

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051934.D
 Acq On : 19 Nov 2022 05:22
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

Quant Time: Nov 19 06:05:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	251350	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	255654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	126999	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	123274	5.042	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.800%	
7) Chloroethane-d5	1.906	69	98052	5.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 103.200%	
11) 1,1-Dichloroethene-d2	2.565	65	43299	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 98.800%	
20) 2-Butanone-d5	4.616	46	223451	50.421	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	= 100.840%	
24) Chloroform-d	5.060	84	185770	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 103.400%	
26) 1,2-Dichloroethane-d4	5.700	65	91798	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 101.200%	
32) Benzene-d6	5.722	84	397426	5.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 104.800%	
36) 1,2-Dichloropropane-d6	6.687	67	122784	5.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 104.600%	
41) Toluene-d8	7.896	98	368725	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 107.400%	
43) trans-1,3-Dichloroprop...	8.176	79	42348	4.947	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 99.000%	
46) 2-Hexanone-d5	8.629	63	191139	52.692	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 105.380%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	105267	5.169	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 103.400%	
66) 1,2-Dichlorobenzene-d4	12.192	152	123474	5.078	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 101.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	102390	4.697	ug/L	99
3) Chloromethane	1.527	50	141799	4.984	ug/L	99
5) Vinyl chloride	1.604	62	137361	5.025	ug/L	98
6) Bromomethane	1.845	94	73033	5.207	ug/L	99
8) Chloroethane	1.928	64	82148	4.833	ug/L	97
9) Trichlorofluoromethane	2.134	101	143744	4.780	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	84064	4.572	ug/L	98
12) 1,1-Dichloroethene	2.578	96	87870	4.819	ug/L	94
13) Acetone	2.620	43	139342	46.303	ug/L	99
14) Carbon disulfide	2.790	76	299219	4.740	ug/L	98
15) Methyl Acetate	2.948	43	36691	4.701	ug/L	99
16) Methylene chloride	3.044	84	123221	4.995	ug/L	99
17) Methyl tert-butyl Ether	3.359	73	201255	4.930	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	97204	4.973	ug/L	98
19) 1,1-Dichloroethane	3.867	63	177876	5.049	ug/L	99
21) 2-Butanone	4.694	43	234173	48.550	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	107271	5.229	ug/L	96
23) Bromochloromethane	4.973	128	49811	5.075	ug/L	95
25) Chloroform	5.086	83	185023	5.183	ug/L	99

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

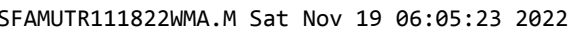
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

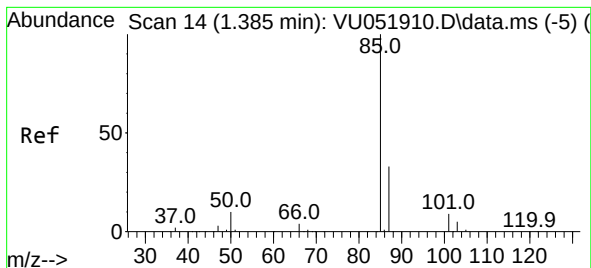
Quant Time: Nov 19 06:05:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	111180	5.085	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	139494	4.918	ug/L	99
30) Cyclohexane	5.388	56	130081	4.723	ug/L	97
31) Carbon tetrachloride	5.523	117	114351	4.745	ug/L	99
33) Benzene	5.771	78	424530	5.102	ug/L	100
34) Trichloroethene	6.539	95	99383	4.789	ug/L	98
35) Methylcyclohexane	6.761	83	134616	4.509	ug/L	99
37) 1,2-Dichloropropane	6.787	63	108393	5.032	ug/L	100
38) Bromodichloromethane	7.102	83	127371	4.850	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	133793	4.837	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	578175	51.381	ug/L	100
42) Toluene	7.967	91	451106	5.271	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	113095	4.775	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	79305	4.899	ug/L	99
47) Tetrachloroethene	8.552	164	76573	4.815	ug/L	95
48) 2-Hexanone	8.681	43	427182	51.783	ug/L	99
49) Dibromochloromethane	8.806	129	89336	4.927	ug/L	96
50) 1,2-Dibromoethane	8.922	107	73064	4.955	ug/L	99
51) Chlorobenzene	9.443	112	274639	5.033	ug/L	99
52) Ethylbenzene	9.568	91	427987	5.144	ug/L	99
53) m,p-Xylene	9.693	106	171076	5.310	ug/L	98
54) o-Xylene	10.099	106	167501	5.424	ug/L	100
55) Styrene	10.111	104	286211	5.488	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	103606	5.124	ug/L	98
59) Bromoform	10.288	173	50701	4.847	ug/L	98
60) Isopropylbenzene	10.481	105	417846	5.238	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	72124	4.962	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	325948	5.111	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	334829	5.290	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	209735	5.149	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	202130	4.976	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	201836	5.146	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	14702	4.622	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	138157	4.783	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	104713	4.761	ug/L	99
71) Naphthalene	14.085	128	197199	4.776	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	105545	4.877	ug/L	98

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

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Response via : Initial Calibration

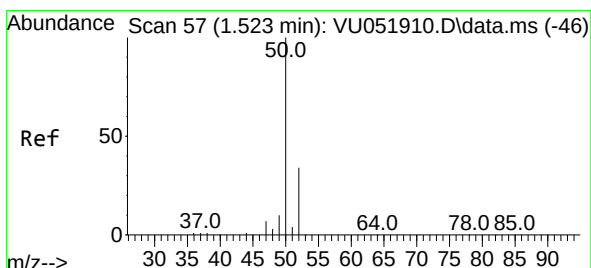
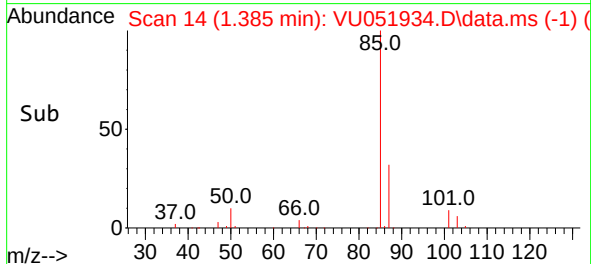
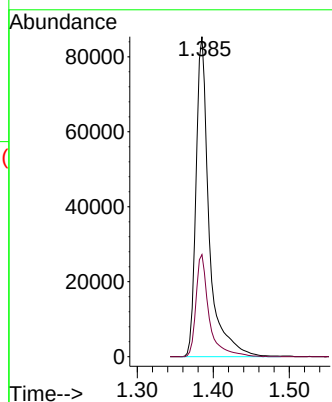
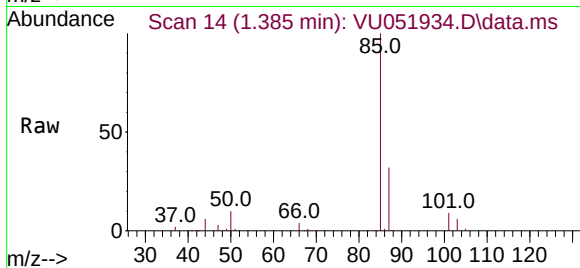




#2
Dichlorodifluoromethane
Concen: 4.697 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

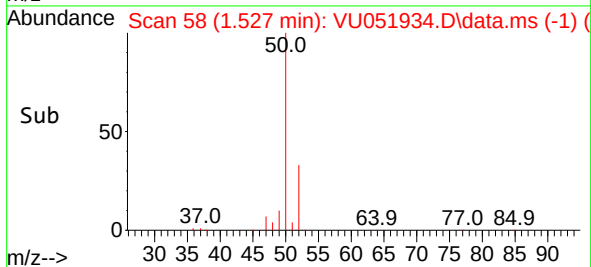
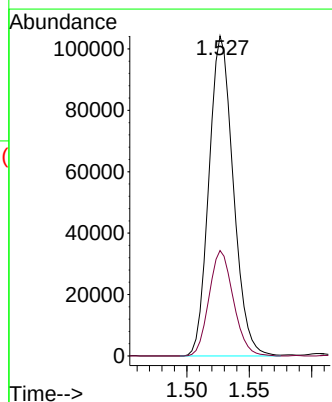
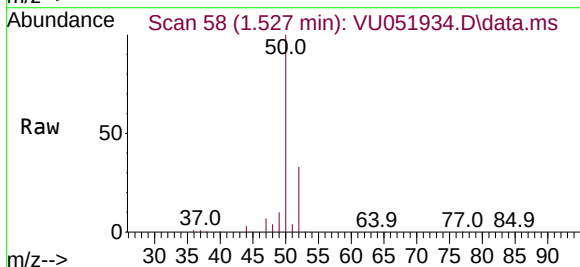
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

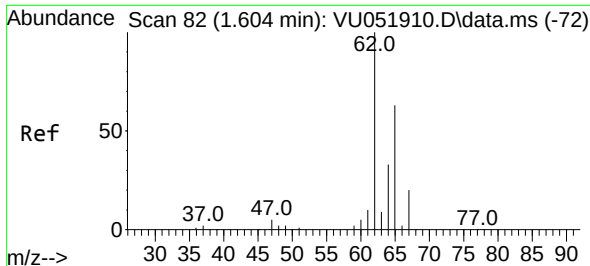
Tgt Ion: 85 Resp: 102390
Ion Ratio Lower Upper
85 100
87 31.8 25.8 38.8



#3
Chloromethane
Concen: 4.984 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 50 Resp: 141799
Ion Ratio Lower Upper
50 100
52 32.9 23.4 43.4

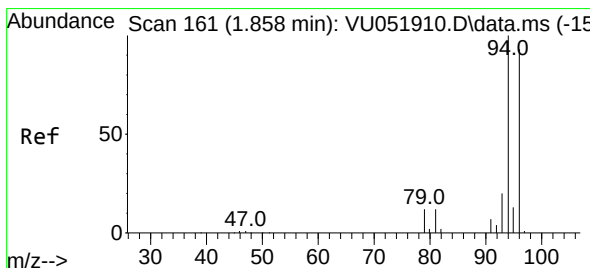
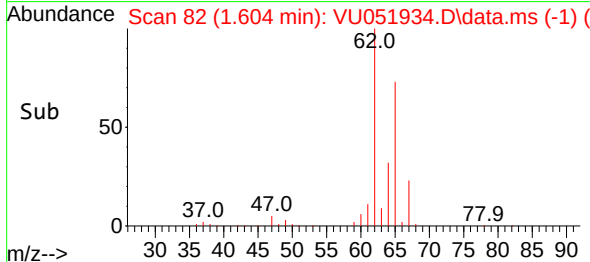
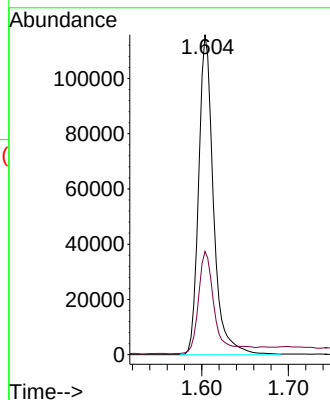
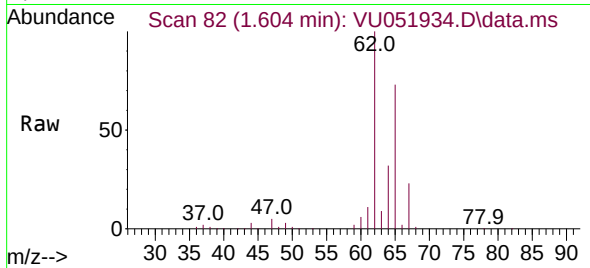




#5
 Vinyl chloride
 Concen: 5.025 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051934.D
 Acq: 19 Nov 2022 05:22

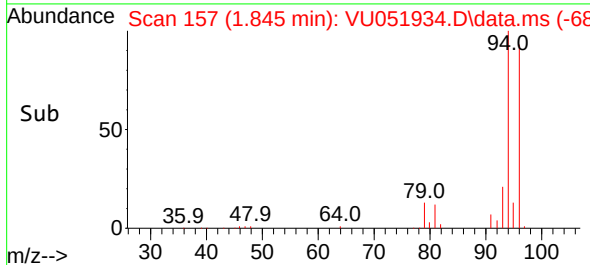
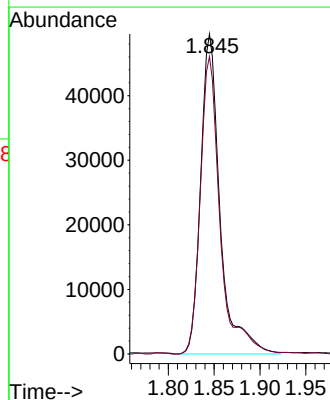
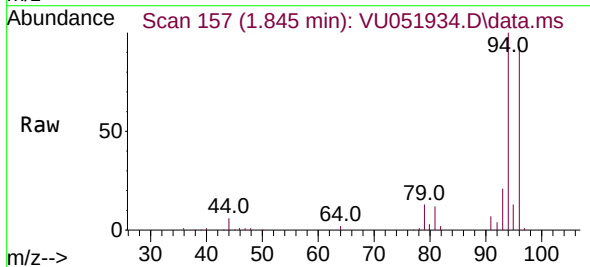
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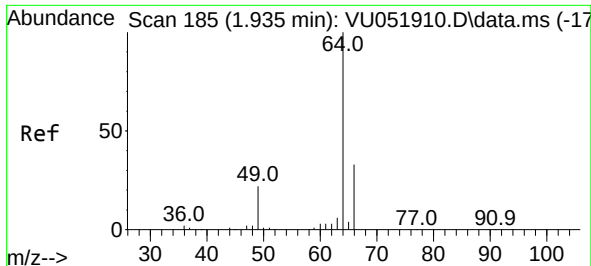
Tgt Ion: 62 Resp: 137361
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.5 43.7



#6
 Bromomethane
 Concen: 5.207 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.013 min
 Lab File: VU051934.D
 Acq: 19 Nov 2022 05:22

Tgt Ion: 94 Resp: 73033
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.7 122.1

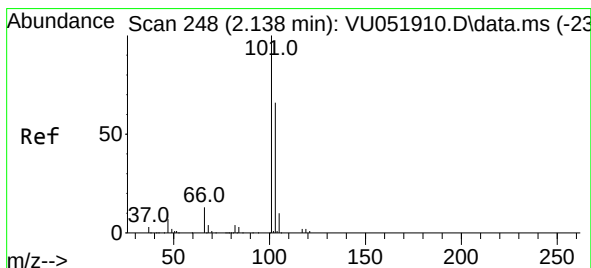
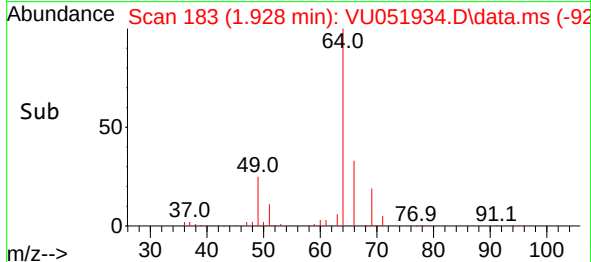
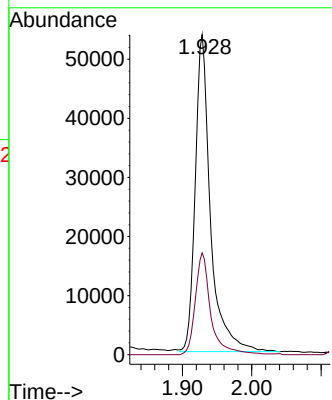
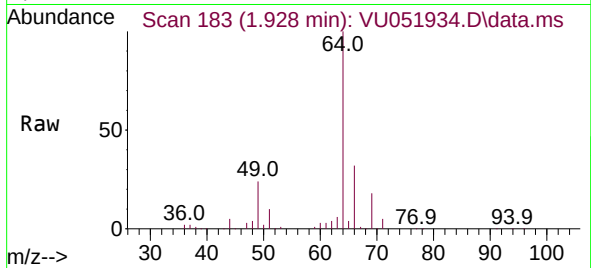




#8
Chloroethane
Concen: 4.833 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

