

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051703.D
 Acq On : 02 Nov 2022 20:16
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

Quant Time: Nov 03 01:51:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 01:45:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200573	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	205748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70370	4.658	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.906	69	62300	3.954	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.565	65	29373	5.358	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.200%
20) 2-Butanone-d5	4.616	46	175502	32.080	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.160%
24) Chloroform-d	5.060	84	150275	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.700	65	71478	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
32) Benzene-d6	5.726	84	288452	4.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.687	67	93461	4.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.896	98	263194	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
43) trans-1,3-Dichloroprop...	8.179	79	30778	4.434	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.629	63	153931	36.835	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.660%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	82932	3.986	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	93403	4.629	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	113442	5.172	ug/L	100
3) Chloromethane	1.526	50	127029	4.594	ug/L	100
5) Vinyl chloride	1.600	62	136142	5.140	ug/L #	60
6) Bromomethane	1.848	94	55424	4.413	ug/L	94
8) Chloroethane	1.928	64	84055	5.226	ug/L	94
9) Trichlorofluoromethane	2.134	101	154104	5.300	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	93341	5.460	ug/L	98
12) 1,1-Dichloroethene	2.578	96	89426	5.129	ug/L	95
13) Acetone	2.623	43	133374	48.049	ug/L	97
14) Carbon disulfide	2.790	76	275084	4.894	ug/L	100
15) Methyl Acetate	2.944	43	35648	4.905	ug/L	98
16) Methylene chloride	3.041	84	140545	4.921	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	207251	5.183	ug/L	100
18) trans-1,2-Dichloroethene	3.350	96	96286	5.145	ug/L	100
19) 1,1-Dichloroethane	3.867	63	182876	5.298	ug/L	100
21) 2-Butanone	4.700	43	225407	51.854	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	107511	5.192	ug/L	97
23) Bromochloromethane	4.970	128	48044	4.962	ug/L	98
25) Chloroform	5.086	83	189710	5.298	ug/L	99

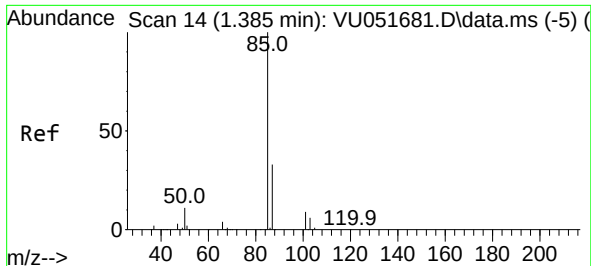
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Quant Time: Nov 03 01:51:29 2022
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110614	5.020	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	149231	5.342	ug/L	99
30) Cyclohexane	5.388	56	133343	5.184	ug/L	99
31) Carbon tetrachloride	5.523	117	125823	5.266	ug/L	99
33) Benzene	5.771	78	424455	5.228	ug/L	100
34) Trichloroethene	6.539	95	100753	5.142	ug/L	99
35) Methylcyclohexane	6.761	83	141054	5.206	ug/L	100
37) 1,2-Dichloropropane	6.790	63	109392	5.238	ug/L	100
38) Bromodichloromethane	7.102	83	133254	5.224	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	137692	5.139	ug/L	94
40) 4-Methyl-2-pentanone	7.787	43	558143	53.285	ug/L	100
42) Toluene	7.967	91	449358	5.389	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	117056	5.228	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	78624	5.138	ug/L	96
47) Tetrachloroethene	8.552	164	76645	5.107	ug/L	94
48) 2-Hexanone	8.681	43	406303	52.403	ug/L	98
49) Dibromochloromethane	8.806	129	89600	5.125	ug/L	96
50) 1,2-Dibromoethane	8.922	107	72597	5.258	ug/L	97
51) Chlorobenzene	9.446	112	276477	5.268	ug/L	99
52) Ethylbenzene	9.568	91	430105	5.346	ug/L	99
53) m,p-Xylene	9.693	106	167698	5.366	ug/L	96
54) o-Xylene	10.098	106	167947	5.499	ug/L	98
55) Styrene	10.111	104	287086	5.622	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	99616	5.250	ug/L	99
59) Bromoform	10.288	173	50963	5.017	ug/L	99
60) Isopropylbenzene	10.481	105	426783	5.317	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	70825	4.982	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	106586	4.933	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	313966	5.039	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	210081	5.258	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	206504	5.154	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	197472	5.074	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	14163	4.838	ug/L	94
69) 1,3,5-Trichlorobenzene	13.217	180	145021	5.092	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	108675	4.970	ug/L	99
71) Naphthalene	14.085	128	195916	4.800	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	112637	5.101	ug/L	100

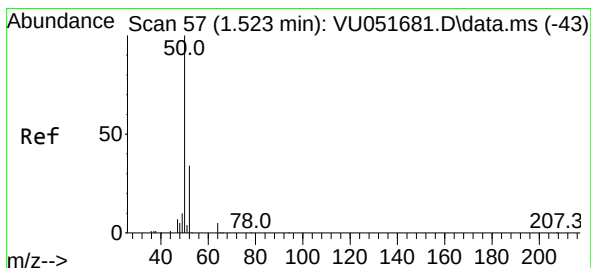
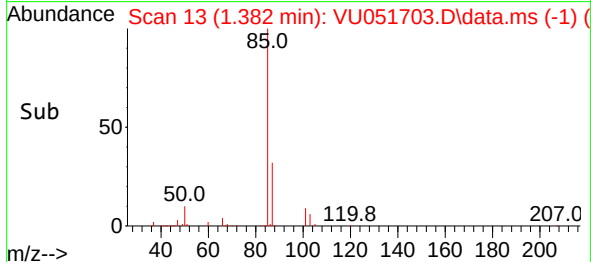
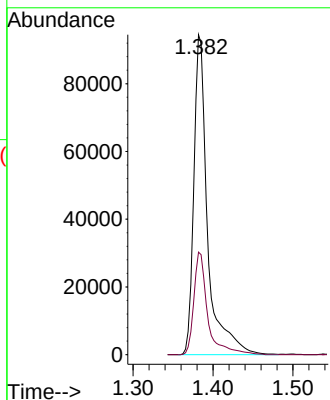
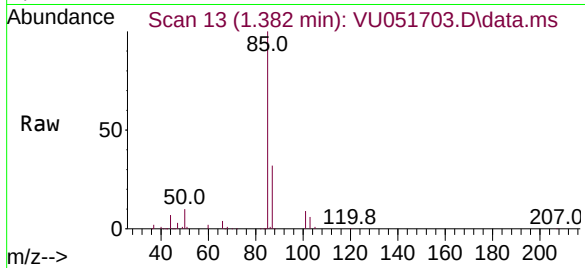
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.172 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

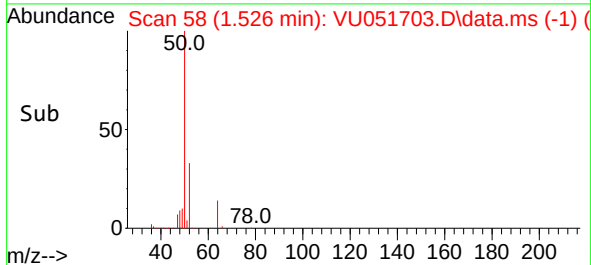
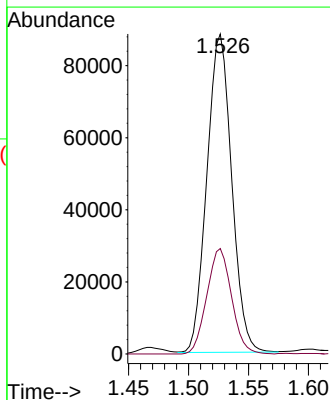
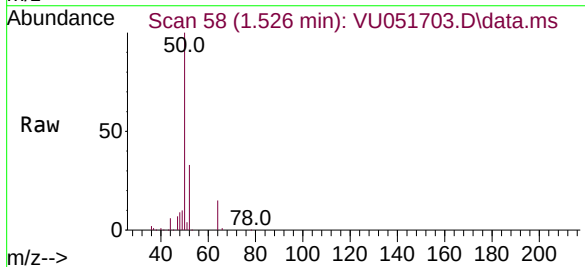
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

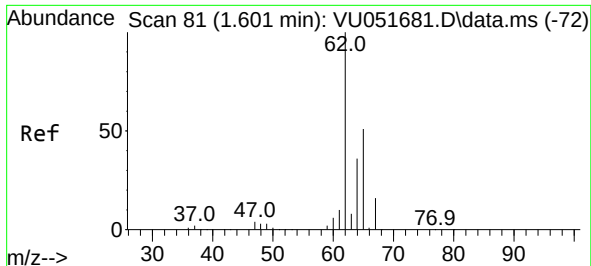
Tgt Ion: 85 Resp: 113442
Ion Ratio Lower Upper
85 100
87 32.3 25.7 38.5



#3
Chloromethane
Concen: 4.594 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion: 50 Resp: 127029
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2

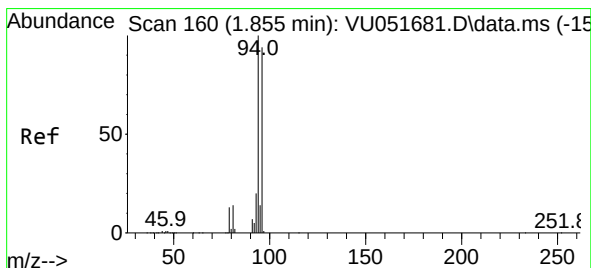
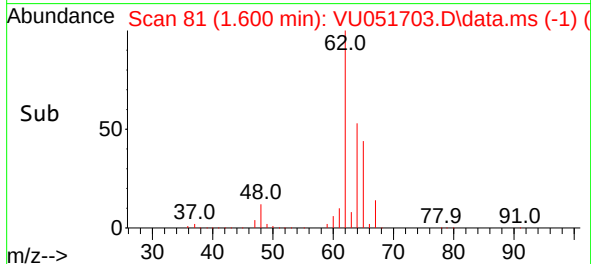
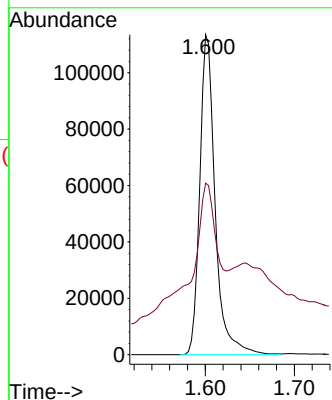
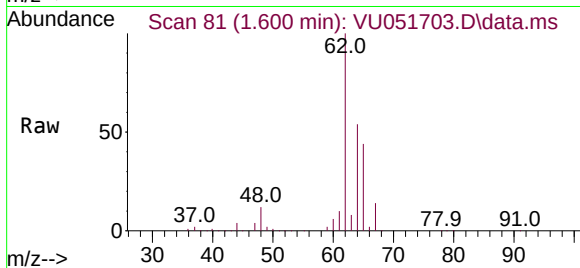




#5
 Vinyl chloride
 Concen: 5.140 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051703.D
 Acq: 02 Nov 2022 20:16

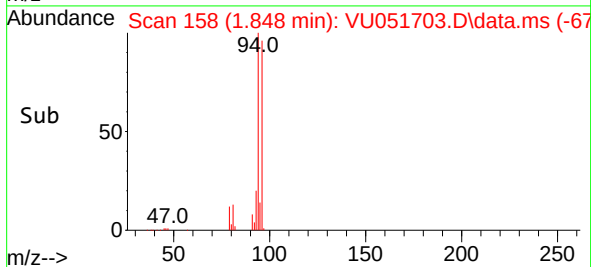
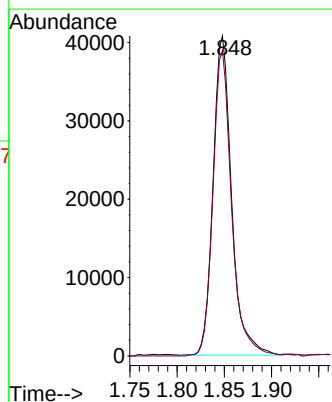
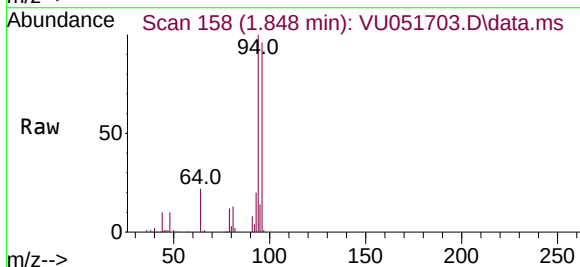
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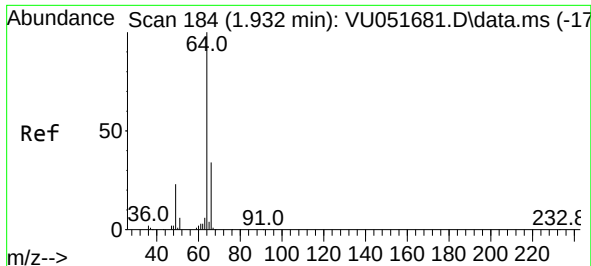
Tgt Ion: 62 Resp: 136142
 Ion Ratio Lower Upper
 62 100
 64 53.6 22.1 41.1#



#6
 Bromomethane
 Concen: 4.413 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.007 min
 Lab File: VU051703.D
 Acq: 02 Nov 2022 20:16

Tgt Ion: 94 Resp: 55424
 Ion Ratio Lower Upper
 94 100
 96 95.6 63.2 117.4

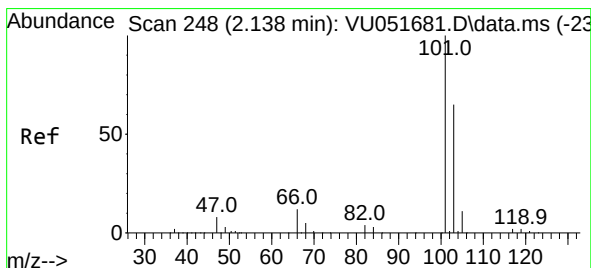
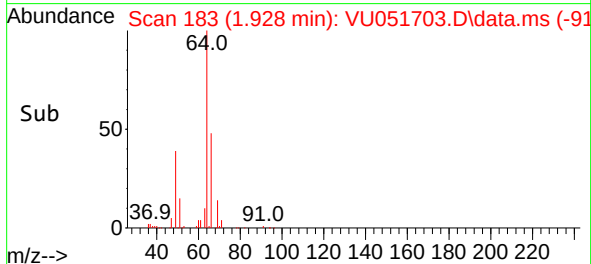
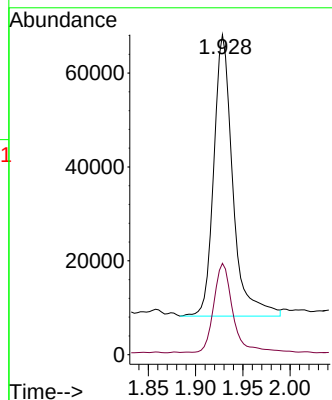
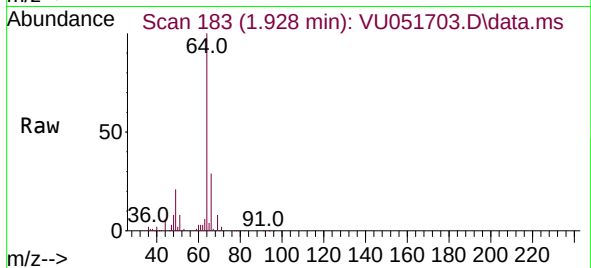




#8
Chloroethane
Concen: 5.226 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

