

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051967.D
 Acq On : 20 Nov 2022 11:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050127

Quant Time: Nov 21 01:01:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	461081	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	468699	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	239273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	90413	39.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.880%
7) Chloroethane-d5	1.896	69	102211	45.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.140%
11) 1,1-Dichloroethene-d2	2.568	63	181429	44.696	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.400%
21) 2-Butanone-d5	4.616	46	253266	98.395	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.400%
24) Chloroform-d	5.060	84	279731	49.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.697	65	165815	47.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.480%
32) Benzene-d6	5.726	84	473314	48.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.860%
36) 1,2-Dichloropropane-d6	6.687	67	175398	48.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.440%
41) Toluene-d8	7.896	98	398497	49.679	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.360%
43) trans-1,3-Dichloroprop...	8.176	79	67580	46.642	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.280%
47) 2-Hexanone-d5	8.632	63	190778	103.194	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.190%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	360457	50.914	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.820%
66) 1,2-Dichlorobenzene-d4	12.192	152	199425	47.361	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	134213	47.412	ug/L	100
3) Chloromethane	1.523	50	183537	48.822	ug/L	100
5) Vinyl chloride	1.604	62	186930	47.939	ug/L	99
6) Bromomethane	1.832	94	93863	55.562	ug/L	99
8) Chloroethane	1.919	64	125468	49.491	ug/L	99
9) Trichlorofluoromethane	2.131	101	233213	49.955	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	148274	50.397	ug/L	100
12) 1,1-Dichloroethene	2.578	96	135399	49.276	ug/L	94
13) Acetone	2.620	43	171673	62.339	ug/L	100
14) Carbon disulfide	2.790	76	355251	46.666	ug/L	99
15) Methyl Acetate	2.944	43	187136	49.845	ug/L	98
16) Methylene chloride	3.044	84	199878	45.566	ug/L	99
17) trans-1,2-Dichloroethene	3.349	96	149405	50.454	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	475512	51.883	ug/L	99
19) 1,1-Dichloroethane	3.864	63	317442	52.672	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	179533	51.950	ug/L	99
22) 2-Butanone	4.697	43	275041	88.434	ug/L	100
23) Bromochloromethane	4.970	128	99001	51.912	ug/L	99
25) Chloroform	5.086	83	331857	52.772	ug/L	99

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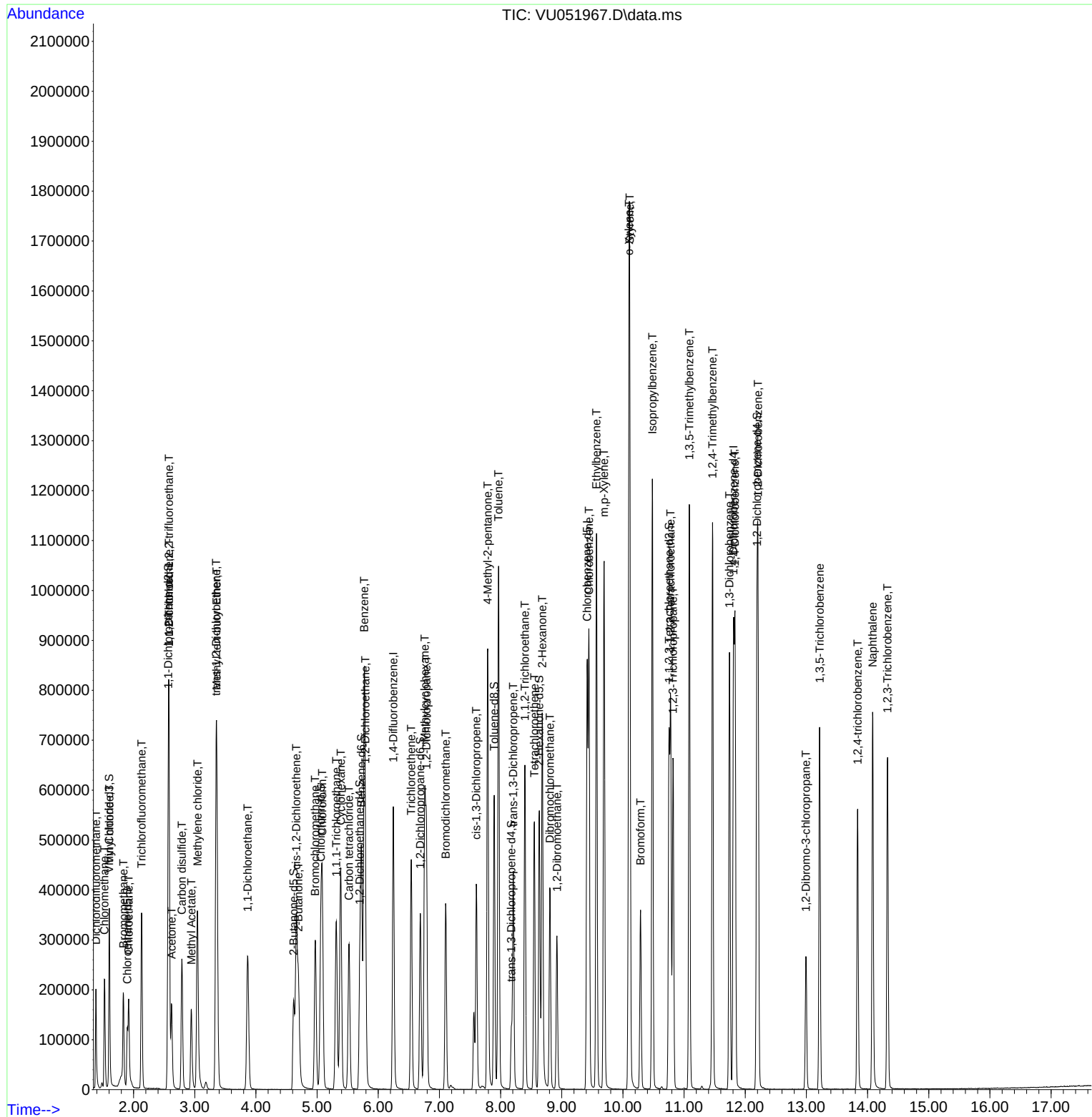
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	248403	53.455	ug/L	100
29) Cyclohexane	5.388	56	208461	52.130	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	246409	52.000	ug/L	99
31) Carbon tetrachloride	5.520	117	200509	50.613	ug/L	98
33) Benzene	5.771	78	730017	54.147	ug/L	100
34) Trichloroethene	6.539	95	162744	50.952	ug/L	99
35) Methylcyclohexane	6.761	83	220847	50.993	ug/L	99
37) 1,2-Dichloropropane	6.787	63	204095	53.461	ug/L	100
38) Bromodichloromethane	7.102	83	248882	52.108	ug/L	100
39) cis-1,3-Dichloropropene	7.603	75	252292	50.520	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	547729	108.950	ug/L	100
42) Toluene	7.967	91	779487	56.211	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	244364	51.066	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	206519	53.233	ug/L	99
46) Tetrachloroethene	8.552	164	122707	48.105	ug/L	97
48) 2-Hexanone	8.680	43	451300	104.523	ug/L	98
49) Dibromochloromethane	8.806	129	209006	52.250	ug/L	98
50) 1,2-Dibromoethane	8.922	107	205670	52.662	ug/L	98
51) Chlorobenzene	9.446	112	496794	52.429	ug/L	99
52) Ethylbenzene	9.568	91	767887	54.108	ug/L	98
53) m,p-Xylene	9.693	106	311046	56.622	ug/L	97
54) o-Xylene	10.098	106	310210	55.483	ug/L	99
55) Styrene	10.111	104	556814	57.718	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	389796	53.171	ug/L	98
59) Bromoform	10.288	173	163196	50.305	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	291884	50.996	ug/L	100
61) Isopropylbenzene	10.481	105	765758	54.758	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	621912	54.577	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	620181	55.706	ug/L	99
64) 1,3-Dichlorobenzene	11.741	146	371929	52.475	ug/L	99
65) 1,4-Dichlorobenzene	11.831	146	367340	51.178	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	394159	52.298	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	70815	48.324	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	232369	49.416	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	176761	47.424	ug/L	100
71) Naphthalene	14.082	128	622931	50.818	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	212739	52.149	ug/L	99

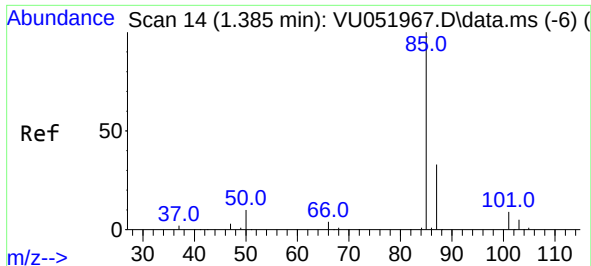
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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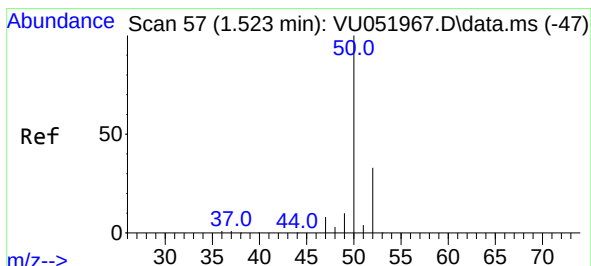
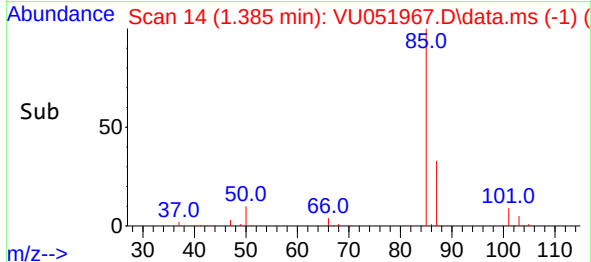
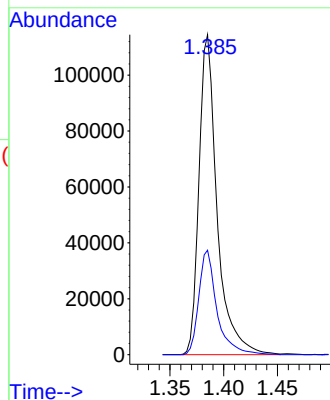
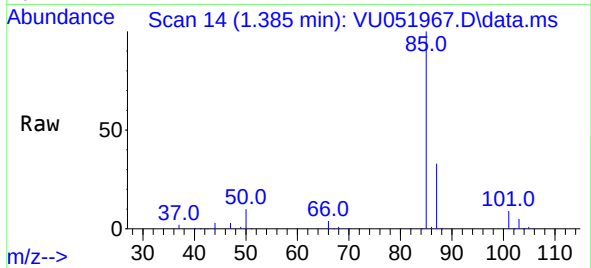




#2
Dichlorodifluoromethane
Concen: 47.412 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

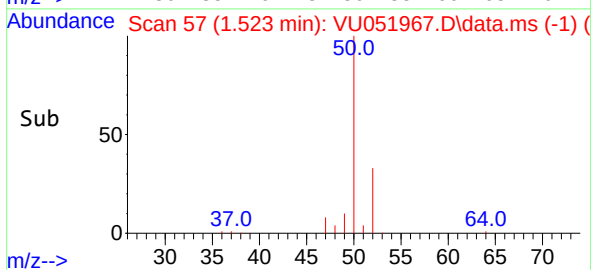
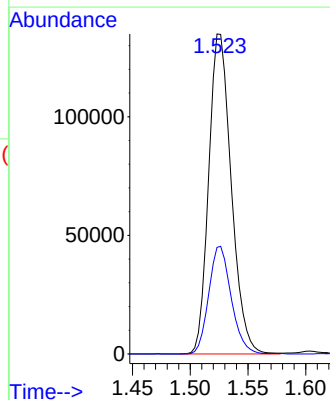
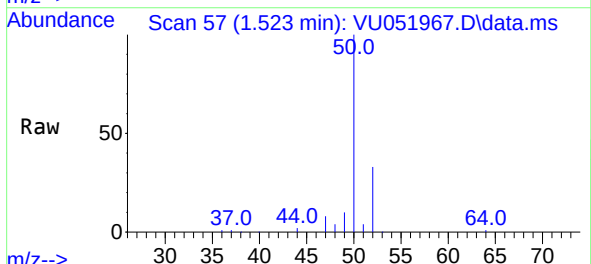
Instrument :
MSVOA_U
ClientSampleId :
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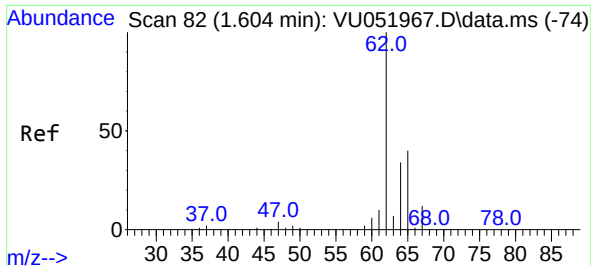
Tgt Ion: 85 Resp: 134213
Ion Ratio Lower Upper
85 100
87 32.7 26.0 39.0



#3
Chloromethane
Concen: 48.822 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 50 Resp: 183537
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.6

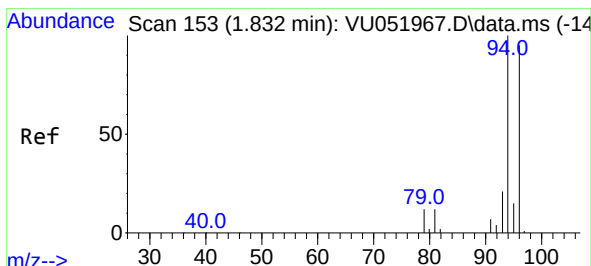
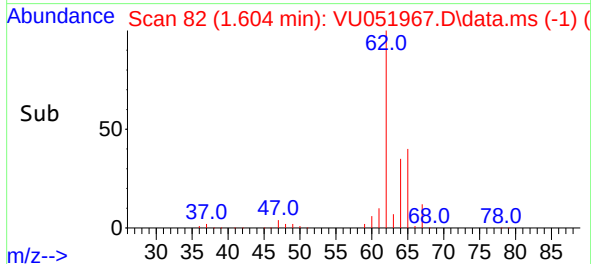
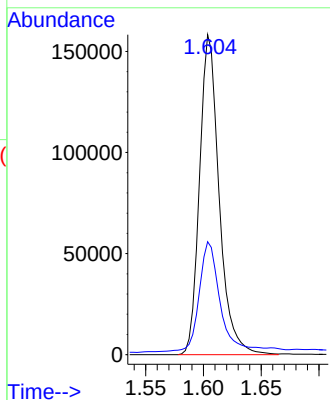
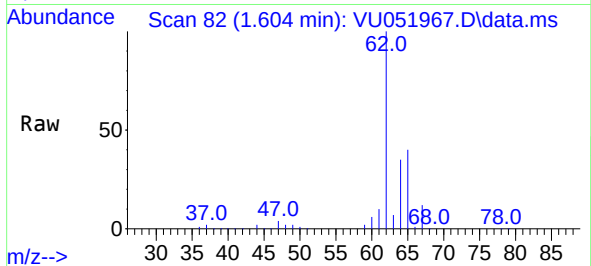




#5
 Vinyl chloride
 Concen: 47.939 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU051967.D
 Acq: 20 Nov 2022 11:36