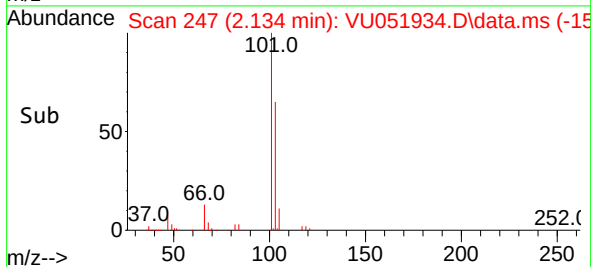
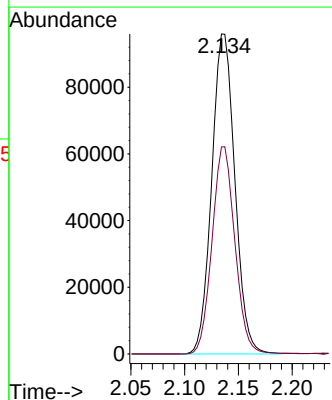
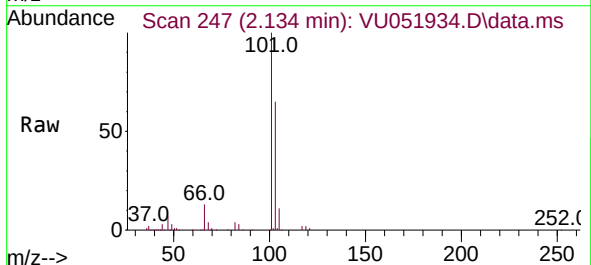
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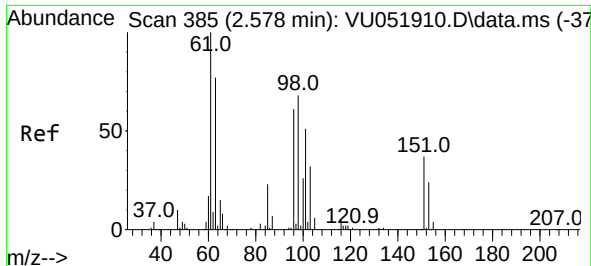
Tgt Ion: 64 Resp: 82148
Ion Ratio Lower Upper
64 100
66 31.8 21.1 39.1



#9
Trichlorofluoromethane
Concen: 4.780 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 101 Resp: 143744
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

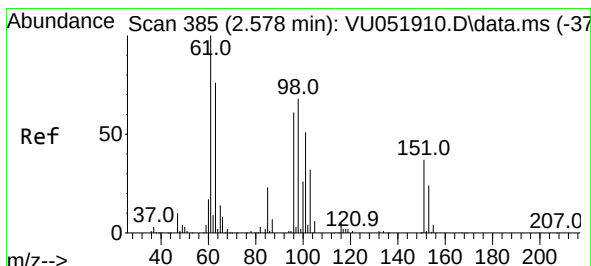
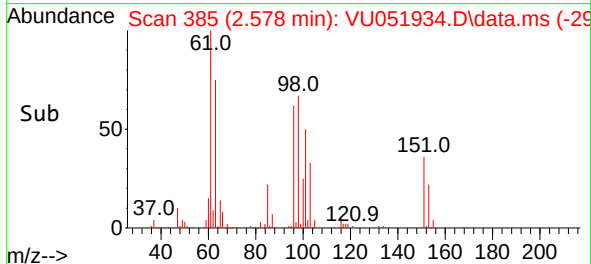
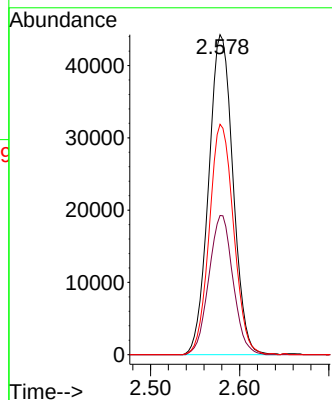
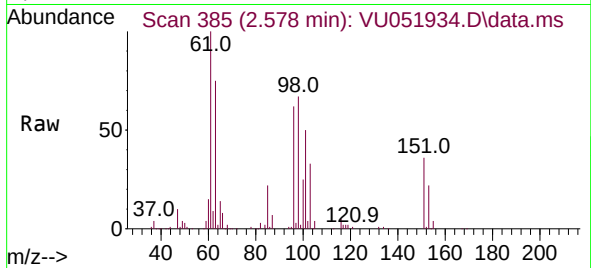




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.572 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051934.D
 Acq: 19 Nov 2022 05:22

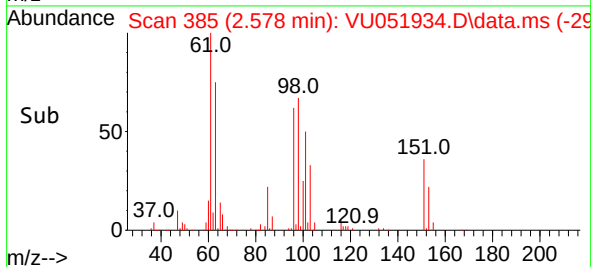
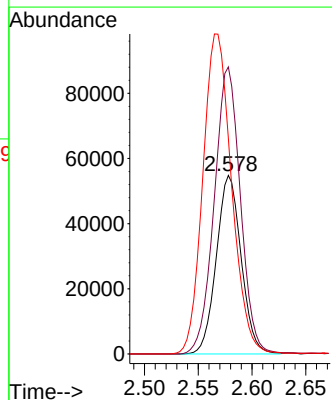
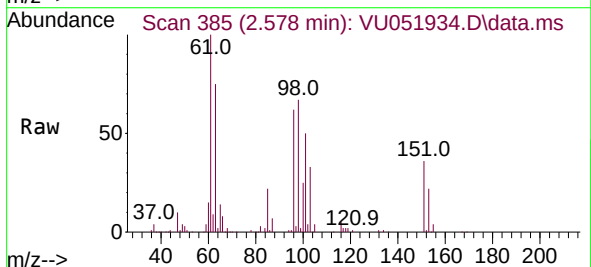
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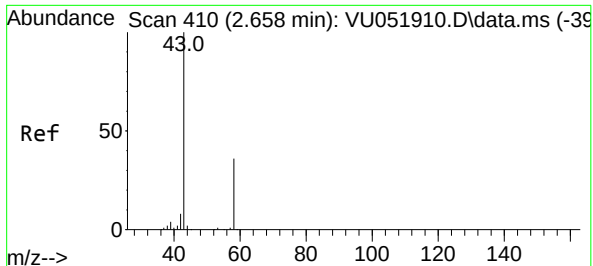
Tgt Ion:101 Resp: 84064
 Ion Ratio Lower Upper
 101 100
 85 43.1 33.8 50.6
 151 71.9 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 4.819 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051934.D
 Acq: 19 Nov 2022 05:22

Tgt Ion: 96 Resp: 87870
 Ion Ratio Lower Upper
 96 100
 61 160.8 114.8 213.2
 63 120.8 93.7 174.1





#13

Acetone

Concen: 46.303 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.039 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

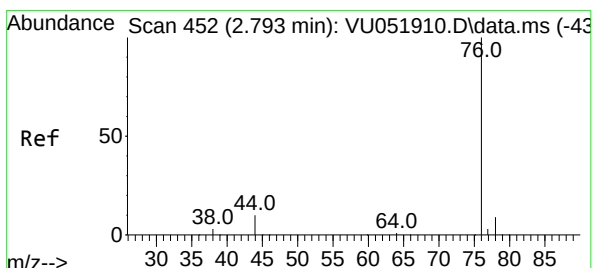
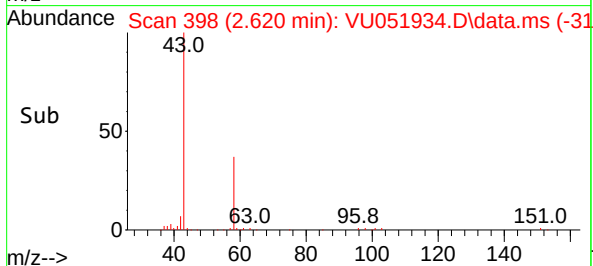
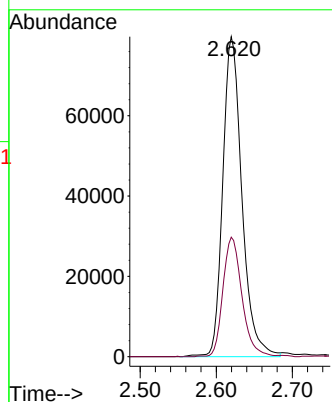
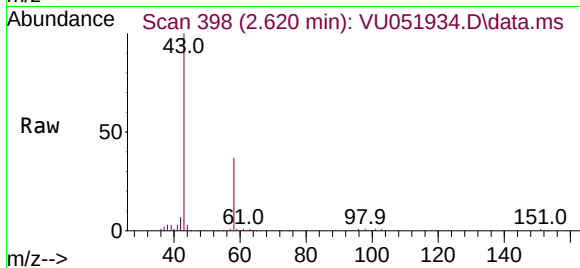
VSTD005084

Tgt Ion: 43 Resp: 139342

Ion Ratio Lower Upper

43 100

58 37.1 0.0 76.0



#14

Carbon disulfide

Concen: 4.740 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051934.D

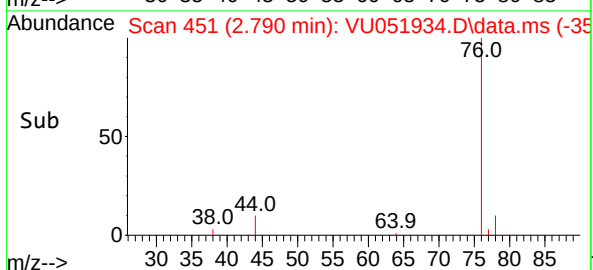
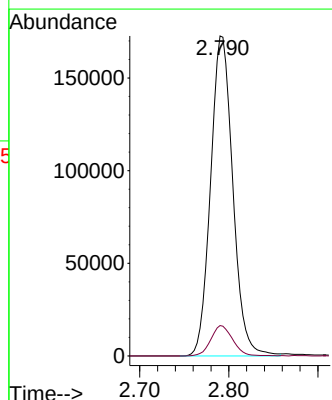
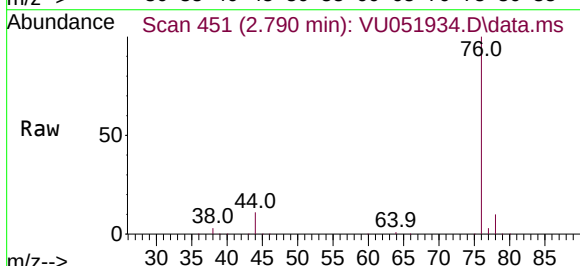
Acq: 19 Nov 2022 05:22

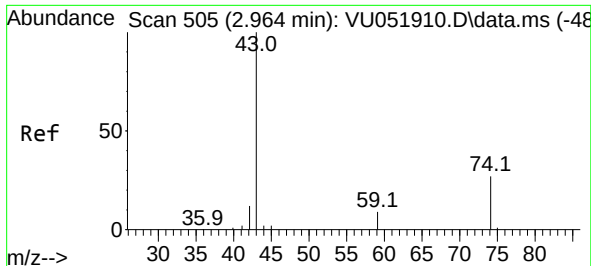
Tgt Ion: 76 Resp: 299219

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4

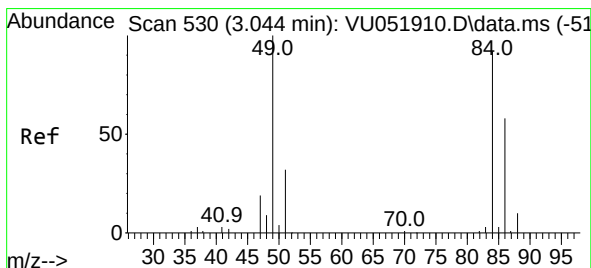
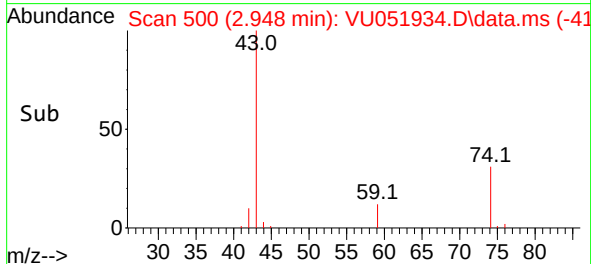
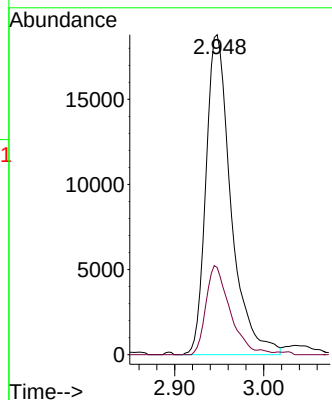
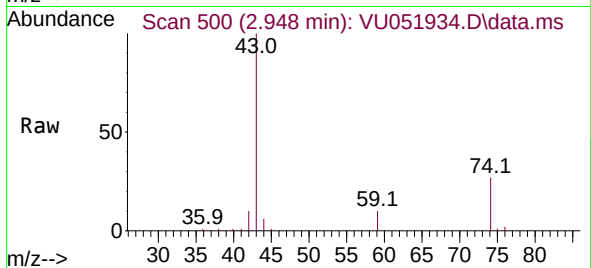




#15
Methyl Acetate
Concen: 4.701 ug/L
RT: 2.948 min Scan# 505
Delta R.T. -0.016 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

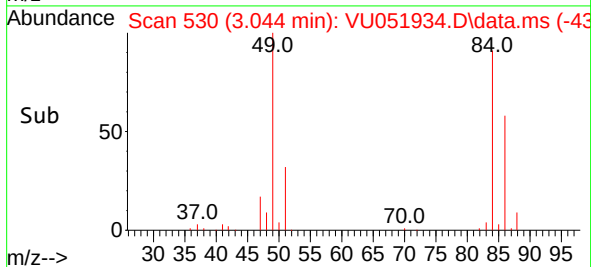
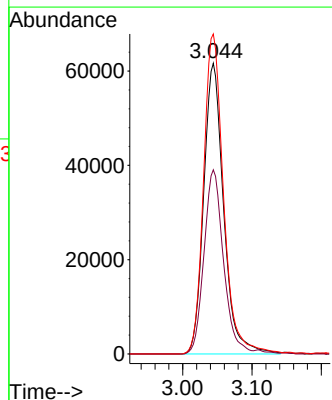
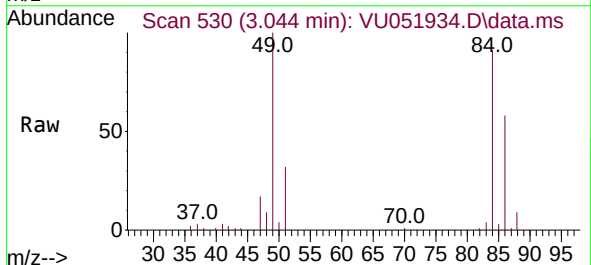
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

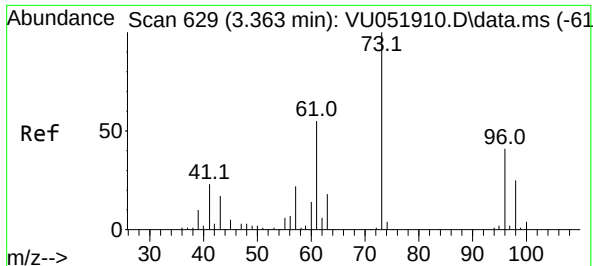
Tgt Ion: 43 Resp: 36691
Ion Ratio Lower Upper
43 100
74 27.0 21.3 31.9



#16
Methylene chloride
Concen: 4.995 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 84 Resp: 123221
Ion Ratio Lower Upper
84 100
86 63.4 43.8 81.4
49 110.1 75.9 141.1