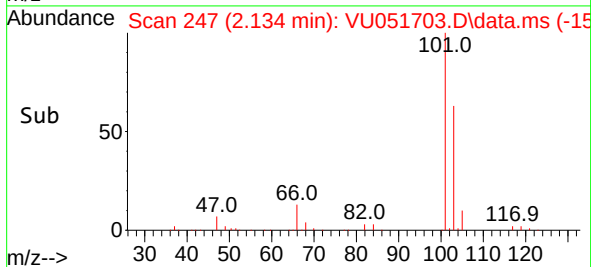
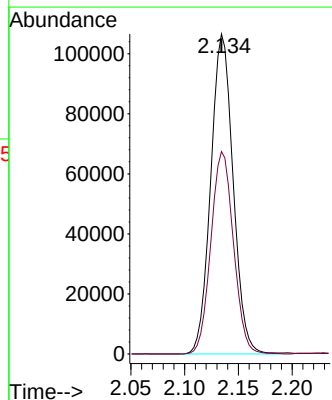
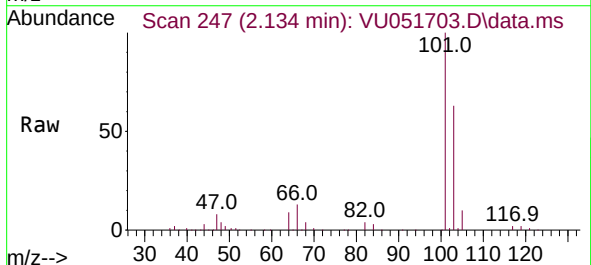
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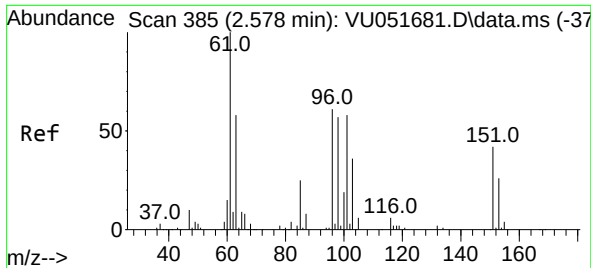
Tgt Ion: 64 Resp: 84055
Ion Ratio Lower Upper
64 100
66 28.6 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.300 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion: 101 Resp: 154104
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6

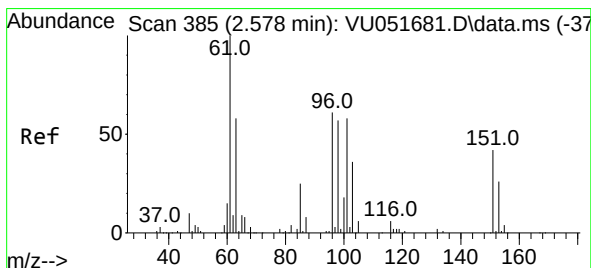
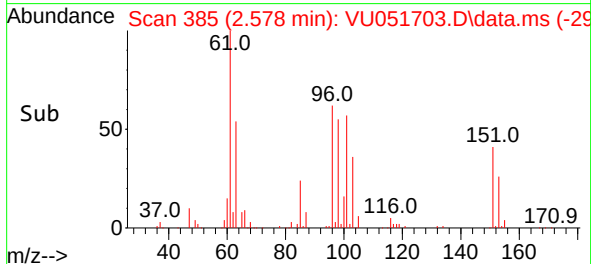
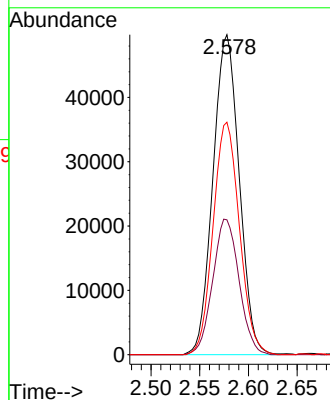
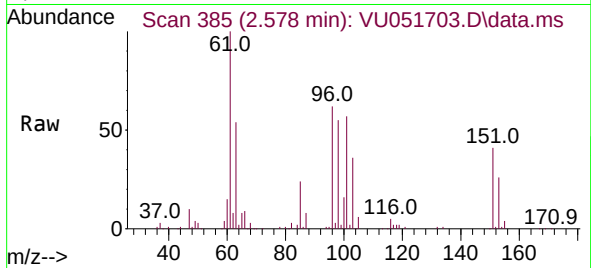




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.460 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051703.D
 Acq: 02 Nov 2022 20:16

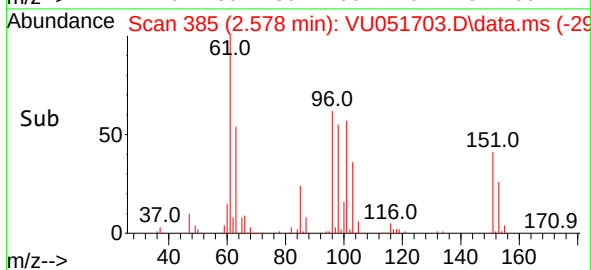
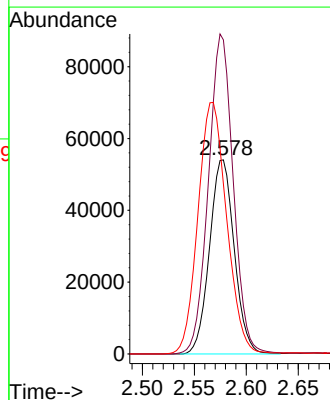
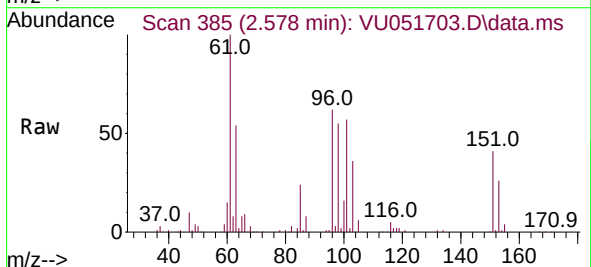
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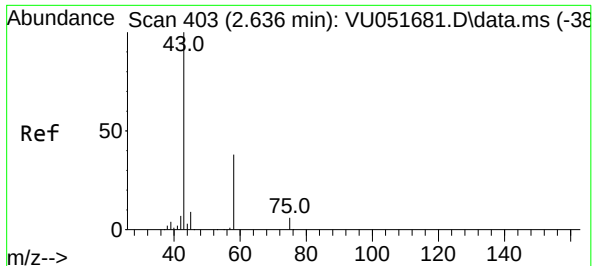
Tgt Ion:101 Resp: 93341
 Ion Ratio Lower Upper
 101 100
 85 42.5 35.6 53.4
 151 72.8 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.129 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051703.D
 Acq: 02 Nov 2022 20:16

Tgt Ion: 96 Resp: 89426
 Ion Ratio Lower Upper
 96 100
 61 161.9 108.8 202.0
 63 87.7 64.9 120.5





#13

Acetone

Concen: 48.049 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.013 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

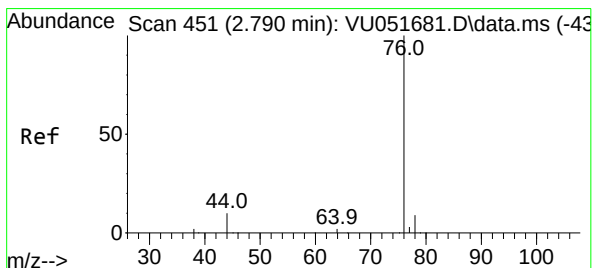
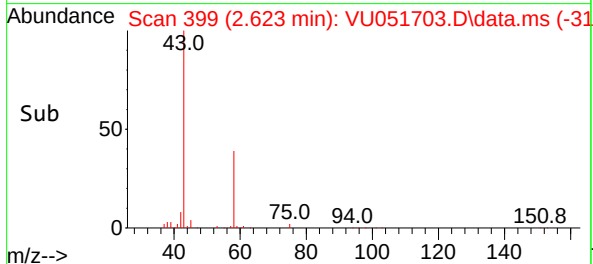
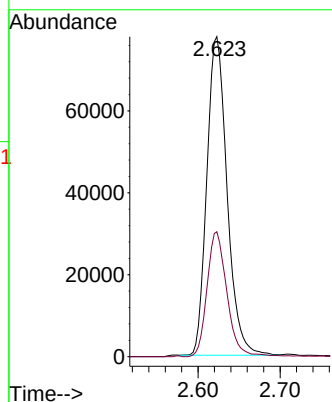
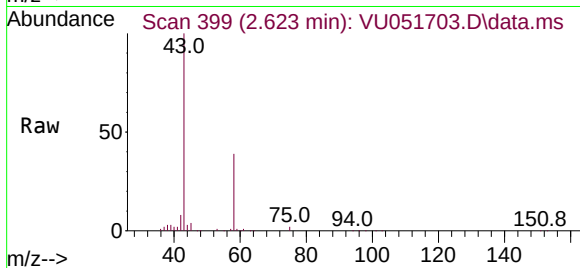
VSTD005196

Tgt Ion: 43 Resp: 133374

Ion Ratio Lower Upper

43 100

58 38.7 0.0 73.8



#14

Carbon disulfide

Concen: 4.894 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051703.D

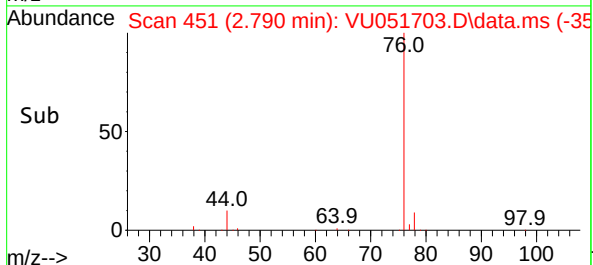
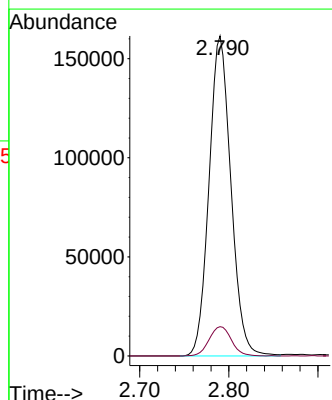
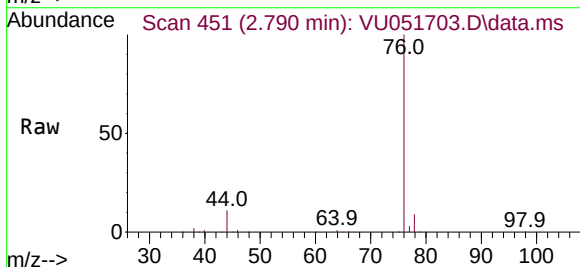
Acq: 02 Nov 2022 20:16

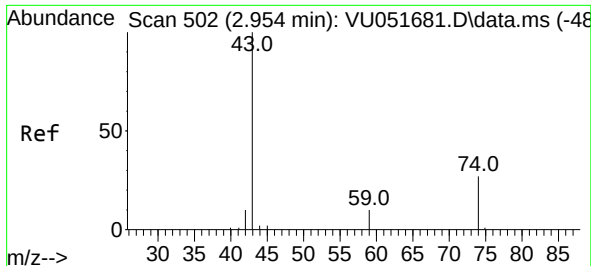
Tgt Ion: 76 Resp: 275084

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

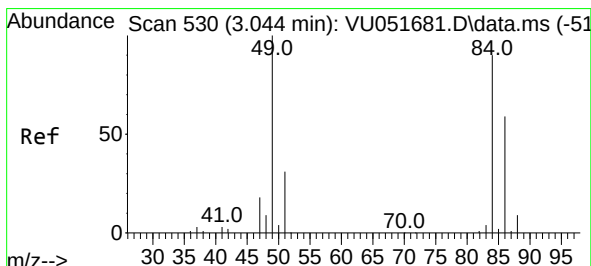
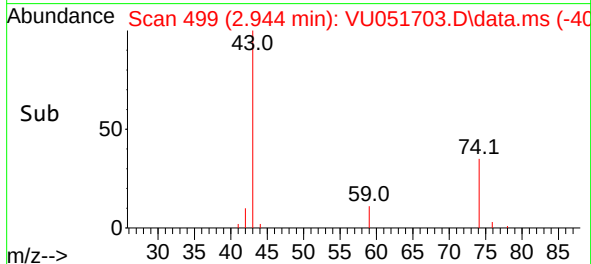
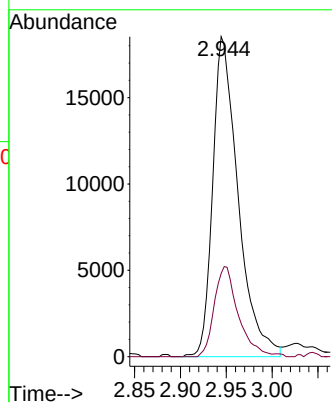
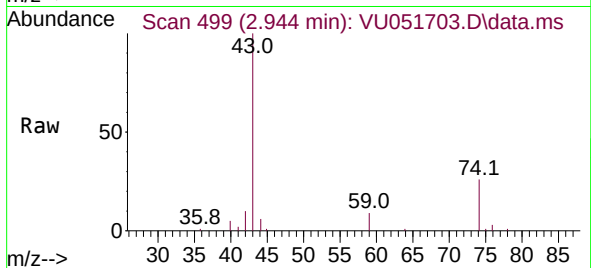




#15
Methyl Acetate
Concen: 4.905 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.010 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

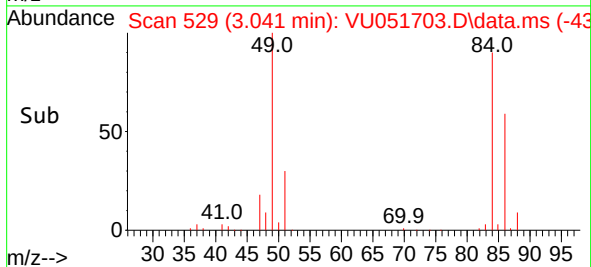
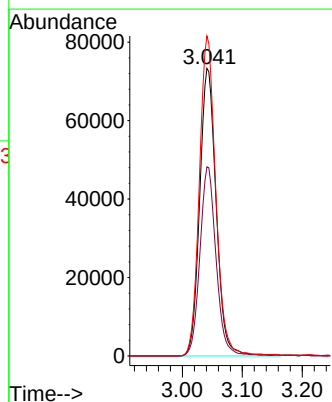
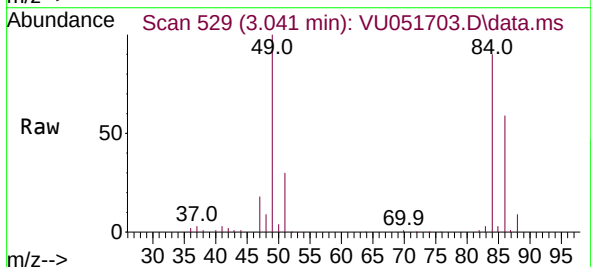
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

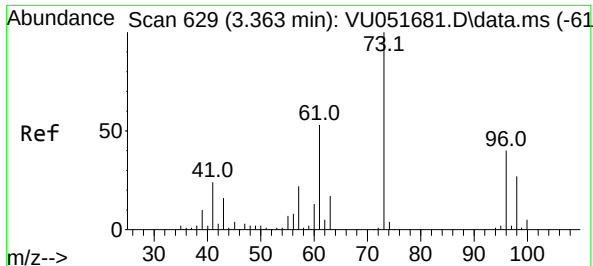
Tgt Ion: 43 Resp: 35648
Ion Ratio Lower Upper
43 100
74 26.6 20.2 30.4



#16
Methylene chloride
Concen: 4.921 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion: 84 Resp: 140545
Ion Ratio Lower Upper
84 100
86 65.8 46.3 85.9
49 111.3 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.183 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005196