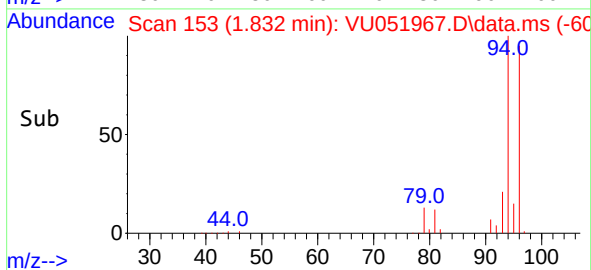
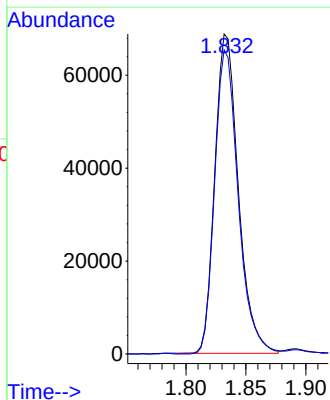
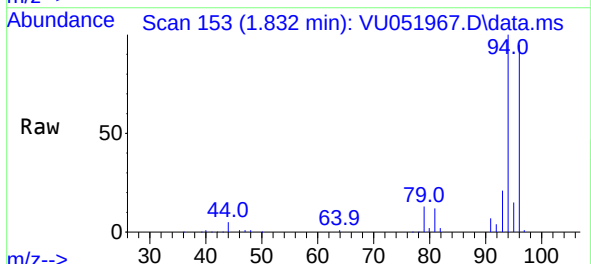
Instrument :
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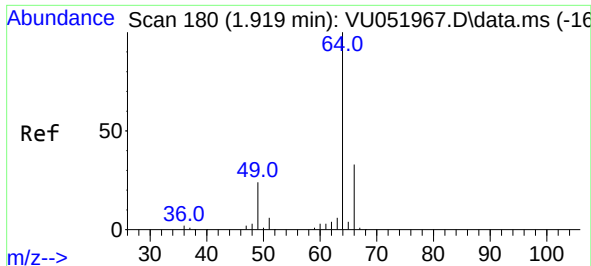
Tgt Ion: 62 Resp: 186930
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.3 45.1



#6
 Bromomethane
 Concen: 55.562 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.000 min
 Lab File: VU051967.D
 Acq: 20 Nov 2022 11:36

Tgt Ion: 94 Resp: 93863
 Ion Ratio Lower Upper
 94 100
 96 95.1 66.1 122.7

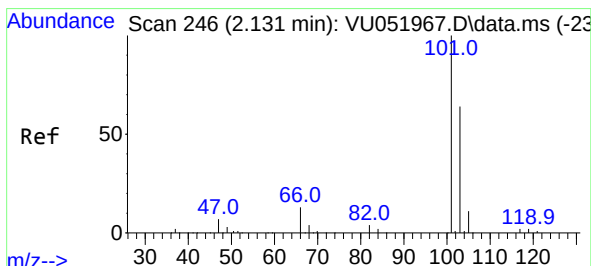
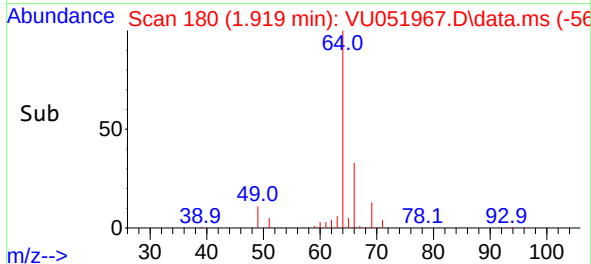
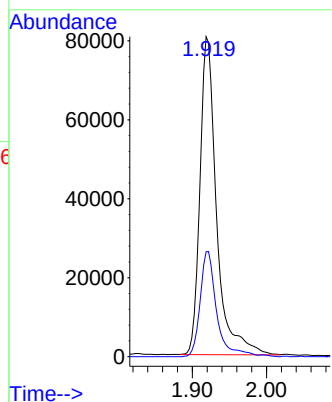
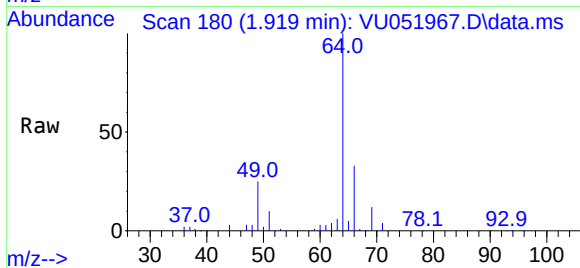




#8
Chloroethane
Concen: 49.491 ug/L
RT: 1.919 min Scan# 180
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

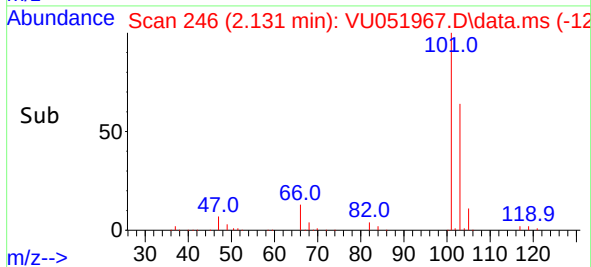
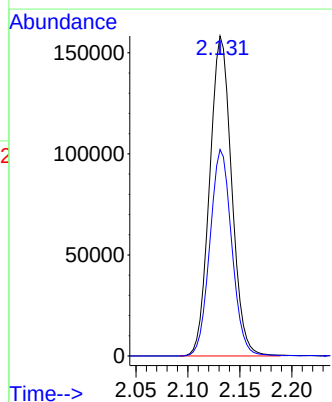
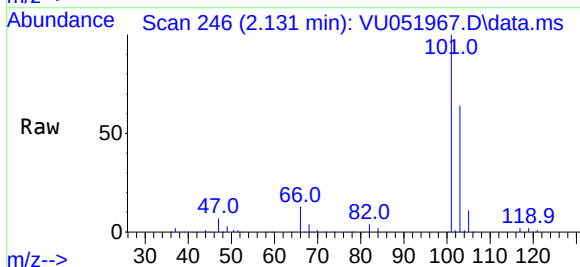
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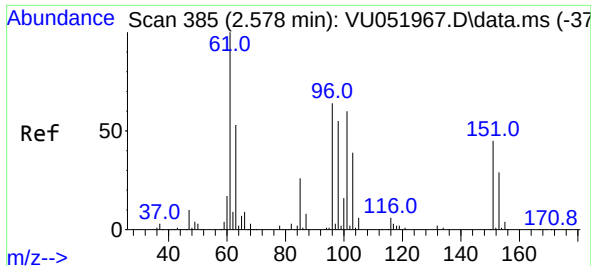
Tgt Ion: 64 Resp: 125468
Ion Ratio Lower Upper
64 100
66 32.8 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.955 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion:101 Resp: 233213
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

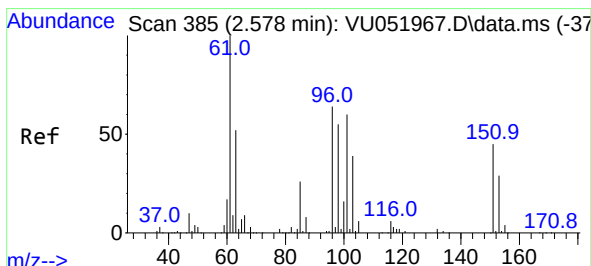
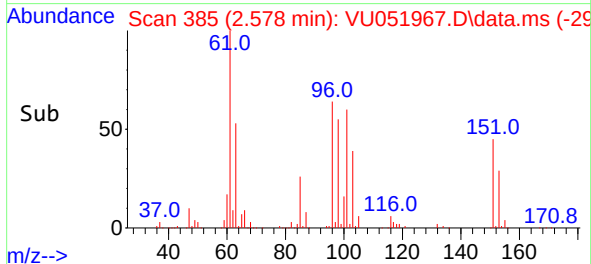
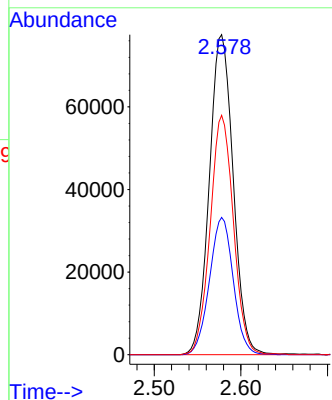
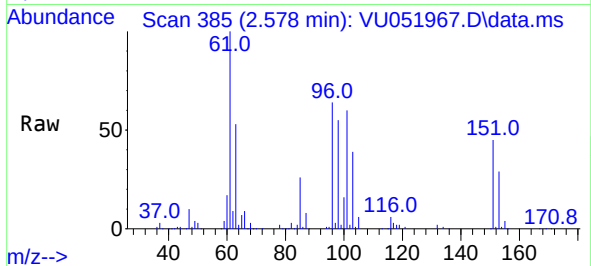




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.397 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051967.D
 Acq: 20 Nov 2022 11:36

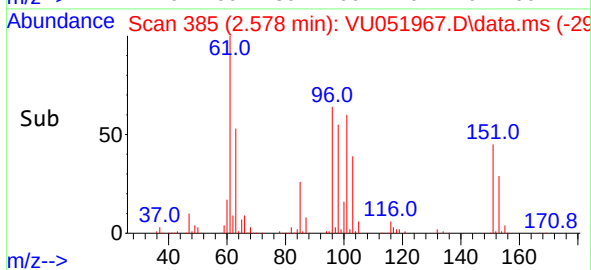
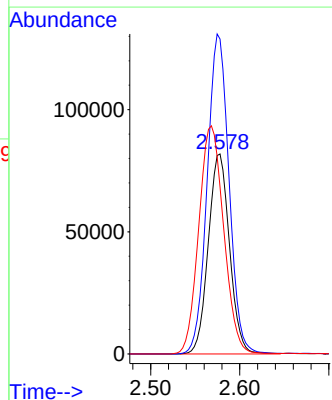
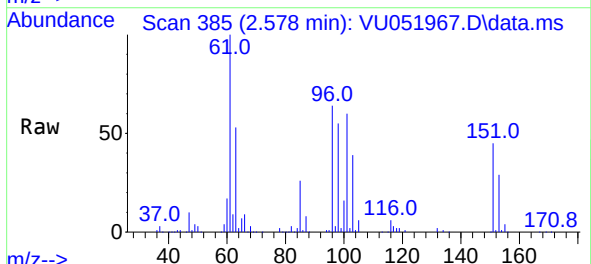
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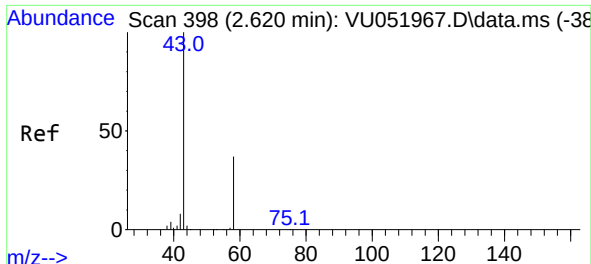
Tgt Ion:101 Resp: 148274
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.2 51.2
 151 73.1 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 49.276 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU051967.D
 Acq: 20 Nov 2022 11:36

Tgt Ion: 96 Resp: 135399
 Ion Ratio Lower Upper
 96 100
 61 157.5 110.7 205.5
 63 83.5 68.6 127.4





#13

Acetone

Concen: 62.339 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.000 min

Lab File: VU051967.D

Acq: 20 Nov 2022 11:36

Instrument :

MSVOA_U

ClientSampleId :

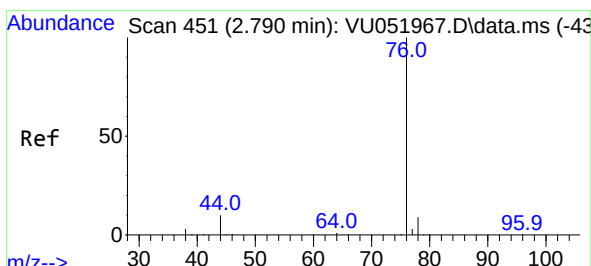
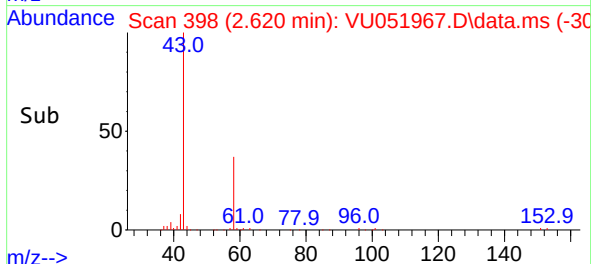
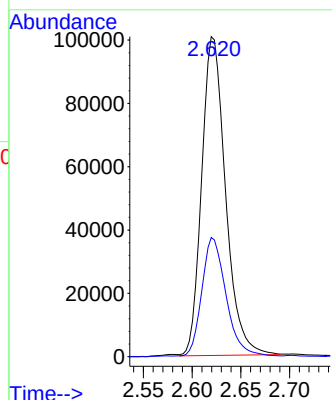
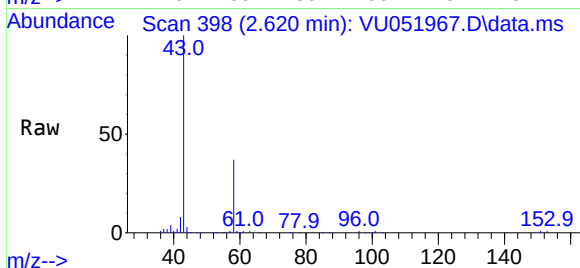
VSTD050127

Tgt Ion: 43 Resp: 171673

Ion Ratio Lower Upper

43 100

58 38.0 0.0 75.4



#14

Carbon disulfide

Concen: 46.666 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051967.D

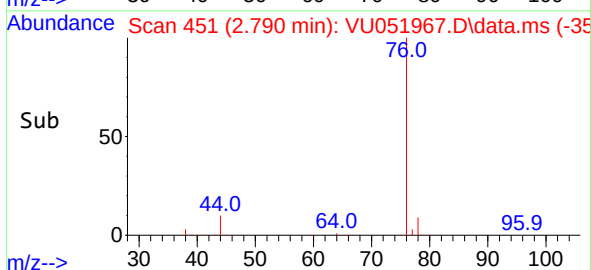
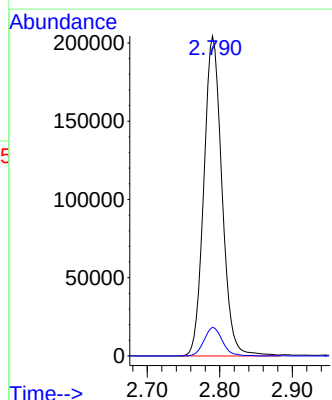
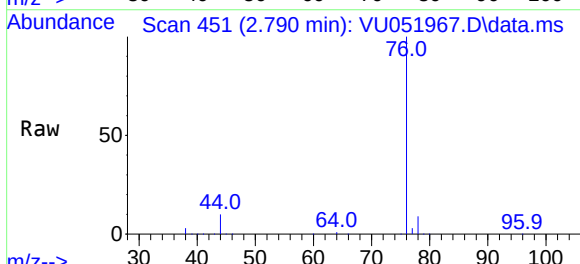
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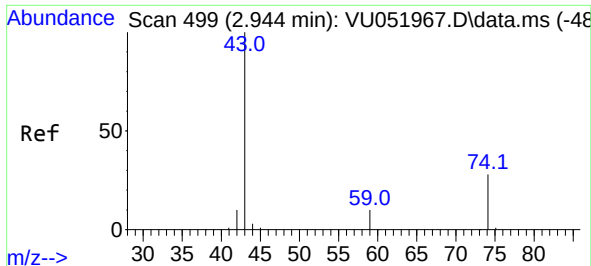
Tgt Ion: 76 Resp: 355251

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

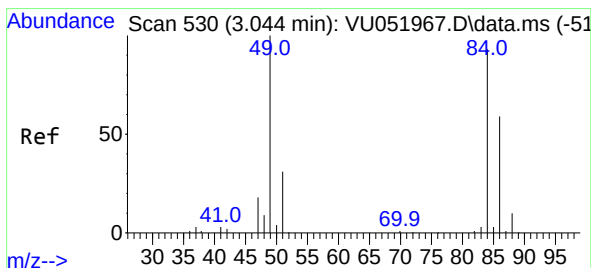
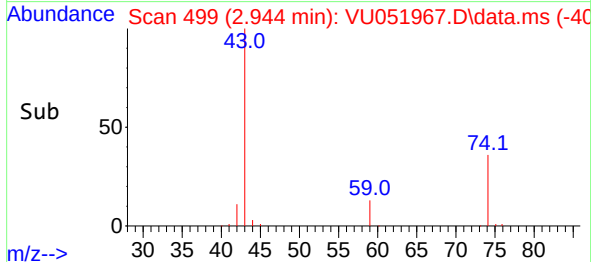
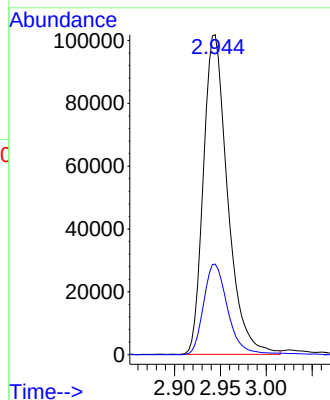
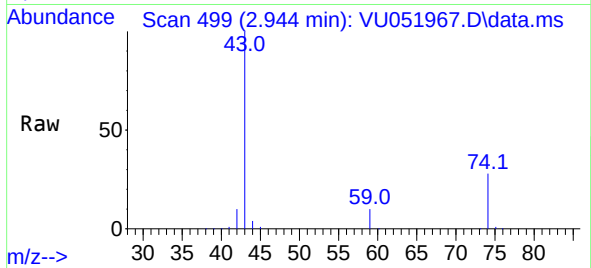