#17

Methyl tert-butyl Ether

Concen: 4.930 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

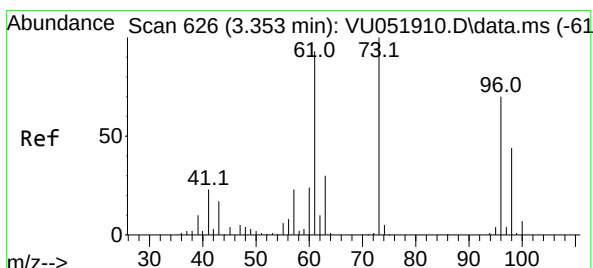
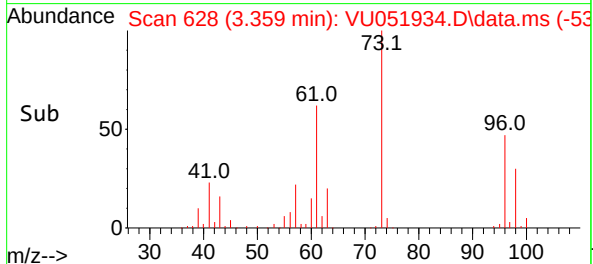
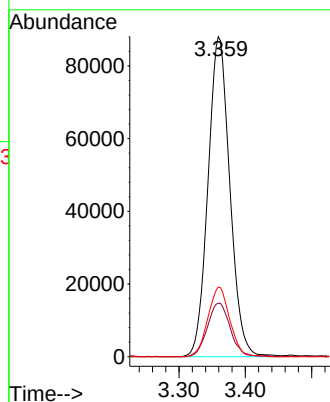
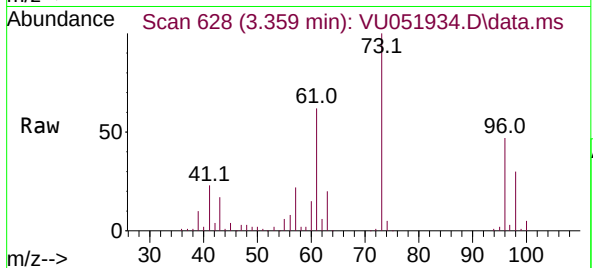
Tgt Ion: 73 Resp: 201255

Ion Ratio Lower Upper

73 100

43 17.4 13.2 19.8

57 21.8 17.8 26.8



#18

trans-1,2-Dichloroethene

Concen: 4.973 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

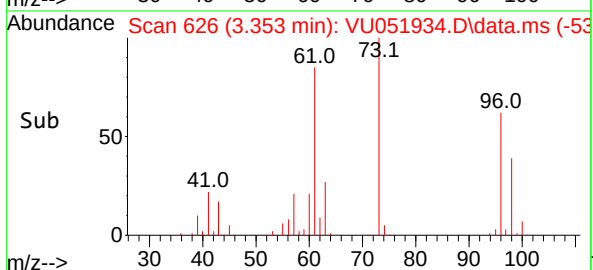
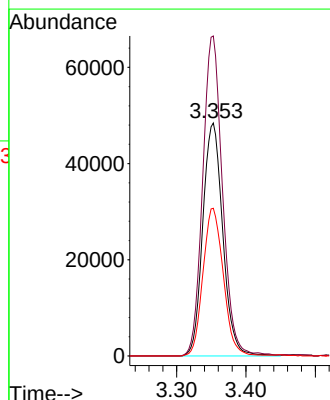
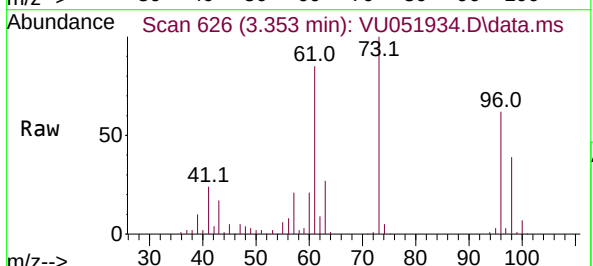
Tgt Ion: 96 Resp: 97204

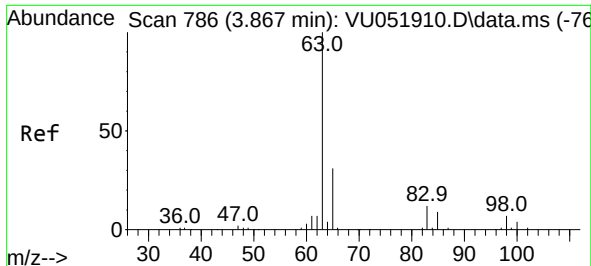
Ion Ratio Lower Upper

96 100

61 137.4 97.9 181.7

98 63.4 43.8 81.3

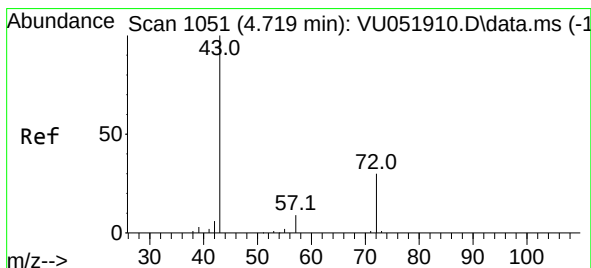
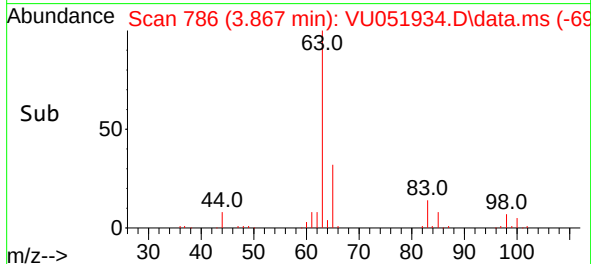
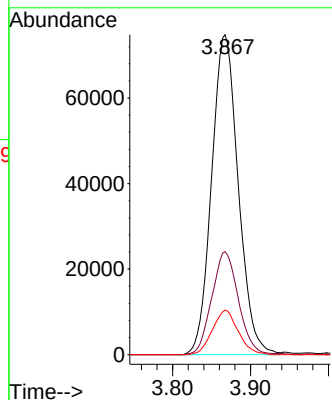
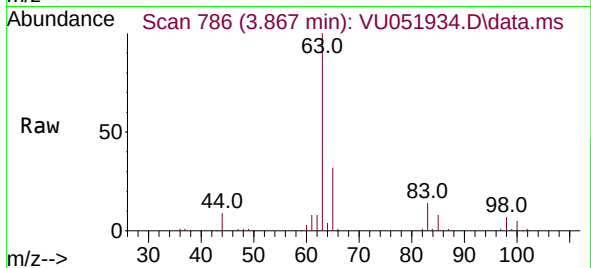




#19
1,1-Dichloroethane
Concen: 5.049 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

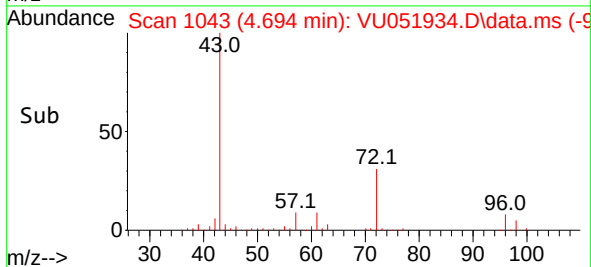
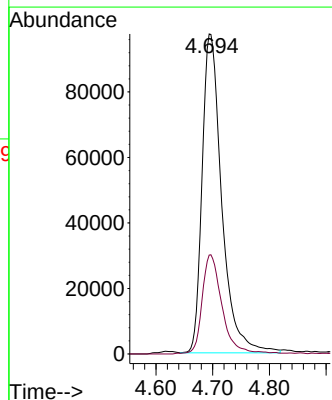
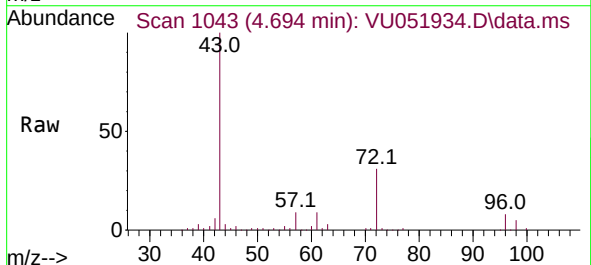
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

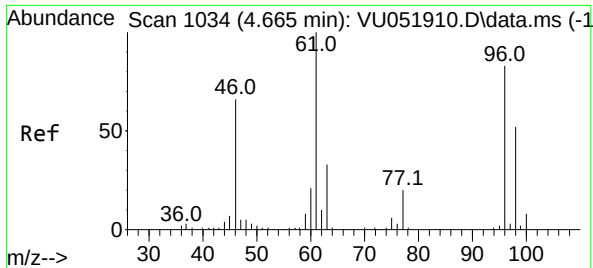
Tgt Ion: 63 Resp: 177876
Ion Ratio Lower Upper
63 100
65 32.2 22.2 41.2
83 13.9 9.2 17.0



#21
2-Butanone
Concen: 48.550 ug/L
RT: 4.694 min Scan# 1043
Delta R.T. -0.026 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 43 Resp: 234173
Ion Ratio Lower Upper
43 100
72 31.1 15.6 46.8

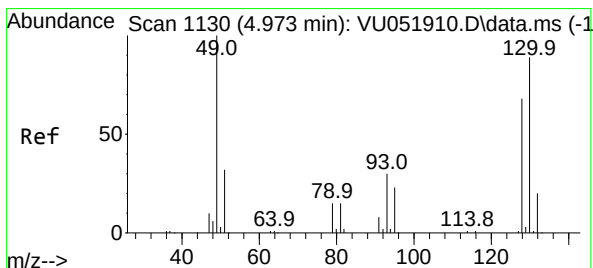
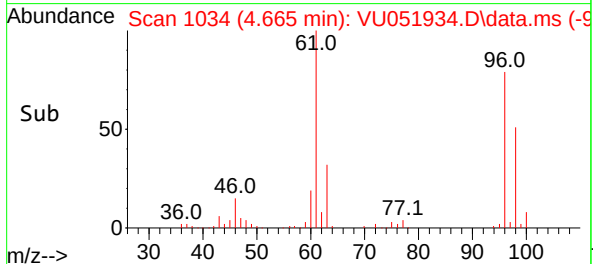
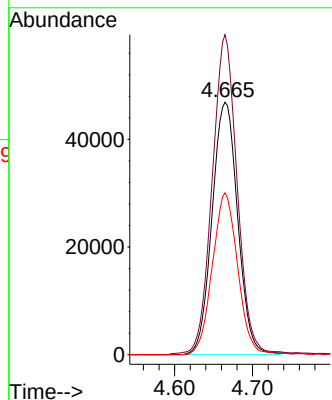
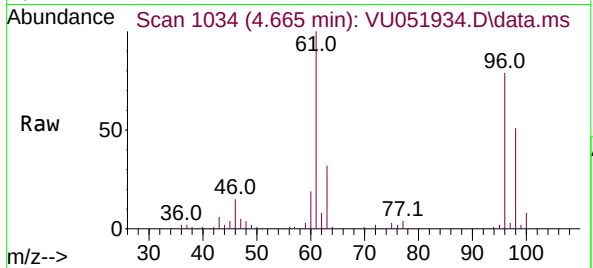




#22
 cis-1,2-Dichloroethene
 Concen: 5.229 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051934.D
 Acq: 19 Nov 2022 05:22

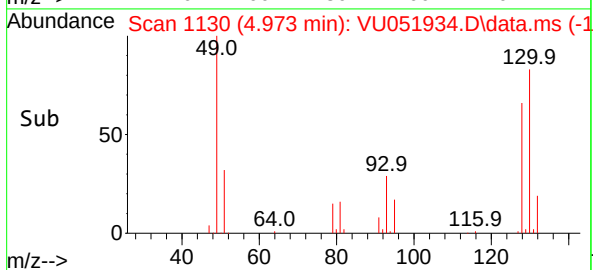
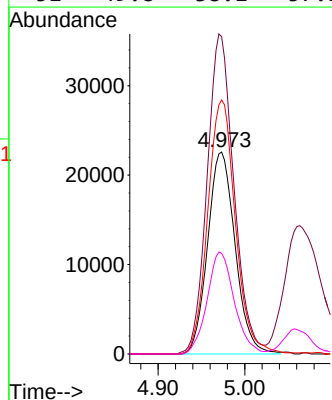
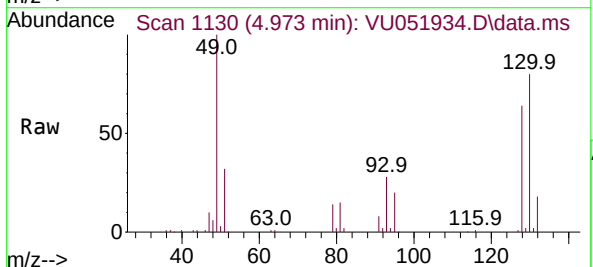
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

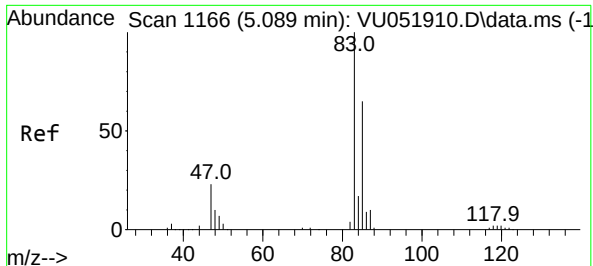
Tgt Ion: 96 Resp: 107271
 Ion Ratio Lower Upper
 96 100
 61 126.8 85.1 158.1
 98 64.1 42.8 79.6



#23
 Bromochloromethane
 Concen: 5.075 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051934.D
 Acq: 19 Nov 2022 05:22

Tgt Ion: 128 Resp: 49811
 Ion Ratio Lower Upper
 128 100
 49 157.1 104.0 193.2
 130 125.9 84.6 157.2
 51 49.8 38.1 57.1





#25

Chloroform

Concen: 5.183 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

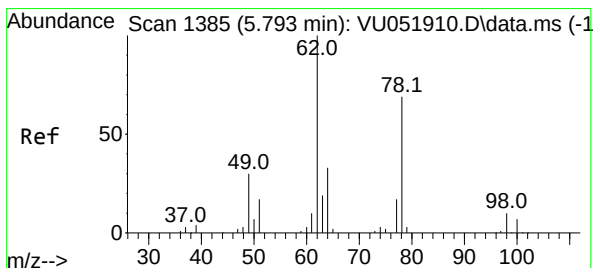
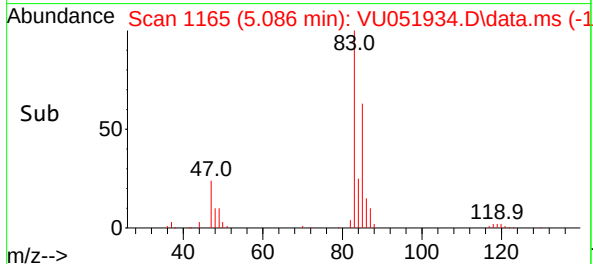
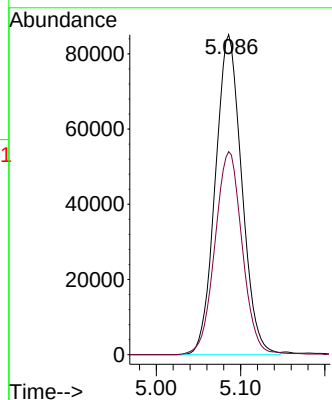
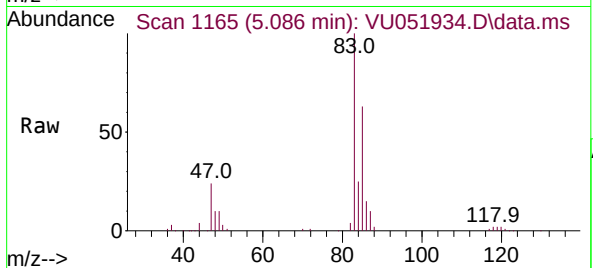
VSTD005084

Tgt Ion: 83 Resp: 185023

Ion Ratio Lower Upper

83 100

85 63.5 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.085 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051934.D

