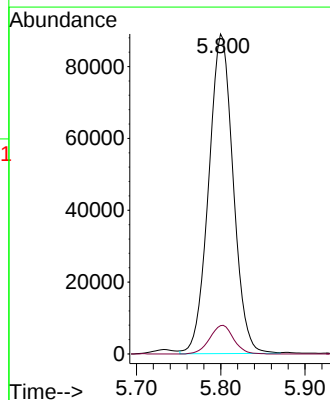
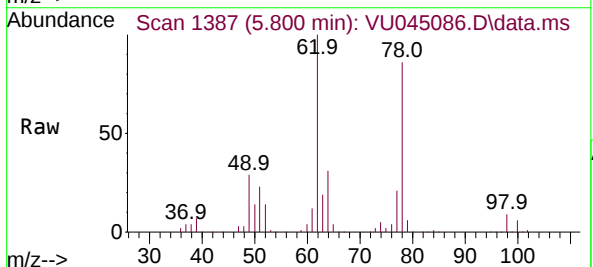
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

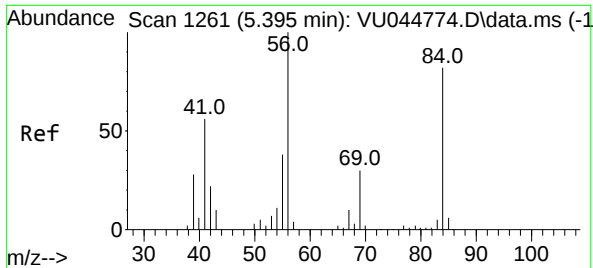
Tgt Ion: 83 Resp: 214495
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.6



#27
1,2-Dichloroethane
Concen: 48.005 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion: 62 Resp: 179673
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#29

Cyclohexane

Concen: 51.193 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

Tgt Ion: 56 Resp: 196593

Ion Ratio Lower Upper

56 100

69 30.7 23.8 35.8

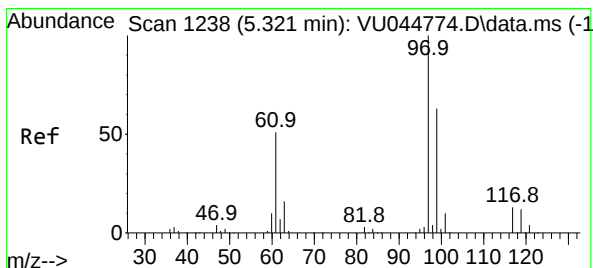
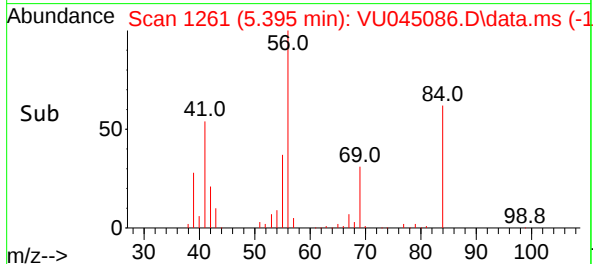
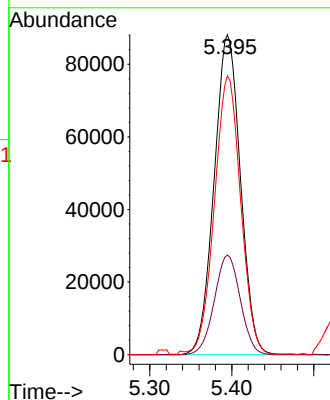
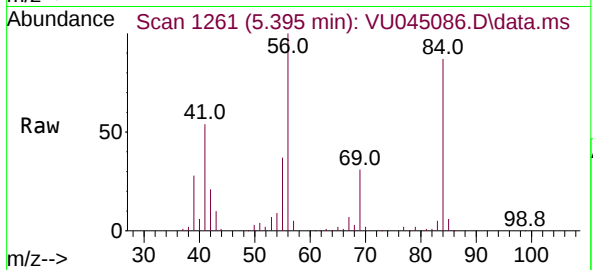
84 86.6 66.8 100.2

Instrument :

MSVOA_U

ClientSampleId :

VSTD050084



#30

1,1,1-Trichloroethane

Concen: 50.045 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

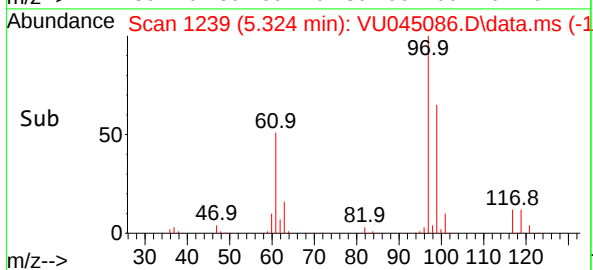
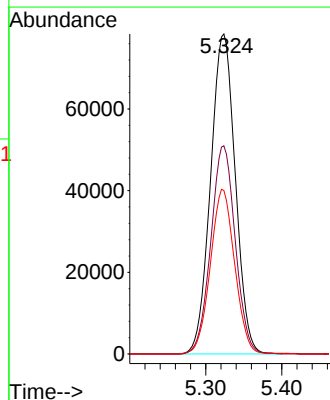
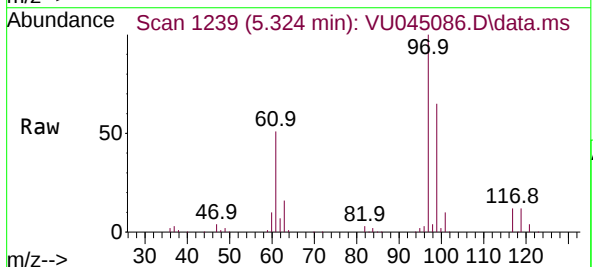
Tgt Ion: 97 Resp: 176986

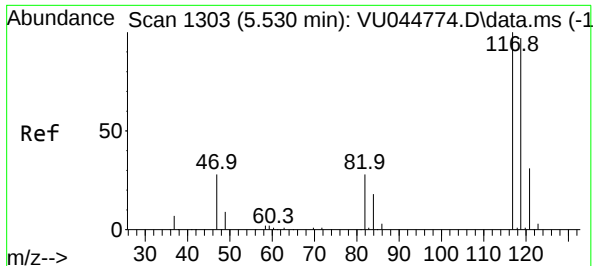
Ion Ratio Lower Upper

97 100

99 64.3 50.6 75.8

61 50.6 41.3 61.9

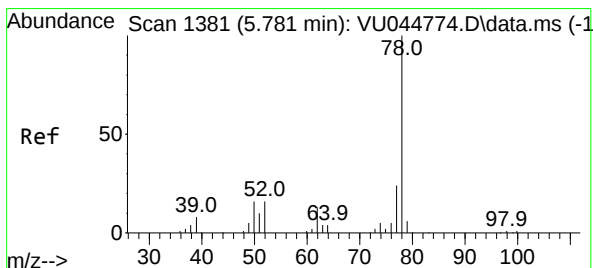
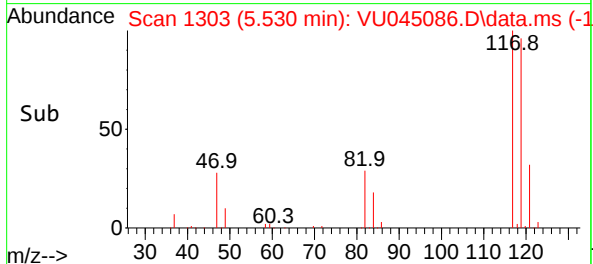
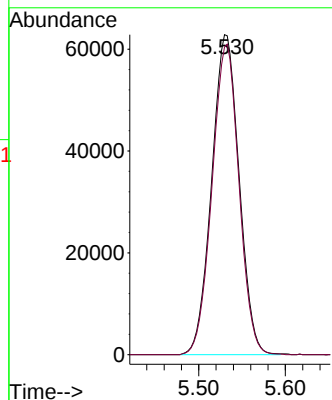
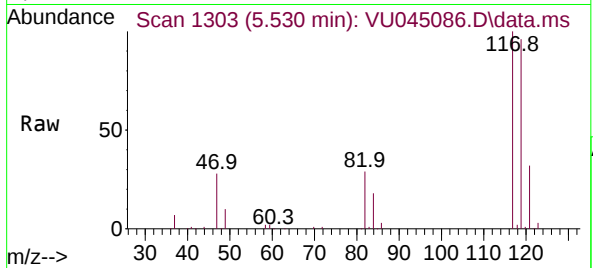




#31
Carbon tetrachloride
Concen: 49.523 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

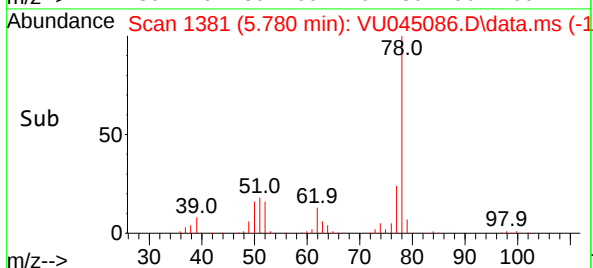
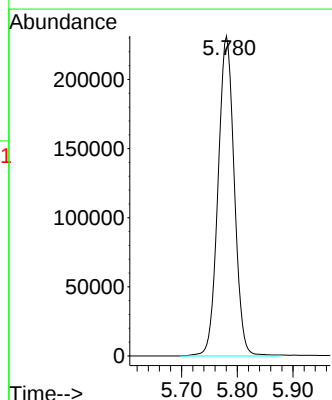
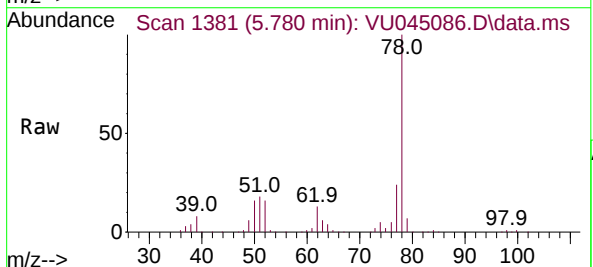
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