#15
Methyl Acetate
Concen: 49.845 ug/L
RT: 2.944 min Scan# 499
Delta R.T. 0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

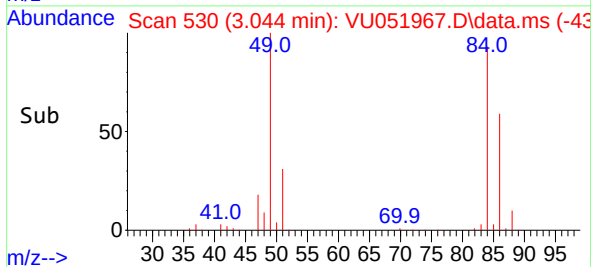
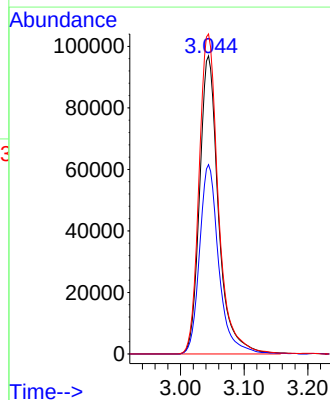
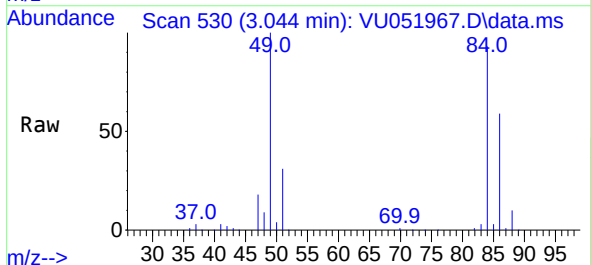
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

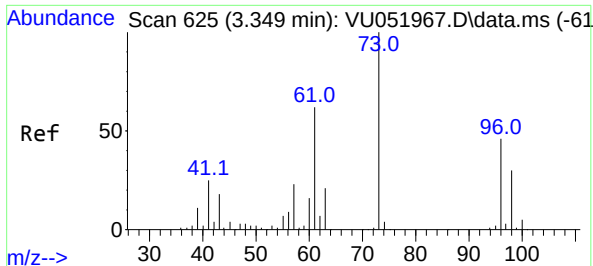
Tgt Ion: 43 Resp: 187136
Ion Ratio Lower Upper
43 100
74 28.5 21.8 32.8



#16
Methylene chloride
Concen: 45.566 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 84 Resp: 199878
Ion Ratio Lower Upper
84 100
86 63.5 44.7 82.9
49 107.4 76.5 142.1

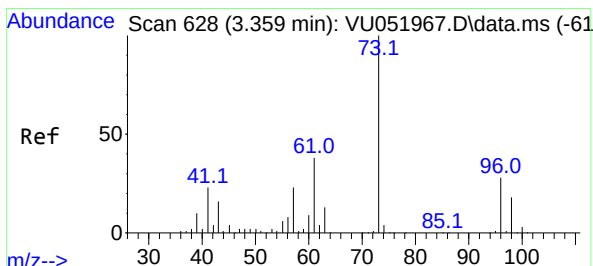
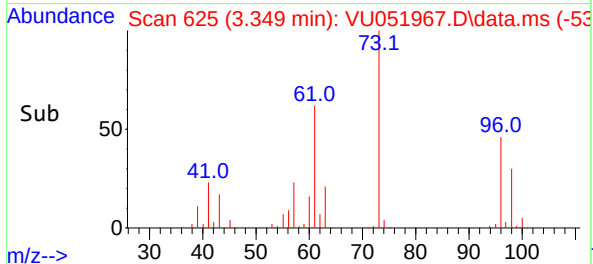
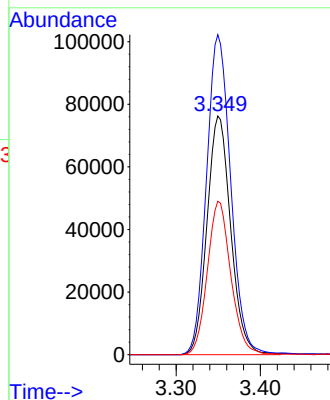
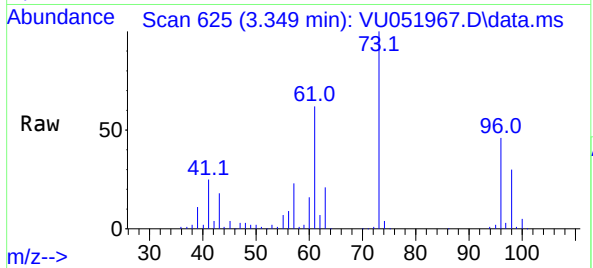




#17
trans-1,2-Dichloroethene
Concen: 50.454 ug/L
RT: 3.349 min Scan# 617
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

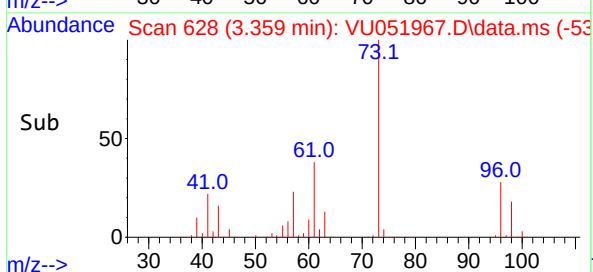
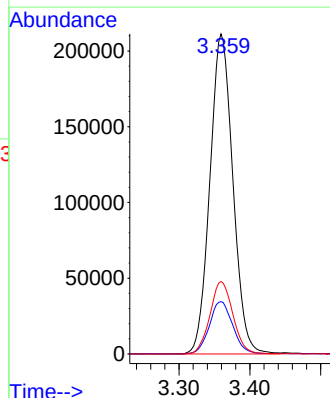
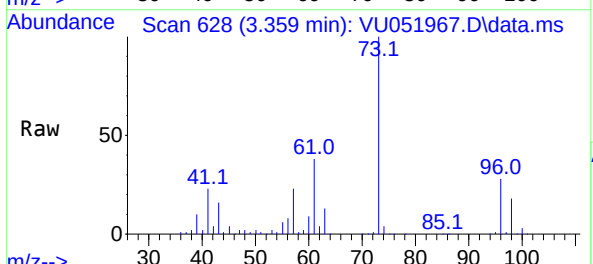
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

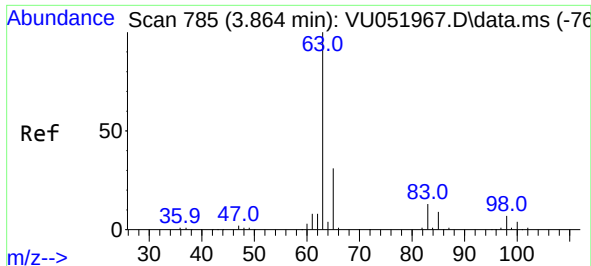
Tgt Ion: 96 Resp: 149405
Ion Ratio Lower Upper
96 100
61 134.0 98.3 182.7
98 64.2 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 51.883 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 73 Resp: 475512
Ion Ratio Lower Upper
73 100
43 16.6 13.4 20.0
57 22.7 17.7 26.5

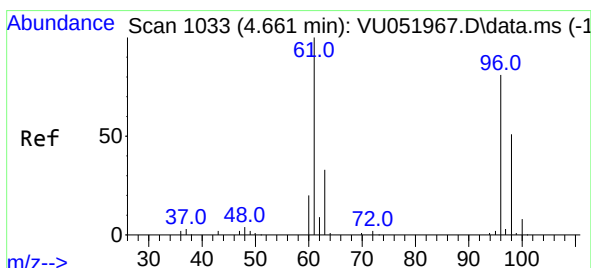
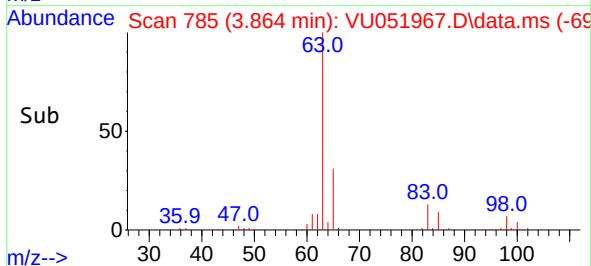
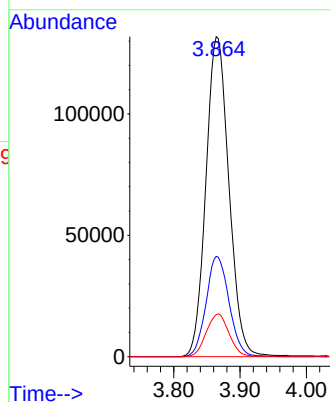
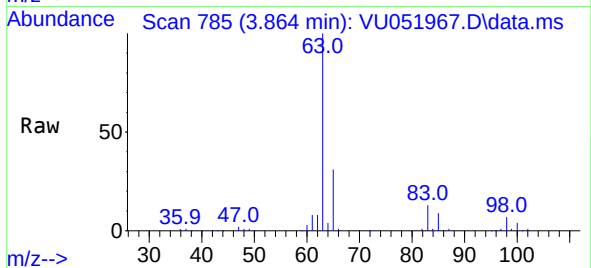




#19
1,1-Dichloroethane
Concen: 52.672 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

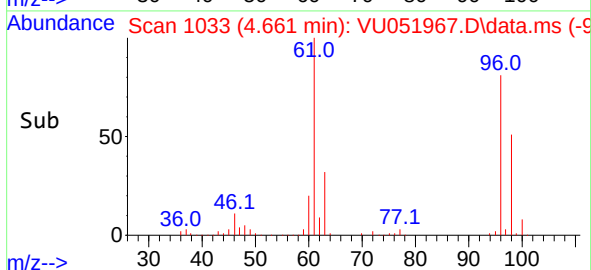
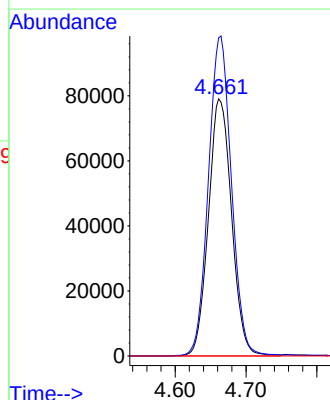
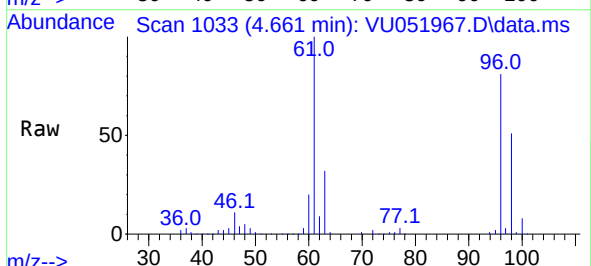
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

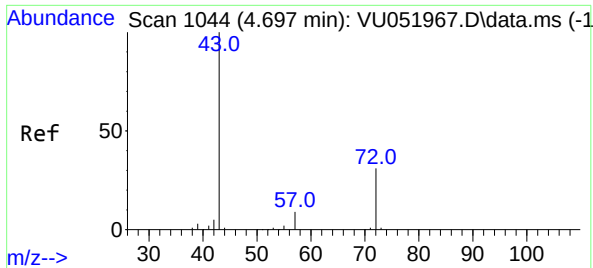
Tgt Ion: 63 Resp: 317442
Ion Ratio Lower Upper
63 100
65 31.4 22.2 41.2
83 13.2 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 51.950 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 96 Resp: 179533
Ion Ratio Lower Upper
96 100
61 123.7 86.0 159.8
68 0.0 0.0 0.0

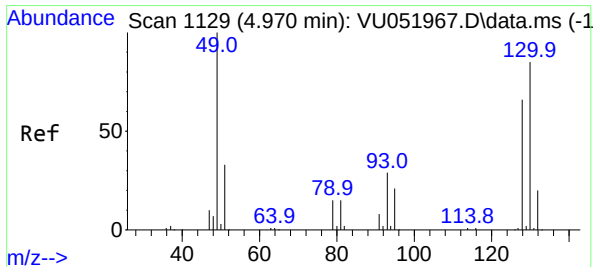
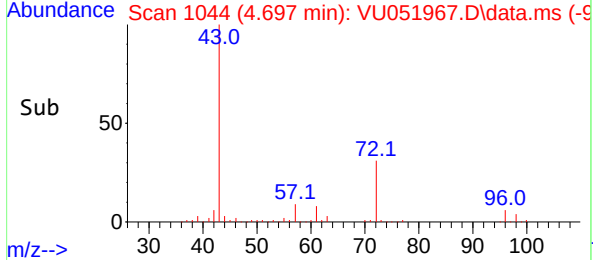
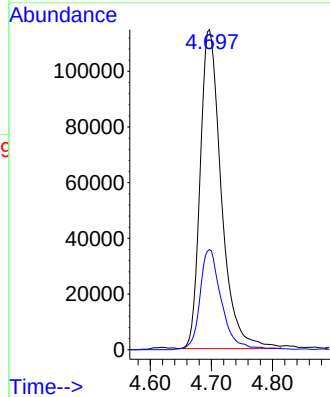
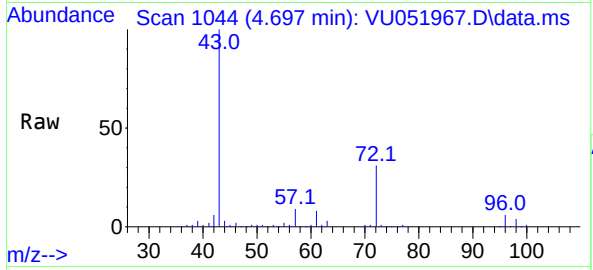




#22
2-Butanone
Concen: 88.434 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

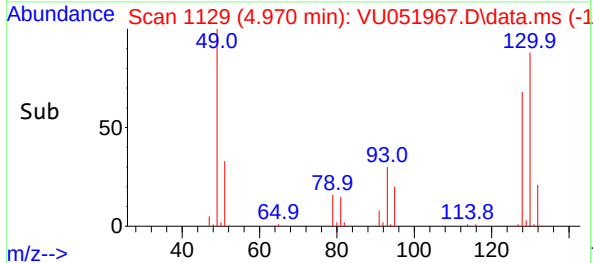
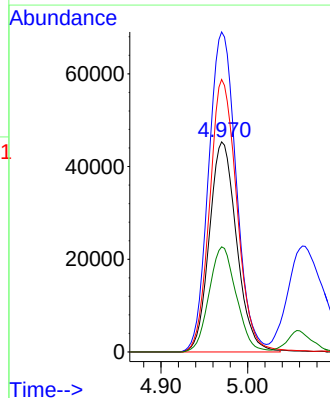
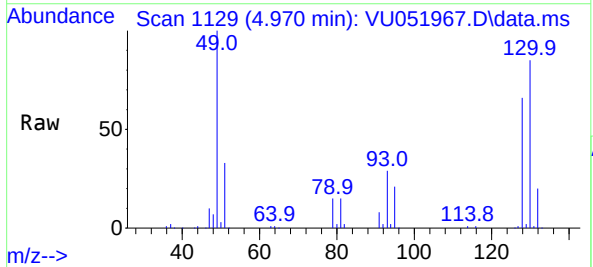
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