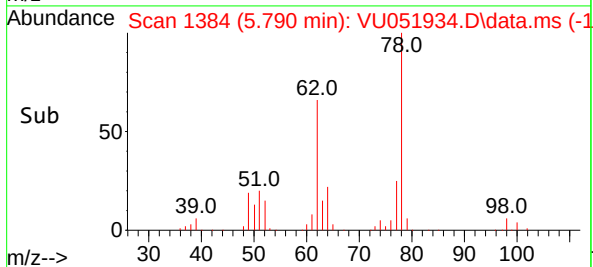
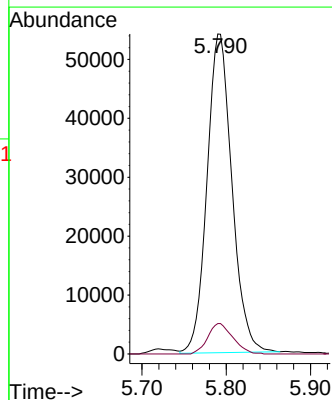
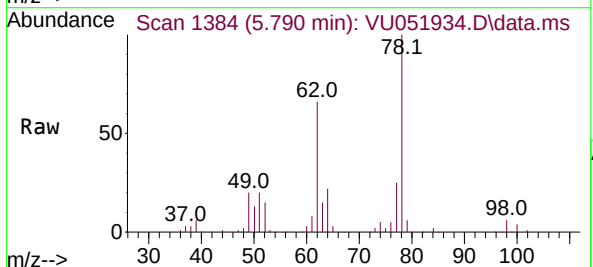
Acq: 19 Nov 2022 05:22

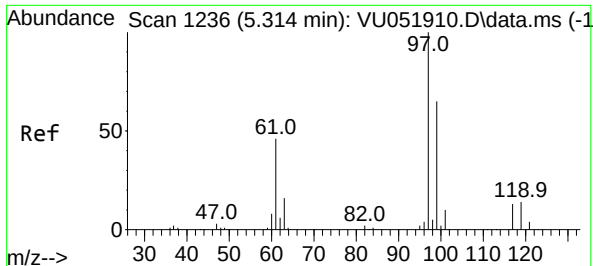
Tgt Ion: 62 Resp: 111180

Ion Ratio Lower Upper

62 100

98 9.5 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 4.918 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

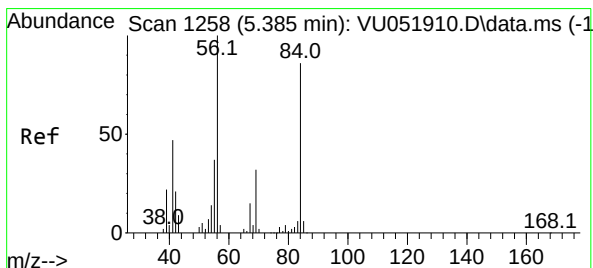
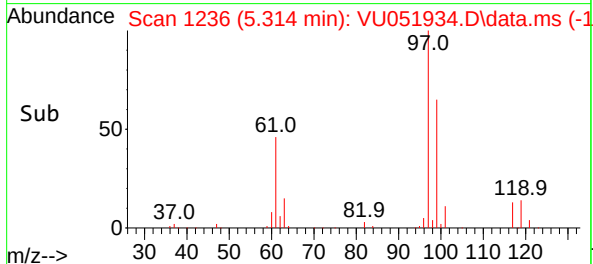
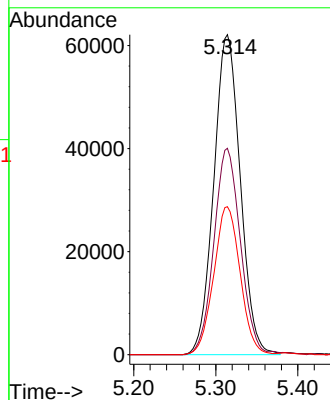
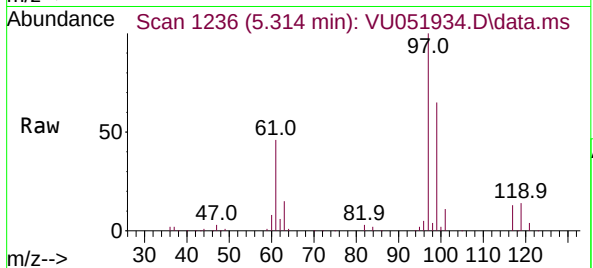
Tgt Ion: 97 Resp: 139494

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 46.2 36.9 55.3



#30

Cyclohexane

Concen: 4.723 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

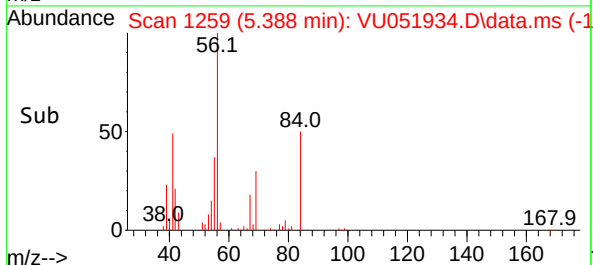
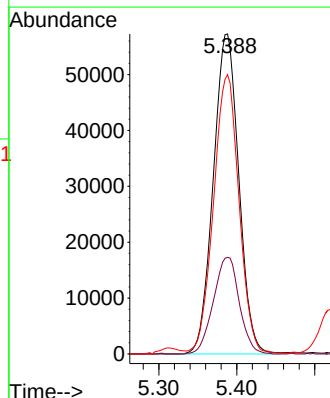
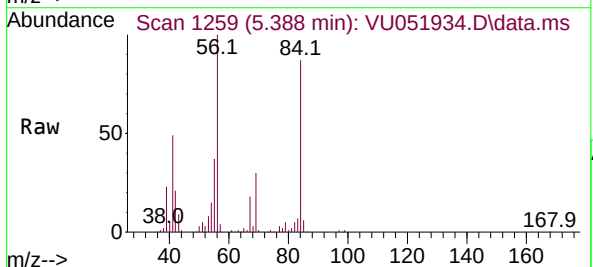
Tgt Ion: 56 Resp: 130081

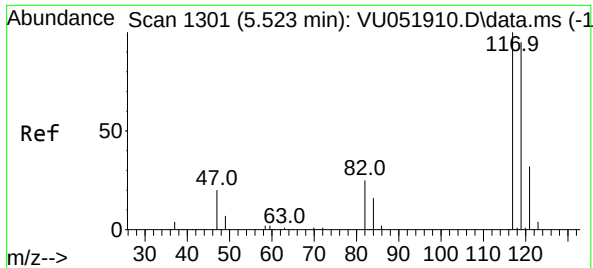
Ion Ratio Lower Upper

56 100

69 30.7 25.6 38.4

84 86.9 72.0 108.0

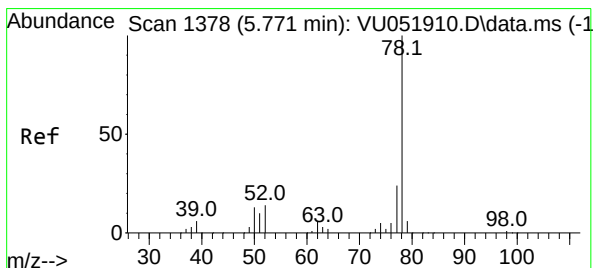
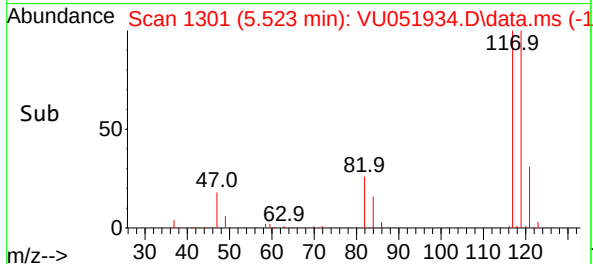
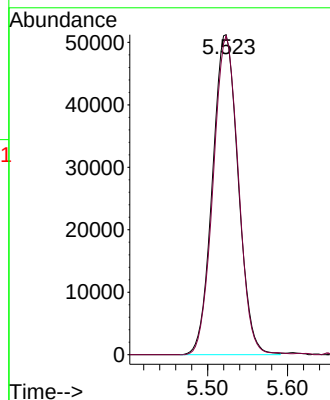
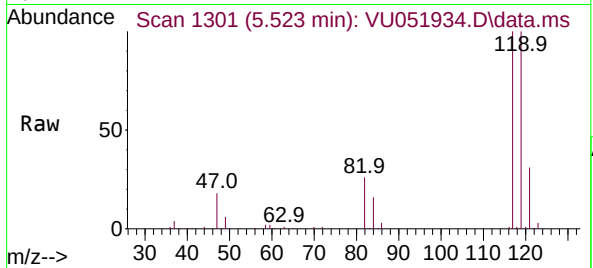




#31
Carbon tetrachloride
Concen: 4.745 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

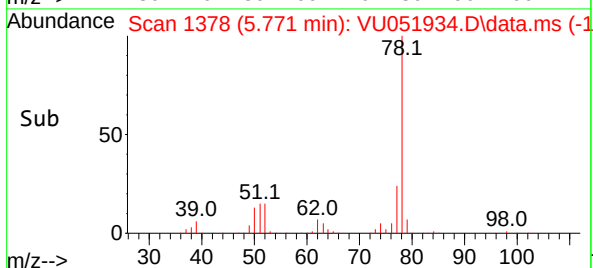
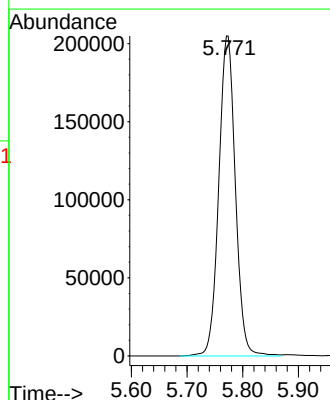
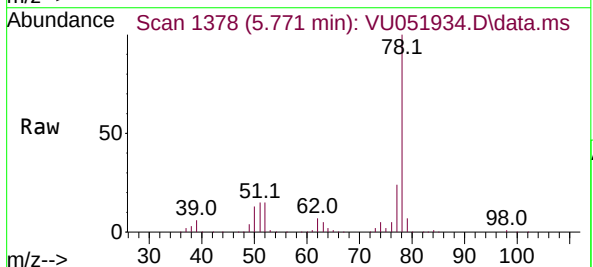
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

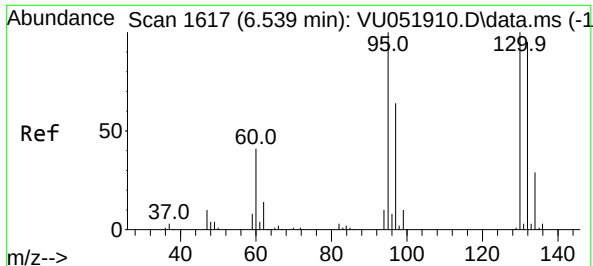
Tgt Ion:117 Resp: 114351
Ion Ratio Lower Upper
117 100
119 97.1 77.2 115.8



#33
Benzene
Concen: 5.102 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 78 Resp: 424530



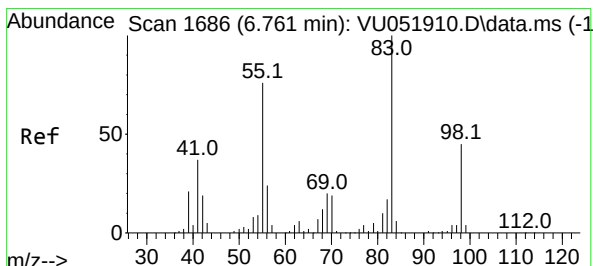
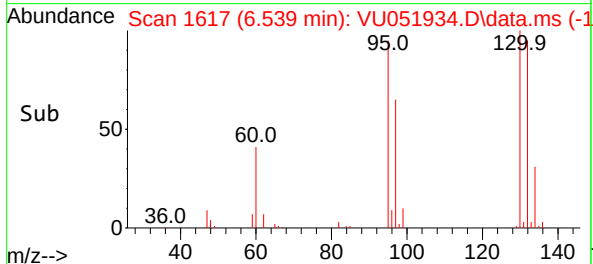
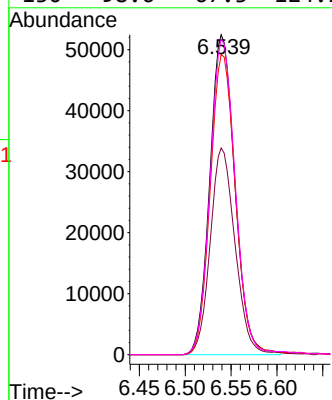
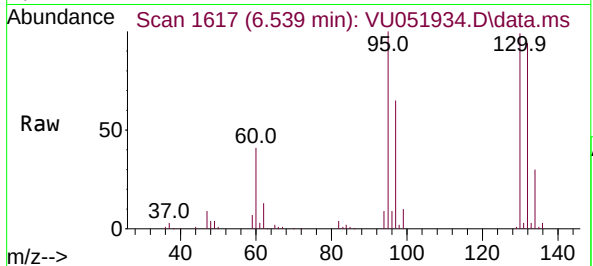


#34
Trichloroethene
Concen: 4.789 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

Tgt Ion: 95 Resp: 99383

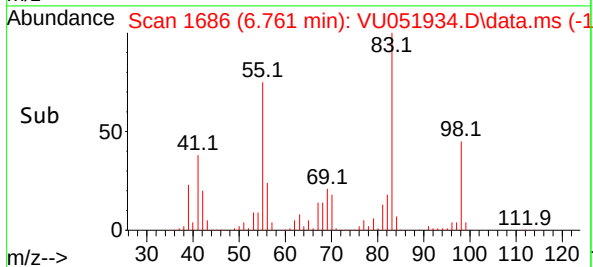
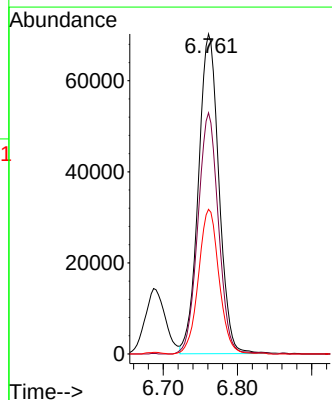
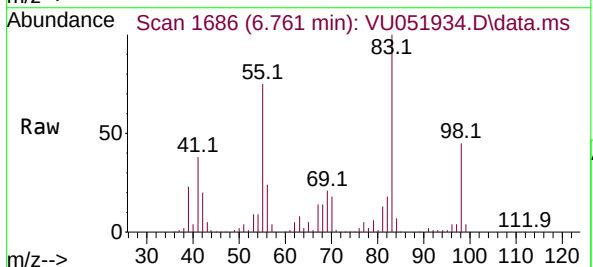
Ion	Ratio	Lower	Upper
95	100		
97	64.6	43.7	81.1
132	93.8	64.3	119.3
130	98.6	67.3	124.9

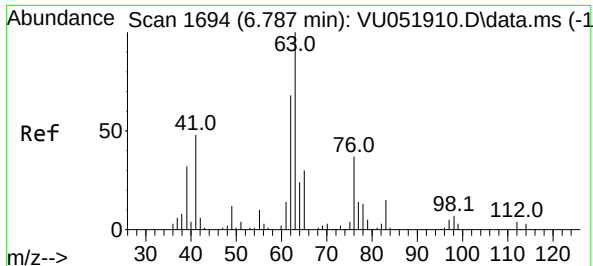


#35
Methylcyclohexane
Concen: 4.509 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 83 Resp: 134616