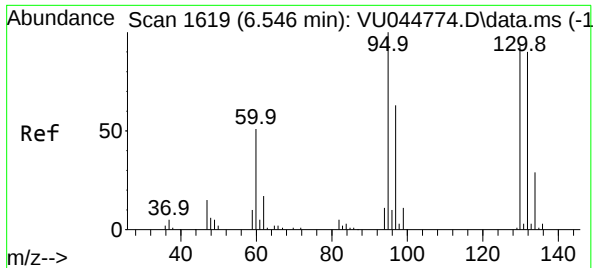
Tgt Ion:117 Resp: 138329
Ion Ratio Lower Upper
117 100
119 95.0 77.7 116.5



#33
Benzene
Concen: 49.468 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion: 78 Resp: 468739





#34

Trichloroethene

Concen: 50.694 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

Tgt Ion: 95 Resp: 115378

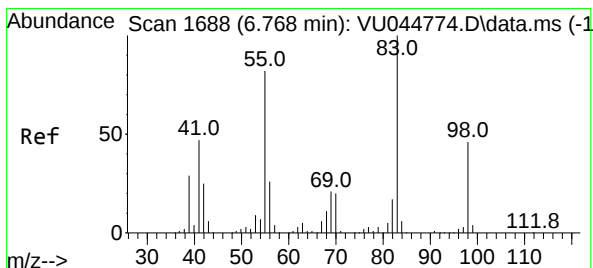
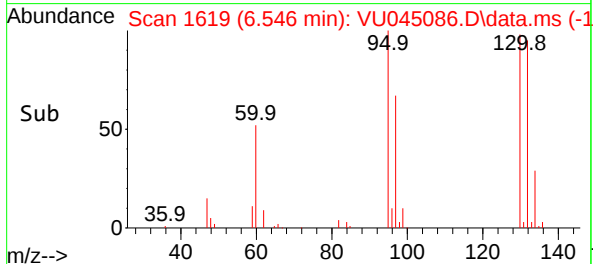
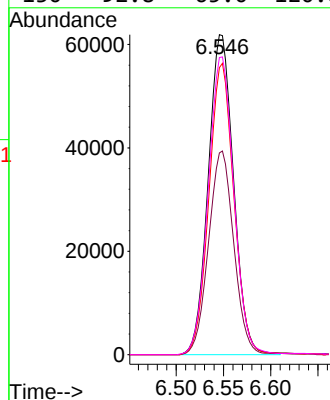
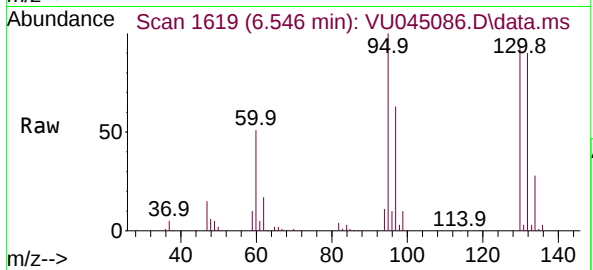
Ion Ratio Lower Upper

95 100

97 63.0 44.4 82.4

132 89.7 62.9 116.9

130 92.8 65.0 120.8



#35

Methylcyclohexane

Concen: 52.418 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU045086.D

Acq: 04 Oct 2021 10:22

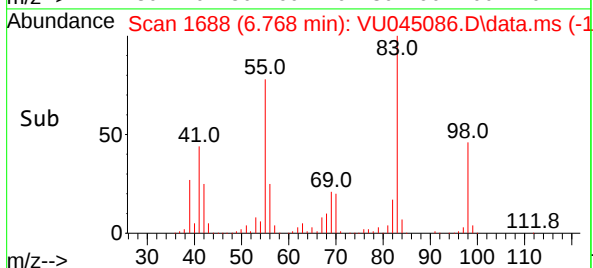
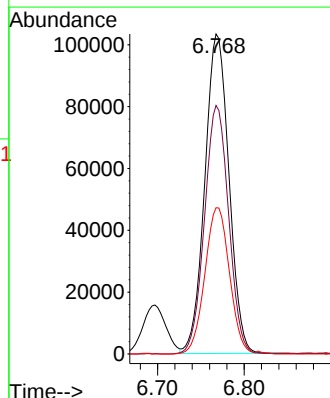
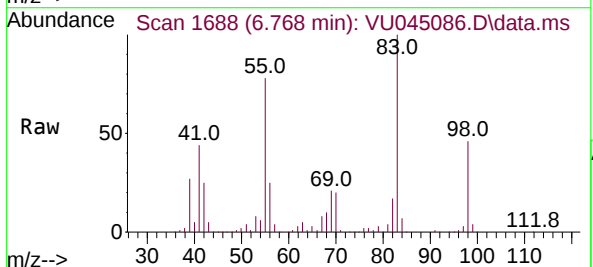
Tgt Ion: 83 Resp: 199735

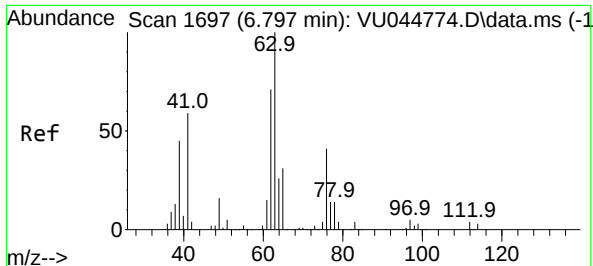
Ion Ratio Lower Upper

83 100

55 78.0 65.8 98.6

98 46.7 37.1 55.7



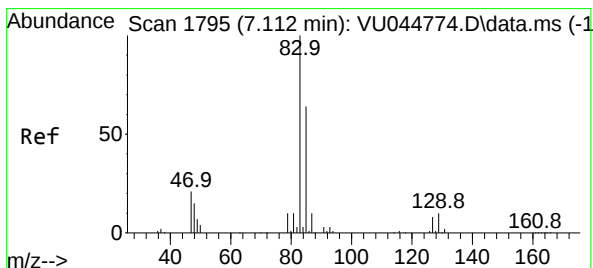
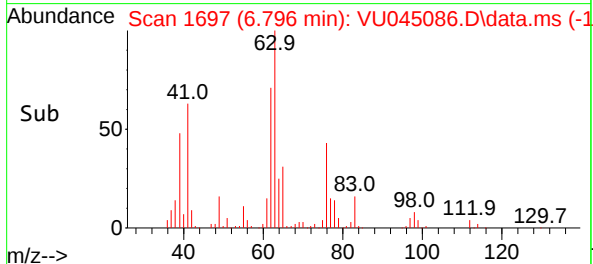
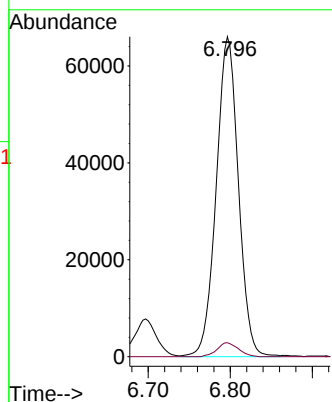
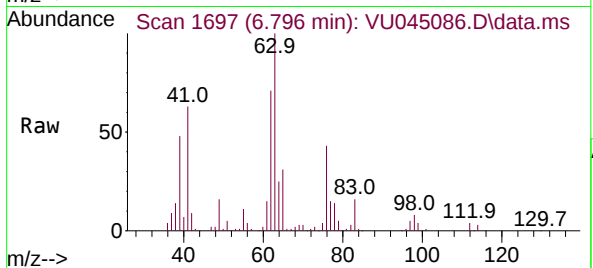


#37

1,2-Dichloropropane
Concen: 48.155 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

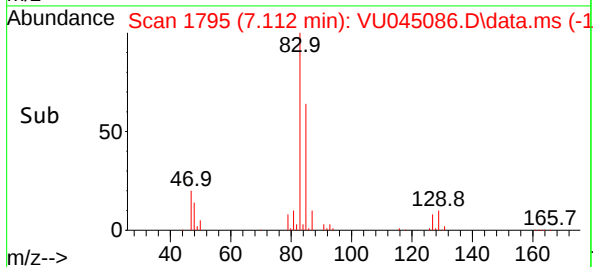
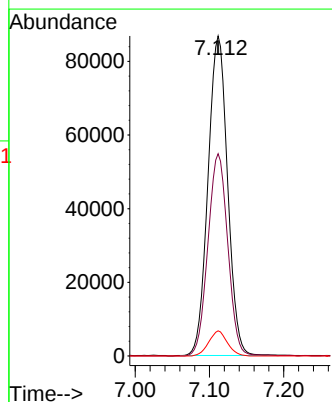
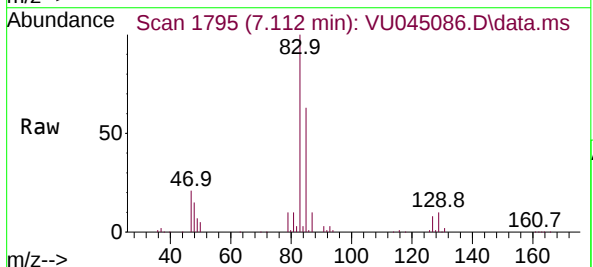
Tgt Ion: 63 Resp: 124237
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8

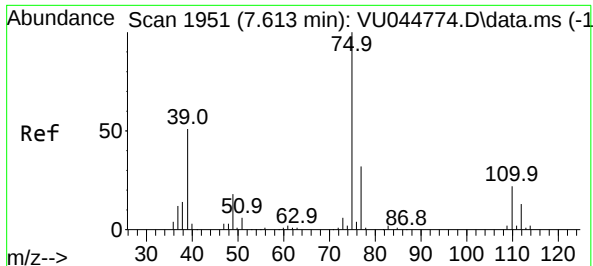


#38

Bromodichloromethane
Concen: 50.185 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion: 83 Resp: 158707
Ion Ratio Lower Upper
83 100
85 63.2 44.6 82.8
127 7.9 6.2 9.2