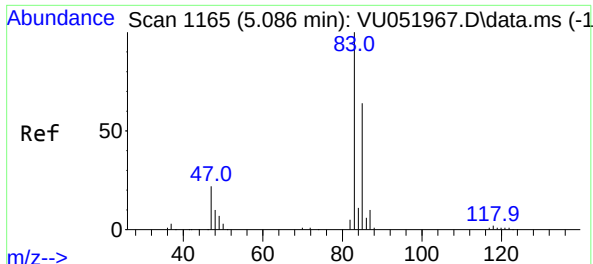
Tgt Ion: 43 Resp: 275041
Ion Ratio Lower Upper
43 100
72 31.5 15.7 47.1



#23
Bromochloromethane
Concen: 51.912 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion:128 Resp: 99001
Ion Ratio Lower Upper
128 100
49 152.3 107.2 199.0
130 129.7 92.5 171.7
51 50.0 38.8 58.2





#25

Chloroform

Concen: 52.772 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051967.D

Acq: 20 Nov 2022 11:36

Instrument :

MSVOA_U

ClientSampleId :

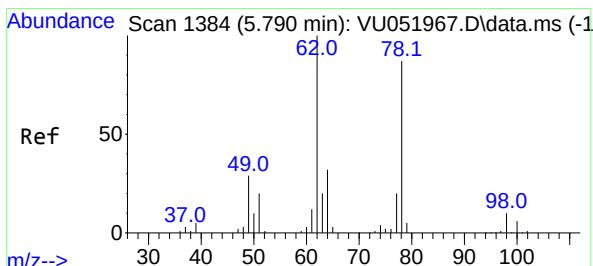
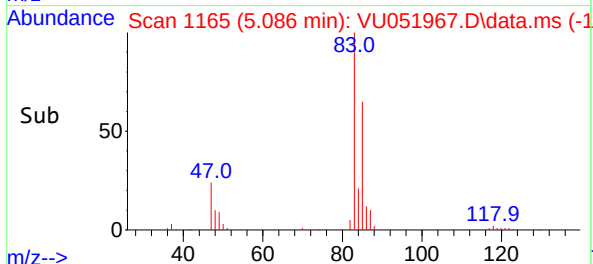
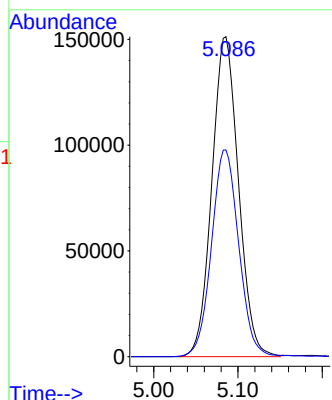
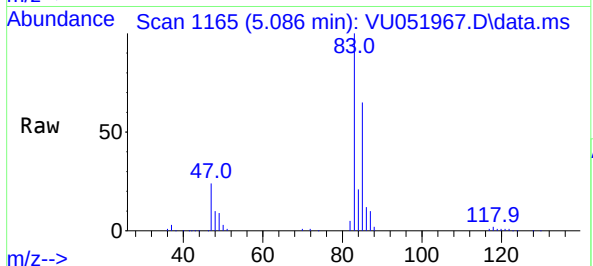
VSTD050127

Tgt Ion: 83 Resp: 331857

Ion Ratio Lower Upper

83 100

85 64.6 45.6 84.8



#27

1,2-Dichloroethane

Concen: 53.455 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU051967.D

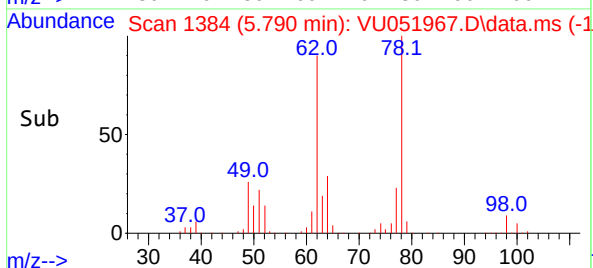
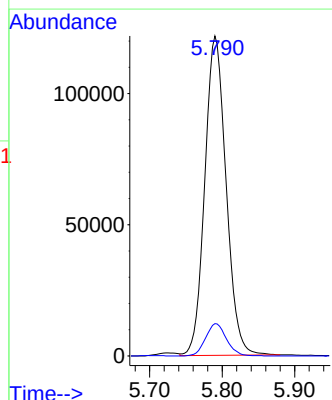
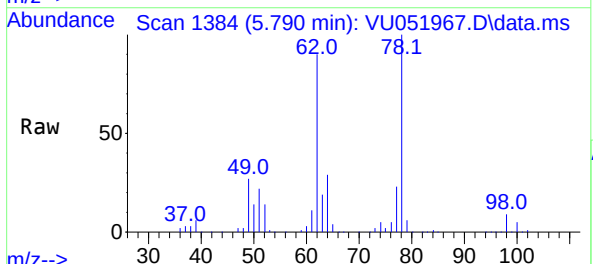
Acq: 20 Nov 2022 11:36

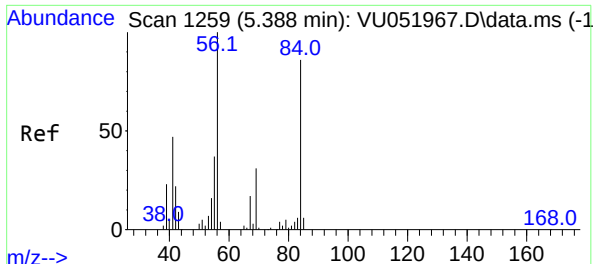
Tgt Ion: 62 Resp: 248403

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1

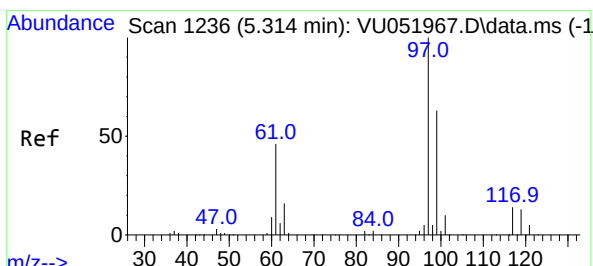
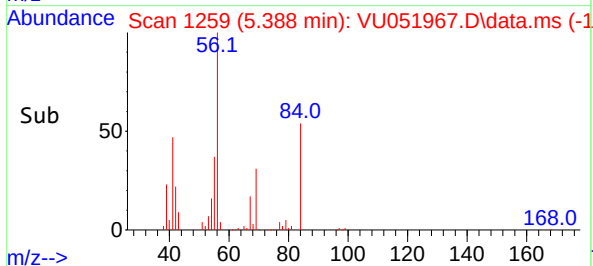
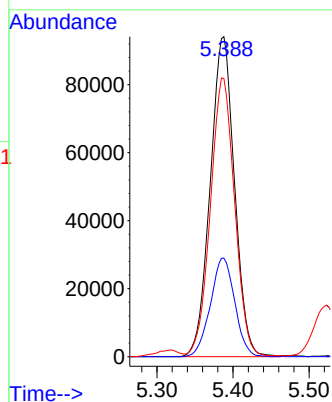
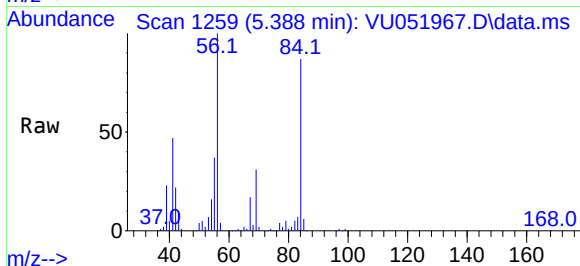




#29
Cyclohexane
Concen: 52.130 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

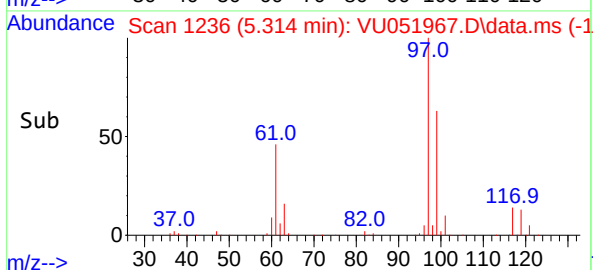
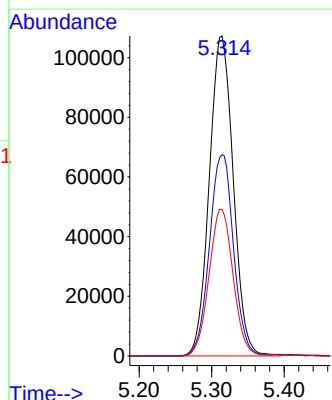
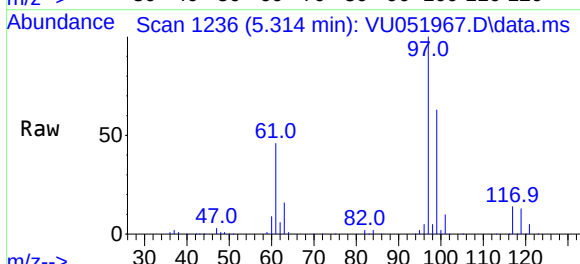
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

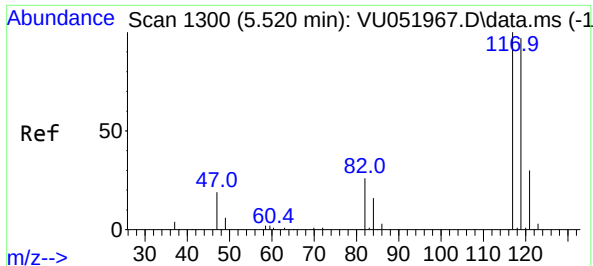
Tgt Ion: 56 Resp: 208461
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.2
84 86.8 71.4 107.0



#30
1,1,1-Trichloroethane
Concen: 52.000 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 97 Resp: 246409
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 46.1 37.4 56.2

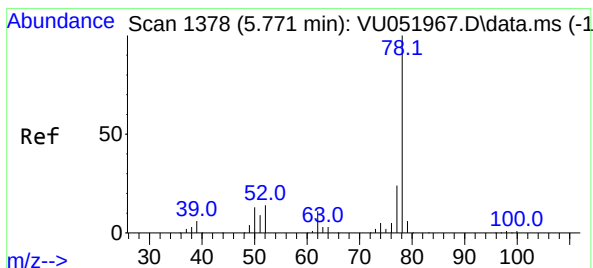
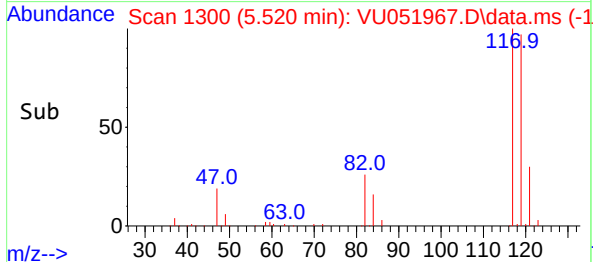
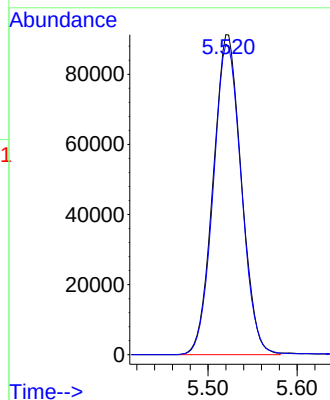
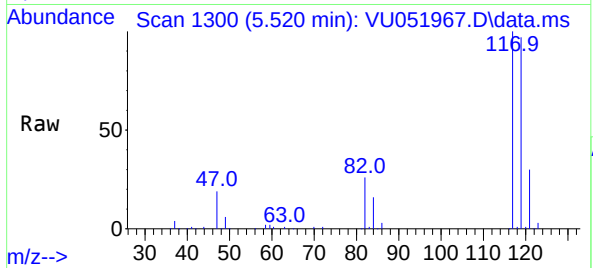




#31
Carbon tetrachloride
Concen: 50.613 ug/L
RT: 5.520 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

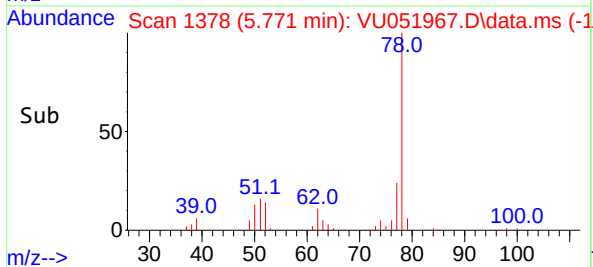
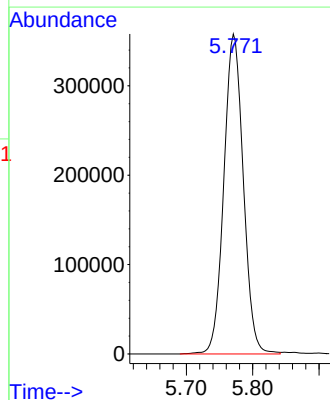
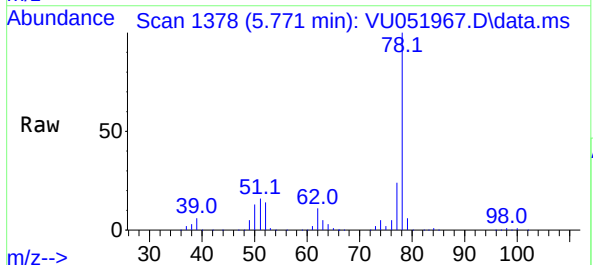
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

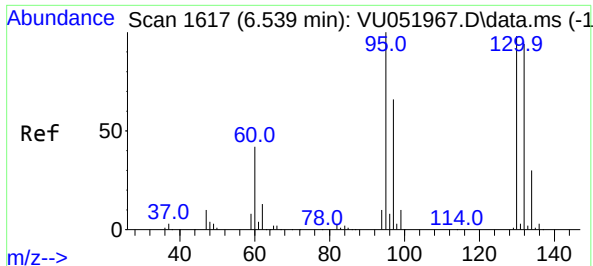
Tgt Ion:117 Resp: 200509
Ion Ratio Lower Upper
117 100
119 96.8 75.6 113.4



#33
Benzene
Concen: 54.147 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 78 Resp: 730017

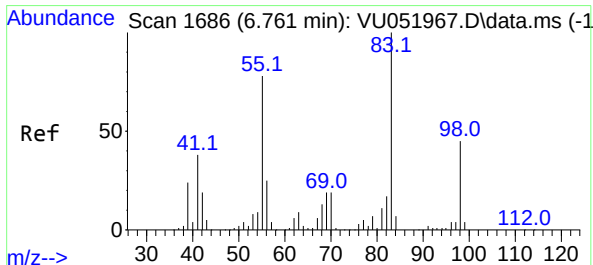
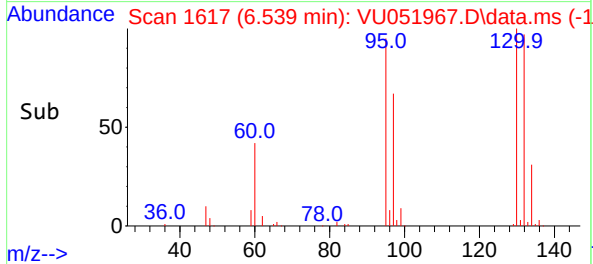
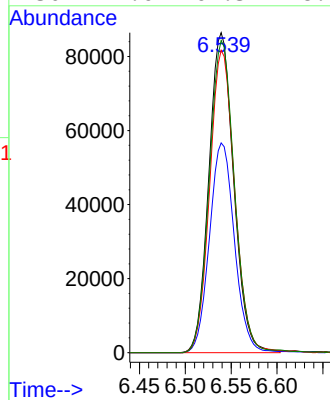
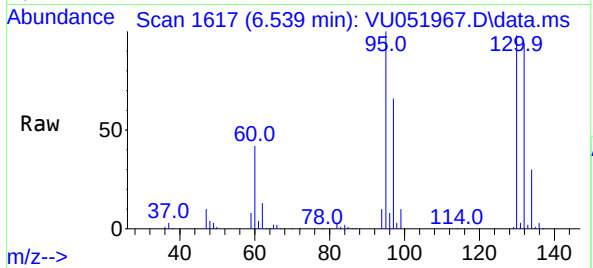