Ion	Ratio	Lower	Upper
83	100		
55	75.7	60.8	91.2
98	45.4	35.1	52.7

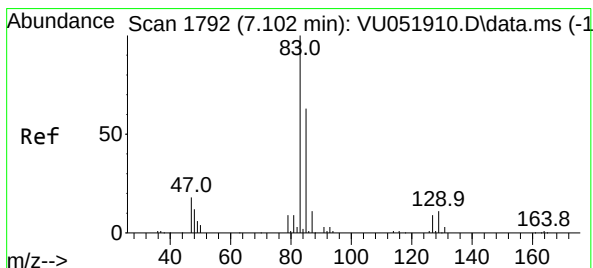
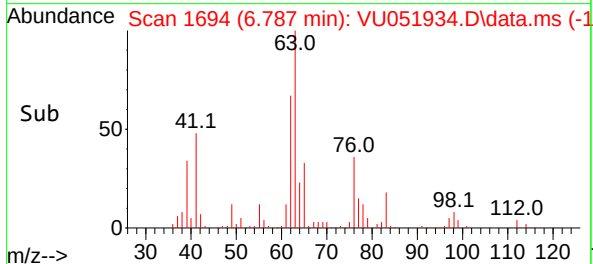
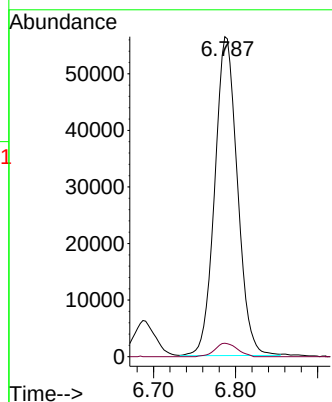
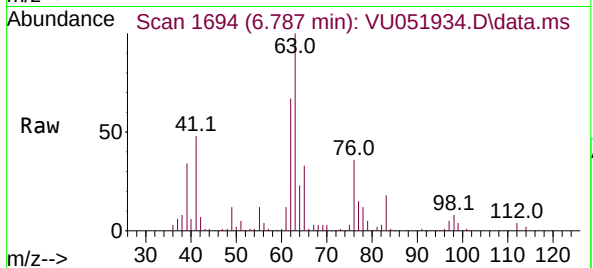




#37
1,2-Dichloropropane
Concen: 5.032 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

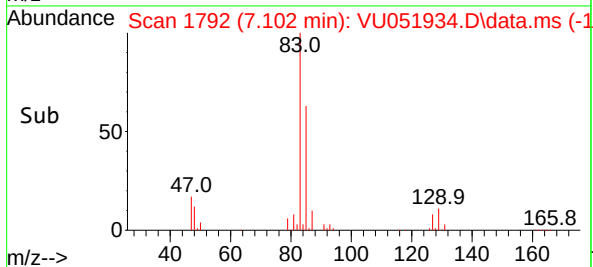
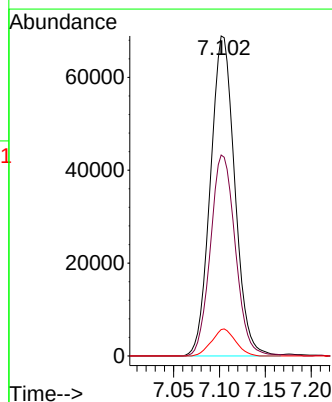
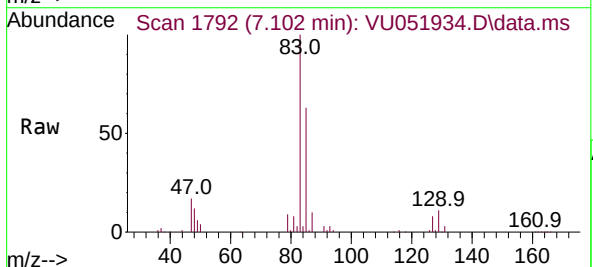
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

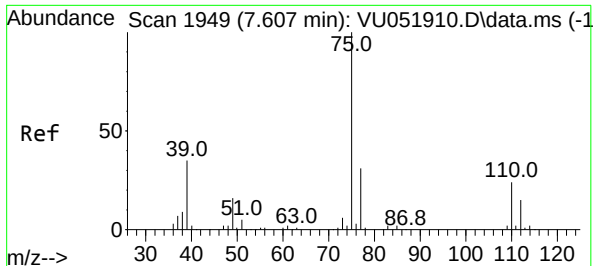
Tgt Ion: 63 Resp: 108393
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 4.850 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 83 Resp: 127371
Ion Ratio Lower Upper
83 100
85 62.8 43.5 80.9
127 8.3 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.837 ug/L

RT: 7.603 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

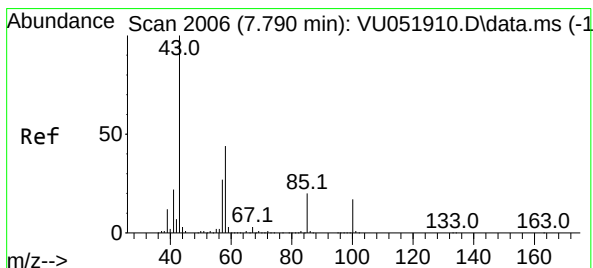
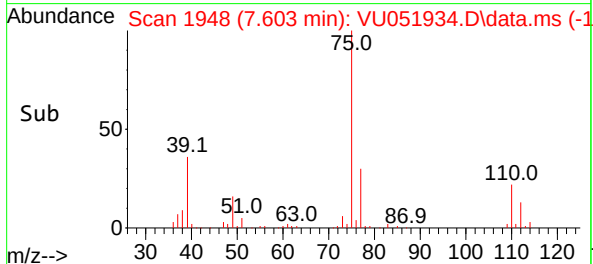
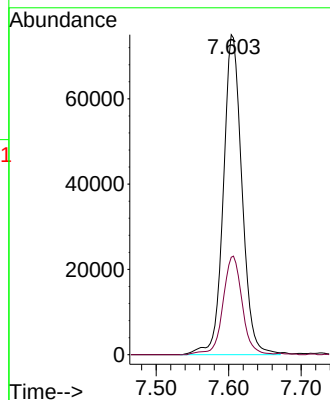
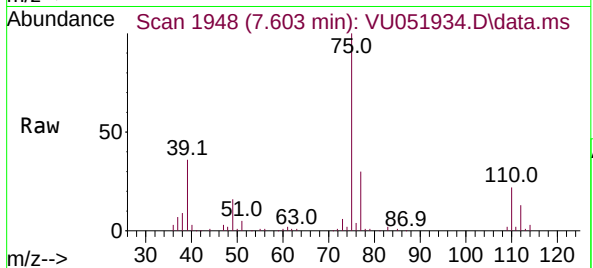
VSTD005084

Tgt Ion: 75 Resp: 133793

Ion Ratio Lower Upper

75 100

77 30.5 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 51.381 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

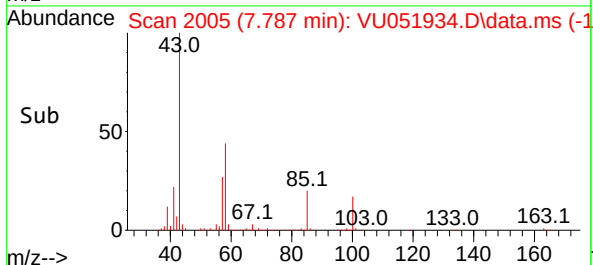
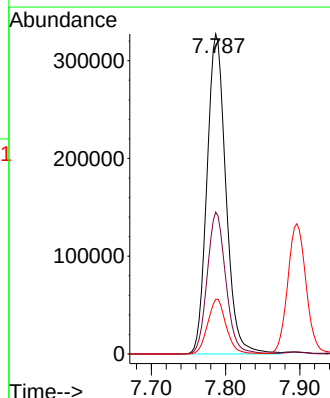
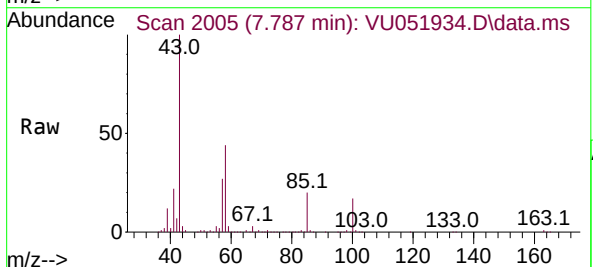
Tgt Ion: 43 Resp: 578175

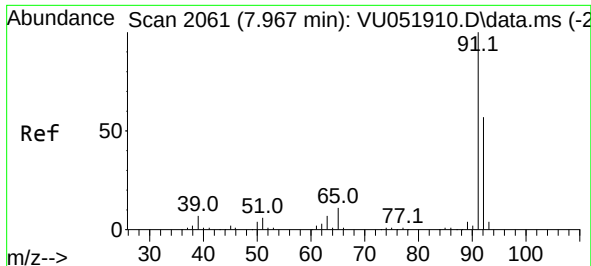
Ion Ratio Lower Upper

43 100

58 43.8 35.3 52.9

100 16.8 13.6 20.4





#42

Toluene

Concen: 5.271 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

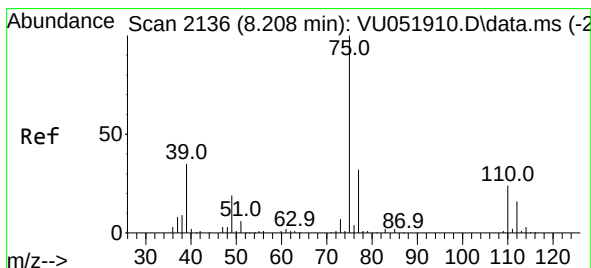
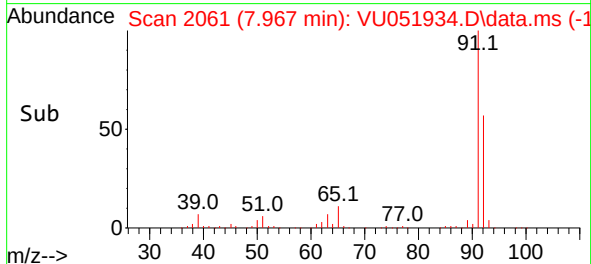
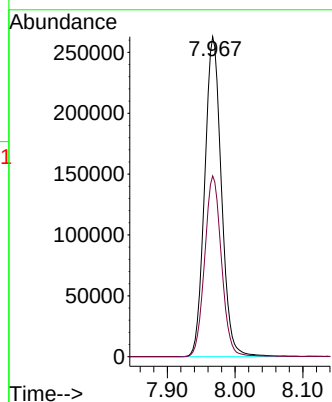
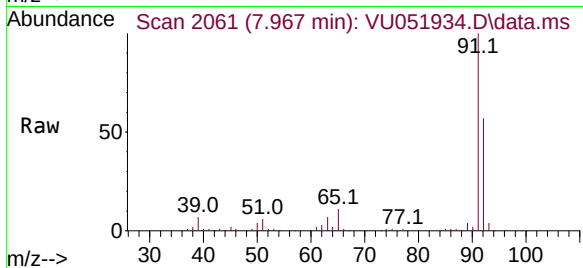
VSTD005084

Tgt Ion: 91 Resp: 451106

Ion Ratio Lower Upper

91 100

92 56.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.775 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051934.D

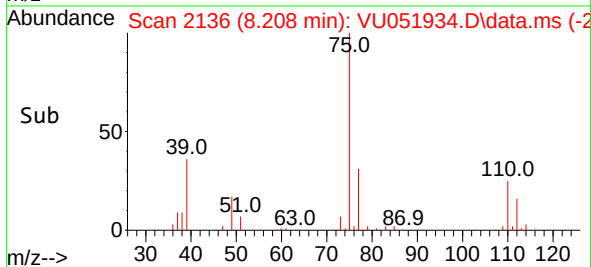
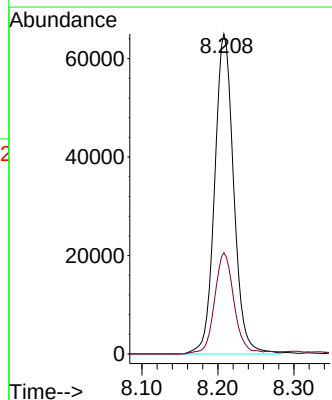
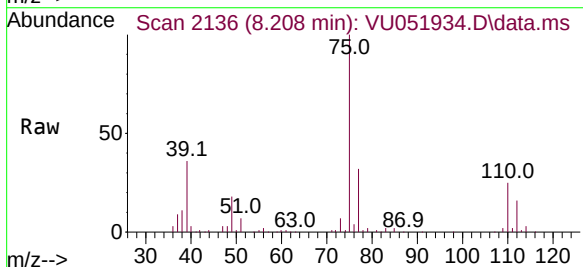
Acq: 19 Nov 2022 05:22

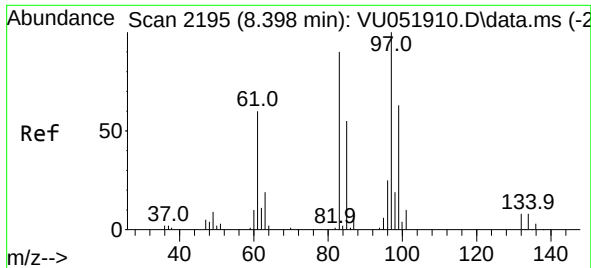
Tgt Ion: 75 Resp: 113095

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0

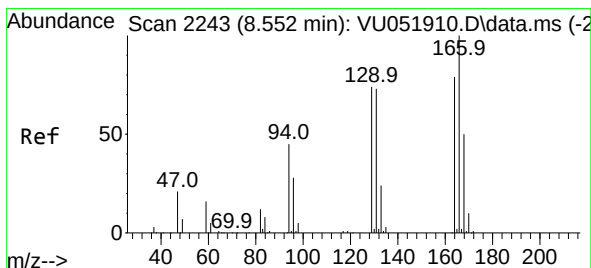
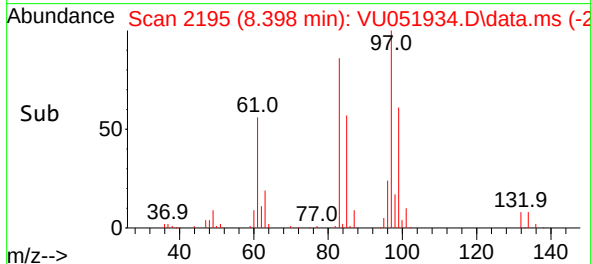
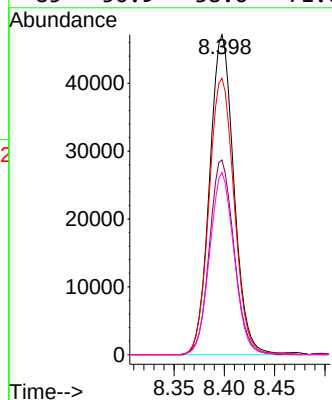
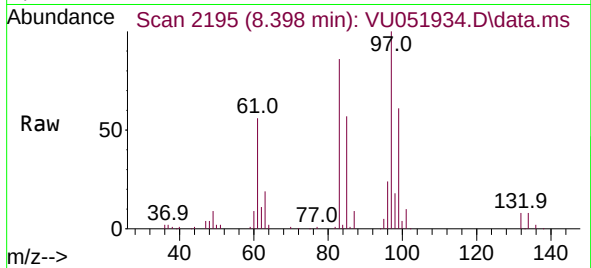




#45
1,1,2-Trichloroethane
Concen: 4.899 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

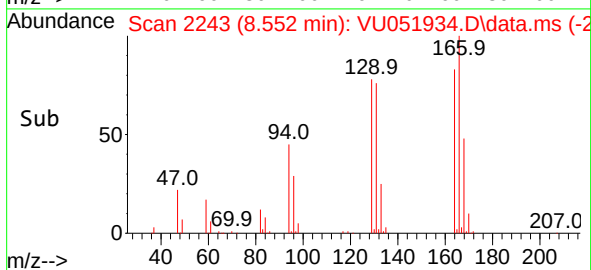
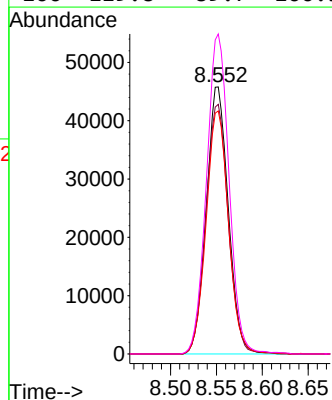
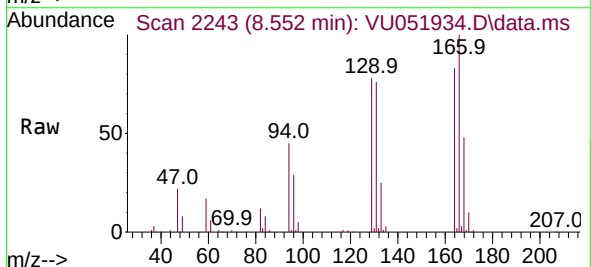
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