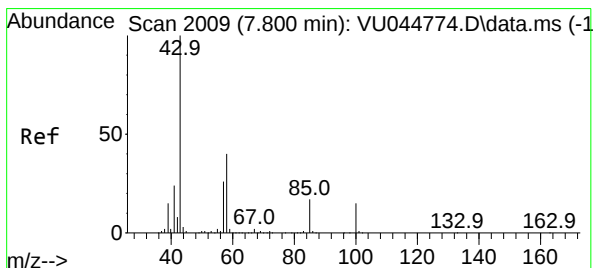
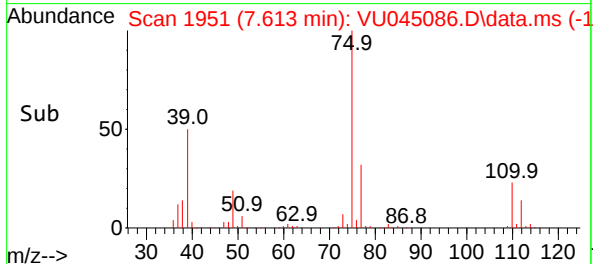
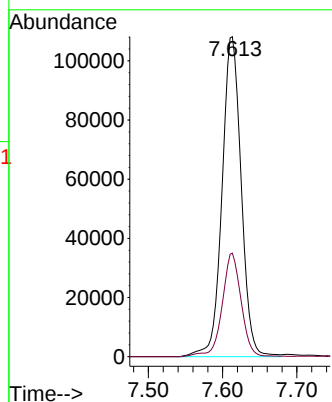
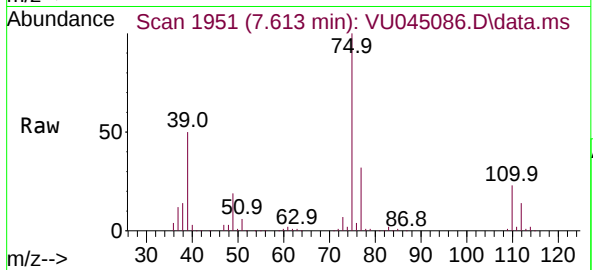




#39
 cis-1,3-Dichloropropene
 Concen: 52.641 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VU045086.D
 Acq: 04 Oct 2021 10:22

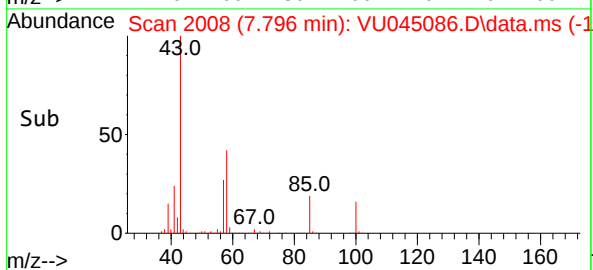
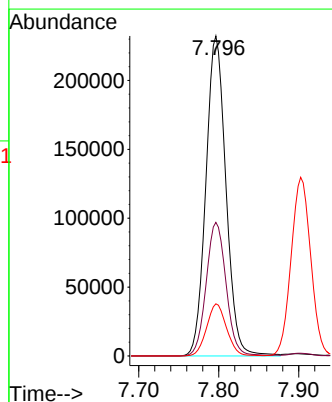
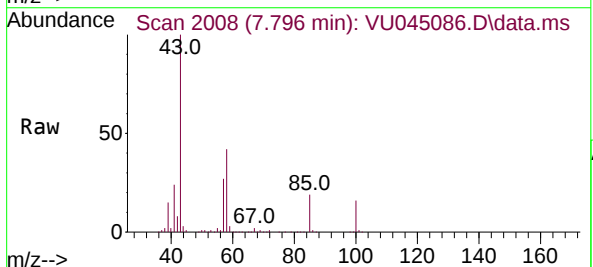
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050084

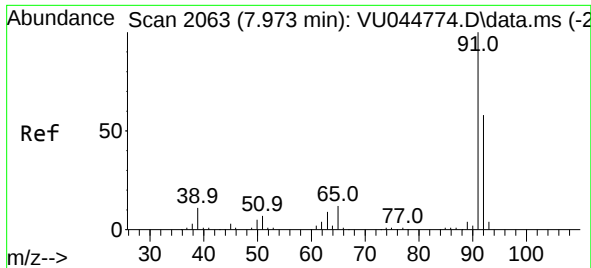
Tgt Ion: 75 Resp: 194323
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 94.109 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. -0.003 min
 Lab File: VU045086.D
 Acq: 04 Oct 2021 10:22

Tgt Ion: 43 Resp: 405586
 Ion Ratio Lower Upper
 43 100
 58 41.5 31.8 47.8
 100 16.2 11.8 17.6

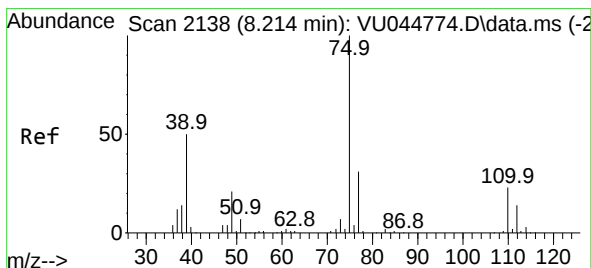
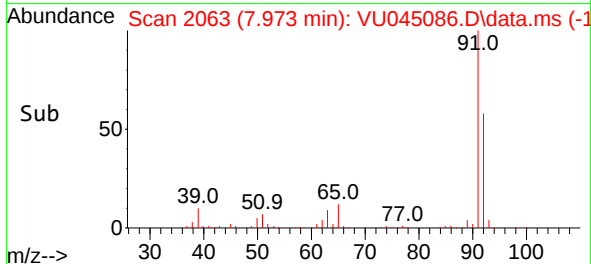
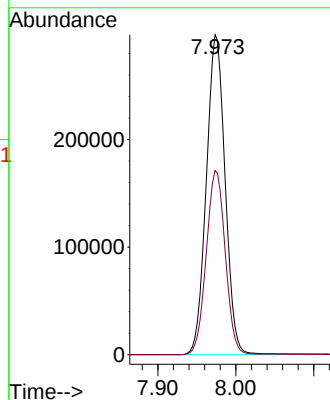
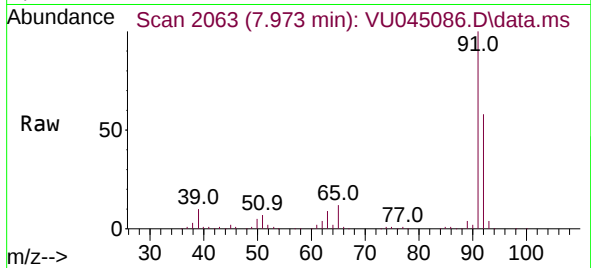




#42
Toluene
Concen: 51.753 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

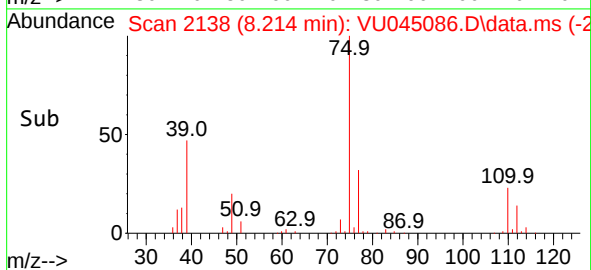
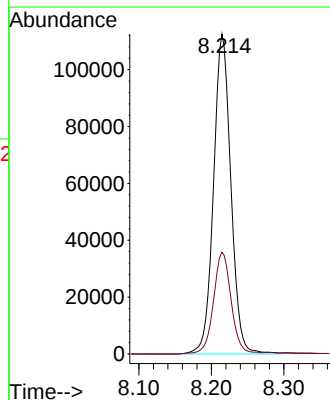
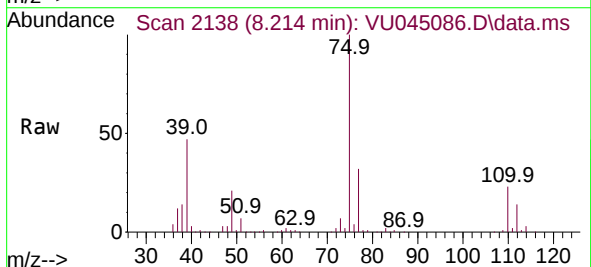
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

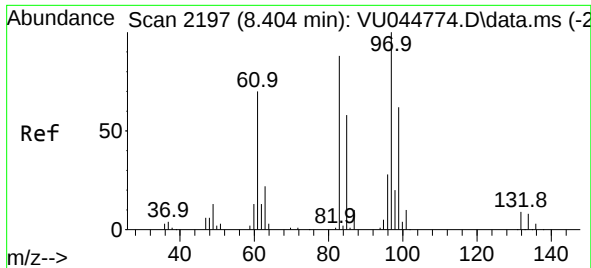
Tgt Ion: 91 Resp: 498264
Ion Ratio Lower Upper
91 100
92 57.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 53.304 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion: 75 Resp: 187101
Ion Ratio Lower Upper
75 100
77 31.8 21.7 40.3

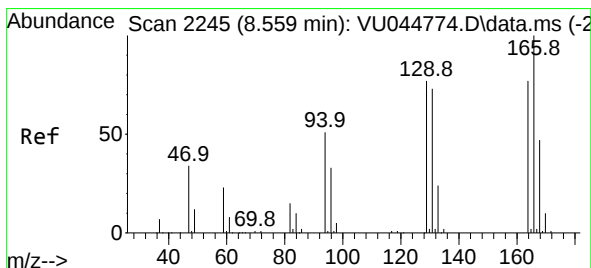
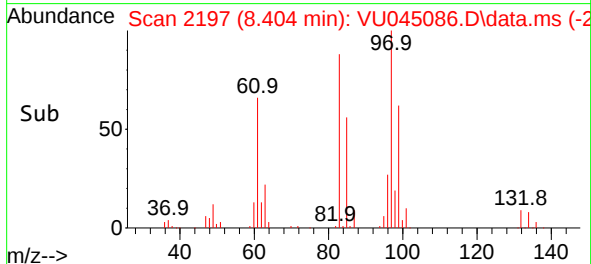
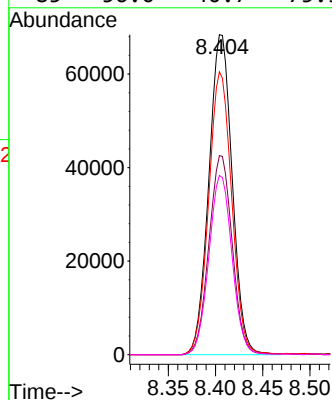
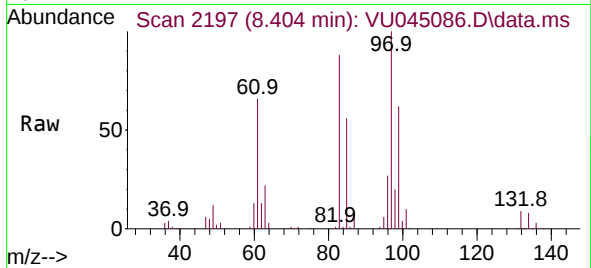