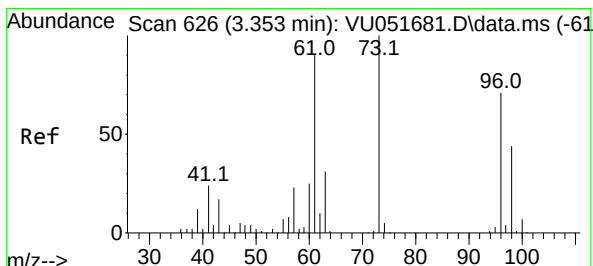
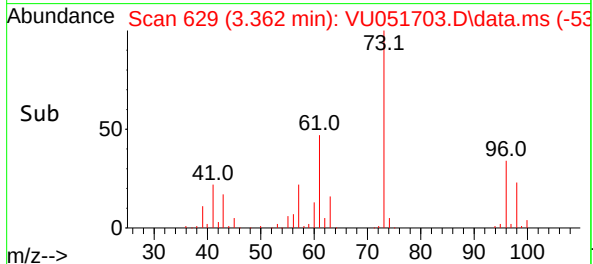
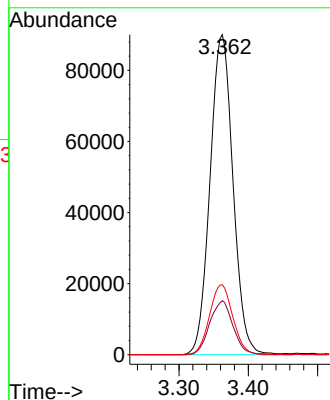
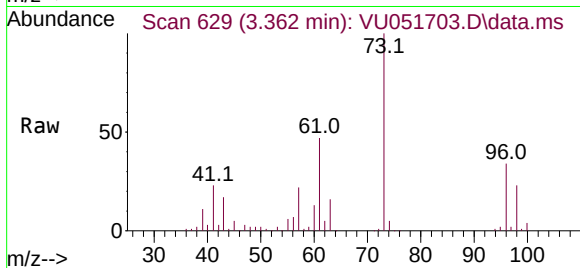
Tgt Ion: 73 Resp: 207251

Ion Ratio Lower Upper

73 100

43 17.1 13.6 20.4

57 22.1 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.145 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

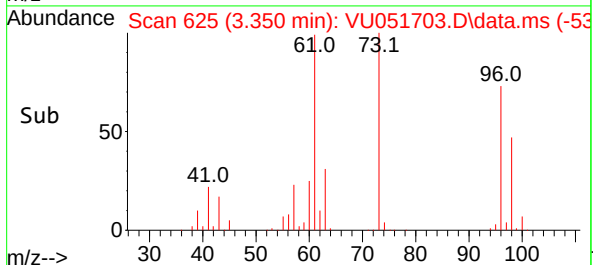
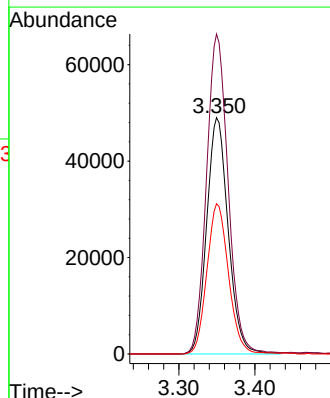
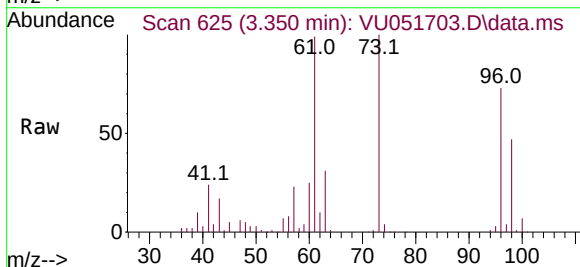
Tgt Ion: 96 Resp: 96286

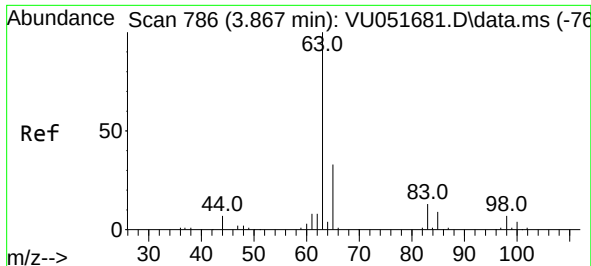
Ion Ratio Lower Upper

96 100

61 135.4 94.7 175.9

98 63.6 44.2 82.0

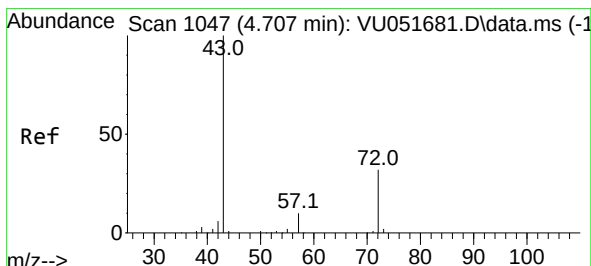
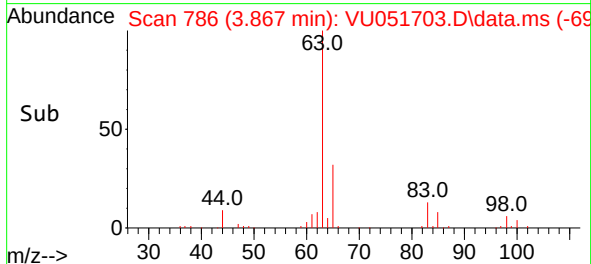
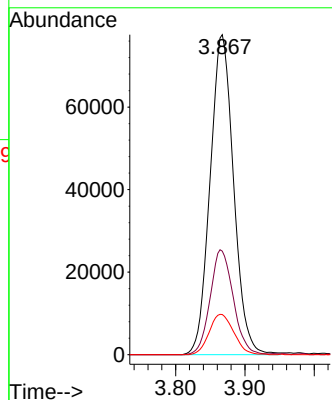
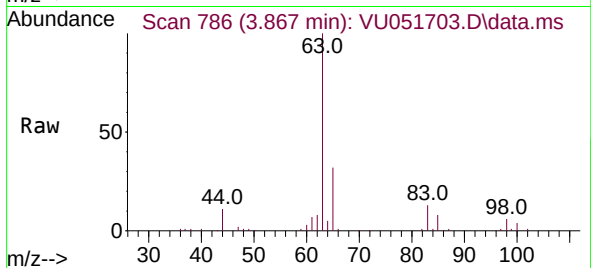




#19
1,1-Dichloroethane
Concen: 5.298 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

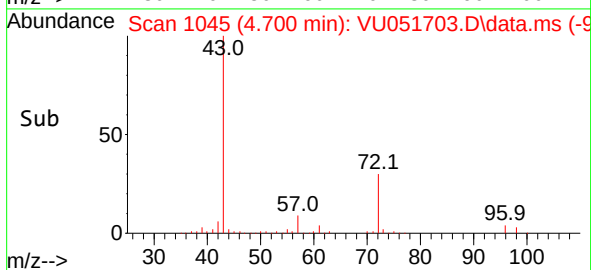
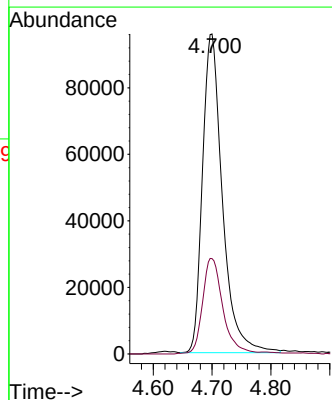
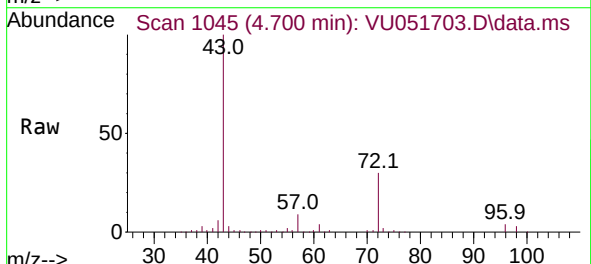
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

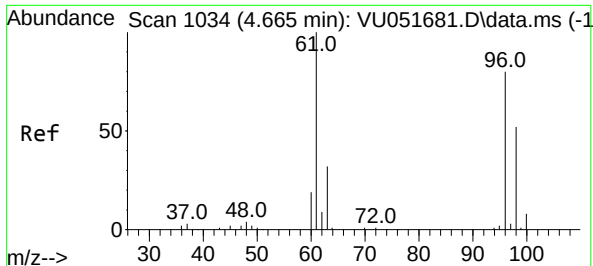
Tgt Ion: 63 Resp: 182876
Ion Ratio Lower Upper
63 100
65 32.3 22.7 42.1
83 12.6 9.2 17.0



#21
2-Butanone
Concen: 51.854 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. -0.007 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion: 43 Resp: 225407
Ion Ratio Lower Upper
43 100
72 30.5 16.2 48.5

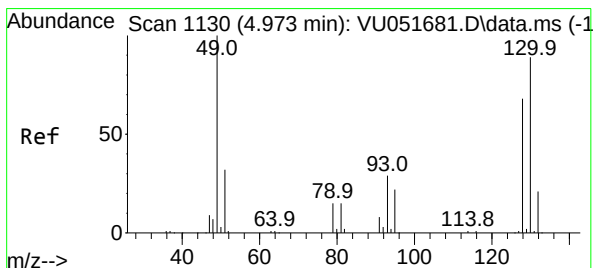
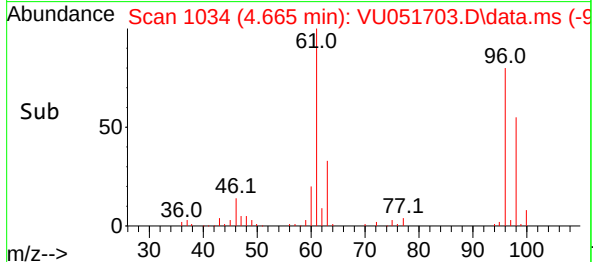
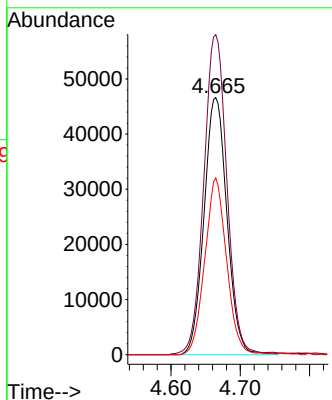
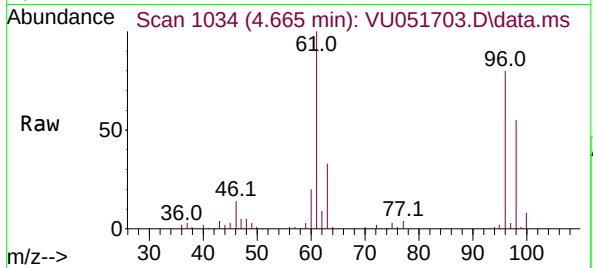




#22
 cis-1,2-Dichloroethene
 Concen: 5.192 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051703.D
 Acq: 02 Nov 2022 20:16

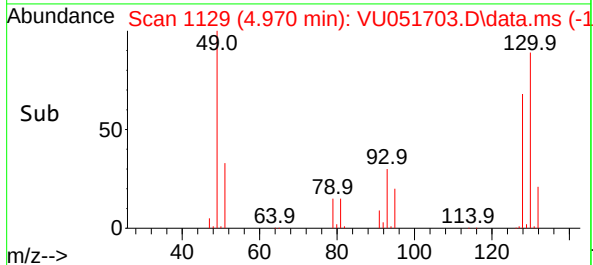
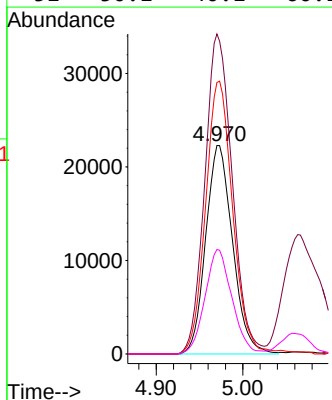
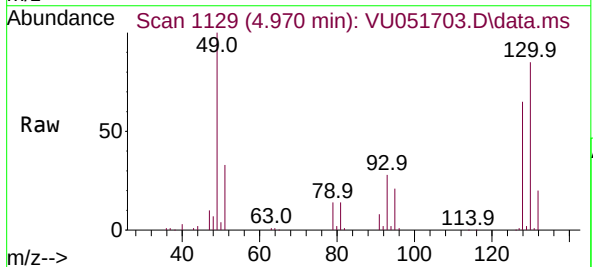
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005196

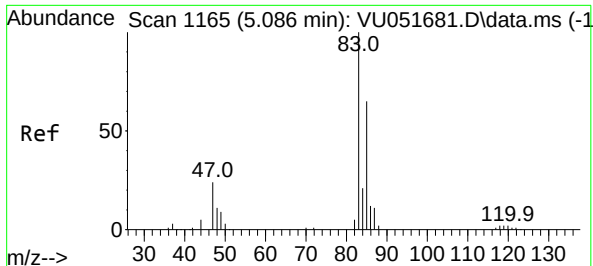
Tgt Ion: 96 Resp: 107511
 Ion Ratio Lower Upper
 96 100
 61 124.4 86.4 160.4
 98 68.7 44.2 82.2



#23
 Bromochloromethane
 Concen: 4.962 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU051703.D
 Acq: 02 Nov 2022 20:16

Tgt Ion: 128 Resp: 48044
 Ion Ratio Lower Upper
 128 100
 49 153.4 105.5 195.9
 130 130.2 93.5 173.7
 51 50.1 40.1 60.1





#25

Chloroform

Concen: 5.298 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

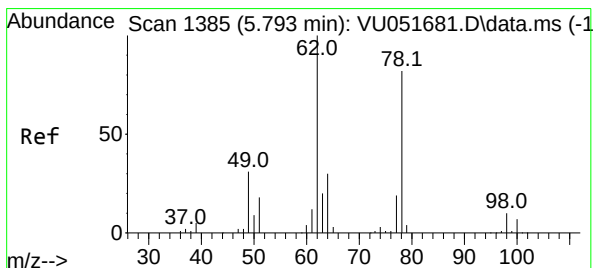
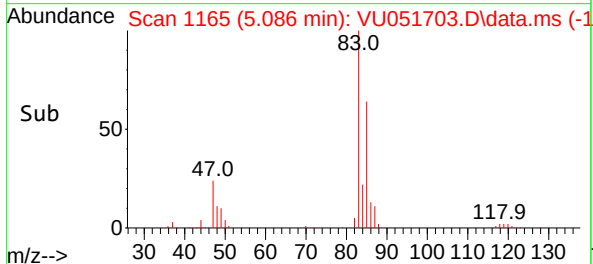
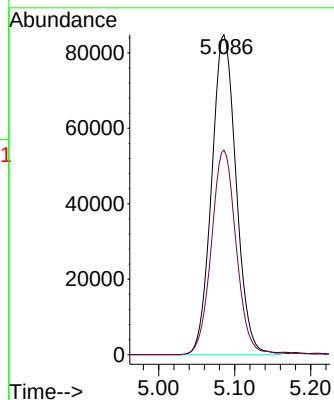
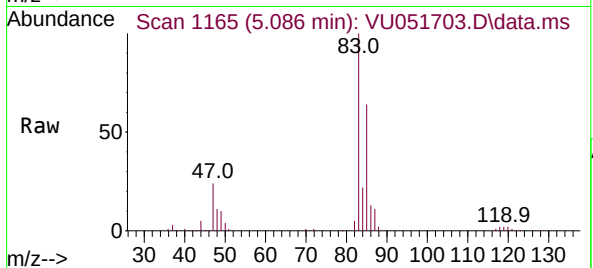
VSTD005196

Tgt Ion: 83 Resp: 189710

Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.020 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051703.D