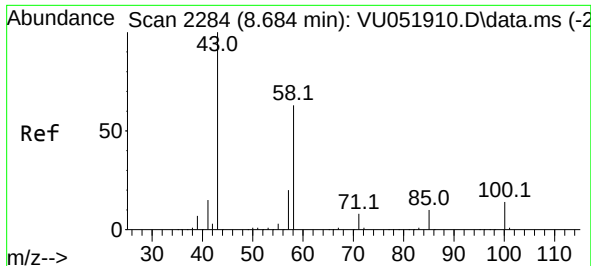
Tgt Ion:	97	Resp:	79305
Ion	Ratio	Lower	Upper
97	100		
99	60.9	42.6	79.2
83	86.4	60.7	112.7
85	56.9	38.6	71.6



#47
Tetrachloroethene
Concen: 4.815 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion:	164	Resp:	76573
Ion	Ratio	Lower	Upper
164	100		
129	93.5	67.4	125.2
131	91.0	67.1	124.7
166	119.8	89.7	166.5



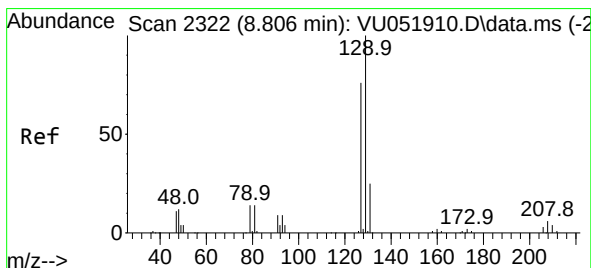
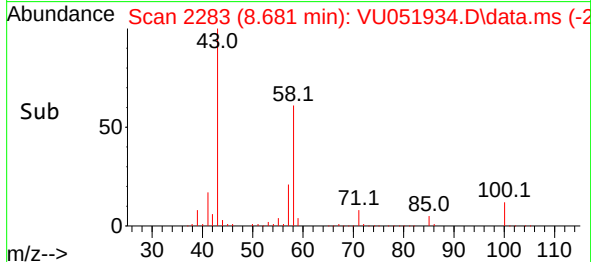
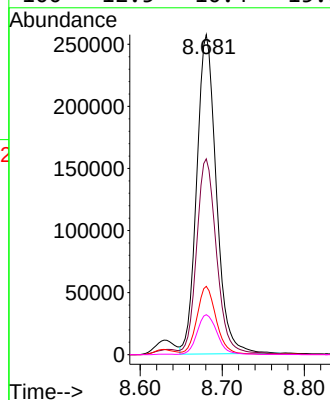
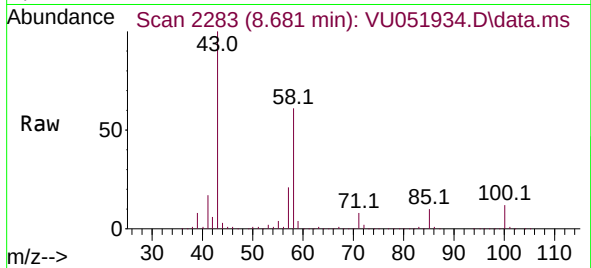


#48
2-Hexanone
Concen: 51.783 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

Tgt Ion: 43 Resp: 427182

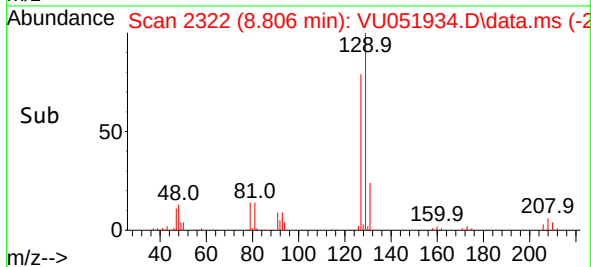
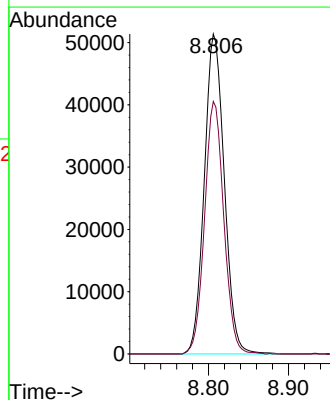
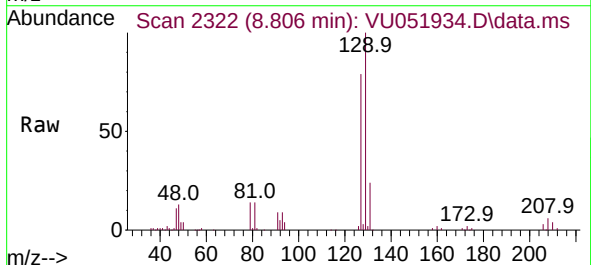
Ion	Ratio	Lower	Upper
43	100		
58	62.9	49.4	74.0
57	21.1	16.3	24.5
100	12.5	10.4	15.6

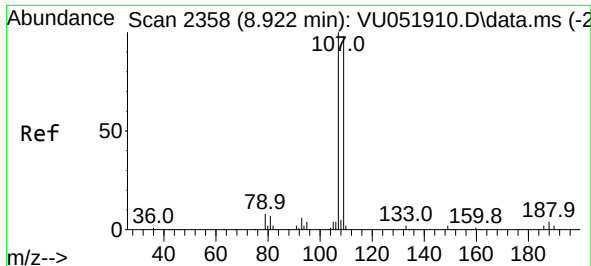


#49
Dibromochloromethane
Concen: 4.927 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 129 Resp: 89336

Ion	Ratio	Lower	Upper
129	100		
127	78.9	52.8	98.2





#50

1,2-Dibromoethane

Concen: 4.955 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

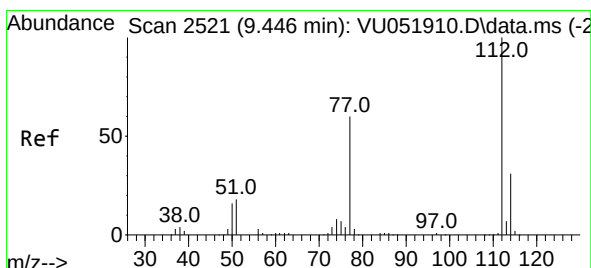
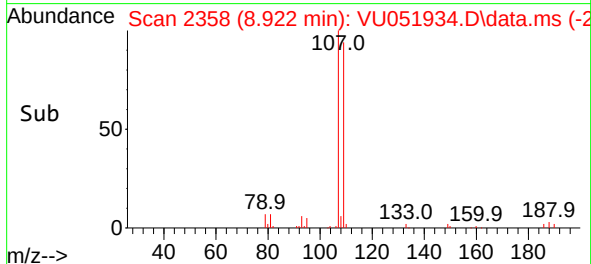
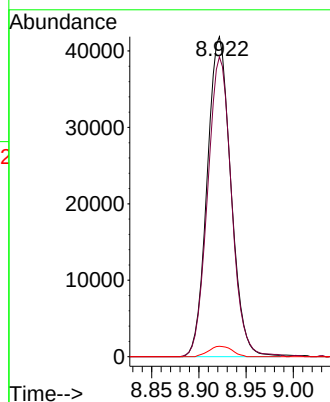
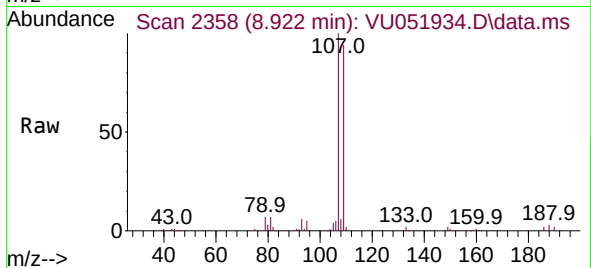
Tgt Ion:107 Resp: 73064

Ion Ratio Lower Upper

107 100

109 93.7 64.9 120.5

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 5.033 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.003 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

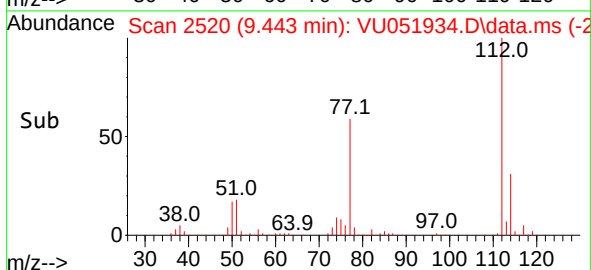
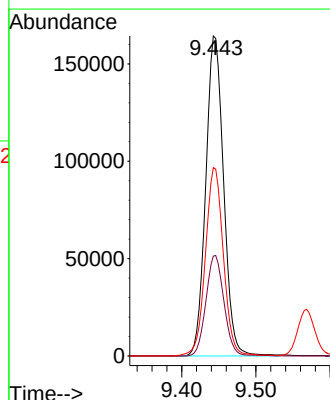
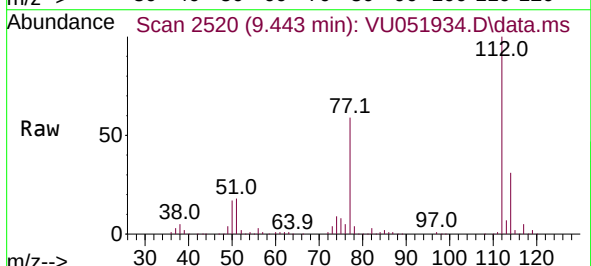
Tgt Ion:112 Resp: 274639

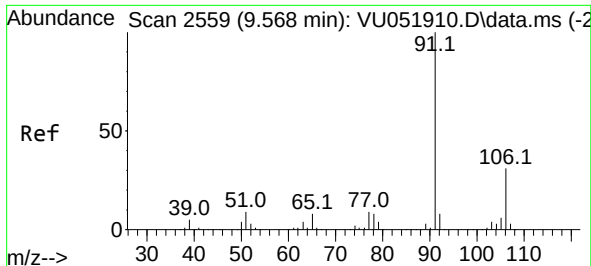
Ion Ratio Lower Upper

112 100

114 31.2 22.2 41.2

77 58.8 46.6 70.0

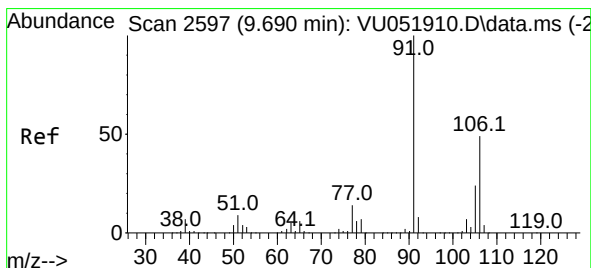
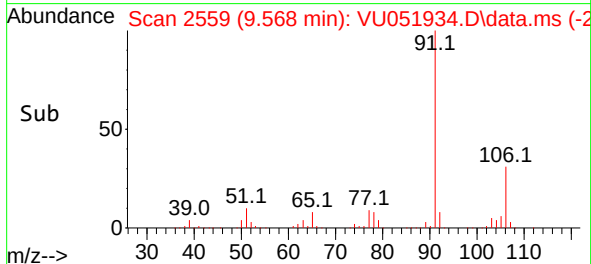
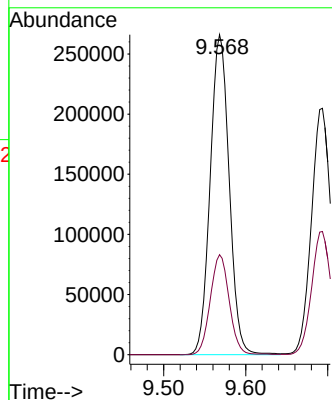
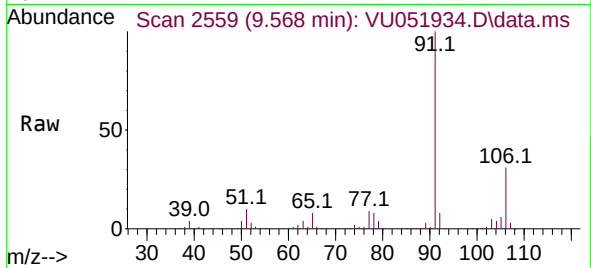




#52
Ethylbenzene
Concen: 5.144 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

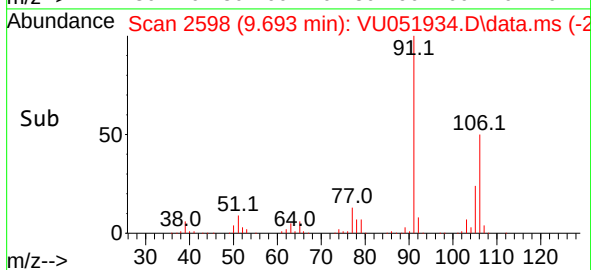
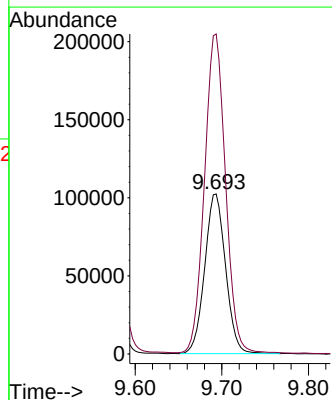
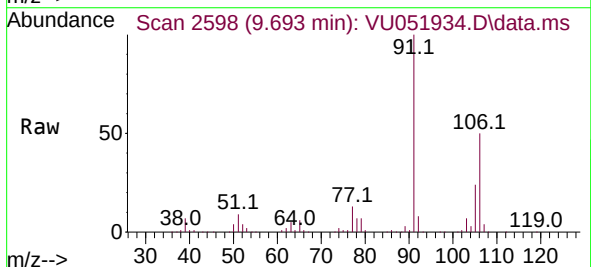
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

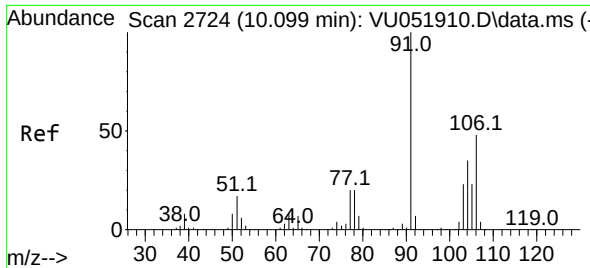
Tgt Ion: 91 Resp: 427987
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.3



#53
m,p-Xylene
Concen: 5.310 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 106 Resp: 171076
Ion Ratio Lower Upper
106 100
91 200.0 137.7 255.7

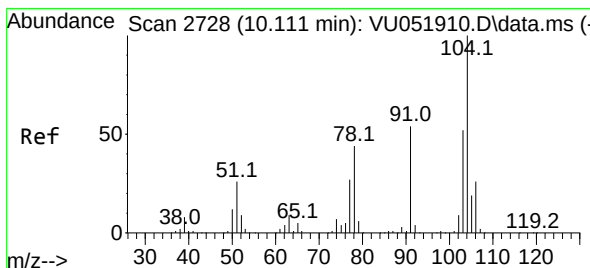
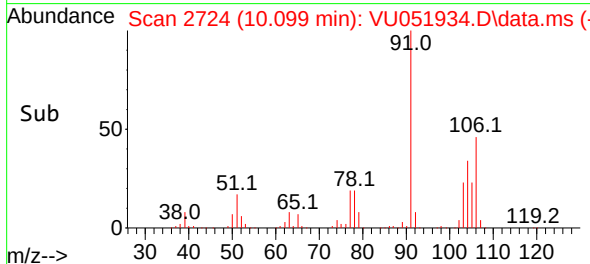
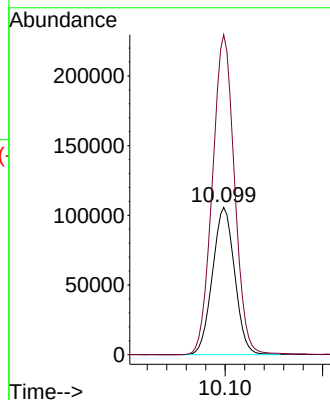
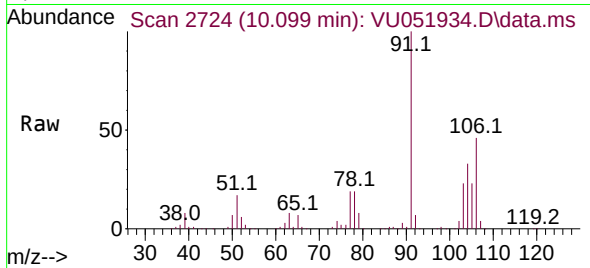