#45
1,1,2-Trichloroethane
Concen: 50.394 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

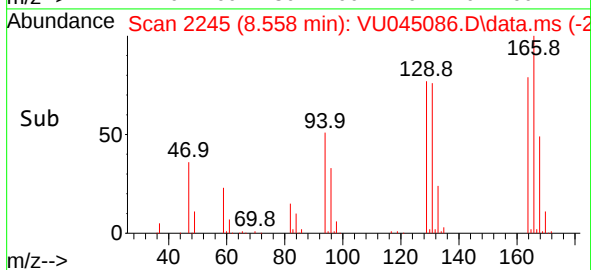
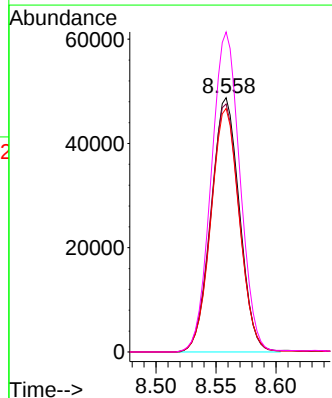
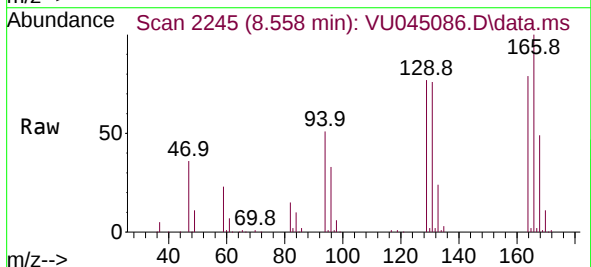
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

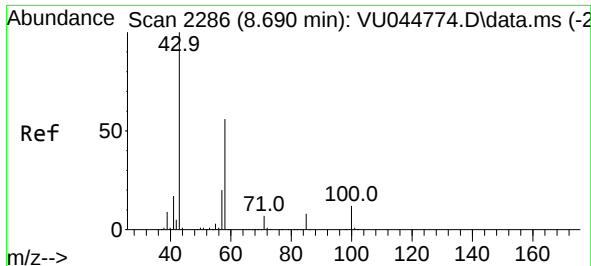
Tgt Ion:	97	Resp:	117824
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.7	81.1
83	88.4	61.9	115.1
85	56.0	40.7	75.5



#46
Tetrachloroethene
Concen: 49.301 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:	164	Resp:	80202
Ion	Ratio	Lower	Upper
164	100		
129	97.5	69.8	129.6
131	95.8	66.4	123.2
166	125.9	91.1	169.3

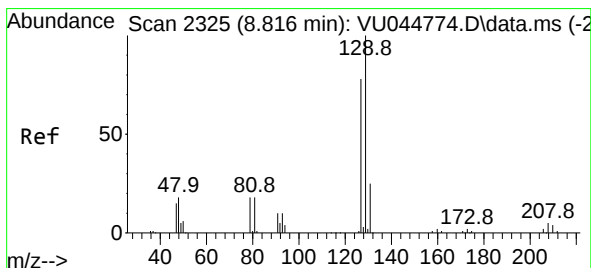
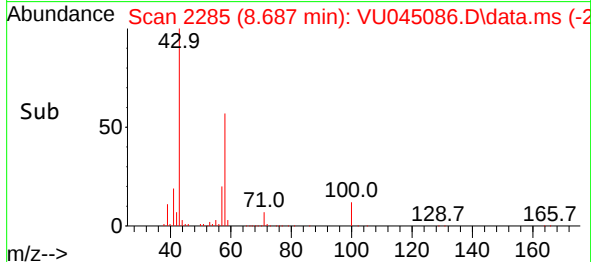
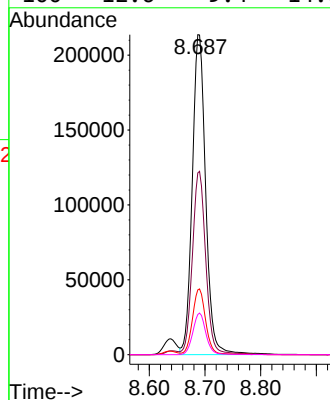
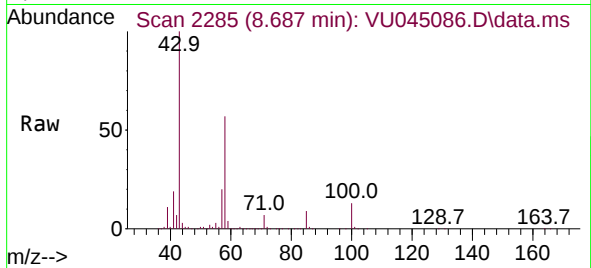




#48
2-Hexanone
Concen: 93.652 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

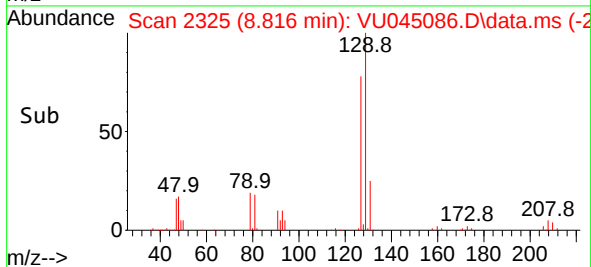
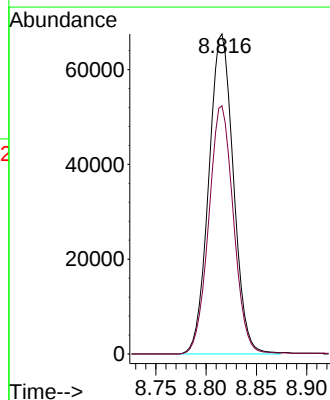
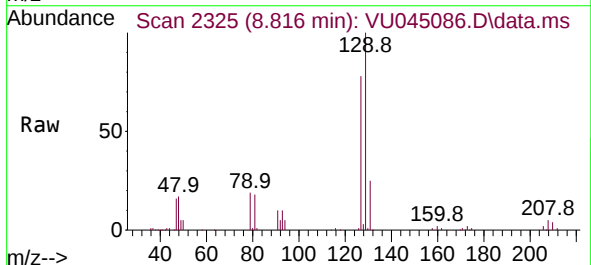
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

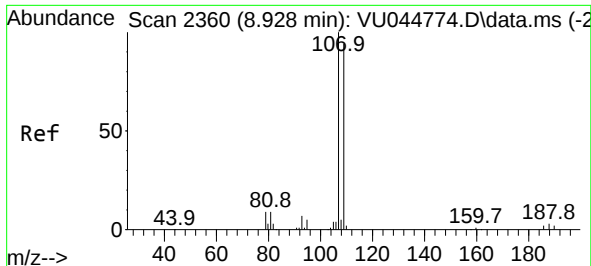
Tgt Ion: 43 Resp: 357914
Ion Ratio Lower Upper
43 100
58 55.9 44.9 67.3
57 19.9 15.5 23.3
100 12.6 9.4 14.0



#49
Dibromochloromethane
Concen: 49.875 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion: 129 Resp: 115329
Ion Ratio Lower Upper
129 100
127 77.5 54.3 100.8

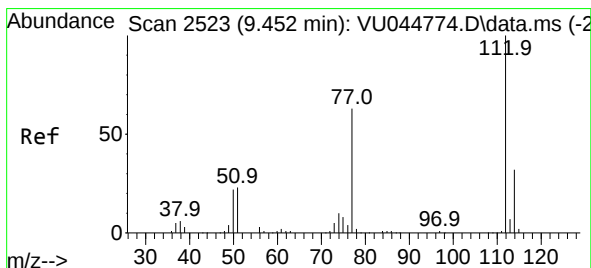
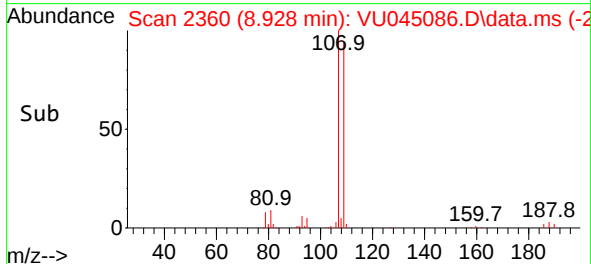
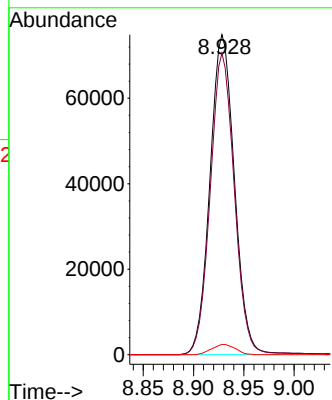
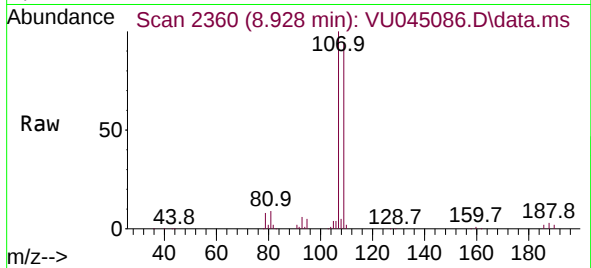




#50
1,2-Dibromoethane
Concen: 51.653 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