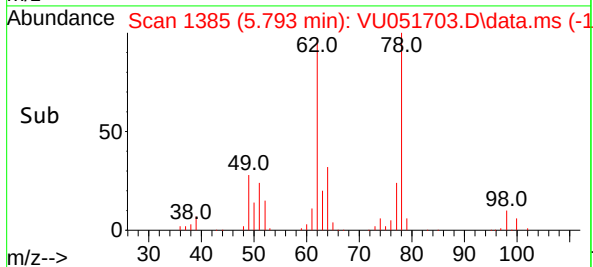
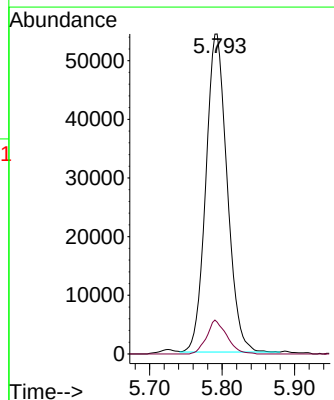
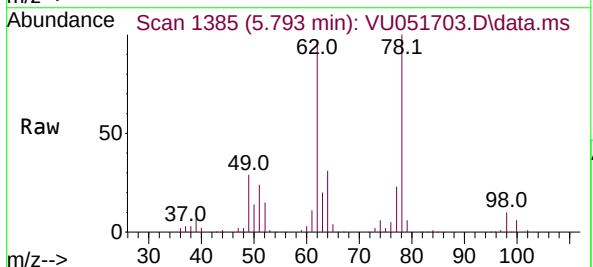
Acq: 02 Nov 2022 20:16

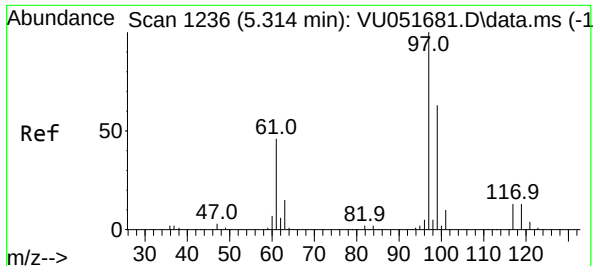
Tgt Ion: 62 Resp: 110614

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.342 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005196

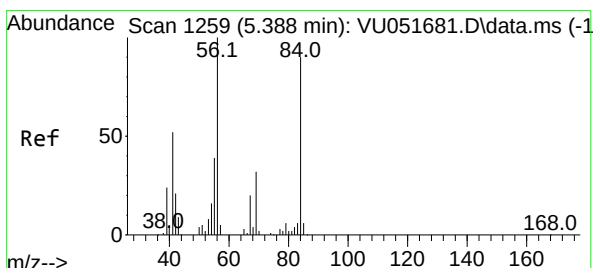
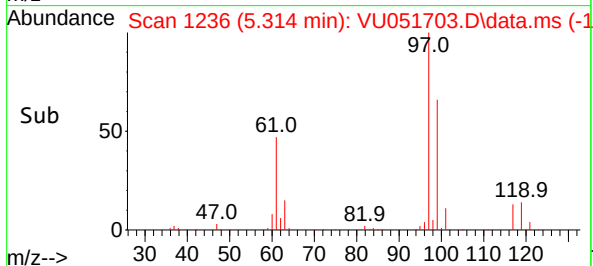
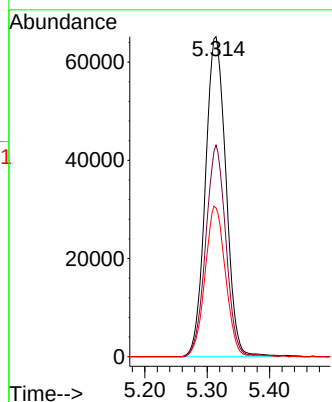
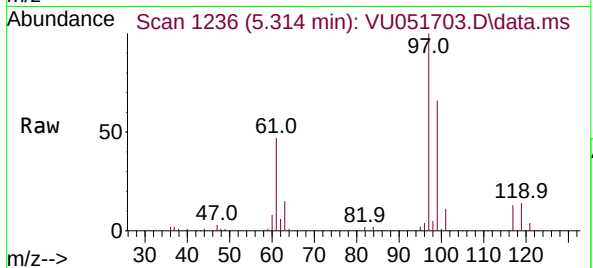
Tgt Ion: 97 Resp: 149231

Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 46.7 37.4 56.0



#30

Cyclohexane

Concen: 5.184 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

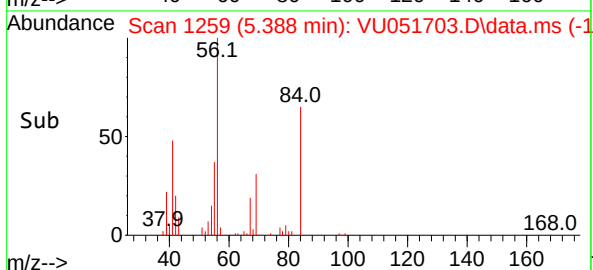
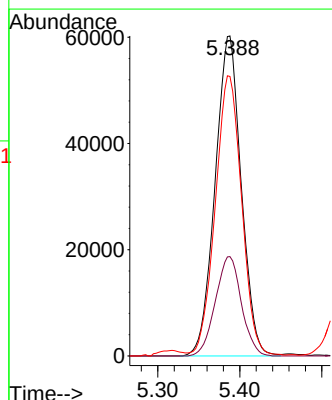
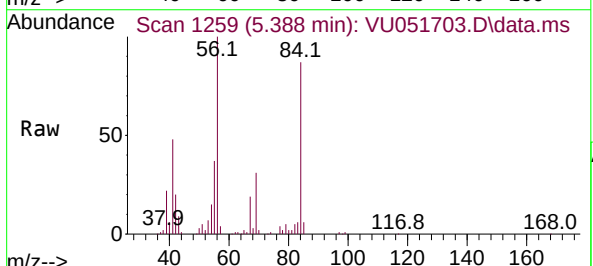
Tgt Ion: 56 Resp: 133343

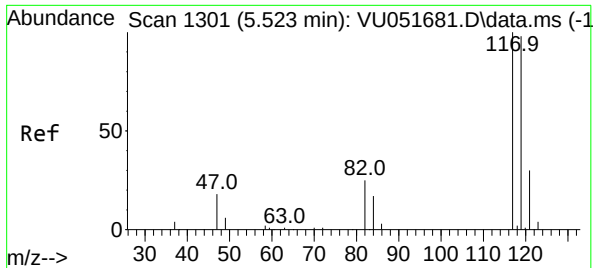
Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.0

84 88.1 71.4 107.0

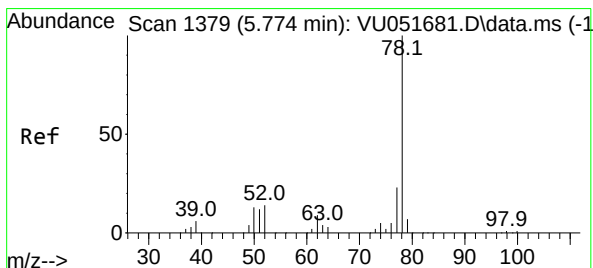
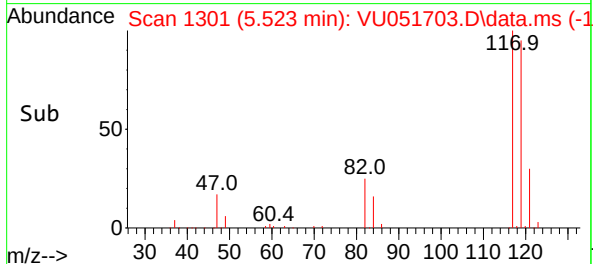
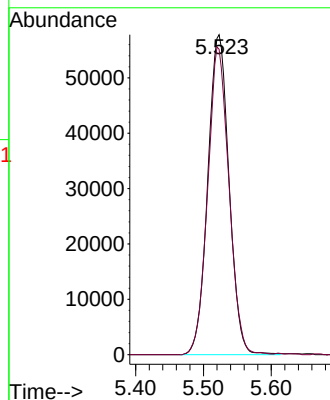
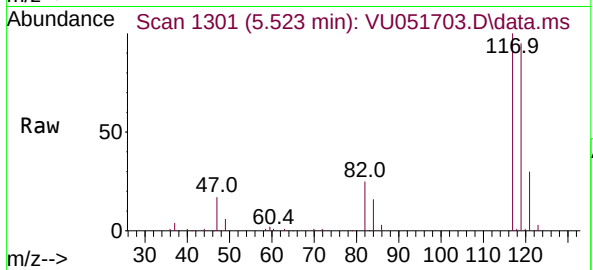




#31
Carbon tetrachloride
Concen: 5.266 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

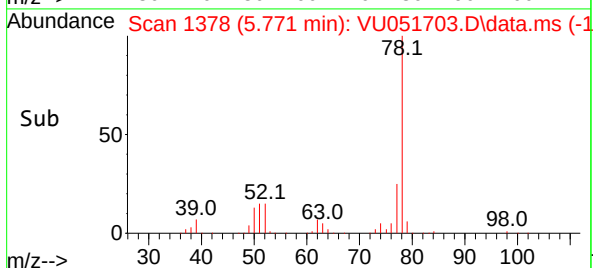
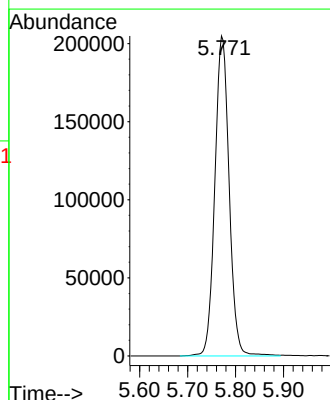
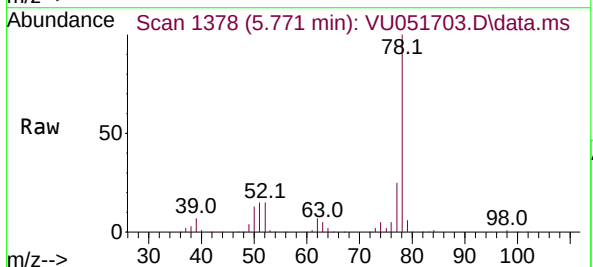
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

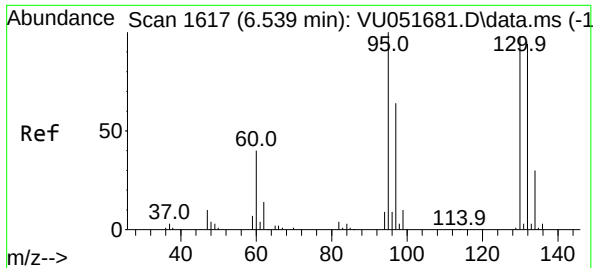
Tgt Ion:117 Resp: 125823
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3



#33
Benzene
Concen: 5.228 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion: 78 Resp: 424455

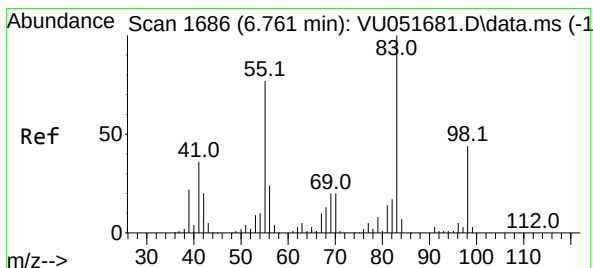
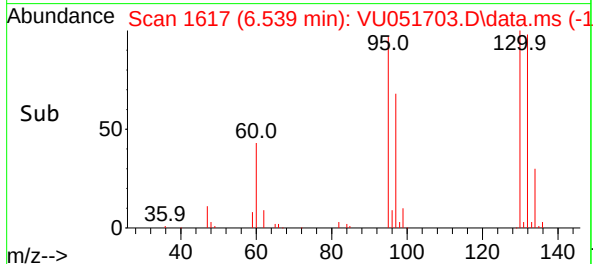
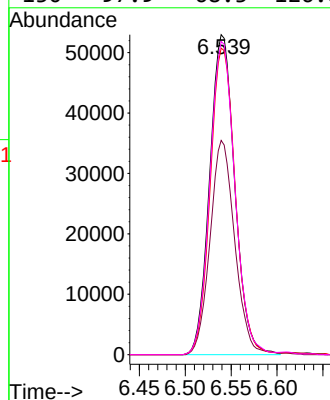
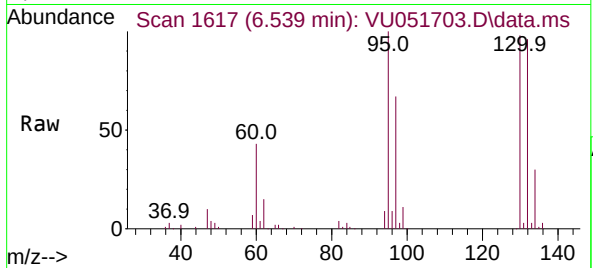




#34
Trichloroethene
Concen: 5.142 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

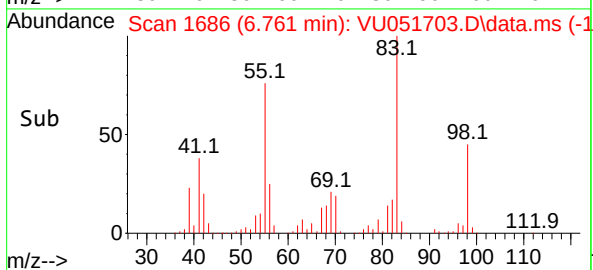
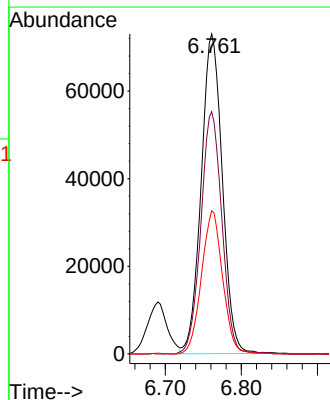
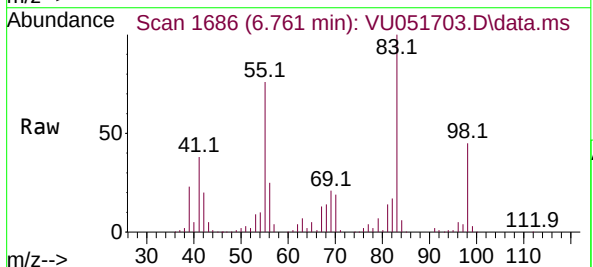
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

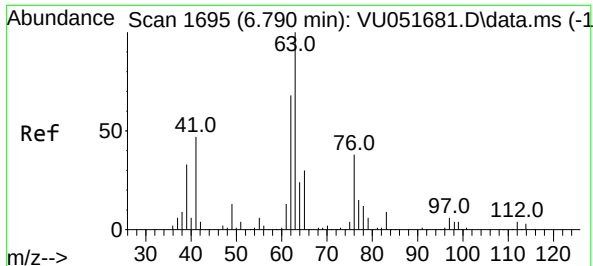
Tgt Ion: 95 Resp: 100753
Ion Ratio Lower Upper
95 100
97 66.9 45.2 84.0
132 95.8 66.5 123.5
130 97.9 68.3 126.8



#35
Methylcyclohexane
Concen: 5.206 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion: 83 Resp: 141054
Ion Ratio Lower Upper
83 100
55 75.5 60.6 90.8
98 44.7 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.238 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

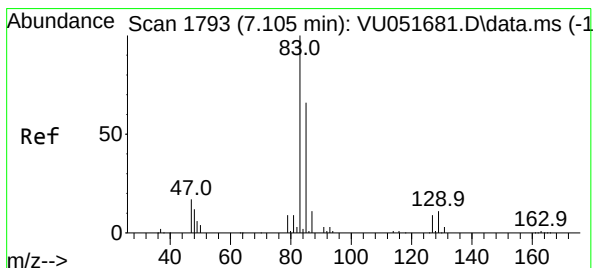
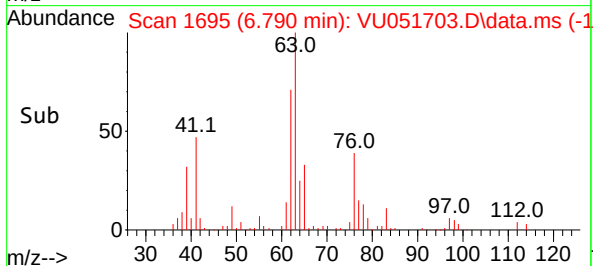
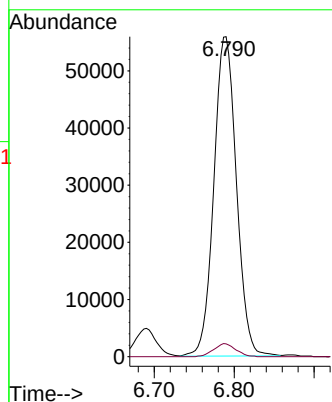
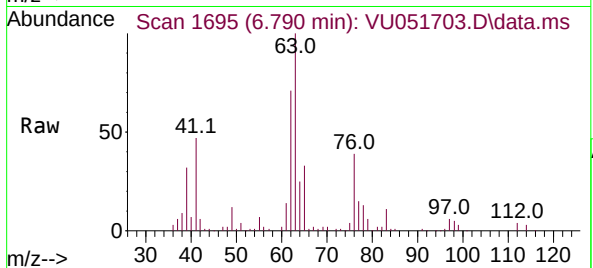
VSTD005196