#34
Trichloroethene
Concen: 50.952 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

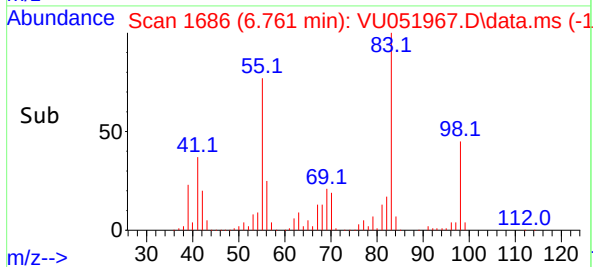
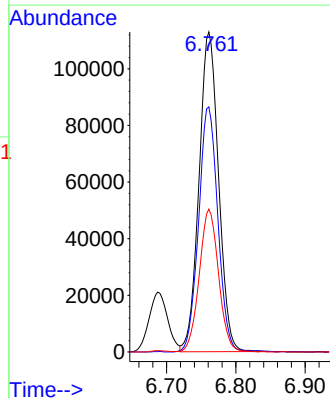
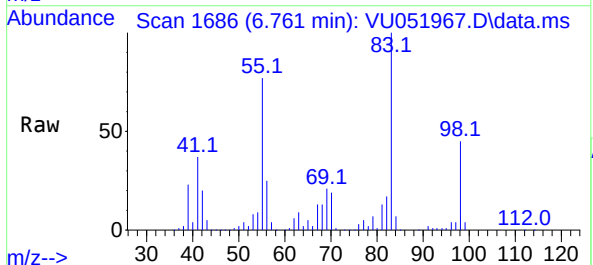
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

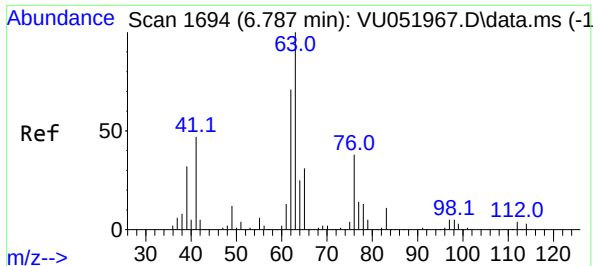
Tgt Ion: 95 Resp: 162744
Ion Ratio Lower Upper
95 100
97 65.6 45.8 85.0
132 94.5 65.3 121.3
130 97.6 69.3 128.7



#35
Methylcyclohexane
Concen: 50.993 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 83 Resp: 220847
Ion Ratio Lower Upper
83 100
55 75.7 60.0 90.0
98 44.2 35.8 53.8

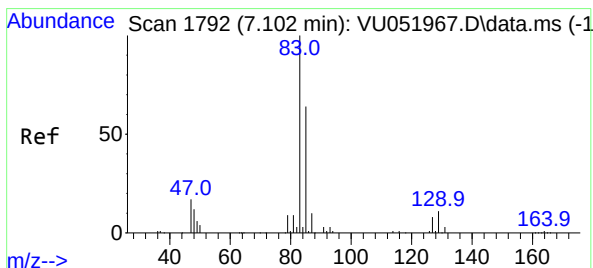
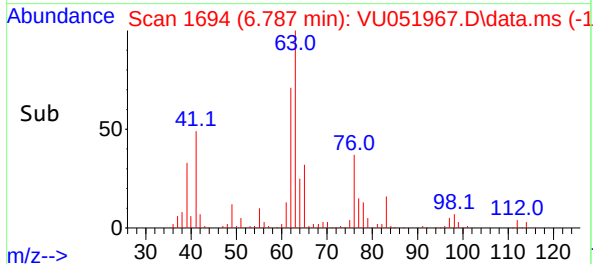
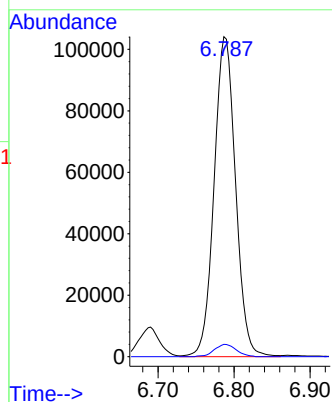
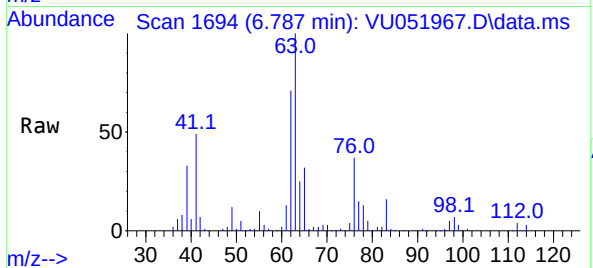




#37
1,2-Dichloropropane
Concen: 53.461 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

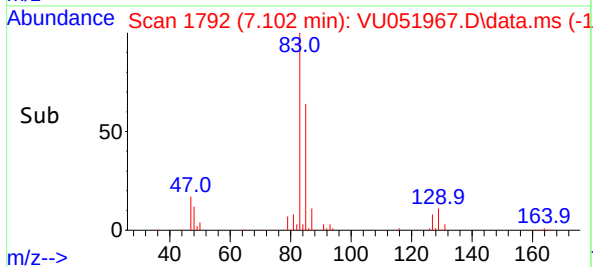
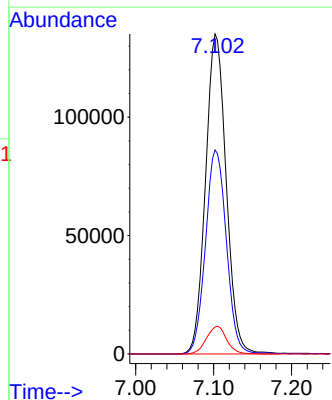
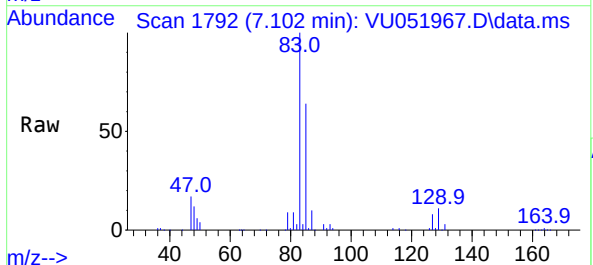
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

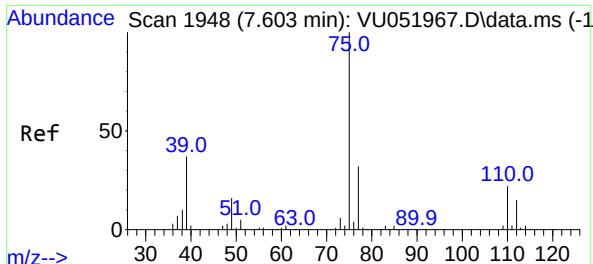
Tgt Ion: 63 Resp: 204095
Ion Ratio Lower Upper
63 100
112 3.9 3.0 4.6



#38
Bromodichloromethane
Concen: 52.108 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 83 Resp: 248882
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 8.4 6.5 9.7

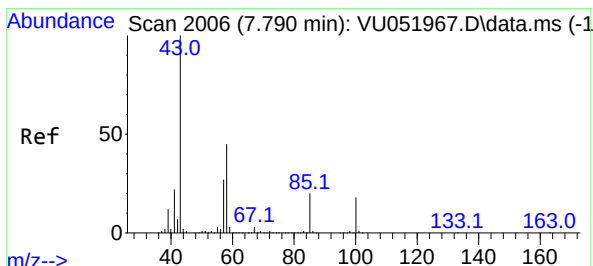
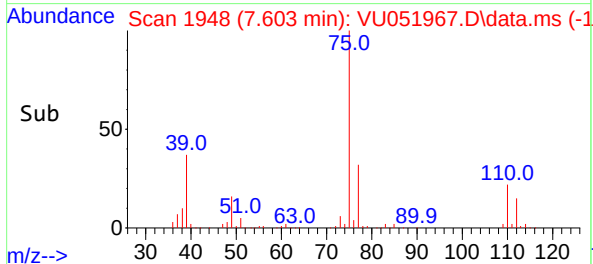
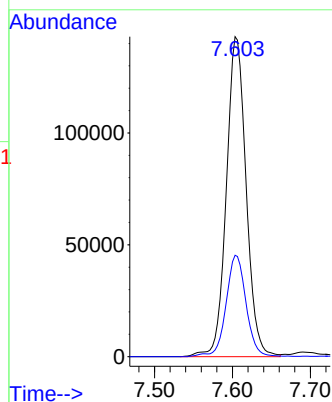
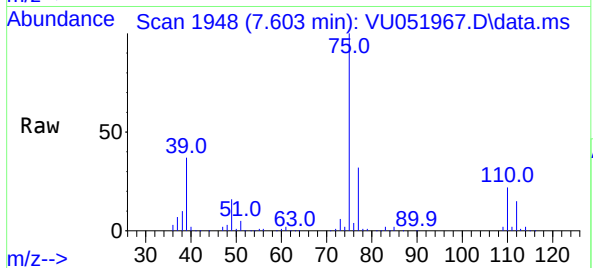




#39
 cis-1,3-Dichloropropene
 Concen: 50.520 ug/L
 RT: 7.603 min Scan# 1948
 Delta R.T. -0.004 min
 Lab File: VU051967.D
 Acq: 20 Nov 2022 11:36

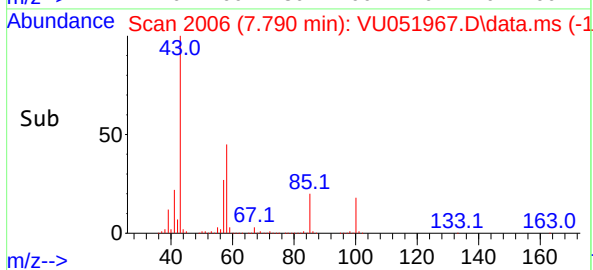
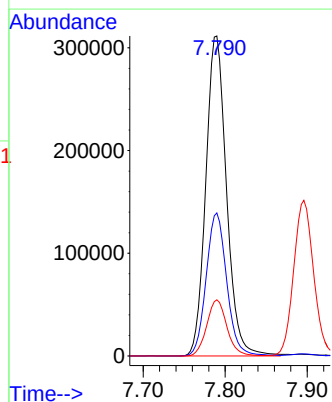
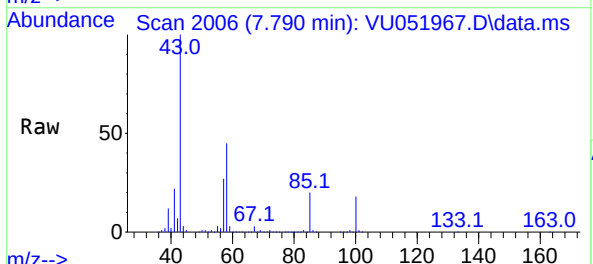
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050127

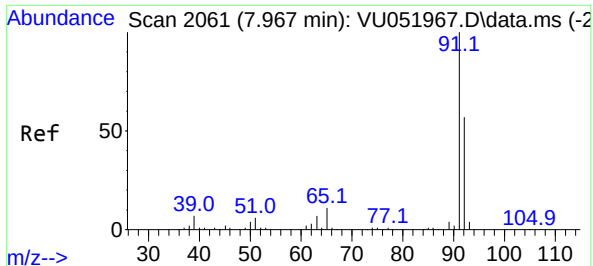
Tgt Ion: 75 Resp: 252292
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 108.950 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VU051967.D
 Acq: 20 Nov 2022 11:36

Tgt Ion: 43 Resp: 547729
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.4 53.2
 100 17.1 13.4 20.0





#42

Toluene

Concen: 56.211 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051967.D

Acq: 20 Nov 2022 11:36

Instrument :

MSVOA_U

ClientSampleId :

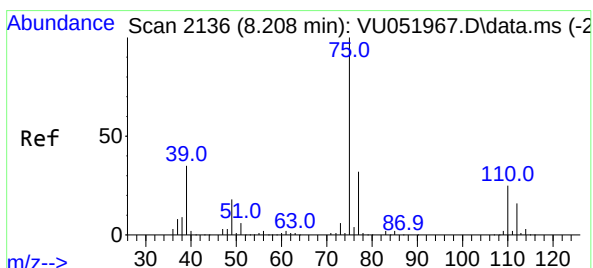
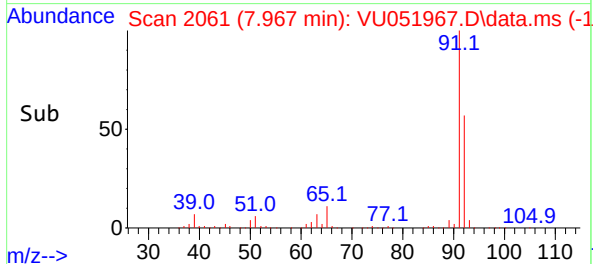
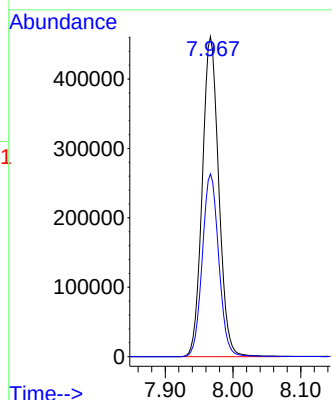
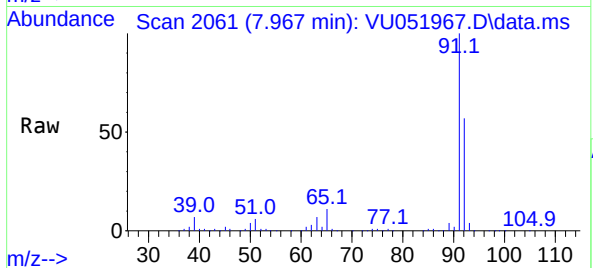
VSTD050127

Tgt Ion: 91 Resp: 779487

Ion Ratio Lower Upper

91 100

92 57.1 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 51.066 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051967.D

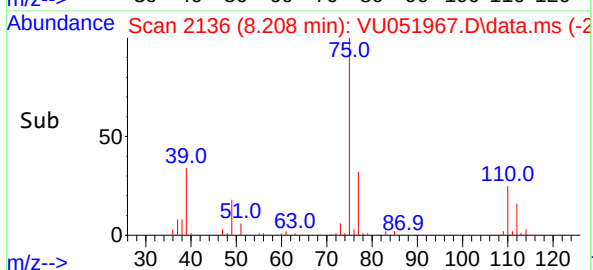
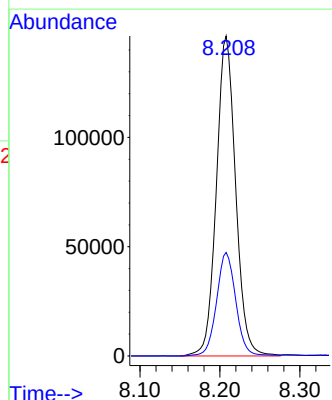
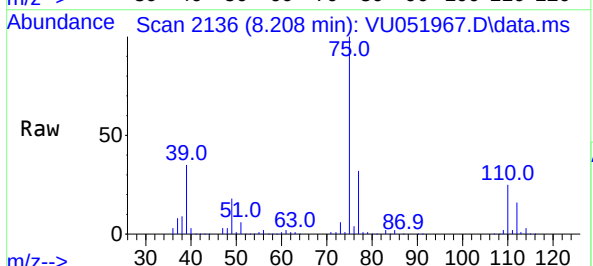
Acq: 20 Nov 2022 11:36