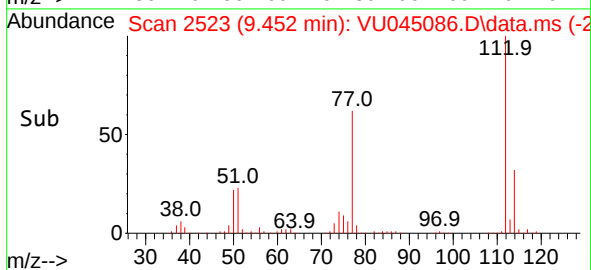
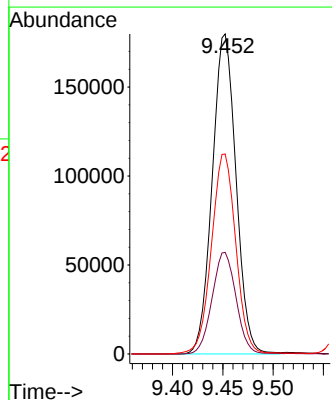
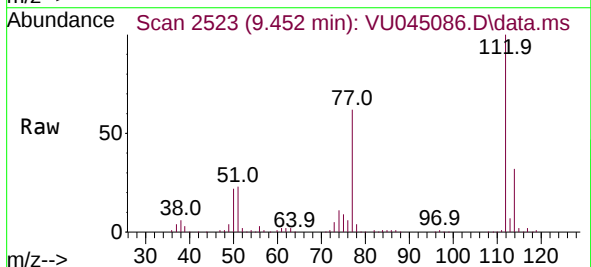
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

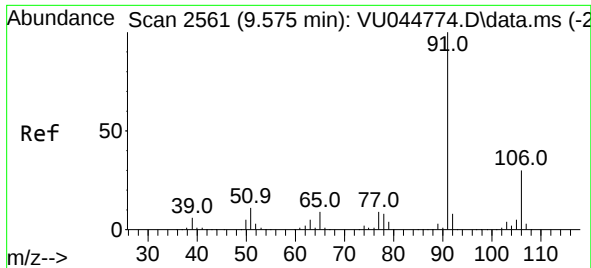
Tgt Ion:107 Resp: 126444
Ion Ratio Lower Upper
107 100
109 94.2 65.5 121.6
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 49.858 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:112 Resp: 296342
Ion Ratio Lower Upper
112 100
114 31.7 22.5 41.9
77 62.5 50.6 75.8

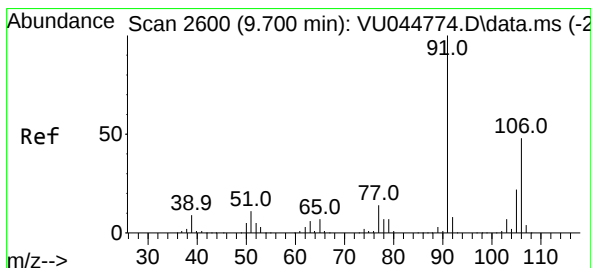
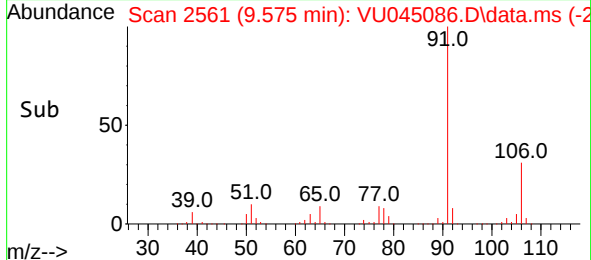
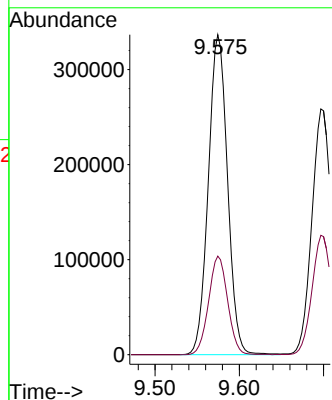
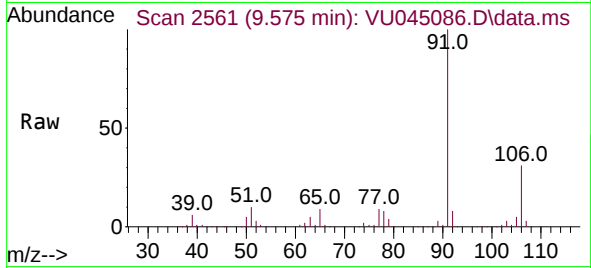




#52
Ethylbenzene
Concen: 52.455 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

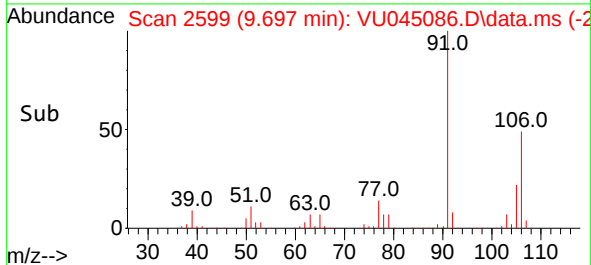
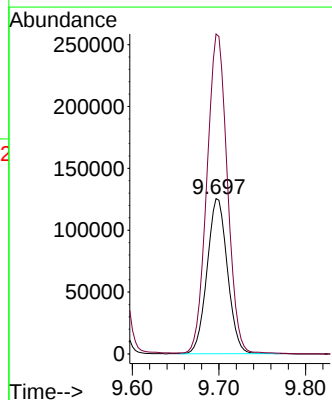
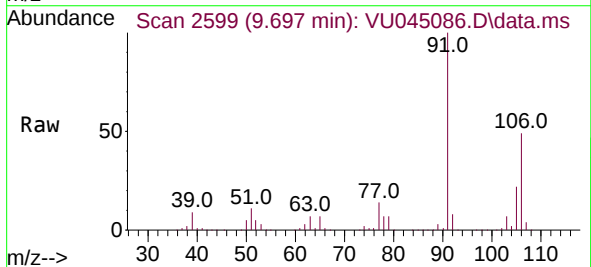
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

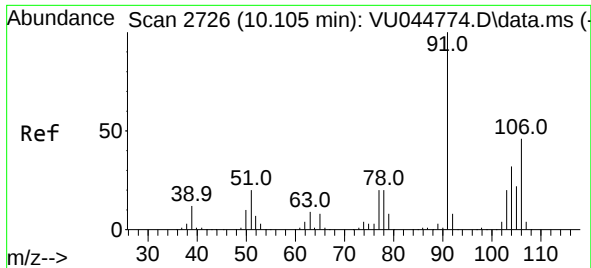
Tgt Ion: 91 Resp: 533503
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 53.140 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:106 Resp: 204745
Ion Ratio Lower Upper
106 100
91 206.0 146.7 272.4

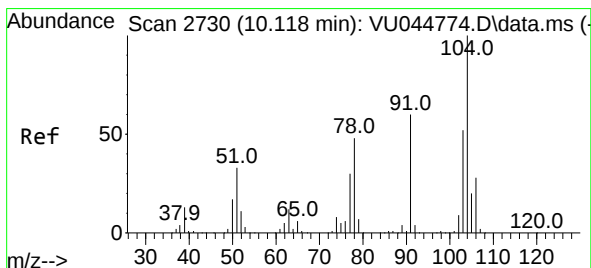
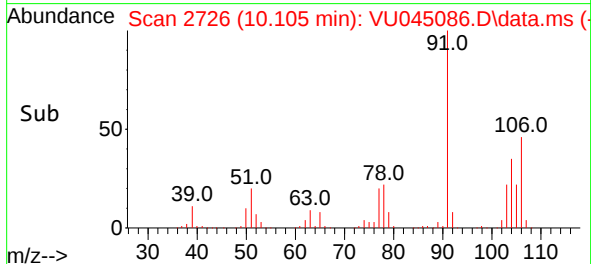
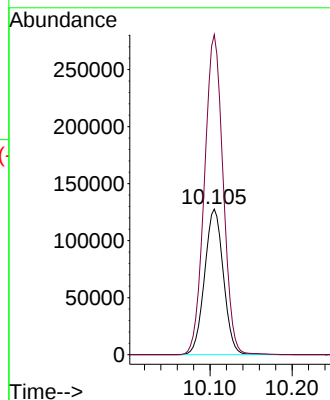
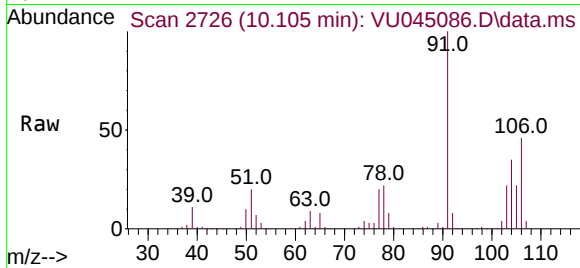




#54
o-xylene
Concen: 53.735 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

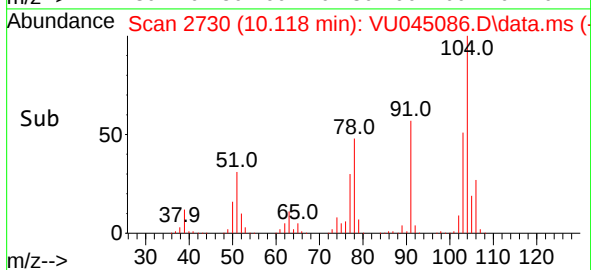
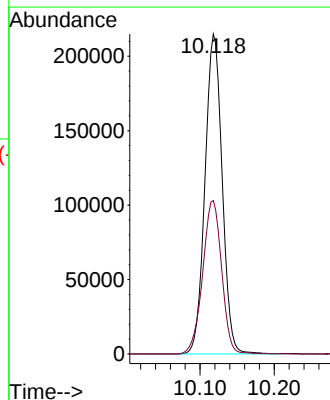
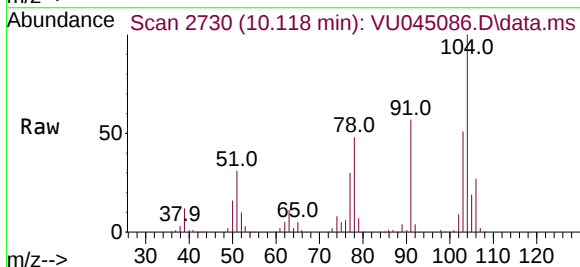
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