#54
o-Xylene
Concen: 5.424 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

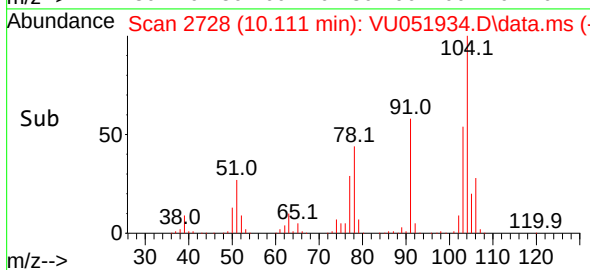
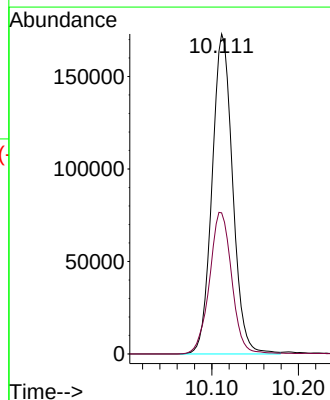
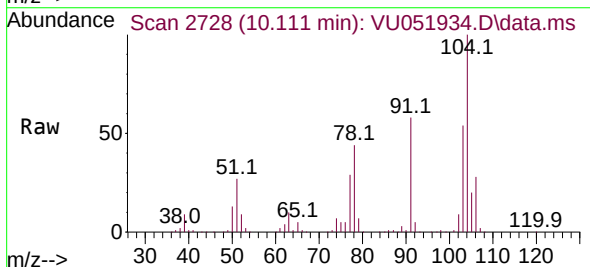
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

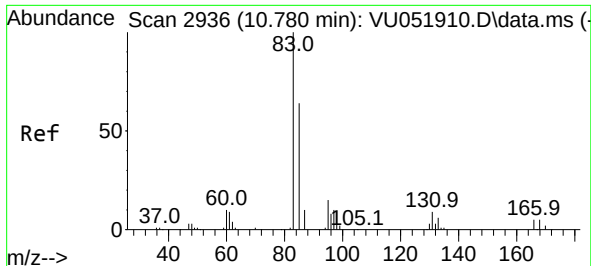
Tgt Ion:106 Resp: 167501
Ion Ratio Lower Upper
106 100
91 217.0 151.5 281.5



#55
Styrene
Concen: 5.488 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion:104 Resp: 286211
Ion Ratio Lower Upper
104 100
78 44.1 30.6 56.8

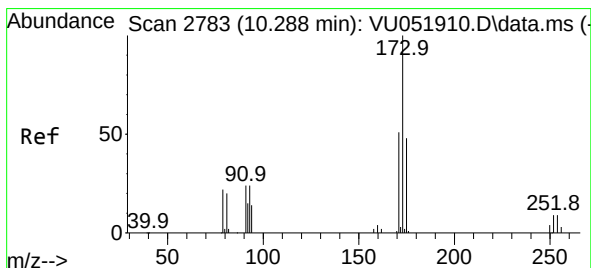
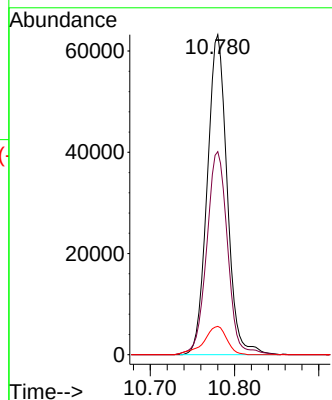
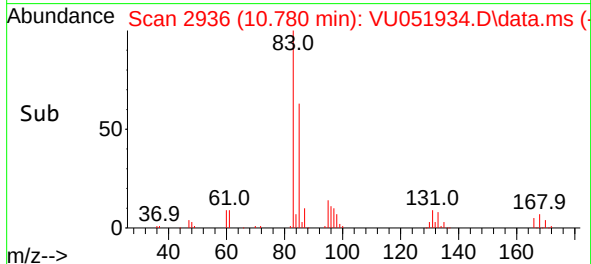
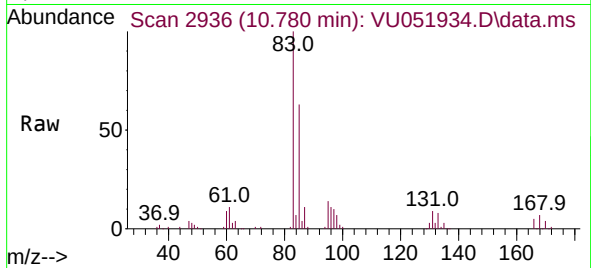




#57
1,1,2,2-Tetrachloroethane
Concen: 5.124 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

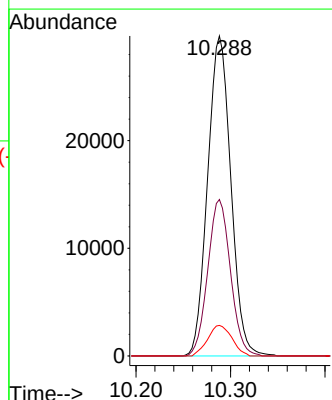
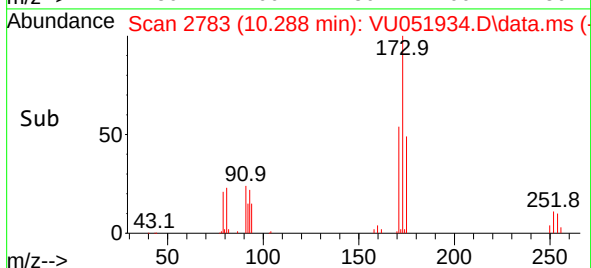
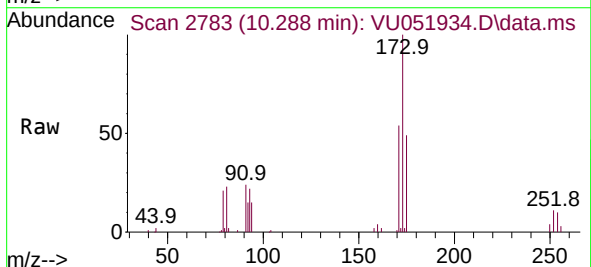
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

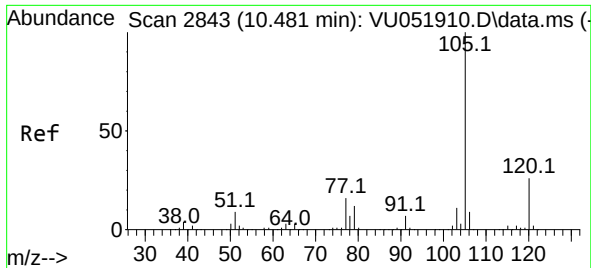
Tgt Ion: 83 Resp: 103606
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9
131 8.9 7.6 11.4



#59
Bromoform
Concen: 4.847 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 173 Resp: 50701
Ion Ratio Lower Upper
173 100
175 47.8 37.2 55.8
254 10.0 7.0 10.6

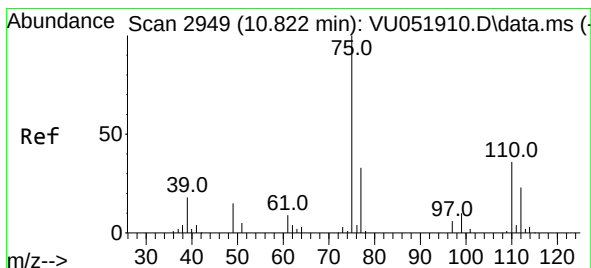
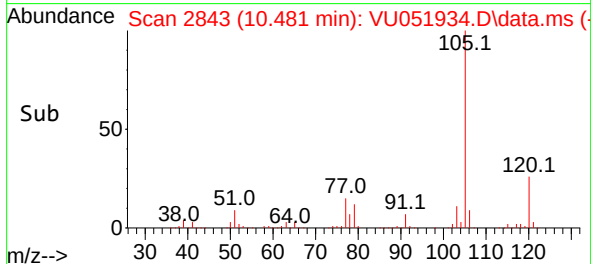
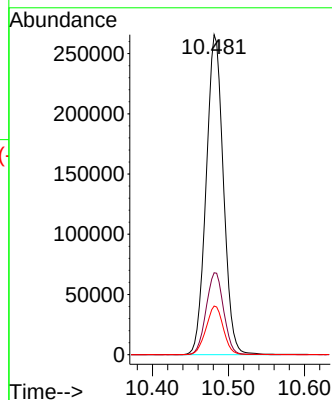
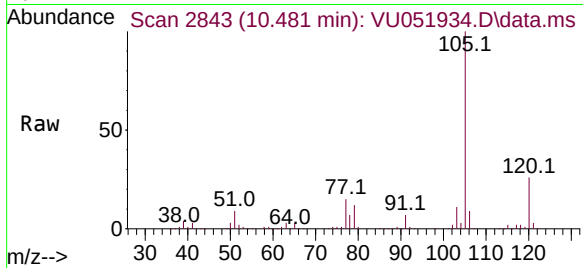




#60
Isopropylbenzene
Concen: 5.238 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

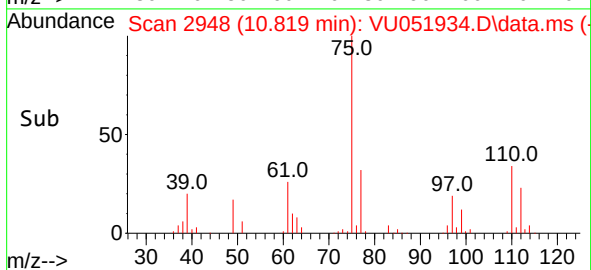
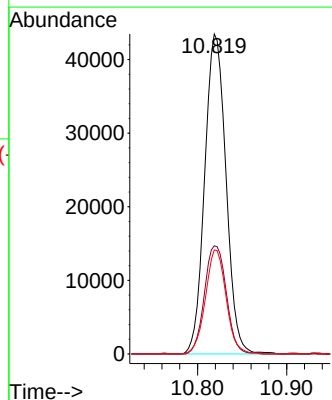
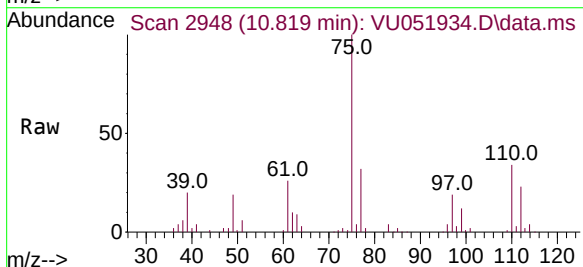
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

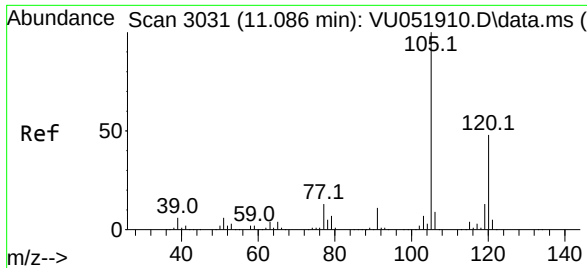
Tgt Ion:105 Resp: 417846
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 15.4 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.962 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion: 75 Resp: 72124
Ion Ratio Lower Upper
75 100
110 34.5 28.3 42.5
77 31.7 26.2 39.2

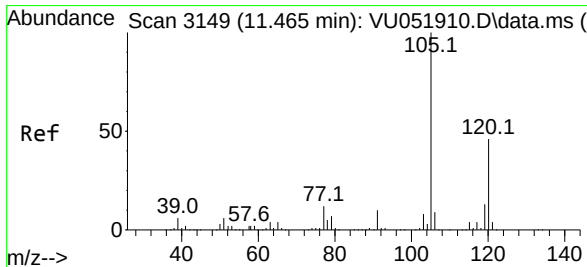
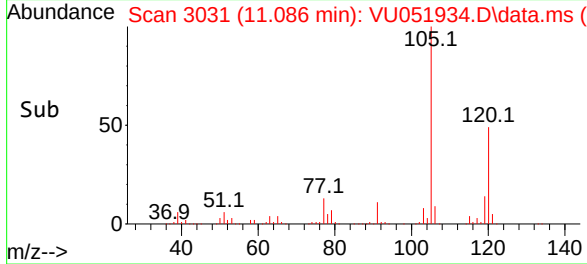
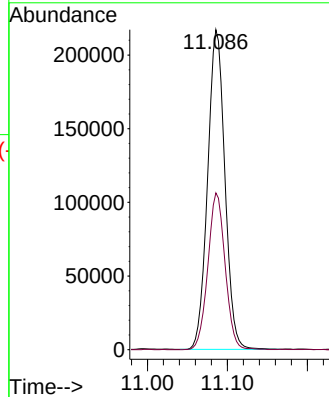
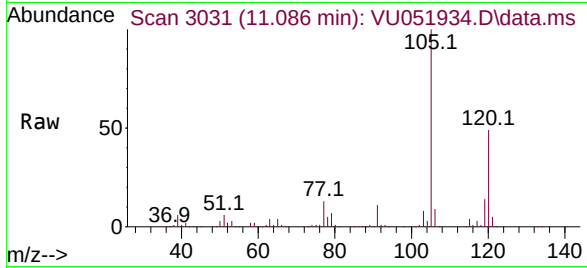




#62
1,3,5-Trimethylbenzene
Concen: 5.111 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

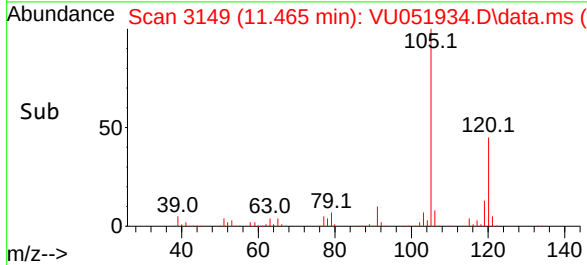
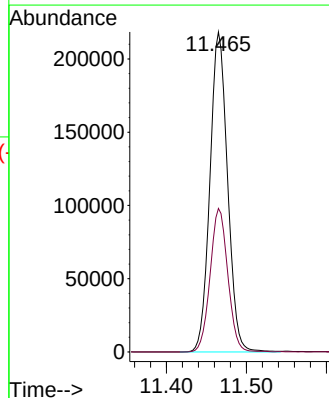
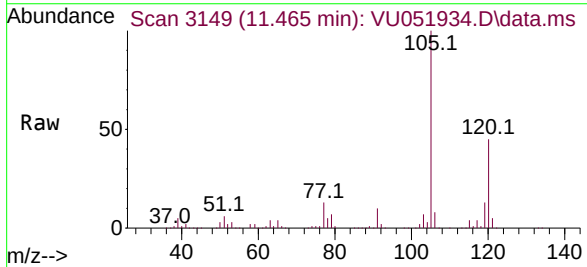
Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

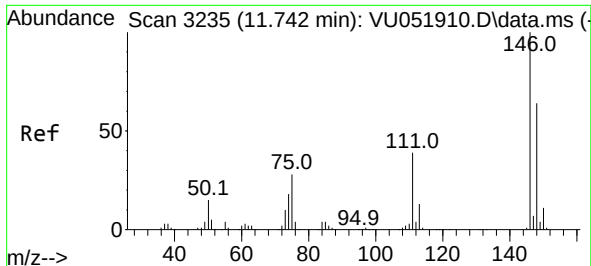
Tgt Ion:105 Resp: 325948
Ion Ratio Lower Upper
105 100
120 49.1 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 5.290 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion:105 Resp: 334829
Ion Ratio Lower Upper
105 100
120 45.0 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 5.149 ug/L