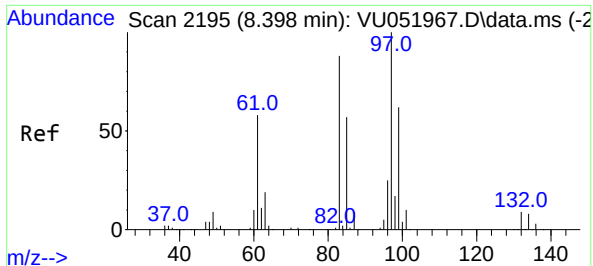
Tgt Ion: 75 Resp: 244364

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



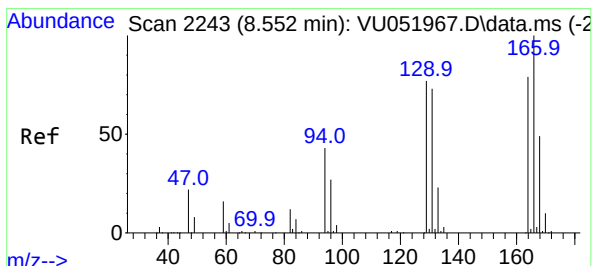
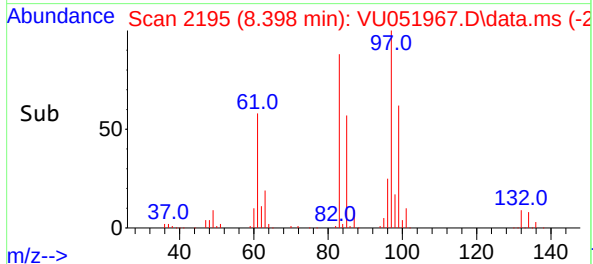
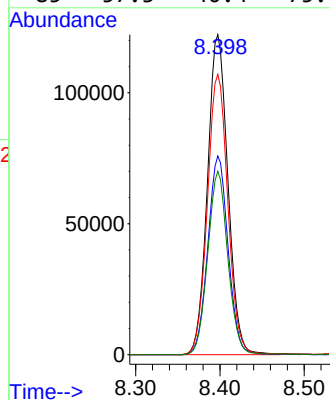
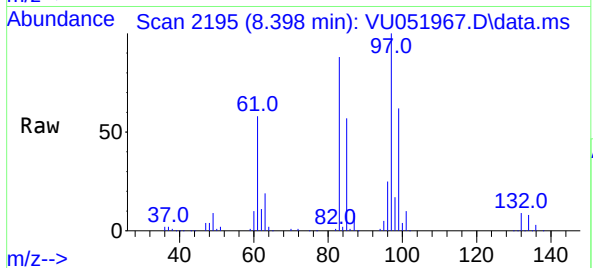


#45
1,1,2-Trichloroethane
Concen: 53.233 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

Tgt Ion: 97 Resp: 206519

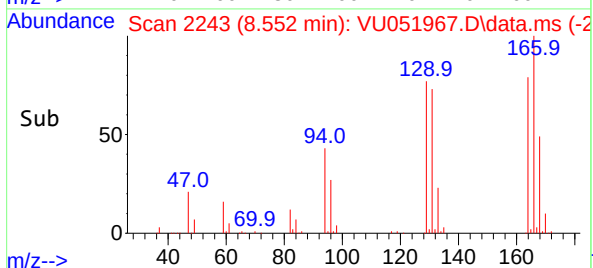
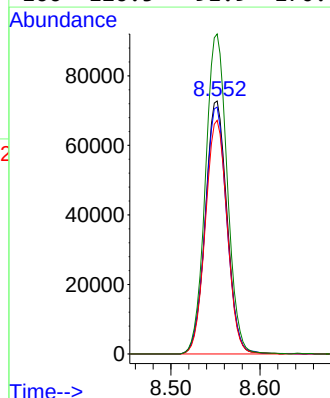
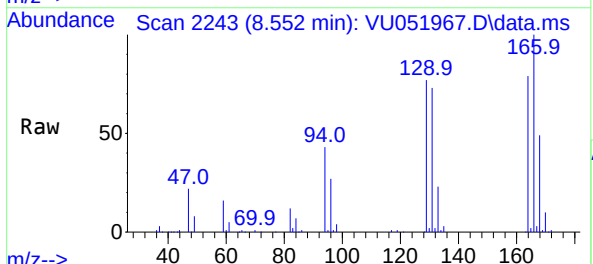
Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.3	82.3
83	87.6	62.3	115.7
85	57.3	40.4	75.0

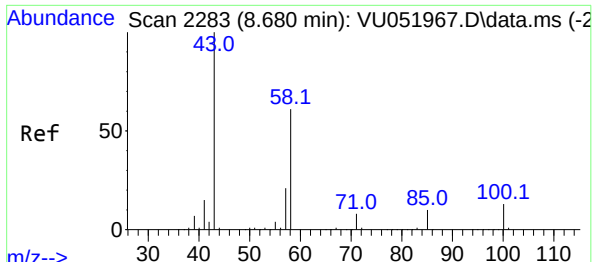


#46
Tetrachloroethene
Concen: 48.105 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 164 Resp: 122707

Ion	Ratio	Lower	Upper
164	100		
129	97.6	68.5	127.1
131	92.4	66.6	123.8
166	126.5	91.9	170.7



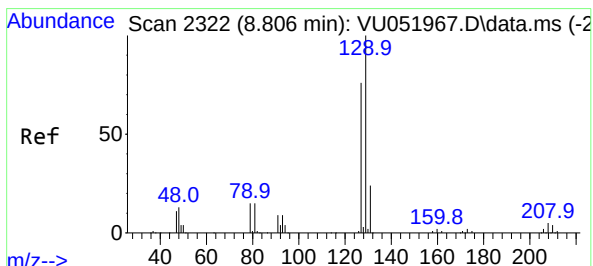
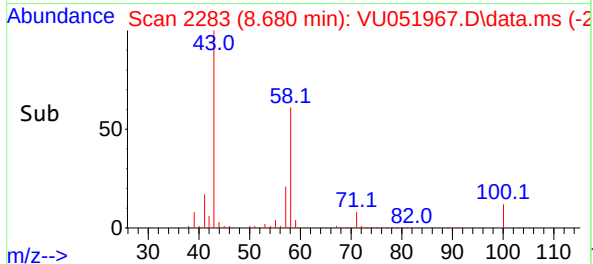
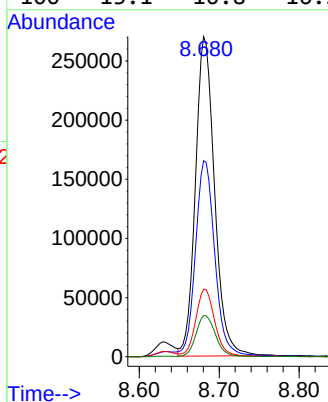
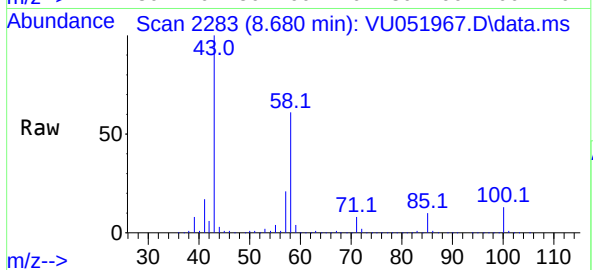


#48
2-Hexanone
Concen: 104.523 ug/L
RT: 8.680 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

Tgt Ion: 43 Resp: 451300

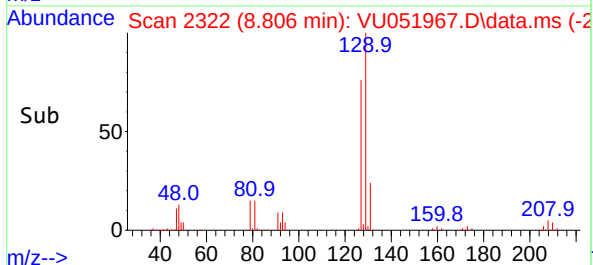
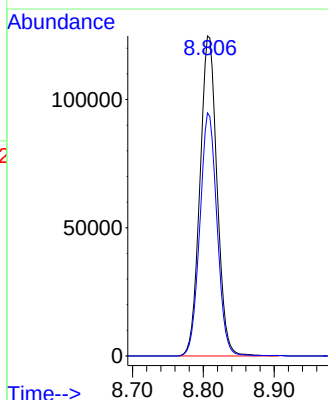
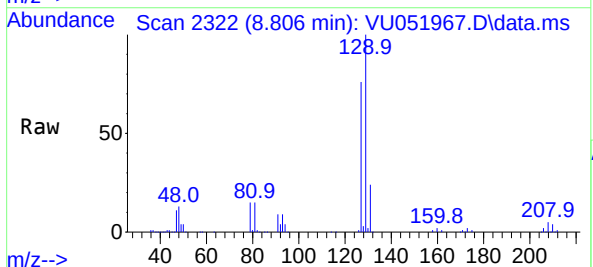
Ion	Ratio	Lower	Upper
43	100		
58	61.7	50.6	76.0
57	21.2	16.8	25.2
100	13.1	10.8	16.2

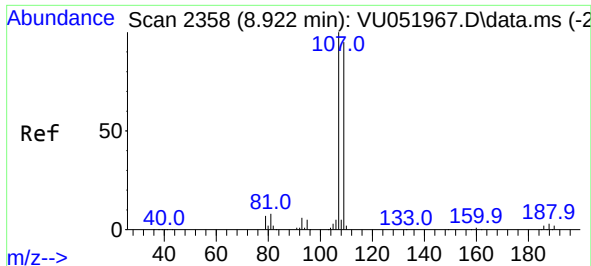


#49
Dibromochloromethane
Concen: 52.250 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.004 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 129 Resp: 209006

Ion	Ratio	Lower	Upper
129	100		
127	75.9	54.4	101.0

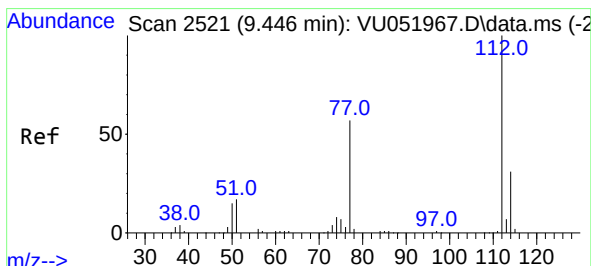
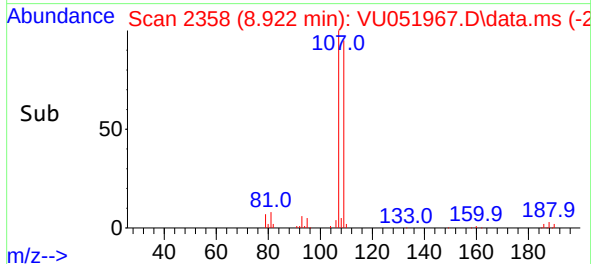
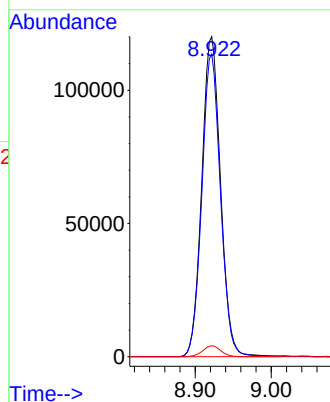
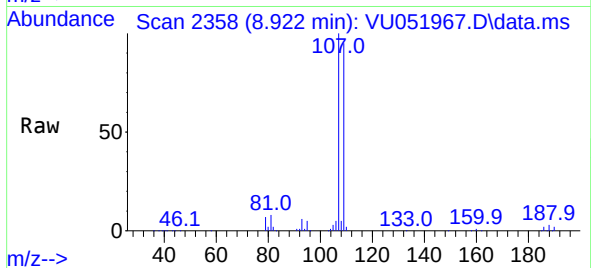




#50
1,2-Dibromoethane
Concen: 52.662 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

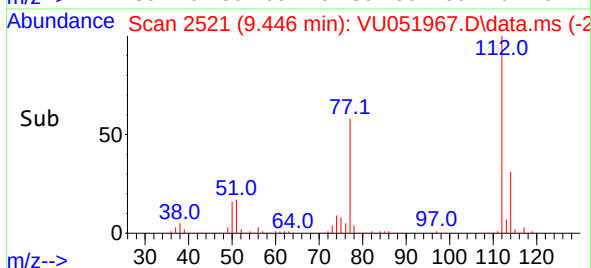
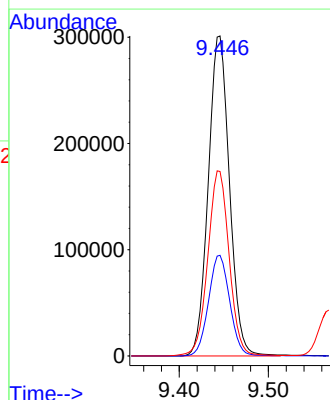
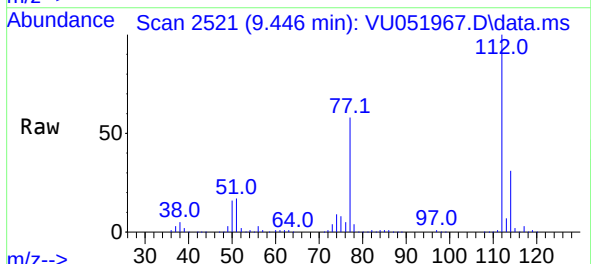
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

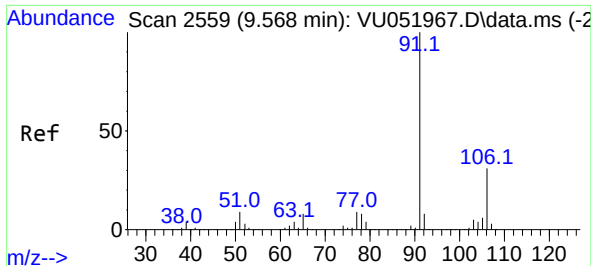
Tgt Ion:107 Resp: 205670
Ion Ratio Lower Upper
107 100
109 94.5 65.0 120.6
188 3.4 2.9 4.3



#51
Chlorobenzene
Concen: 52.429 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion:112 Resp: 496794
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 57.6 46.7 70.1

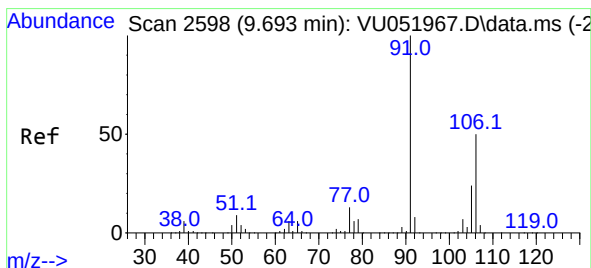
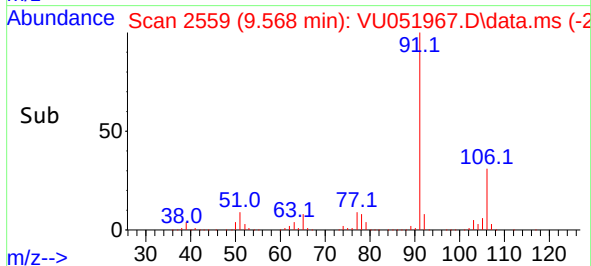
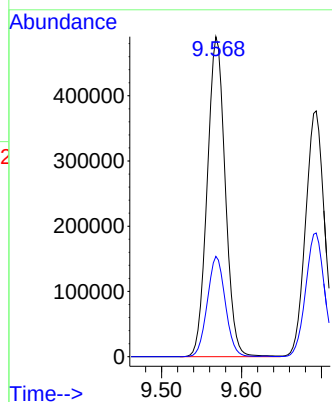
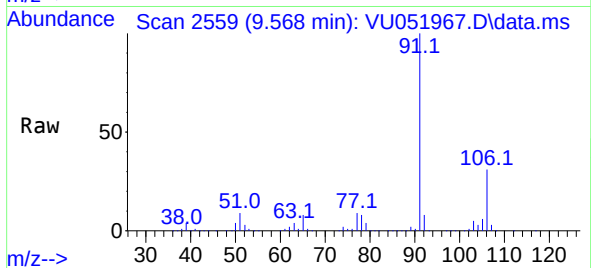




#52
Ethylbenzene
Concen: 54.108 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