Tgt Ion: 63 Resp: 109392

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.224 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

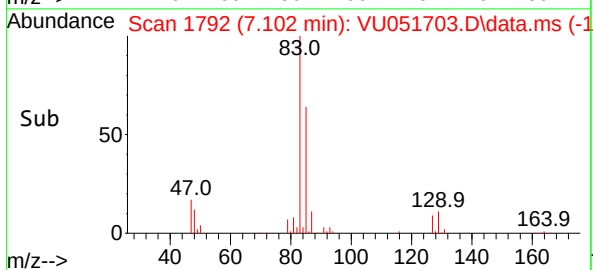
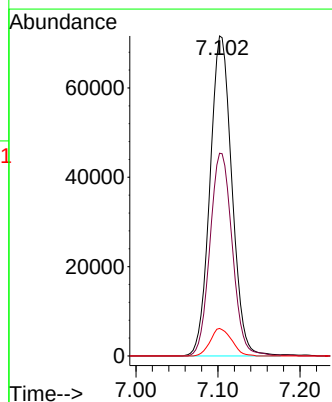
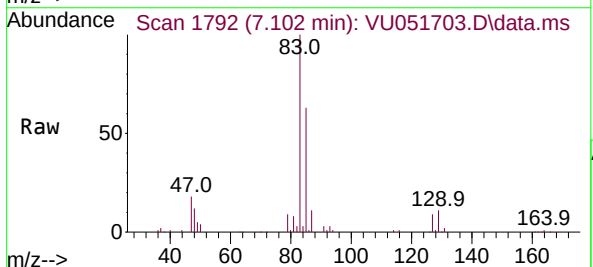
Tgt Ion: 83 Resp: 133254

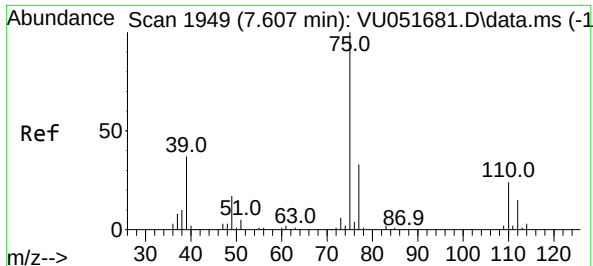
Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.7

127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.139 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

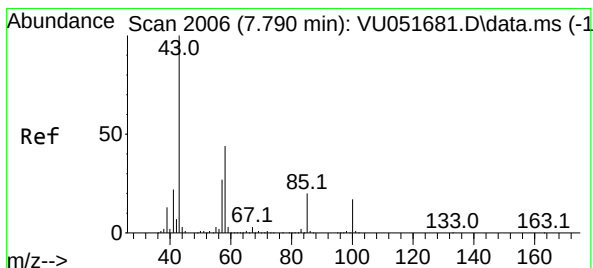
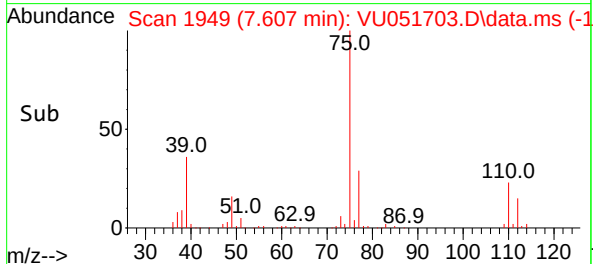
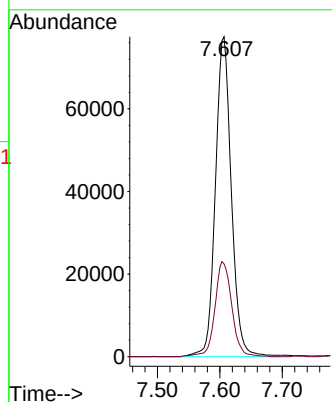
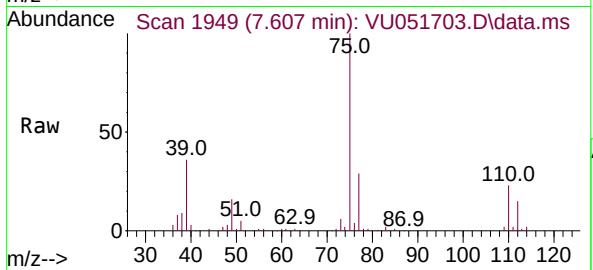
VSTD005196

Tgt Ion: 75 Resp: 137692

Ion Ratio Lower Upper

75 100

77 29.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 53.285 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

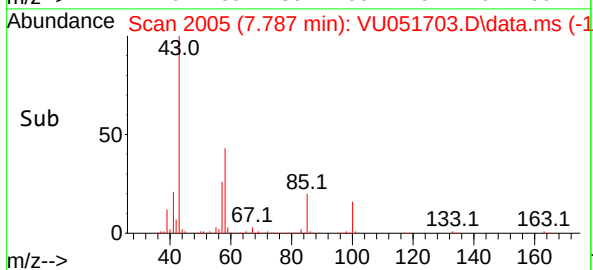
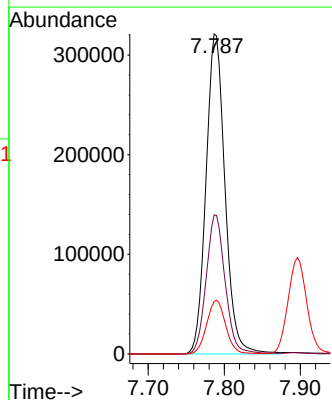
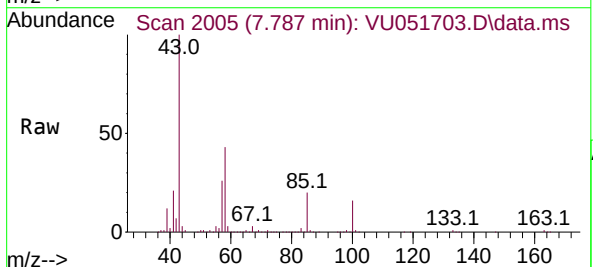
Tgt Ion: 43 Resp: 558143

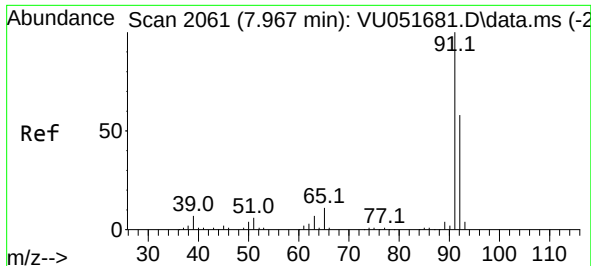
Ion Ratio Lower Upper

43 100

58 43.5 35.0 52.6

100 16.8 13.4 20.0





#42

Toluene

Concen: 5.389 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

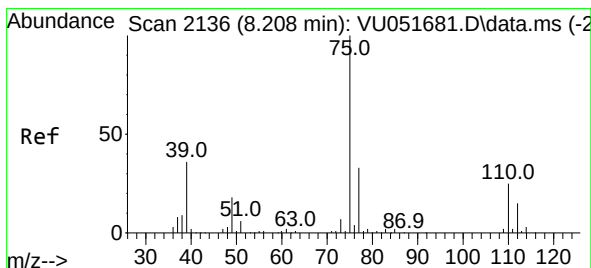
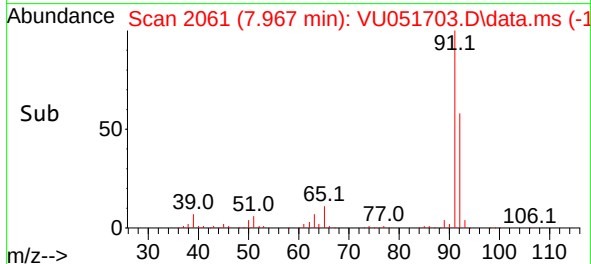
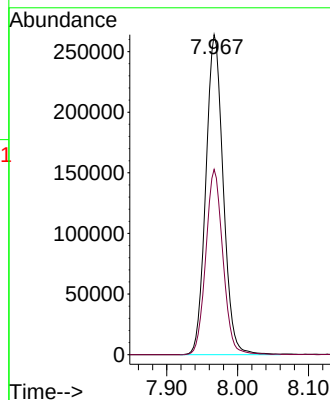
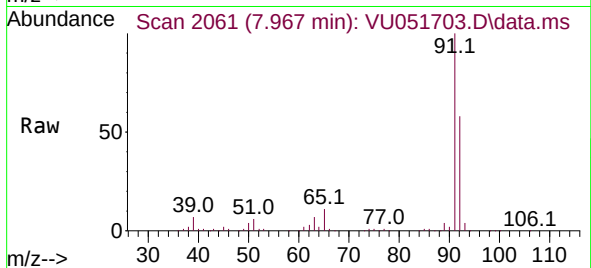
VSTD005196

Tgt Ion: 91 Resp: 449358

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.228 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051703.D

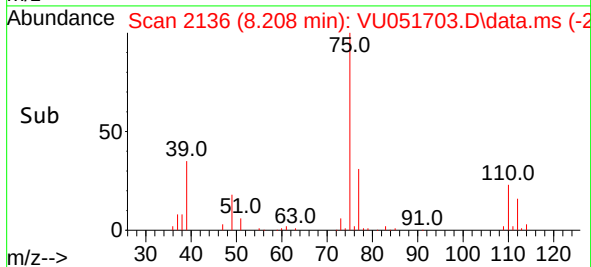
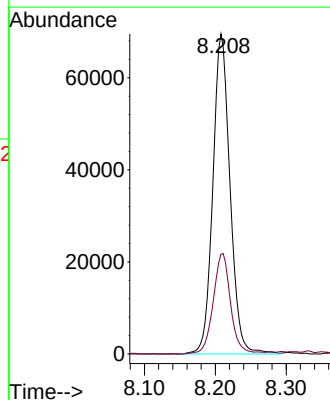
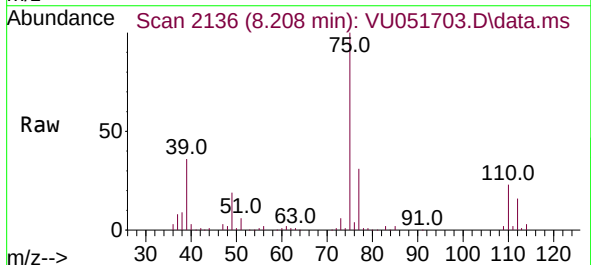
Acq: 02 Nov 2022 20:16

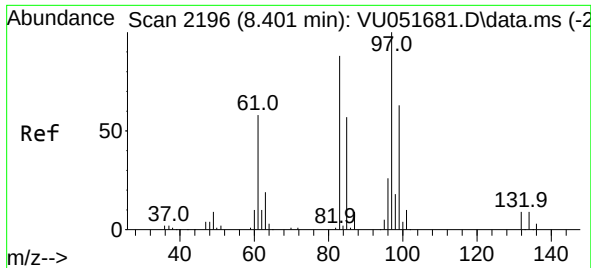
Tgt Ion: 75 Resp: 117056

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6

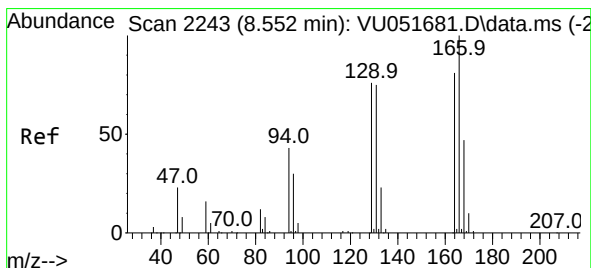
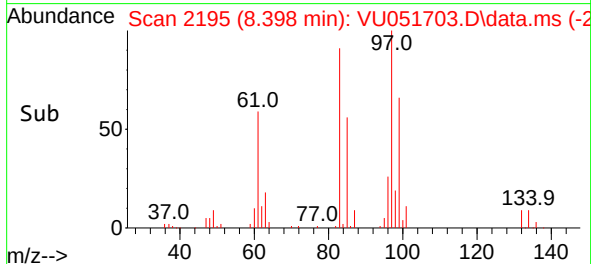
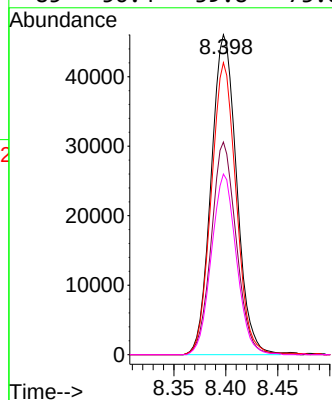
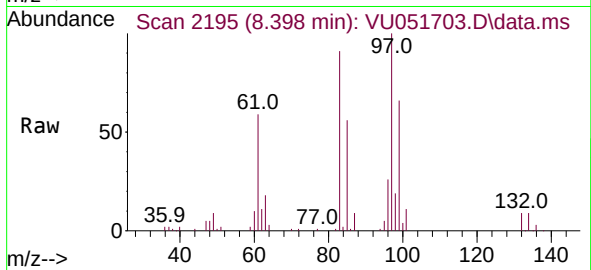




#45
1,1,2-Trichloroethane
Concen: 5.138 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

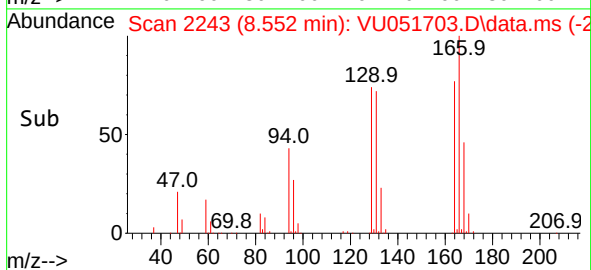
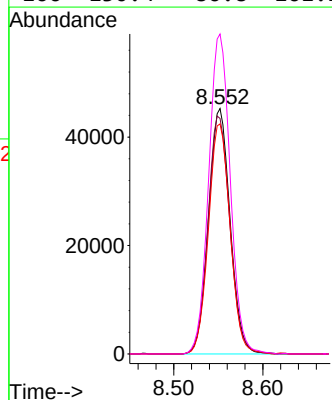
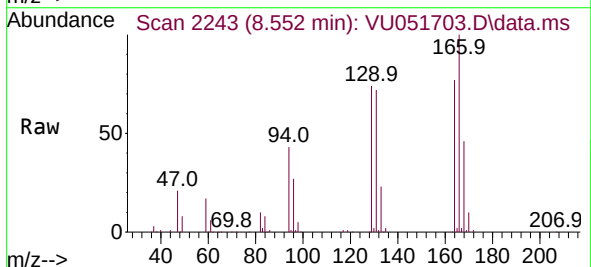
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

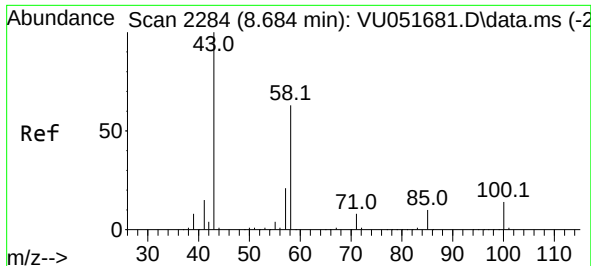
Tgt Ion:	97	Resp:	78624
Ion	Ratio	Lower	Upper
97	100		
99	66.4	43.4	80.6
83	91.3	61.3	113.9
85	56.4	39.8	73.8