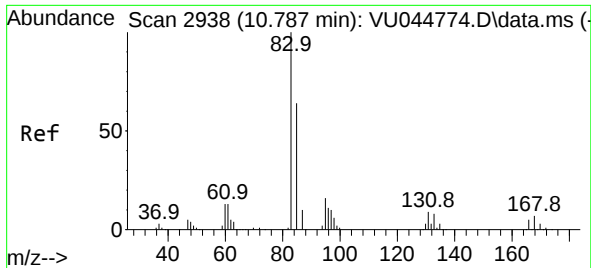
Tgt Ion:106 Resp: 203446
Ion Ratio Lower Upper
106 100
91 219.7 152.9 283.9



#55
Styrene
Concen: 53.062 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:104 Resp: 345485
Ion Ratio Lower Upper
104 100
78 48.0 33.3 61.9

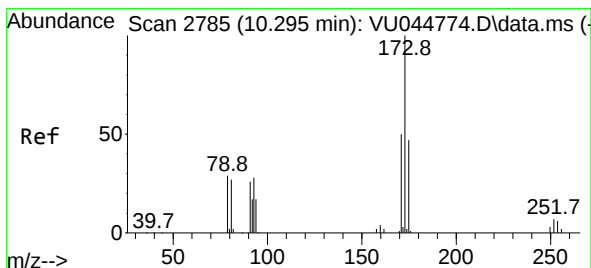
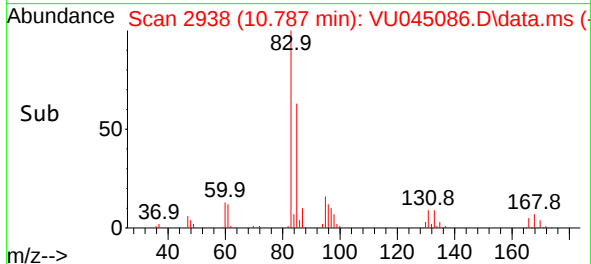
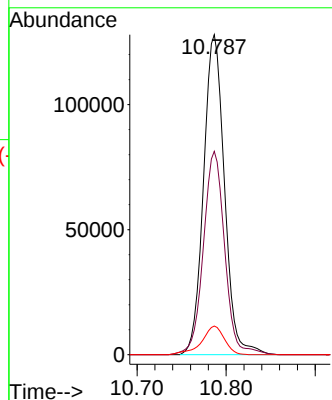
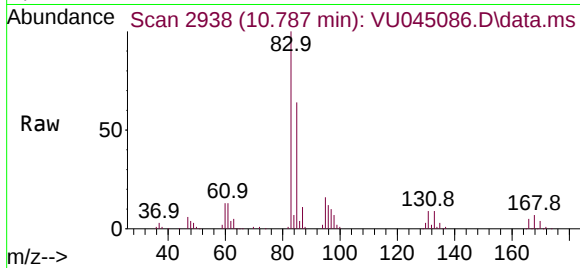




#57
1,1,2,2-Tetrachloroethane
Concen: 46.598 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

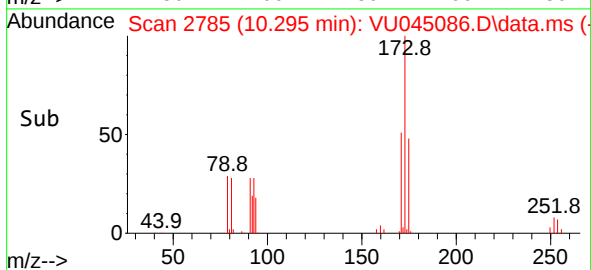
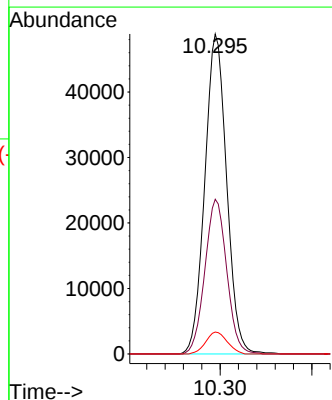
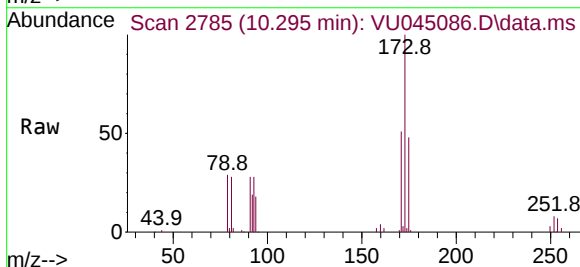
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

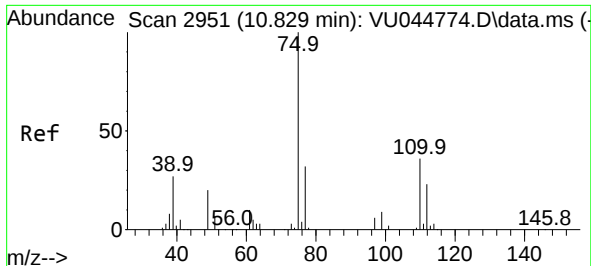
Tgt Ion:	83	Resp:	208609
Ion	Ratio	Lower	Upper
83	100		
85	63.6	45.1	83.7
131	8.9	6.9	10.3



#59
Bromoform
Concen: 50.504 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:	173	Resp:	80747
Ion	Ratio	Lower	Upper
173	100		
175	48.3	38.4	57.6
254	6.8	5.3	7.9

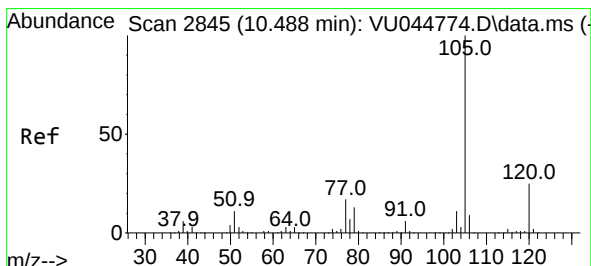
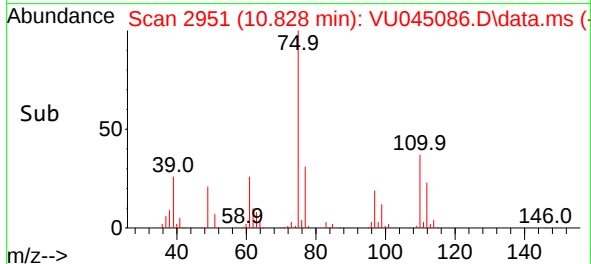
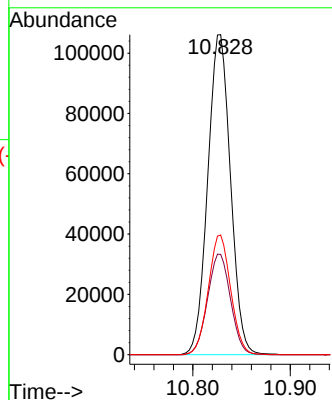
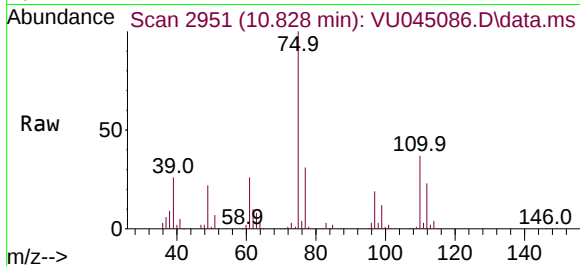




#60
1,2,3-Trichloropropane
Concen: 48.260 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

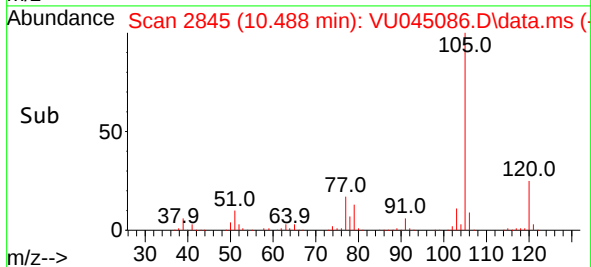
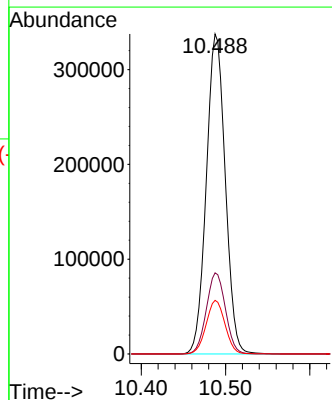
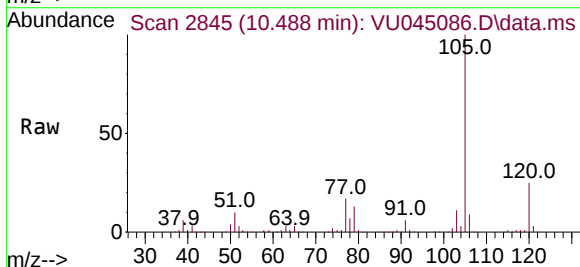
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

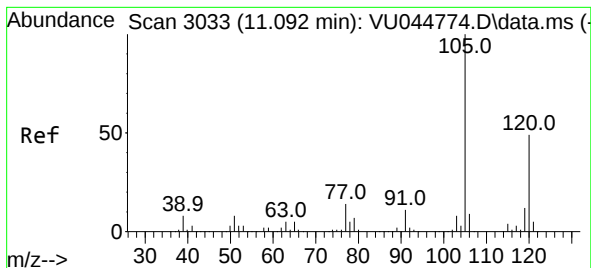
Tgt Ion:	75	Resp:	172074
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
110	36.8	29.0	43.4



#61
Isopropylbenzene
Concen: 55.959 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:	105	Resp:	527943
Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.5	30.7
77	16.7	13.5	20.3