RT: 11.742 min Scan# 3235

Delta R.T. -0.000 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

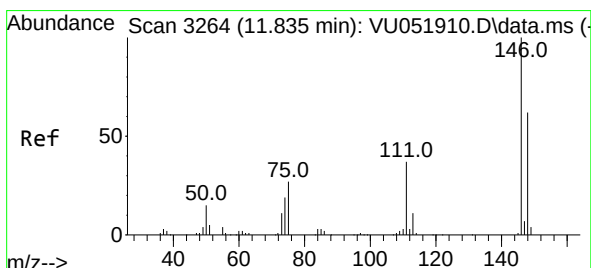
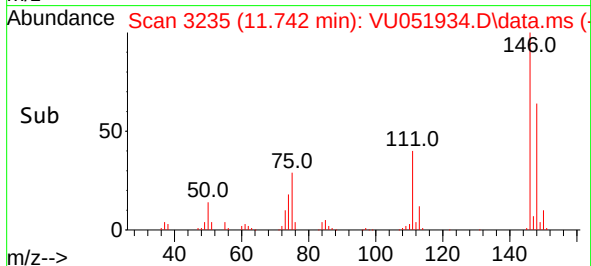
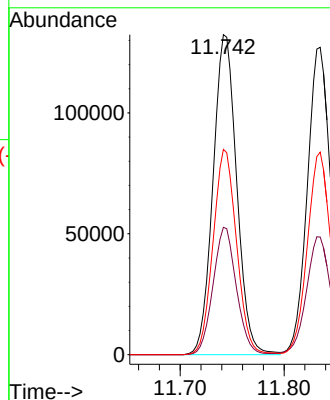
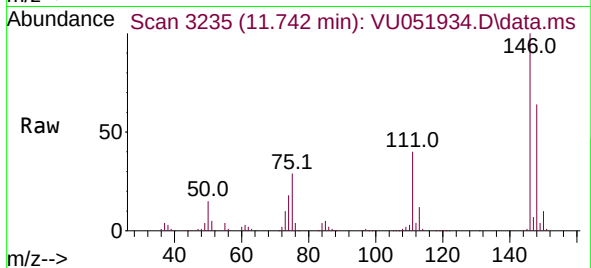
Tgt Ion:146 Resp: 209735

Ion Ratio Lower Upper

146 100

111 39.8 28.6 53.2

148 64.2 45.4 84.2



#65

1,4-Dichlorobenzene

Concen: 4.976 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

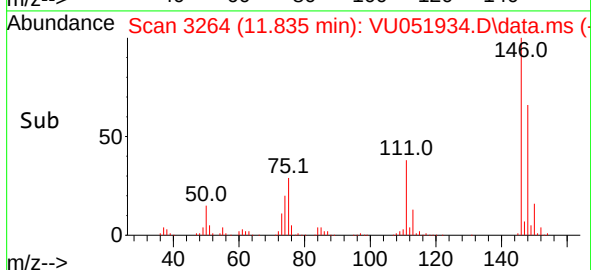
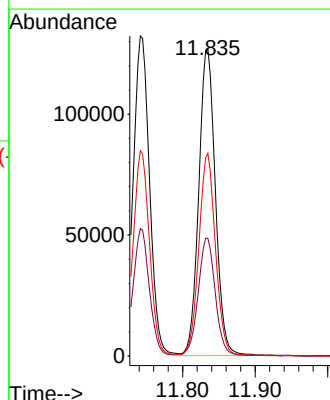
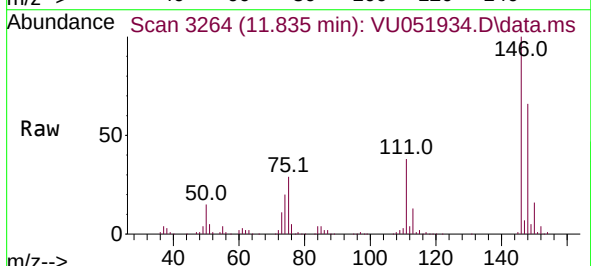
Tgt Ion:146 Resp: 202130

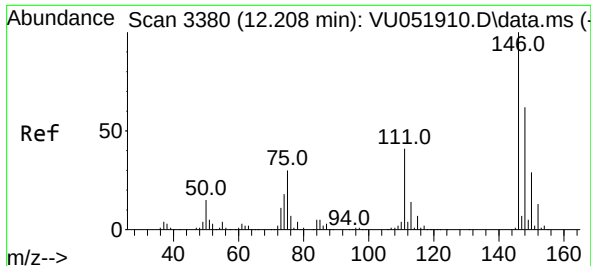
Ion Ratio Lower Upper

146 100

111 38.3 26.9 50.1

148 65.9 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.146 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005084

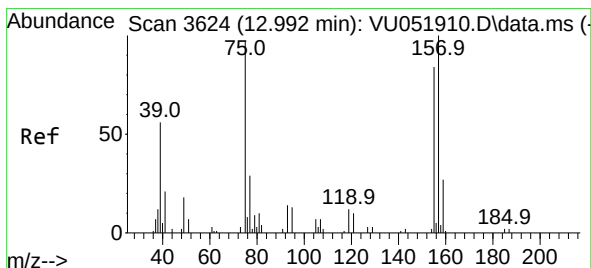
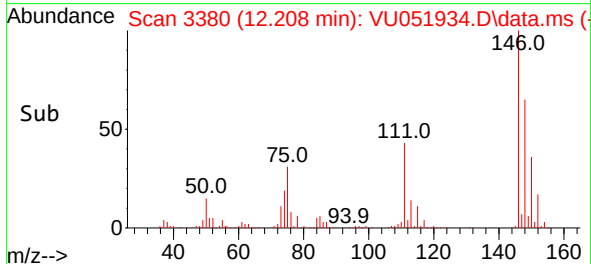
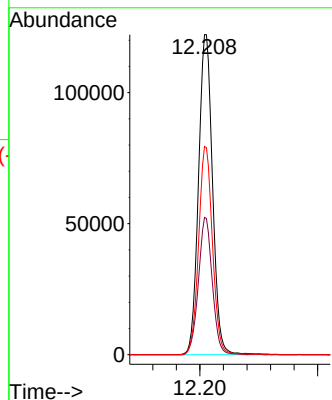
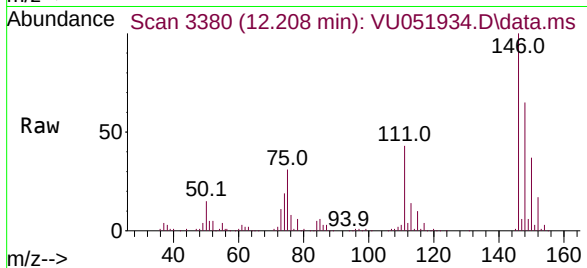
Tgt Ion:146 Resp: 201836

Ion Ratio Lower Upper

146 100

111 42.9 32.7 49.1

148 65.1 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.622 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051934.D

Acq: 19 Nov 2022 05:22

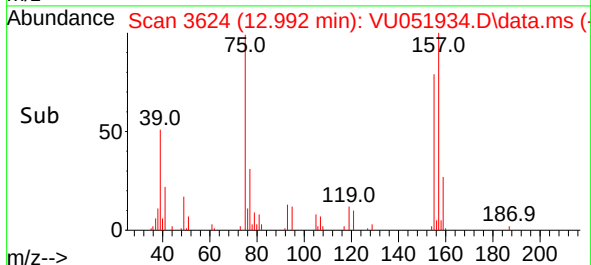
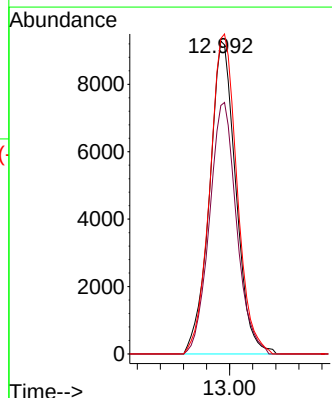
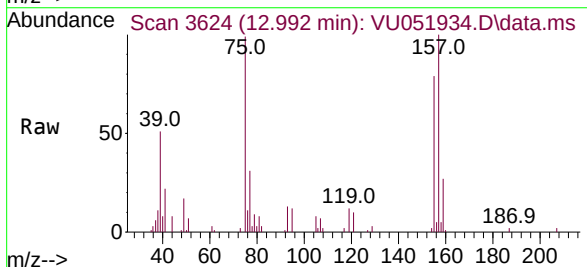
Tgt Ion: 75 Resp: 14702

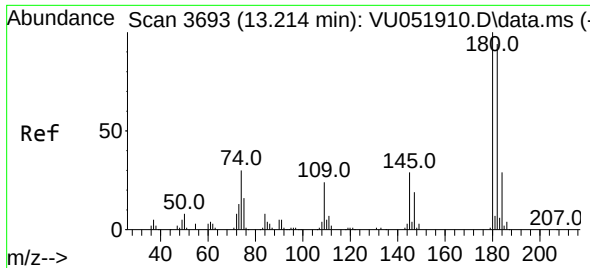
Ion Ratio Lower Upper

75 100

155 79.4 65.4 98.2

157 100.8 80.5 120.7

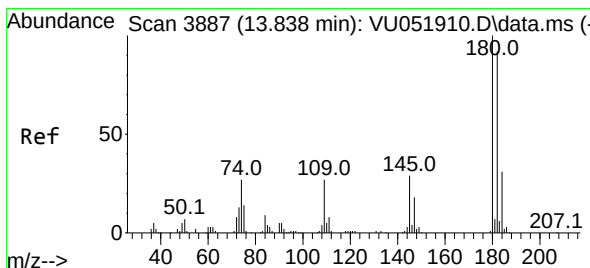
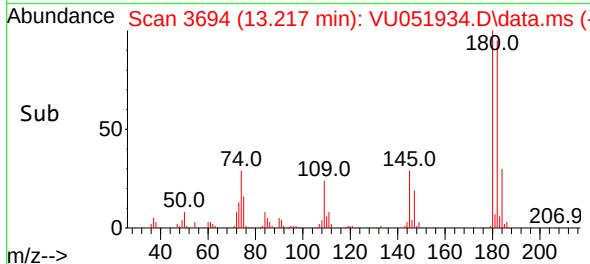
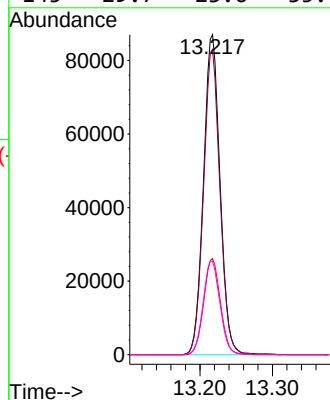
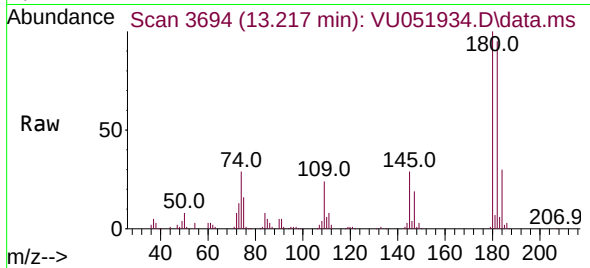




#69
 1,3,5-Trichlorobenzene
 Concen: 4.783 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.003 min
 Lab File: VU051934.D
 Acq: 19 Nov 2022 05:22

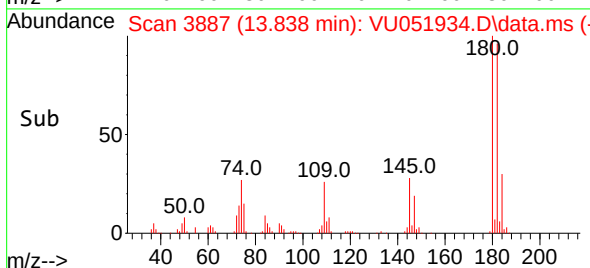
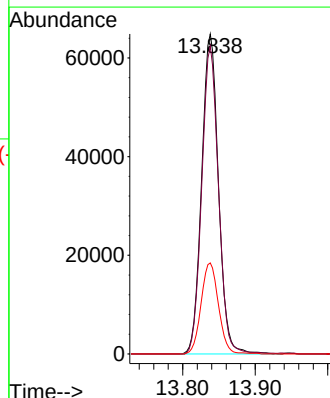
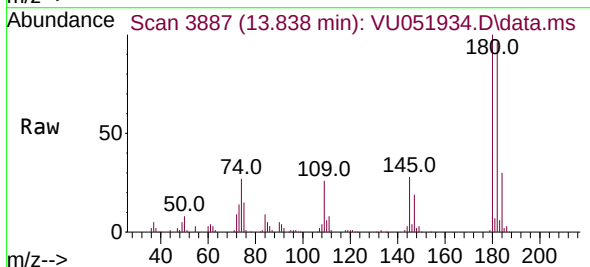
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005084

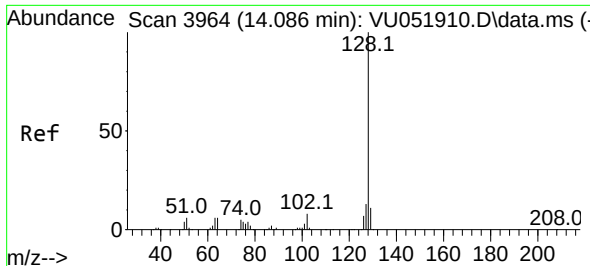
Tgt Ion:180 Resp: 138157
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.7 113.5
 184 30.1 24.3 36.5
 145 29.7 23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.761 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051934.D
 Acq: 19 Nov 2022 05:22

Tgt Ion:180 Resp: 104713
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 145 29.4 24.6 36.8

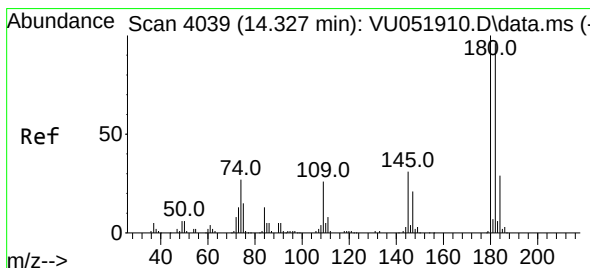
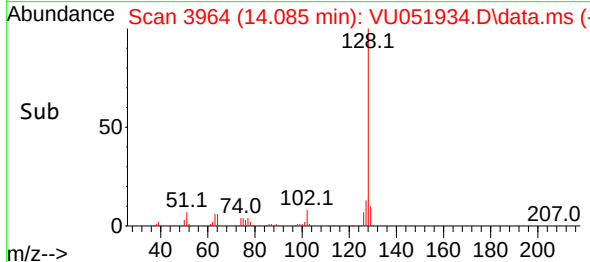
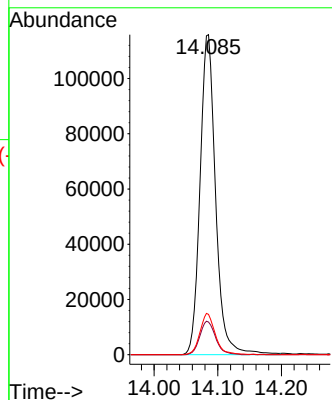
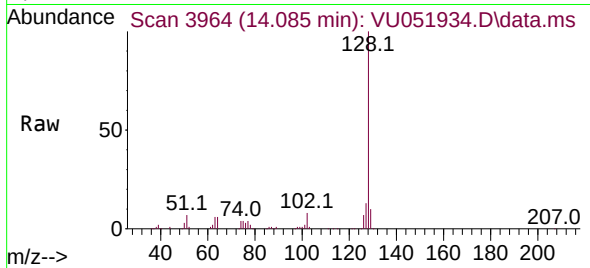




#71
Naphthalene
Concen: 4.776 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD005084

Tgt Ion:128 Resp: 197199
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.877 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051934.D
Acq: 19 Nov 2022 05:22

Tgt Ion:180 Resp: 105545
Ion Ratio Lower Upper
180 100
182 96.4 75.7 113.5
145 32.0 24.5 36.7