#47
Tetrachloroethene
Concen: 5.107 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion:	164	Resp:	76645
Ion	Ratio	Lower	Upper
164	100		
129	96.0	64.0	118.8
131	93.7	60.7	112.7
166	130.4	86.8	161.2



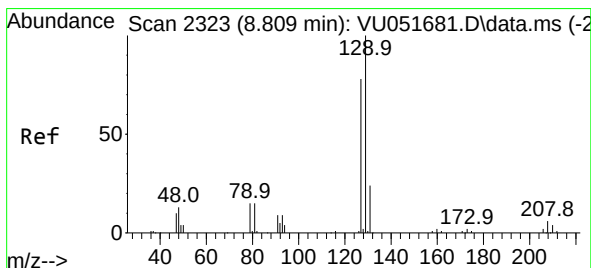
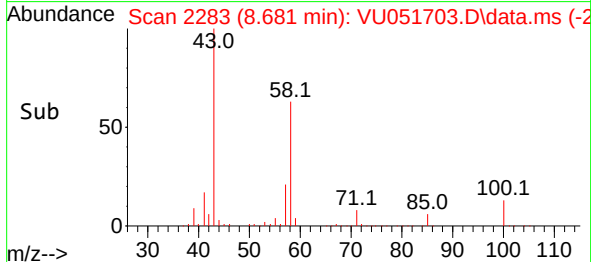
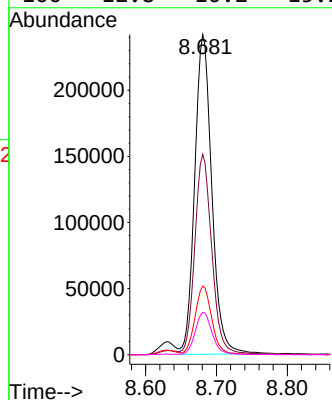
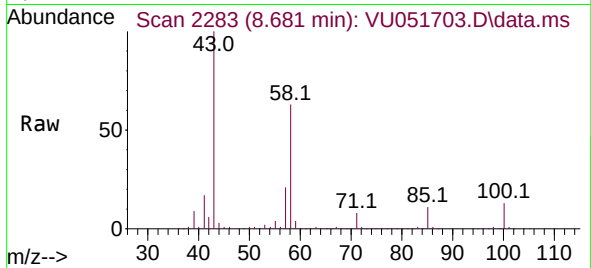


#48
2-Hexanone
Concen: 52.403 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

Tgt Ion: 43 Resp: 406303

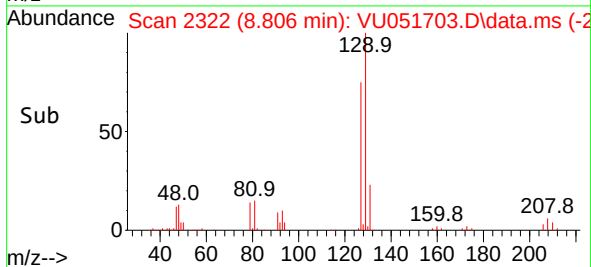
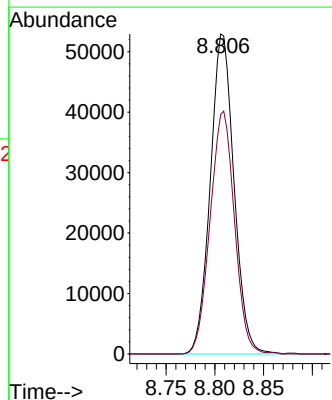
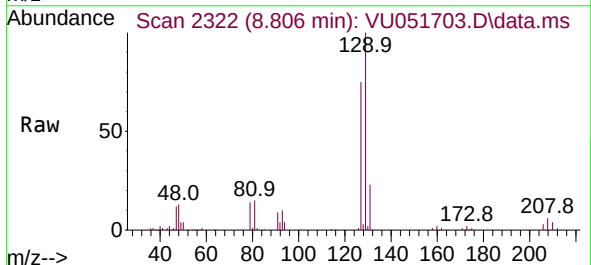
Ion	Ratio	Lower	Upper
43	100		
58	61.8	48.2	72.2
57	21.0	16.6	25.0
100	12.8	10.2	15.2

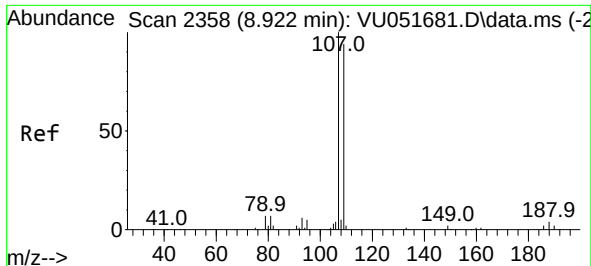


#49
Dibromochloromethane
Concen: 5.125 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion: 129 Resp: 89600

Ion	Ratio	Lower	Upper
129	100		
127	74.8	54.8	101.8





#50

1,2-Dibromoethane

Concen: 5.258 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005196

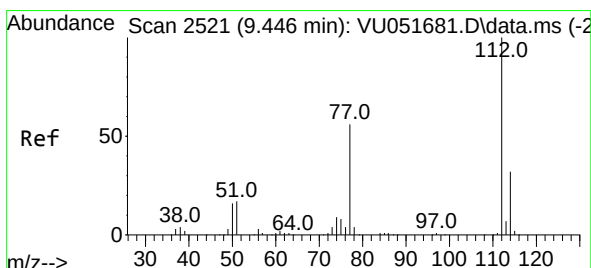
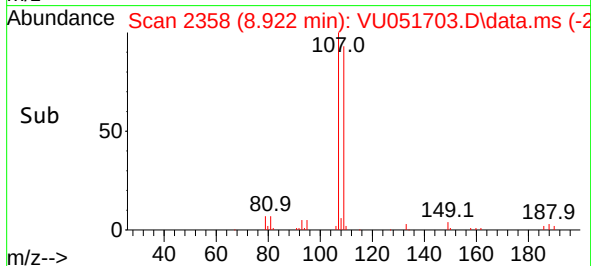
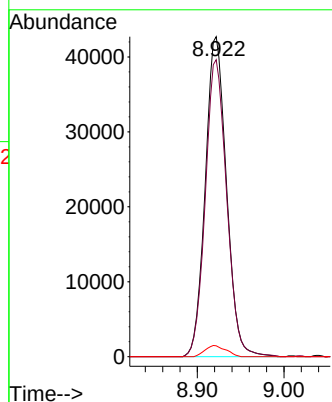
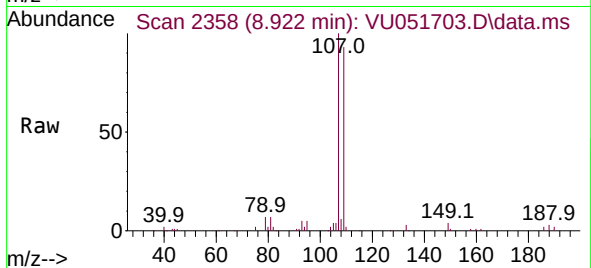
Tgt Ion:107 Resp: 72597

Ion Ratio Lower Upper

107 100

109 92.8 63.0 117.0

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 5.268 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

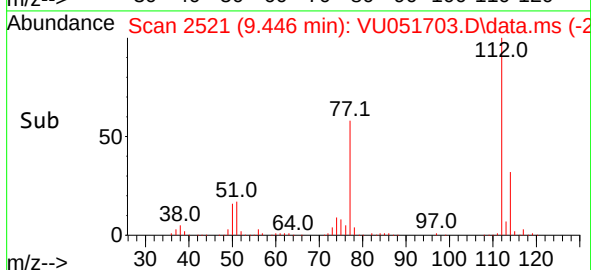
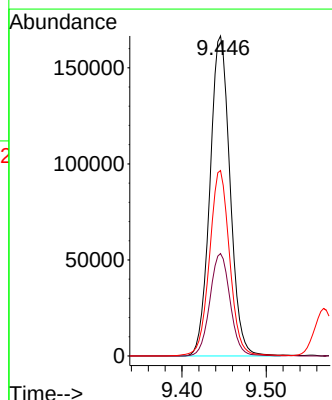
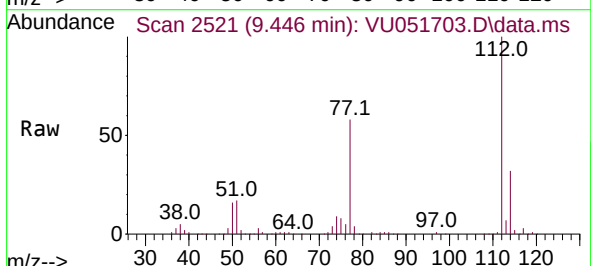
Tgt Ion:112 Resp: 276477

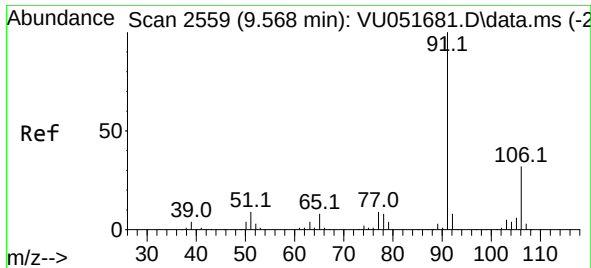
Ion Ratio Lower Upper

112 100

114 32.0 22.0 40.8

77 58.0 46.7 70.1

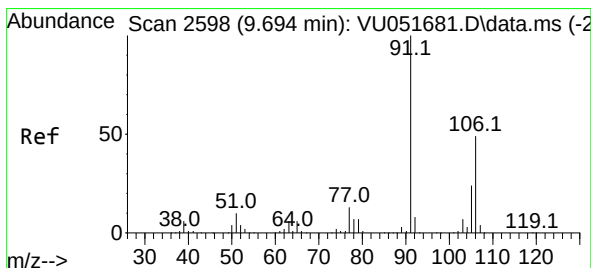
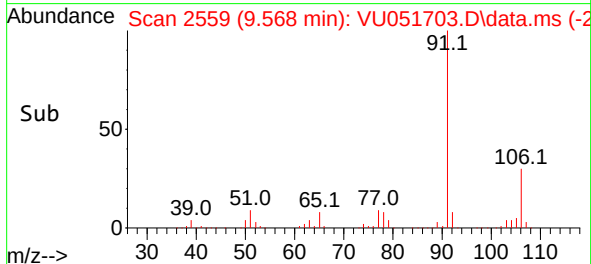
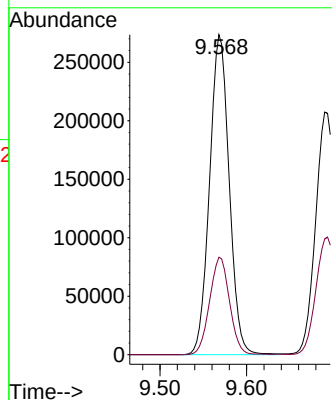
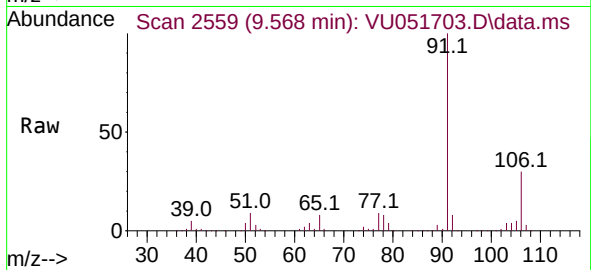




#52
Ethylbenzene
Concen: 5.346 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

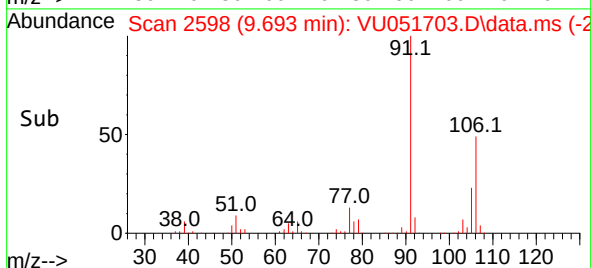
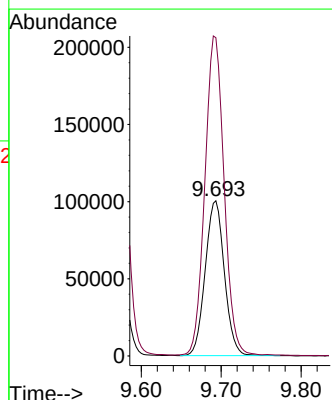
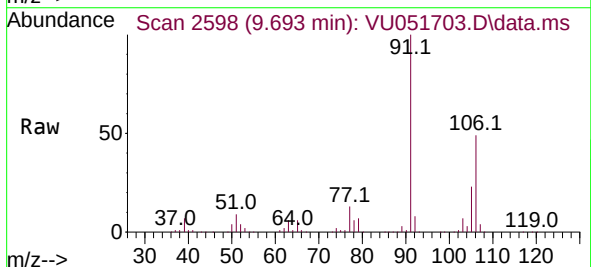
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

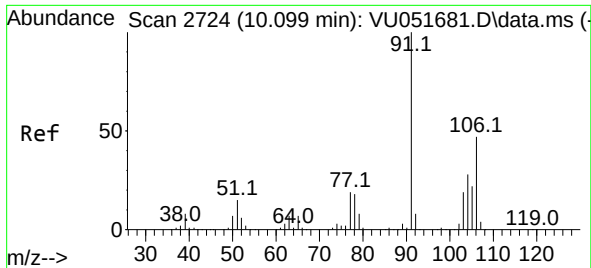
Tgt Ion: 91 Resp: 430105
Ion Ratio Lower Upper
91 100
106 30.4 21.8 40.6



#53
m,p-Xylene
Concen: 5.366 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion: 106 Resp: 167698
Ion Ratio Lower Upper
106 100
91 205.2 139.4 259.0

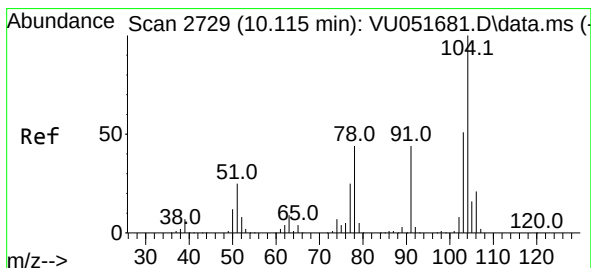
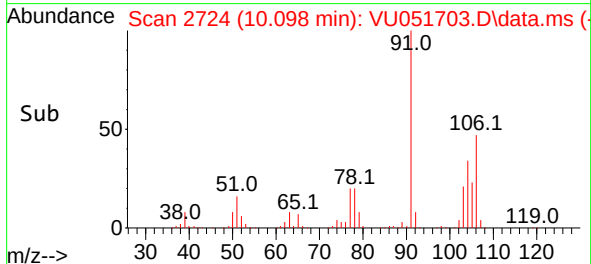
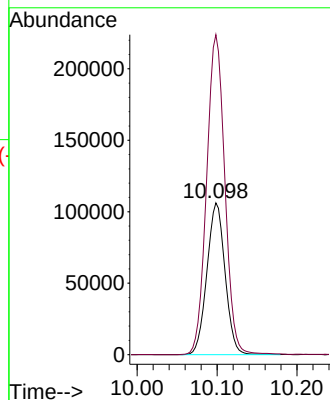
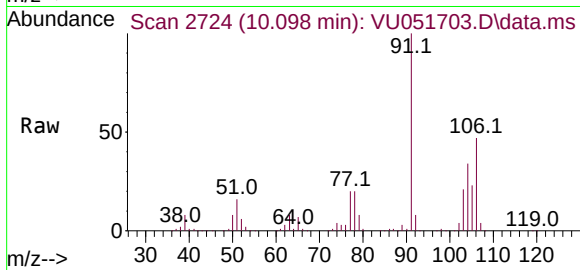