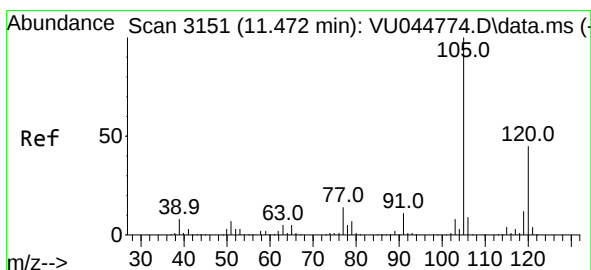
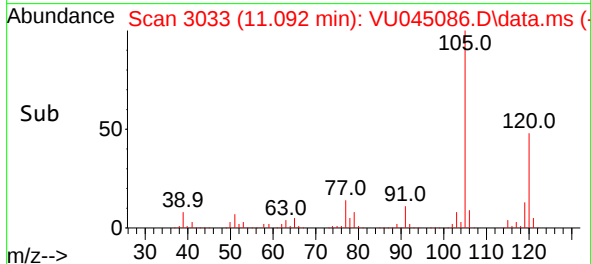
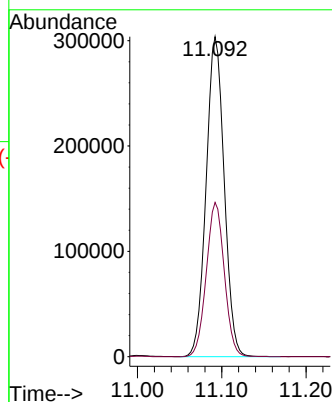
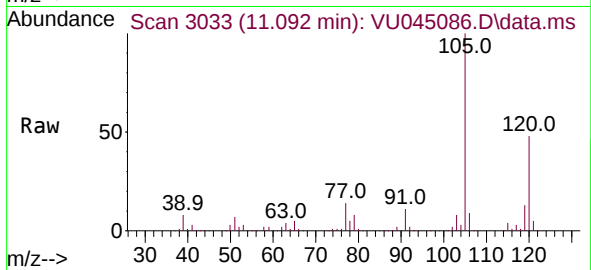




#62
1,3,5-Trimethylbenzene
Concen: 57.587 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

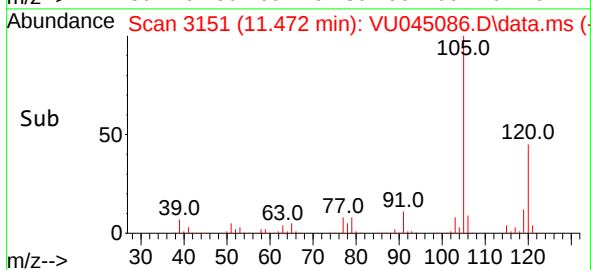
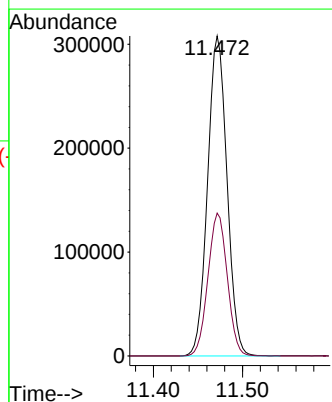
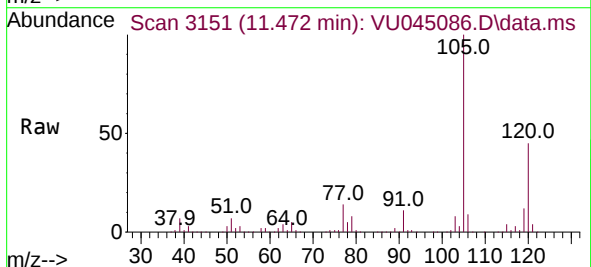
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

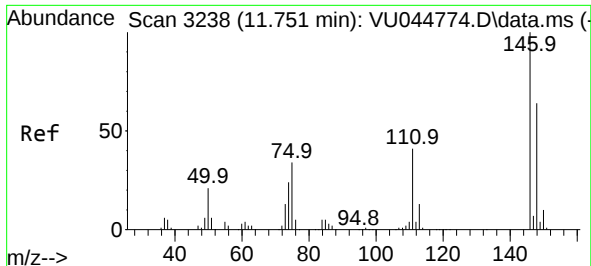
Tgt Ion:105 Resp: 453729
Ion Ratio Lower Upper
105 100
120 48.1 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 57.712 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:105 Resp: 465639
Ion Ratio Lower Upper
105 100
120 44.5 35.7 53.5

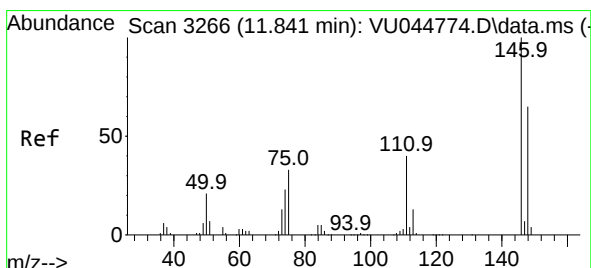
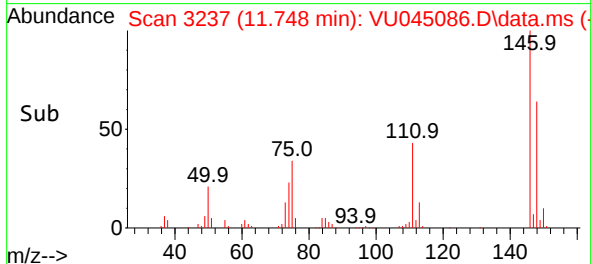
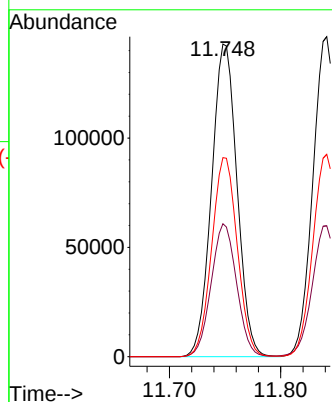
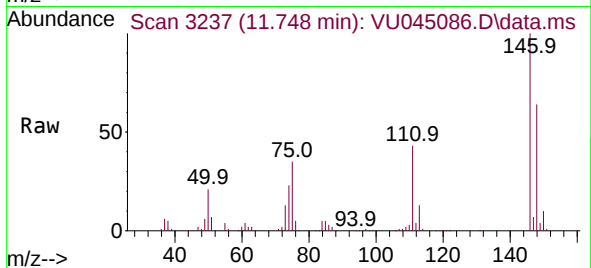




#64
1,3-Dichlorobenzene
Concen: 52.144 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

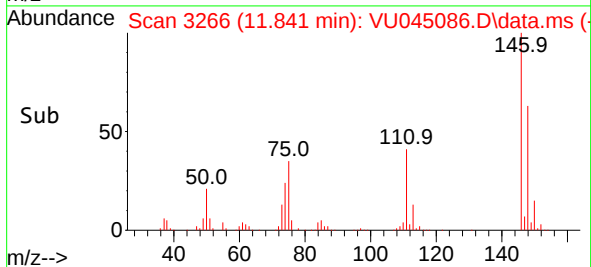
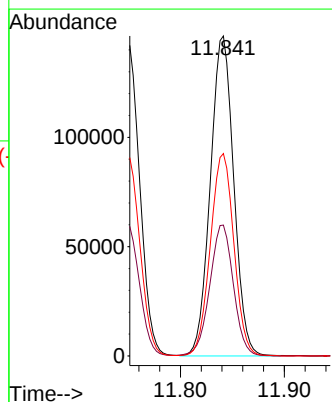
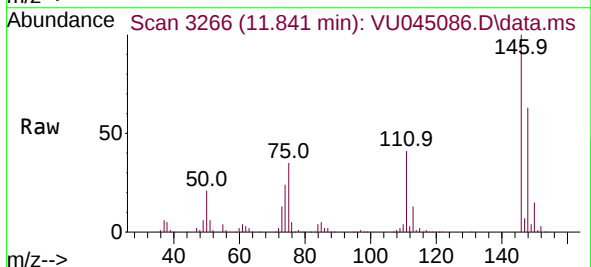
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

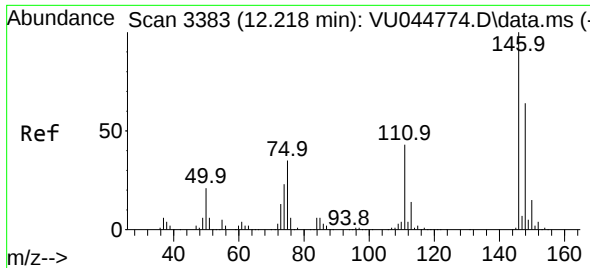
Tgt Ion:146 Resp: 227348
Ion Ratio Lower Upper
146 100
111 42.5 29.0 53.8
148 63.7 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.159 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:146 Resp: 228854
Ion Ratio Lower Upper
146 100
111 40.9 28.5 52.9
148 63.2 45.5 84.5

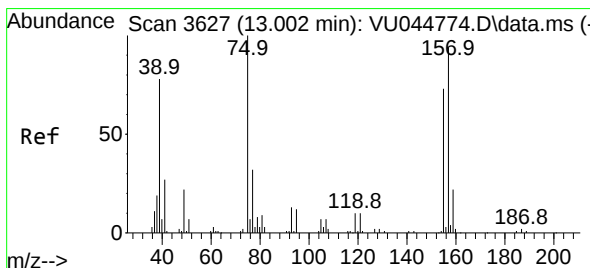
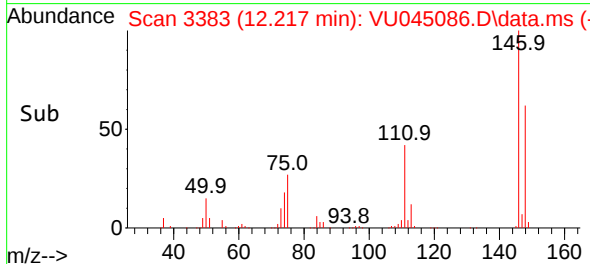
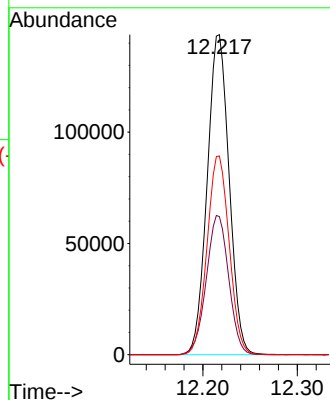
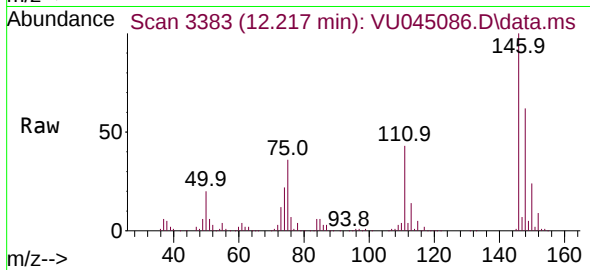