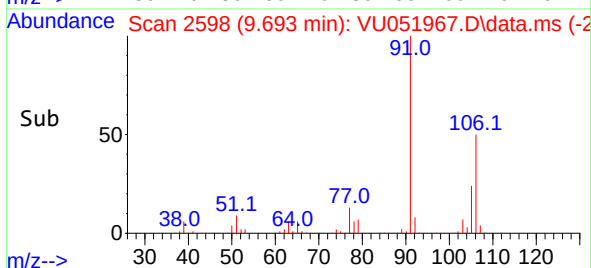
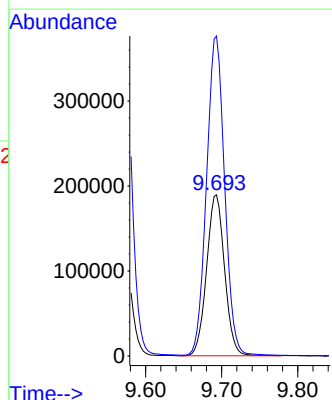
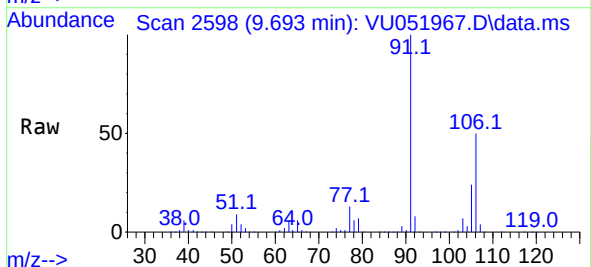
Instrument : MSVOA_U
ClientSampleId : VSTD050127

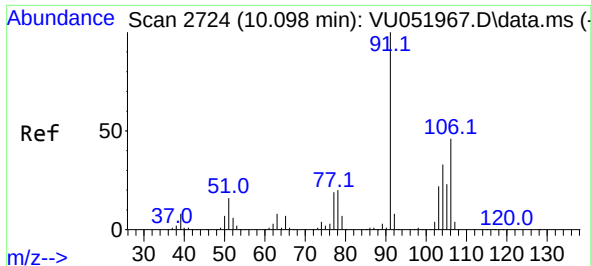
Tgt Ion: 91 Resp: 767887
Ion Ratio Lower Upper
91 100
106 31.4 21.3 39.6



#53
m,p-Xylene
Concen: 56.622 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion: 106 Resp: 311046
Ion Ratio Lower Upper
106 100
91 198.5 141.7 263.3

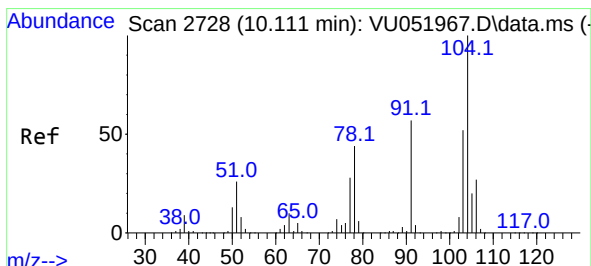
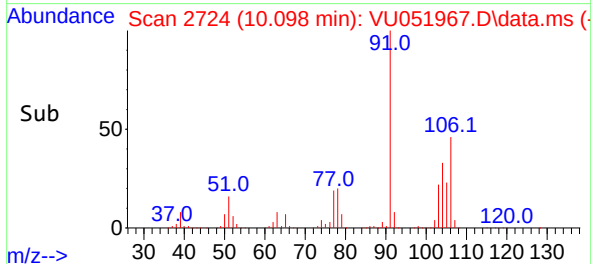
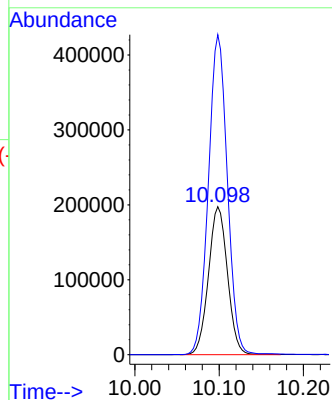
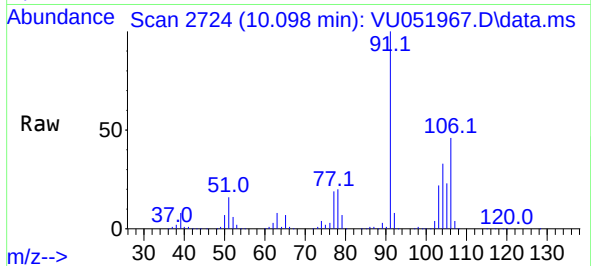




#54
o-Xylene
Concen: 55.483 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

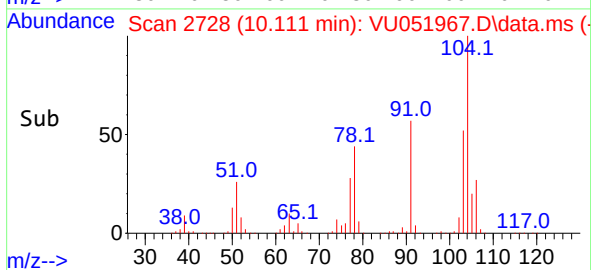
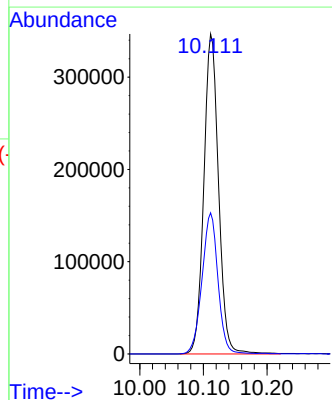
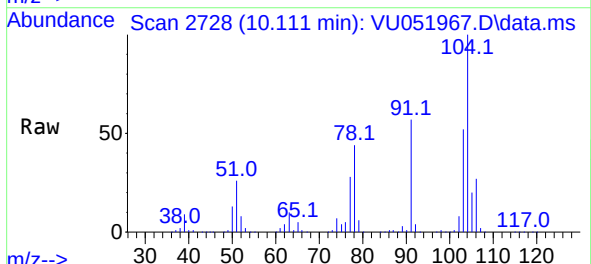
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

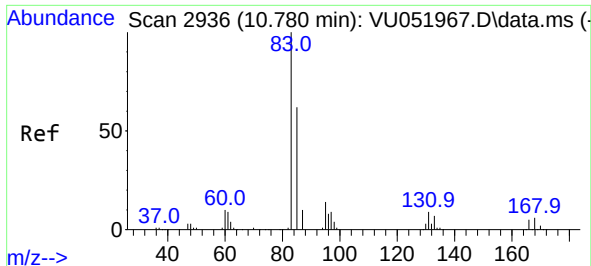
Tgt Ion:106 Resp: 310210
Ion Ratio Lower Upper
106 100
91 216.2 149.7 278.1



#55
Styrene
Concen: 57.718 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion:104 Resp: 556814
Ion Ratio Lower Upper
104 100
78 44.1 30.3 56.3

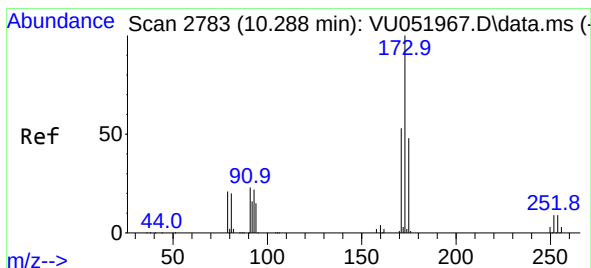
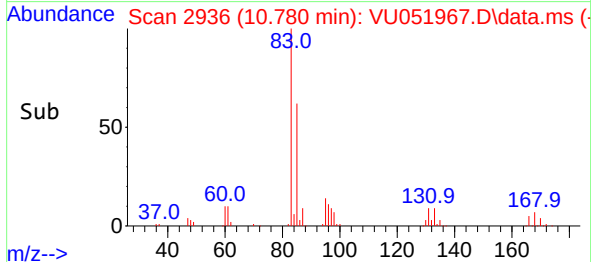
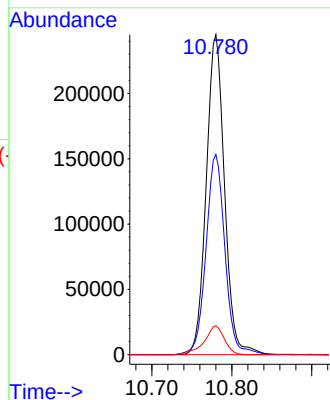
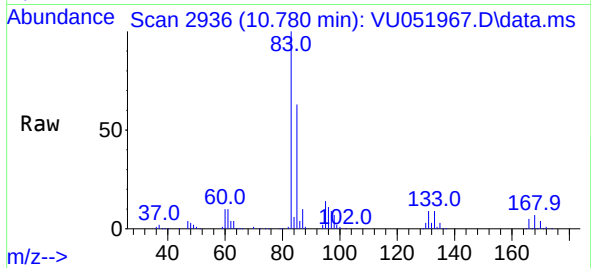




#57
1,1,2,2-Tetrachloroethane
Concen: 53.171 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

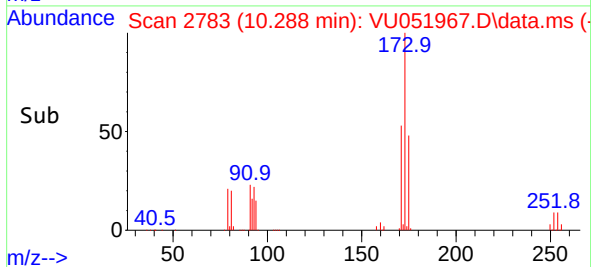
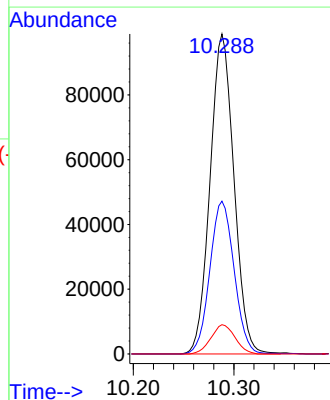
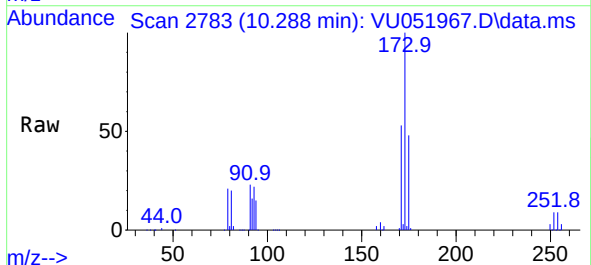
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

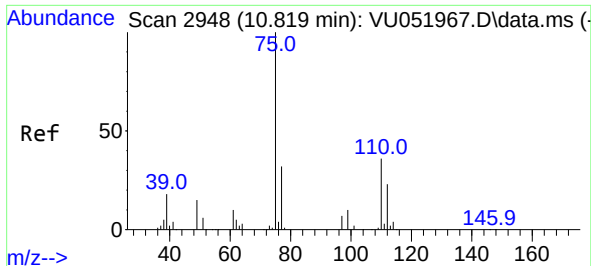
Tgt Ion: 83 Resp: 389796
Ion Ratio Lower Upper
83 100
85 62.6 44.9 83.3
131 9.0 6.8 10.2



#59
Bromoform
Concen: 50.305 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion:173 Resp: 163196
Ion Ratio Lower Upper
173 100
175 48.5 38.9 58.3
254 9.2 7.4 11.2

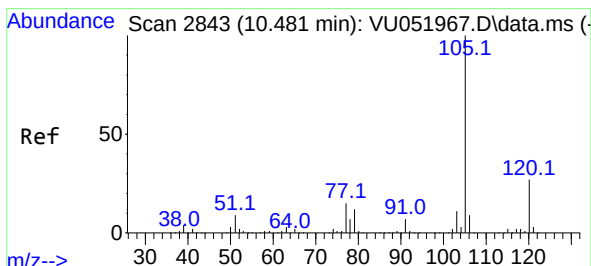
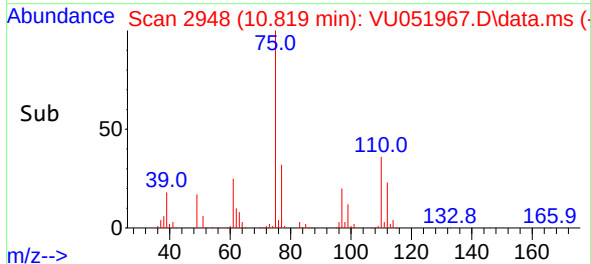
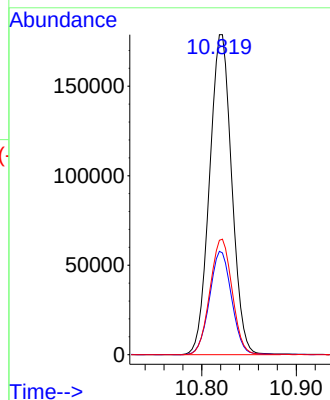
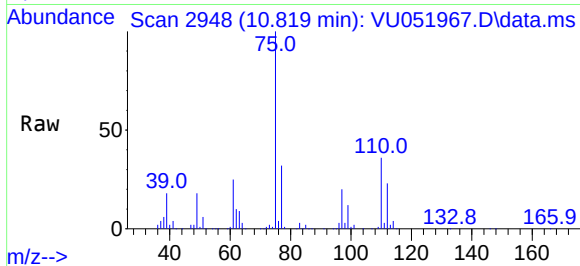




#60
1,2,3-Trichloropropane
Concen: 50.996 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

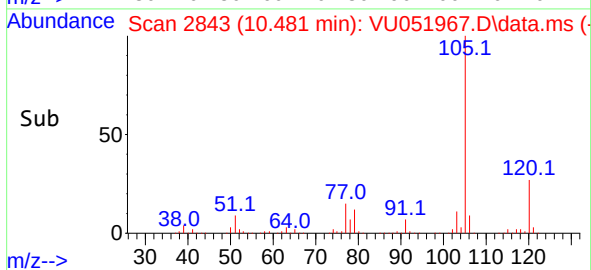
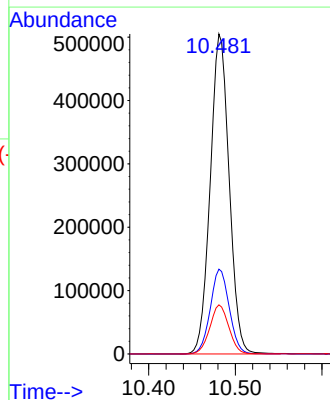
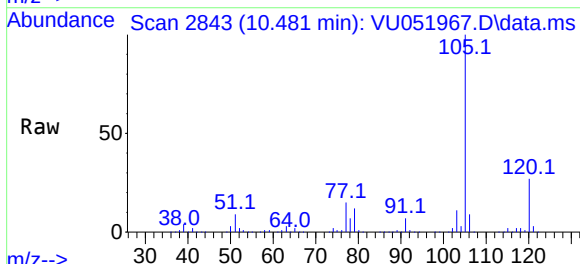
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

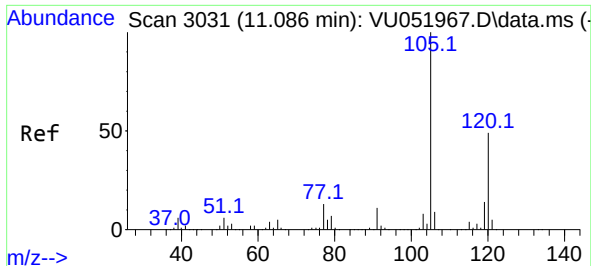
Tgt Ion:	75	Resp:	291884
Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.4
110	36.1	29.0	43.4



#61
Isopropylbenzene
Concen: 54.758 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion:	105	Resp:	765758
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.1	31.7
77	15.4	12.2	18.4