#54
o-Xylene
Concen: 5.499 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

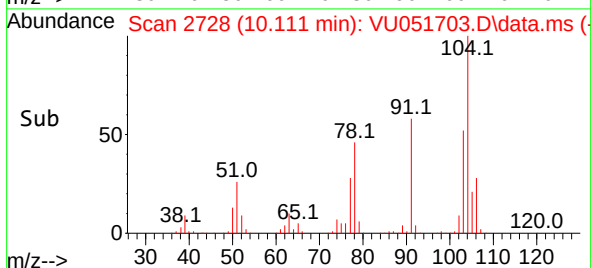
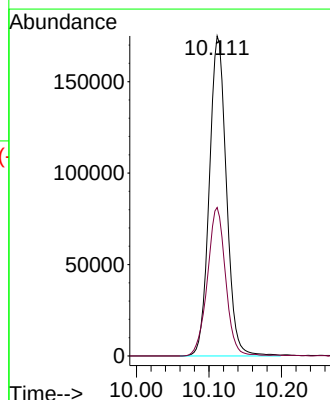
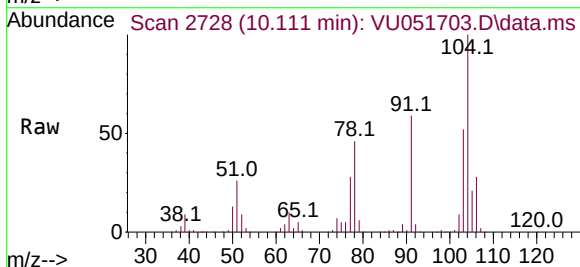
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

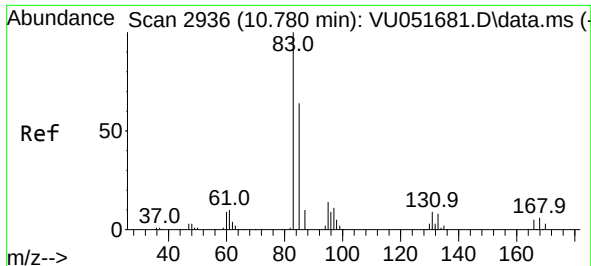
Tgt Ion:106 Resp: 167947
Ion Ratio Lower Upper
106 100
91 210.7 149.2 277.2



#55
Styrene
Concen: 5.622 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion:104 Resp: 287086
Ion Ratio Lower Upper
104 100
78 46.4 31.8 59.0

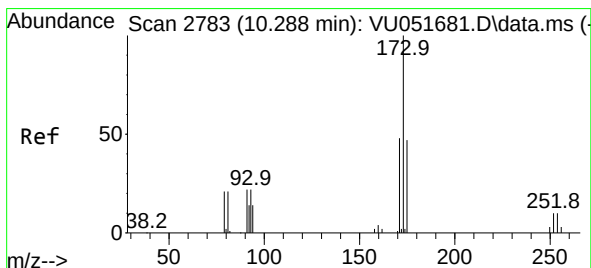
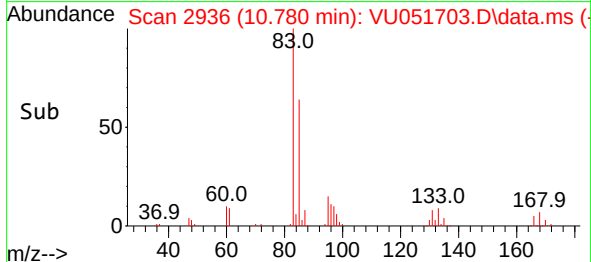
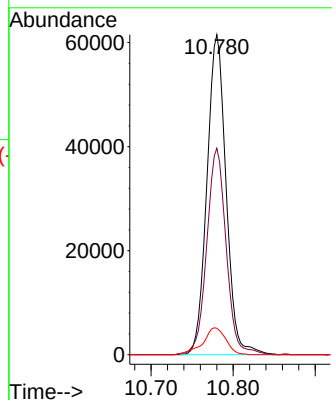
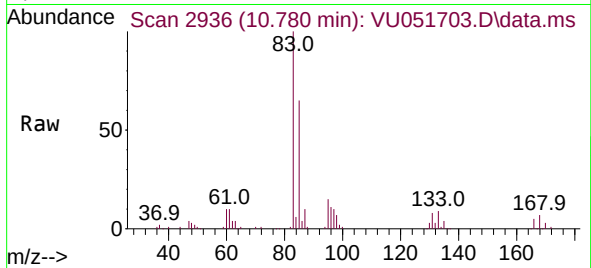




#57
1,1,2,2-Tetrachloroethane
Concen: 5.250 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

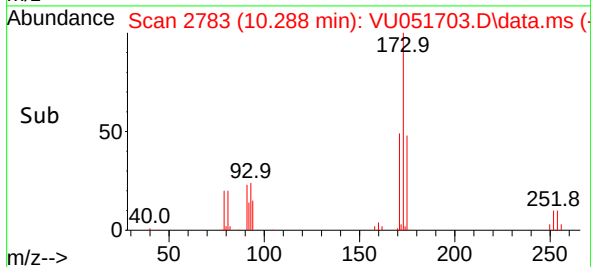
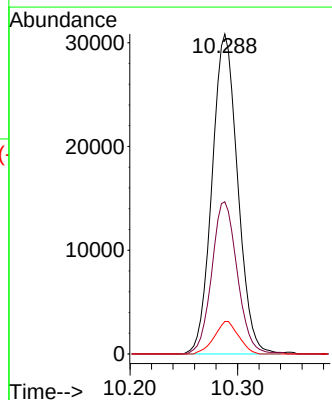
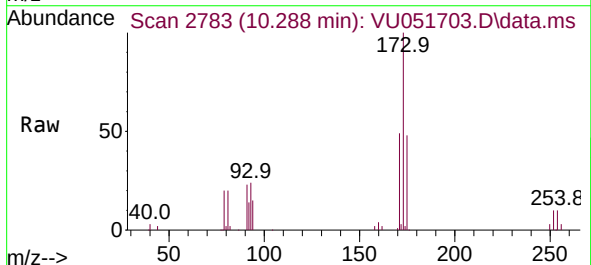
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

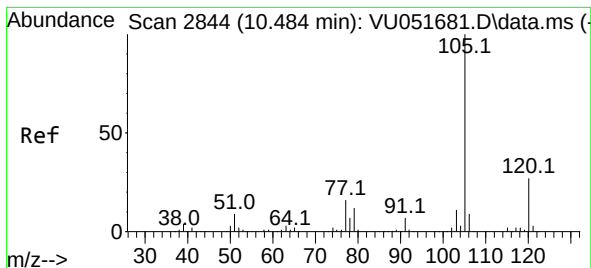
Tgt Ion: 83 Resp: 99616
Ion Ratio Lower Upper
83 100
85 64.5 44.9 83.5
131 8.2 7.8 11.8



#59
Bromoform
Concen: 5.017 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion: 173 Resp: 50963
Ion Ratio Lower Upper
173 100
175 47.5 38.7 58.1
254 9.6 7.3 10.9





#60

Isopropylbenzene

Concen: 5.317 ug/L

RT: 10.481 min Scan# 2844

Delta R.T. -0.003 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005196

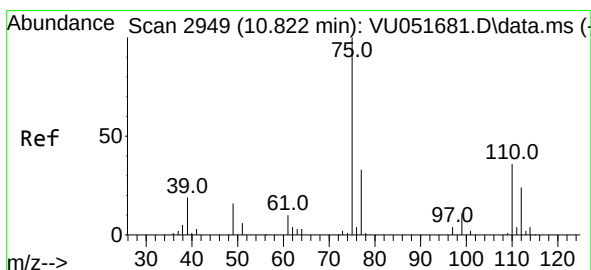
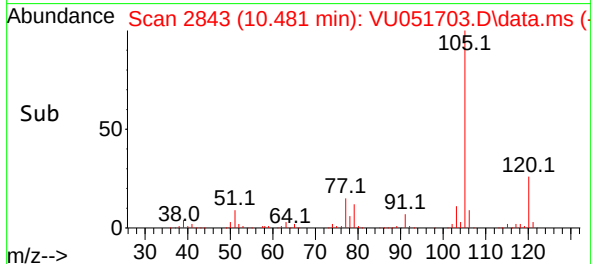
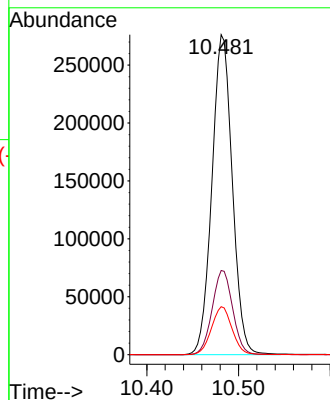
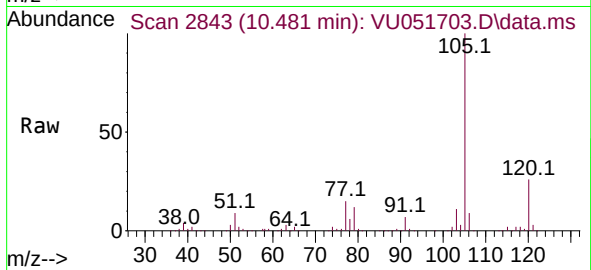
Tgt Ion:105 Resp: 426783

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 15.2 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 4.982 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

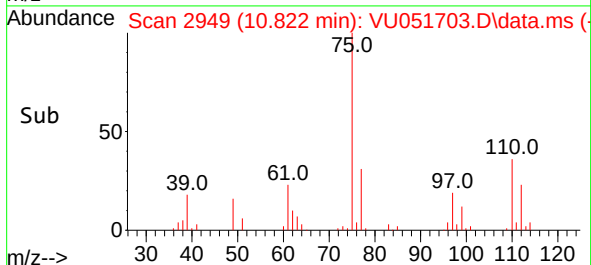
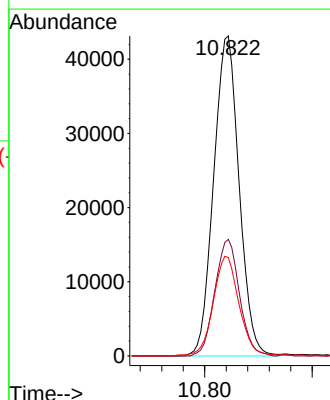
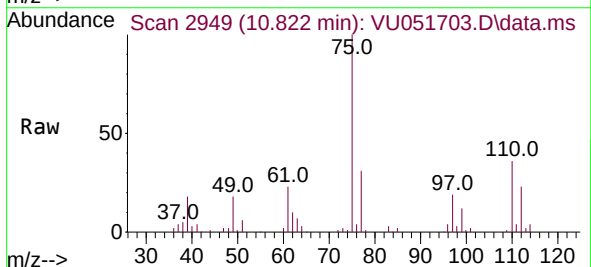
Tgt Ion: 75 Resp: 70825

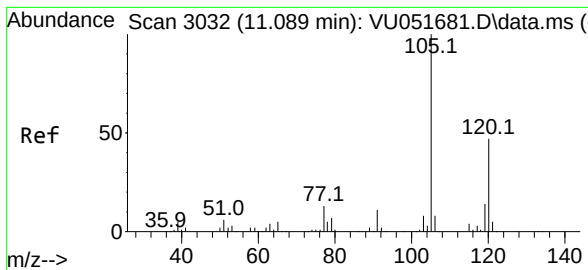
Ion Ratio Lower Upper

75 100

110 35.1 28.7 43.1

77 31.7 26.1 39.1

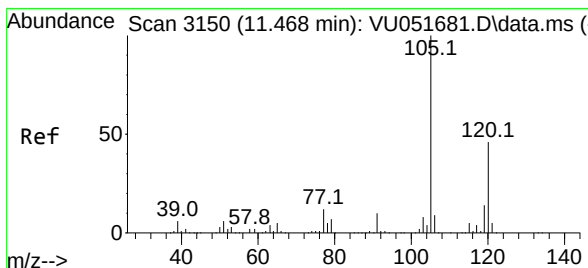
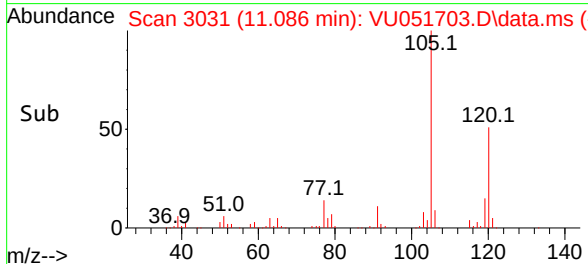
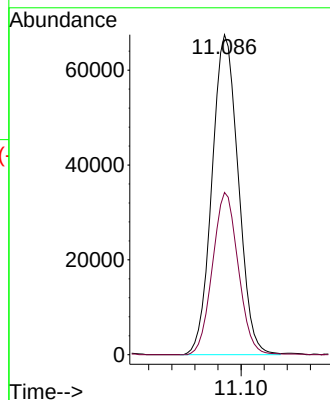
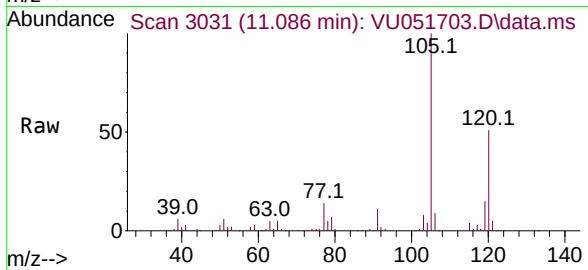




#62
1,3,5-Trimethylbenzene
Concen: 4.933 ug/L
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

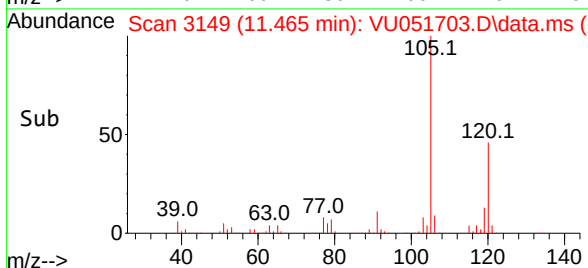
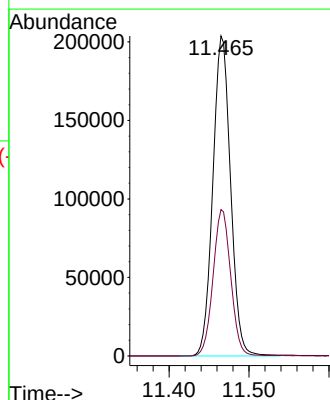
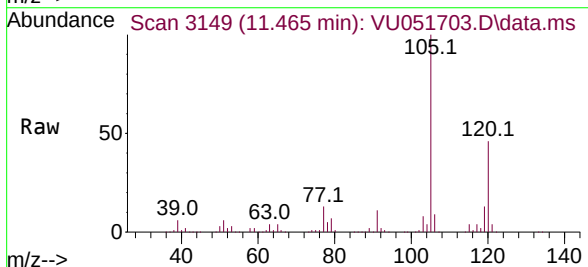
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

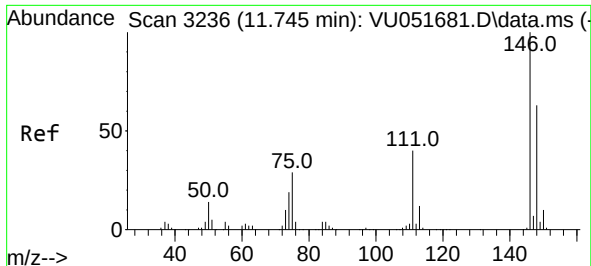
Tgt Ion:105 Resp: 106586
Ion Ratio Lower Upper
105 100
120 49.6 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 5.039 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion:105 Resp: 313966
Ion Ratio Lower Upper
105 100
120 45.5 35.8 53.6