#67
1,2-Dichlorobenzene
Concen: 51.779 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

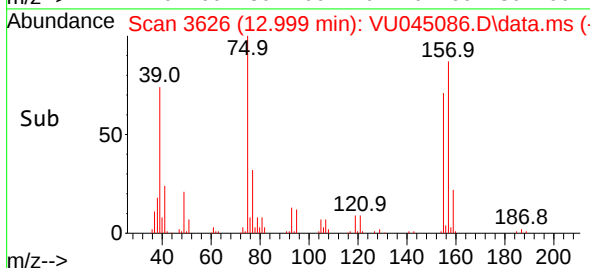
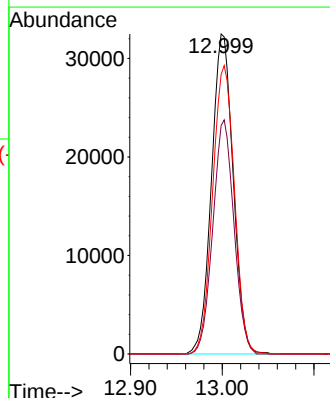
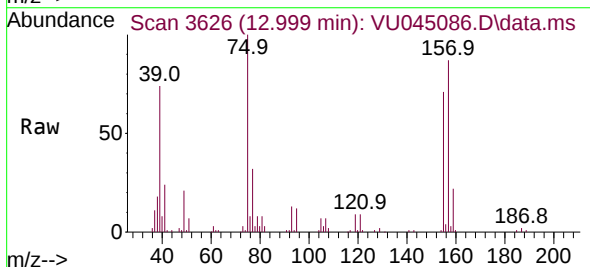
Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

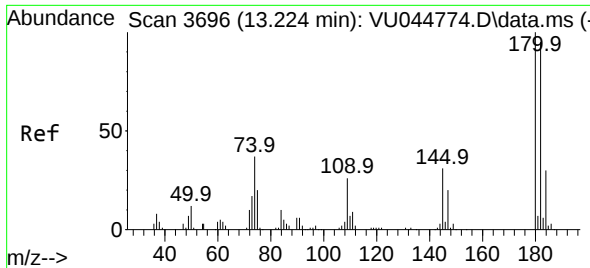
Tgt Ion:146 Resp: 231757
Ion Ratio Lower Upper
146 100
111 43.1 34.7 52.1
148 62.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 51.898 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

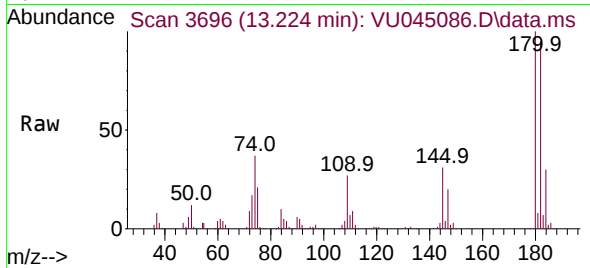
Tgt Ion: 75 Resp: 53178
Ion Ratio Lower Upper
75 100
155 74.9 58.5 87.7
157 87.4 77.7 116.5



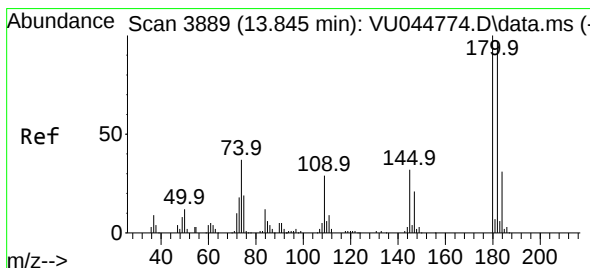
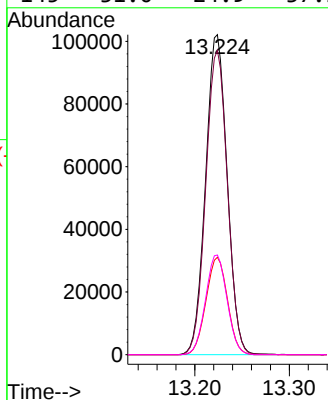
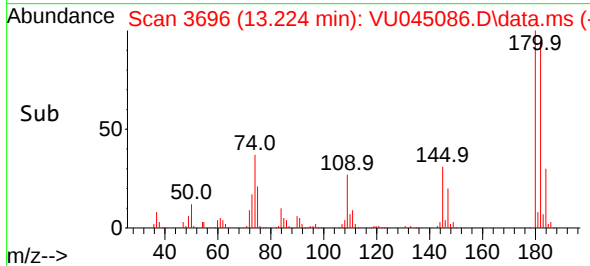


#69
 1,3,5-Trichlorobenzene
 Concen: 53.519 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.000 min
 Lab File: VU045086.D
 Acq: 04 Oct 2021 10:22

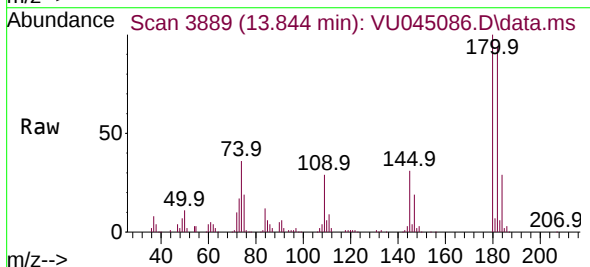
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050084



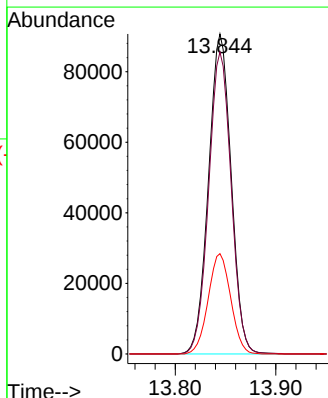
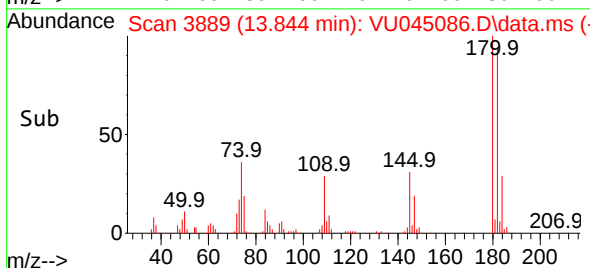
Tgt Ion:180 Resp: 161938
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.8 115.2
 184 30.3 24.4 36.6
 145 31.0 24.9 37.3

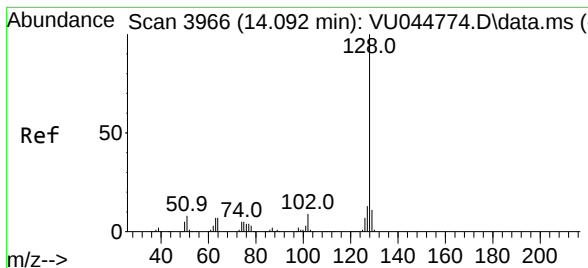


#70
 1,2,4-trichlorobenzene
 Concen: 56.371 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.000 min
 Lab File: VU045086.D
 Acq: 04 Oct 2021 10:22



Tgt Ion:180 Resp: 141738
 Ion Ratio Lower Upper
 180 100
 182 93.8 76.2 114.2
 145 31.2 25.4 38.0

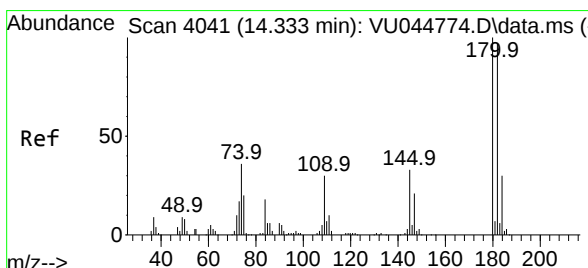
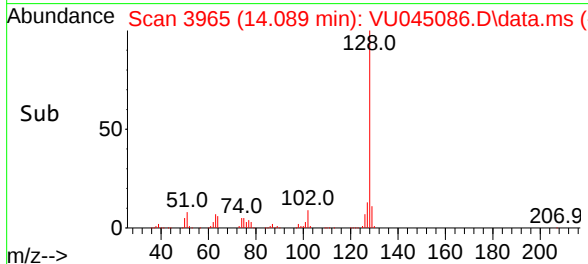
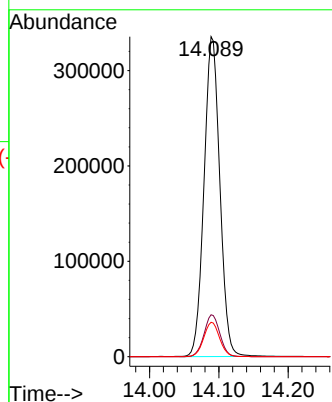
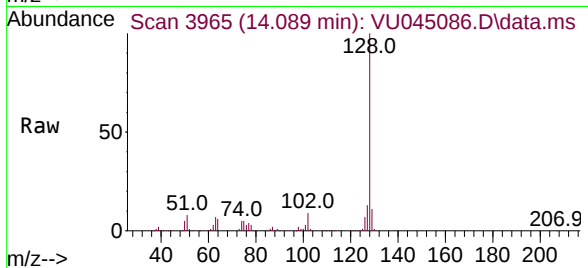




#71
Naphthalene
Concen: 60.828 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD050084

Tgt Ion:128 Resp: 530007
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 55.506 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VU045086.D
Acq: 04 Oct 2021 10:22

Tgt Ion:180 Resp: 142794
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 33.5 26.5 39.7