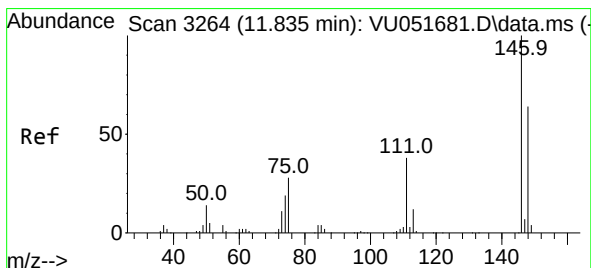
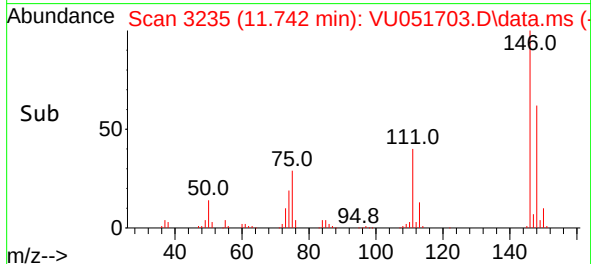
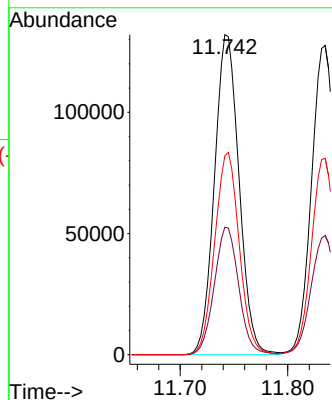
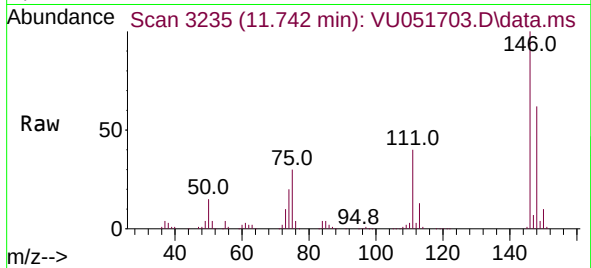




#64
1,3-Dichlorobenzene
Concen: 5.258 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

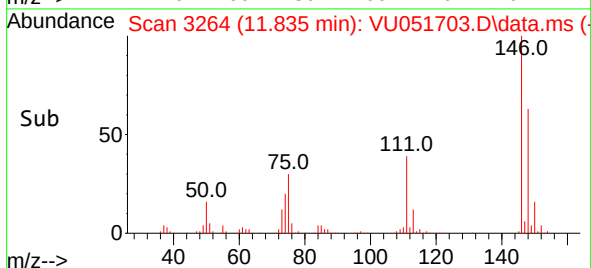
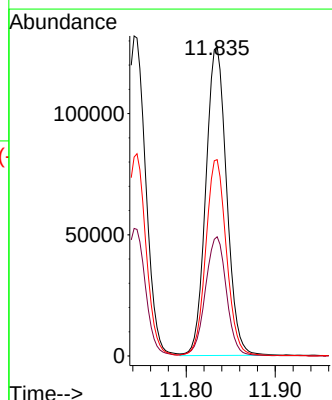
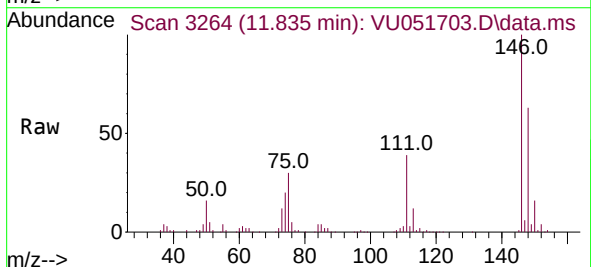
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

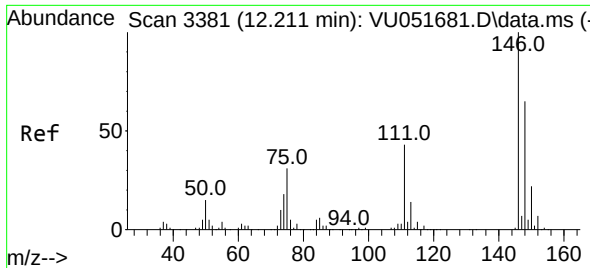
Tgt Ion:146 Resp: 210081
Ion Ratio Lower Upper
146 100
111 39.9 28.6 53.2
148 62.1 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.154 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion:146 Resp: 206504
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.5
148 63.5 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.074 ug/L

RT: 12.208 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

Instrument :

MSVOA_U

ClientSampleId :

VSTD005196

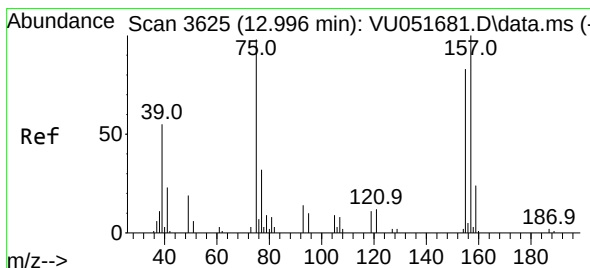
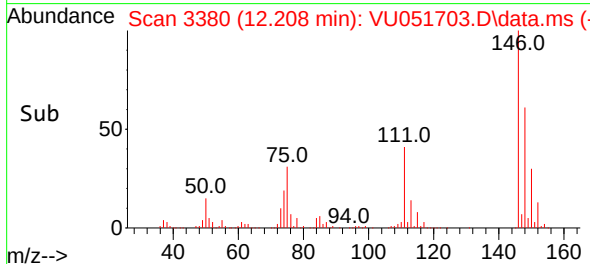
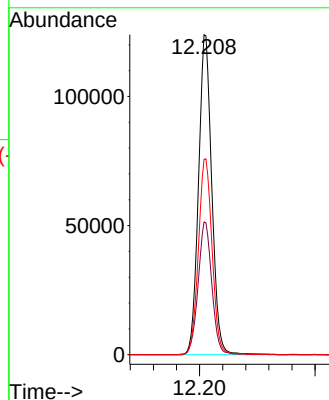
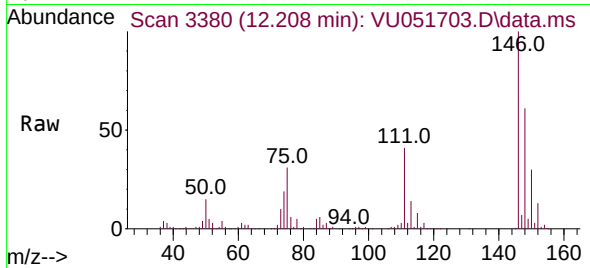
Tgt Ion:146 Resp: 197472

Ion Ratio Lower Upper

146 100

111 41.5 34.2 51.2

148 61.0 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.838 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU051703.D

Acq: 02 Nov 2022 20:16

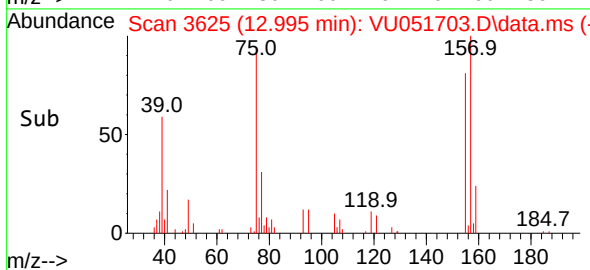
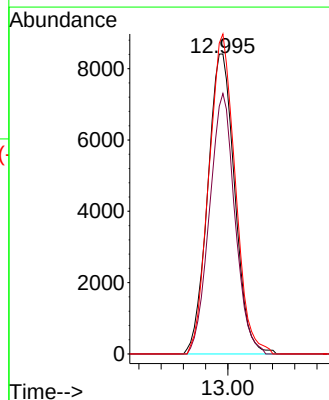
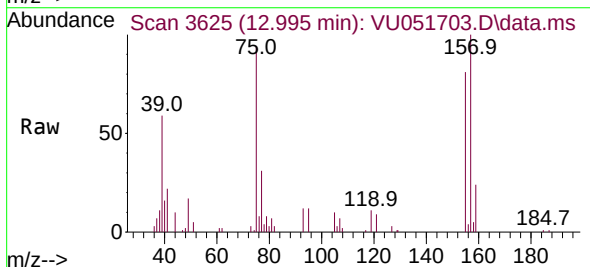
Tgt Ion: 75 Resp: 14163

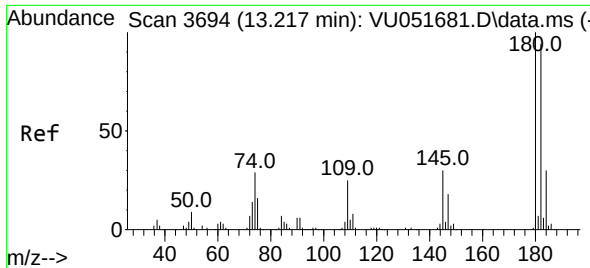
Ion Ratio Lower Upper

75 100

155 86.8 61.4 92.2

157 106.6 86.7 130.1

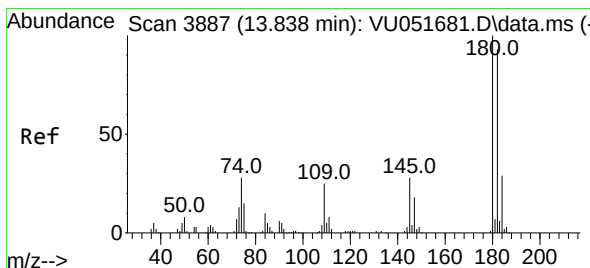
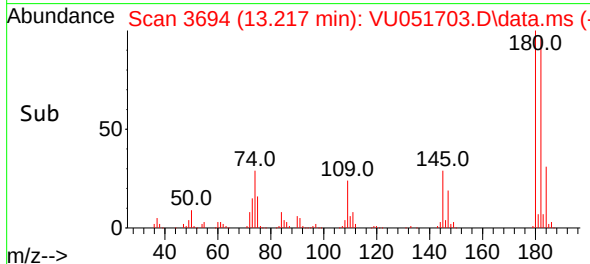
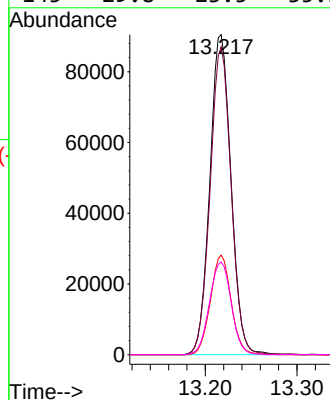
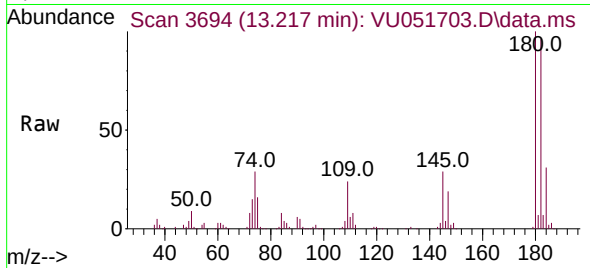




#69
1,3,5-Trichlorobenzene
Concen: 5.092 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

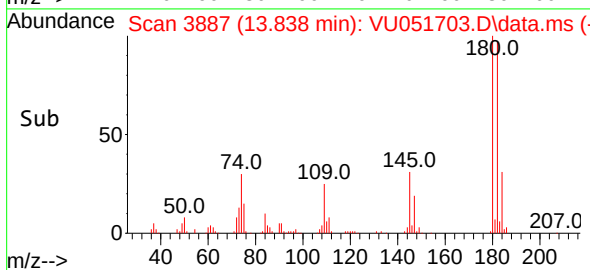
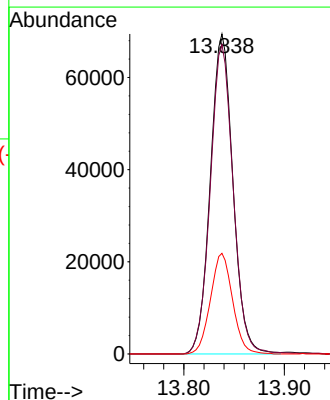
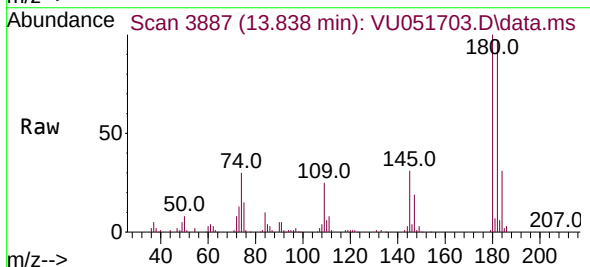
Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

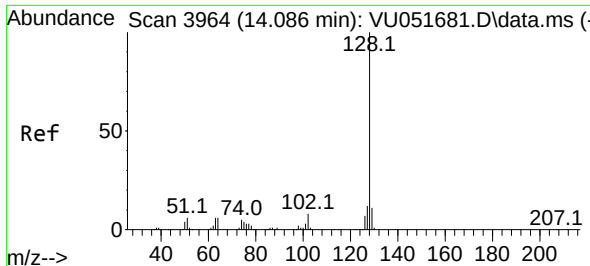
Tgt Ion:180 Resp: 145021
Ion Ratio Lower Upper
180 100
182 95.2 77.0 115.6
184 30.5 23.7 35.5
145 29.8 23.5 35.3



#70
1,2,4-trichlorobenzene
Concen: 4.970 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion:180 Resp: 108675
Ion Ratio Lower Upper
180 100
182 97.7 77.8 116.6
145 30.7 25.0 37.6

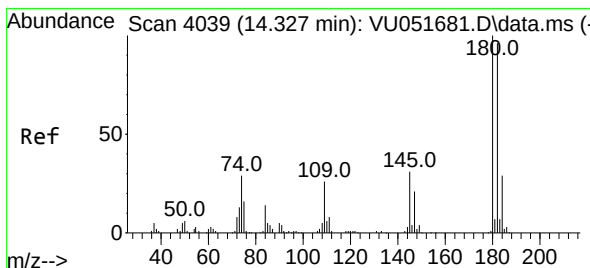
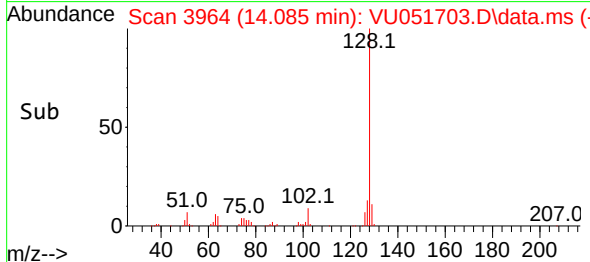
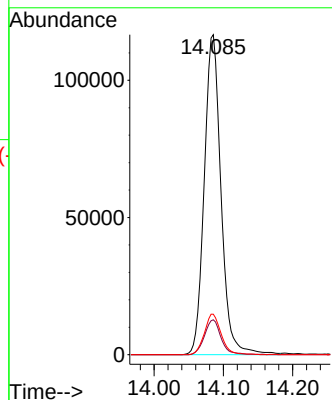
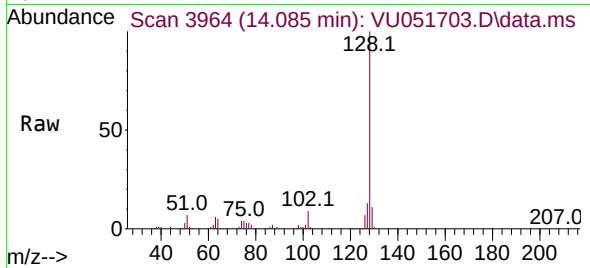




#71
Naphthalene
Concen: 4.800 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Instrument :
MSVOA_U
ClientSampleId :
VSTD005196

Tgt Ion:128 Resp: 195916
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.6 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.101 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051703.D
Acq: 02 Nov 2022 20:16

Tgt Ion:180 Resp: 112637
Ion Ratio Lower Upper
180 100
182 95.0 76.1 114.1
145 32.8 25.6 38.4