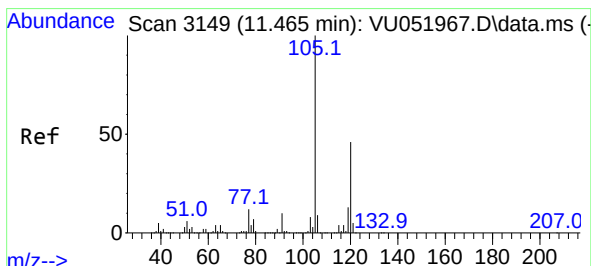
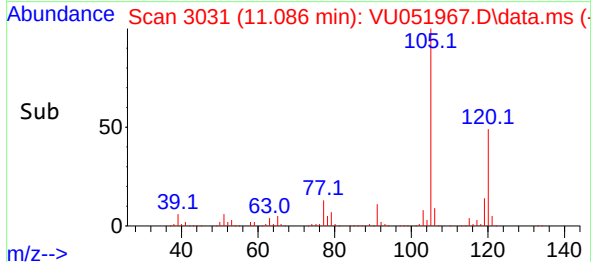
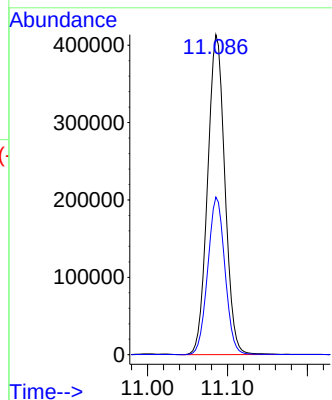
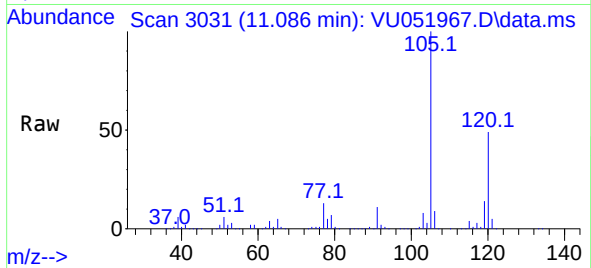




#62
1,3,5-Trimethylbenzene
Concen: 54.577 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

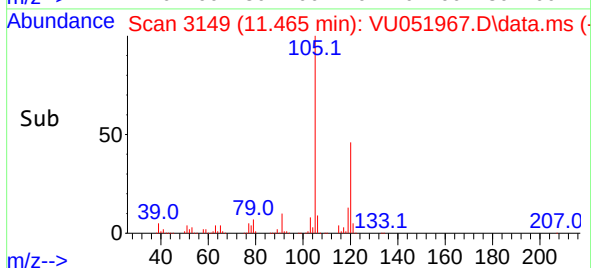
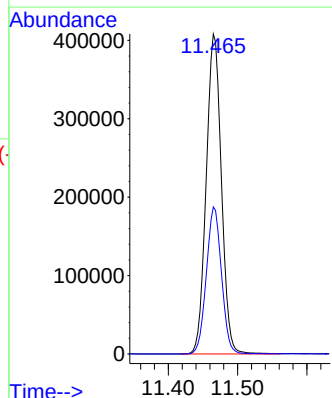
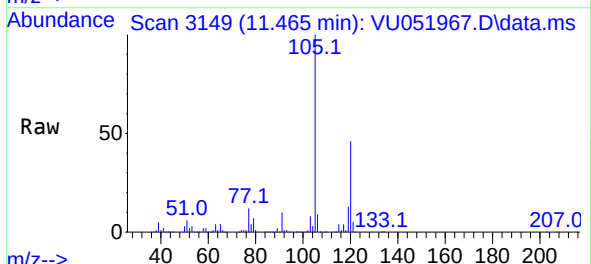
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

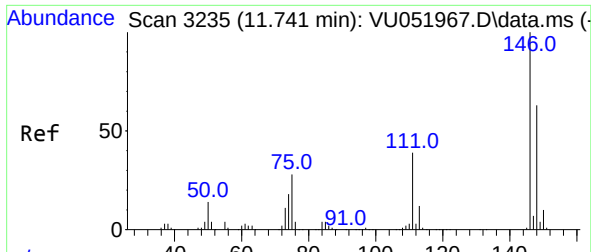
Tgt Ion:105 Resp: 621912
Ion Ratio Lower Upper
105 100
120 49.1 39.1 58.7



#63
1,2,4-Trimethylbenzene
Concen: 55.706 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion:105 Resp: 620181
Ion Ratio Lower Upper
105 100
120 45.6 36.2 54.2

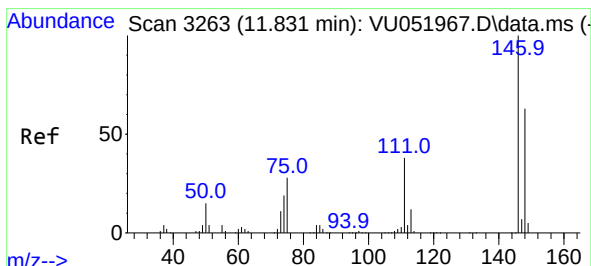
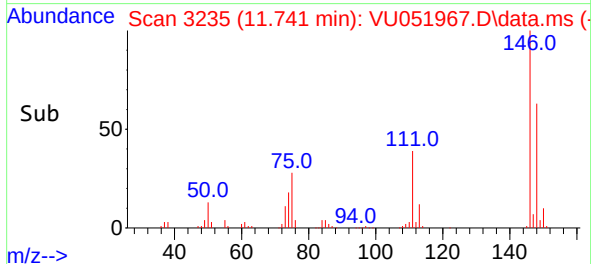
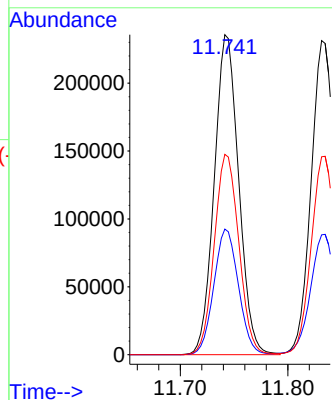
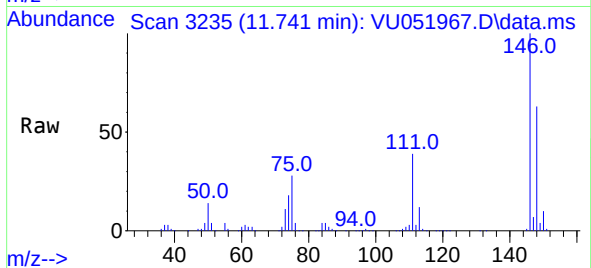




#64
1,3-Dichlorobenzene
Concen: 52.475 ug/L
RT: 11.741 min Scan# 3235
Delta R.T. -0.004 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

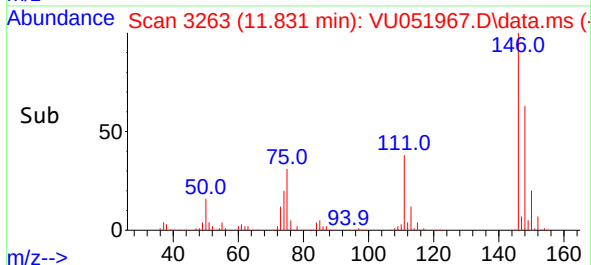
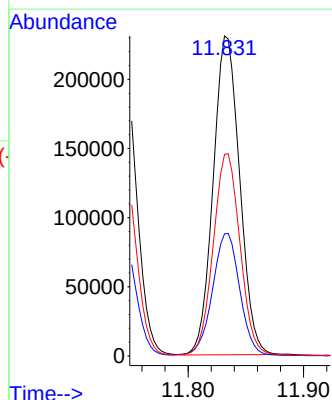
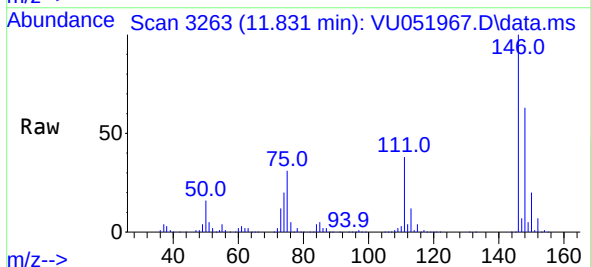
Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

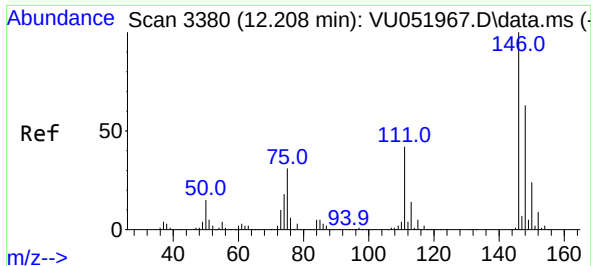
Tgt Ion:146 Resp: 371929
Ion Ratio Lower Upper
146 100
111 39.3 28.1 52.1
148 62.6 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 51.178 ug/L
RT: 11.831 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion:146 Resp: 367340
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.5
148 63.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 52.298 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. -0.003 min

Lab File: VU051967.D

Acq: 20 Nov 2022 11:36

Instrument :

MSVOA_U

ClientSampleId :

VSTD050127

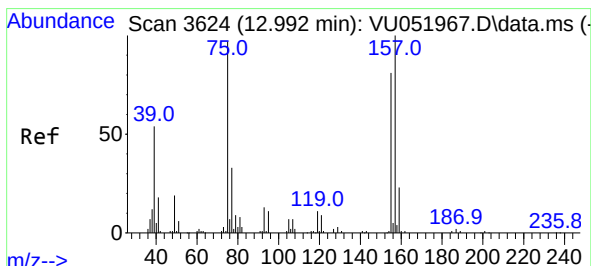
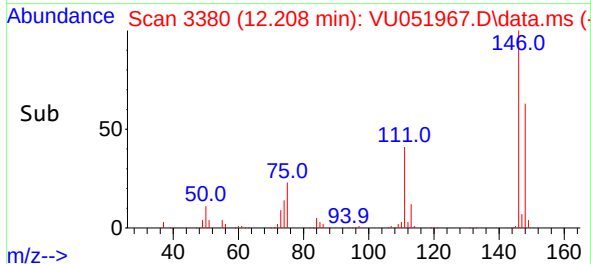
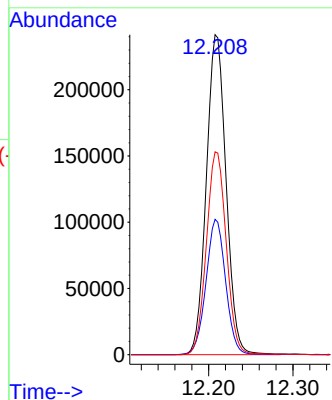
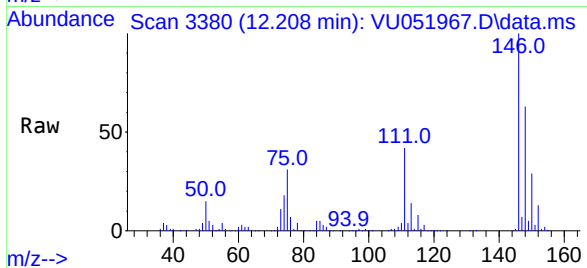
Tgt Ion:146 Resp: 394159

Ion Ratio Lower Upper

146 100

111 42.3 33.6 50.4

148 63.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 48.324 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051967.D

Acq: 20 Nov 2022 11:36

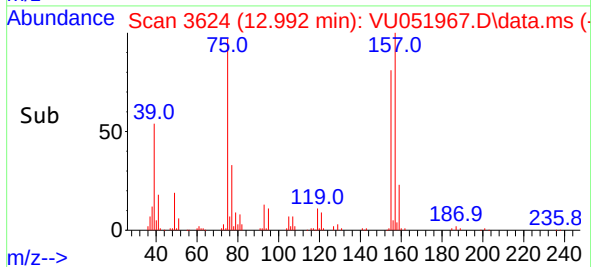
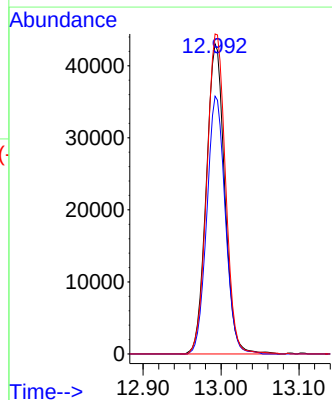
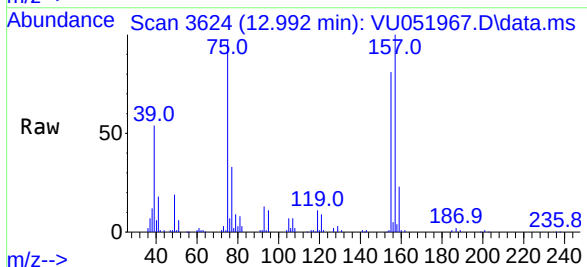
Tgt Ion: 75 Resp: 70815

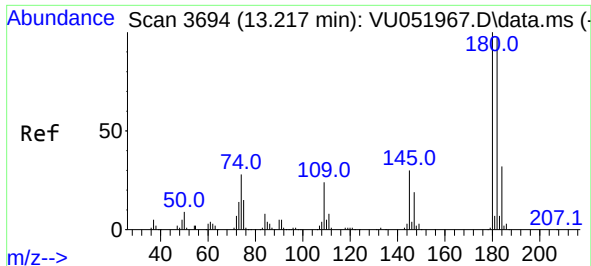
Ion Ratio Lower Upper

75 100

155 83.1 63.0 94.6

157 103.2 79.4 119.0



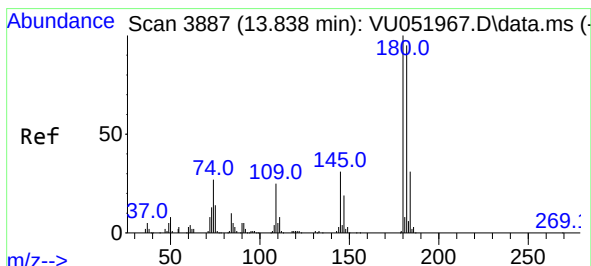
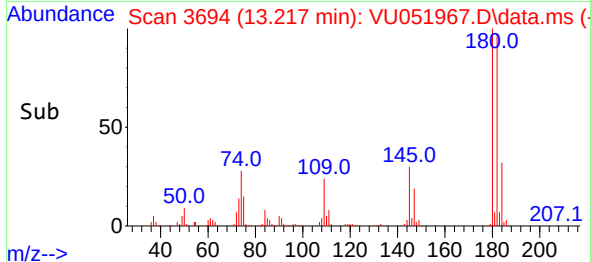
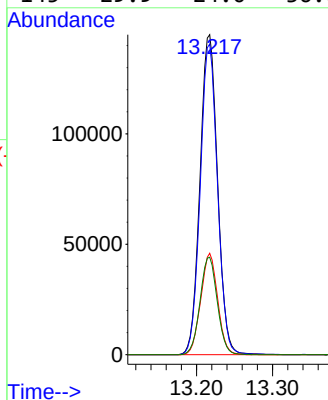
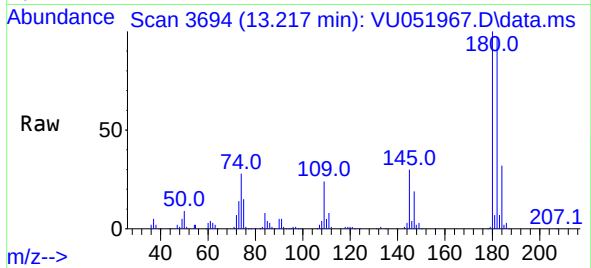


#69
 1,3,5-Trichlorobenzene
 Concen: 49.416 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051967.D
 Acq: 20 Nov 2022 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050127

Tgt Ion:180 Resp: 232369

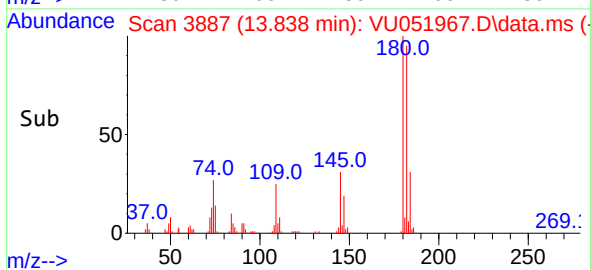
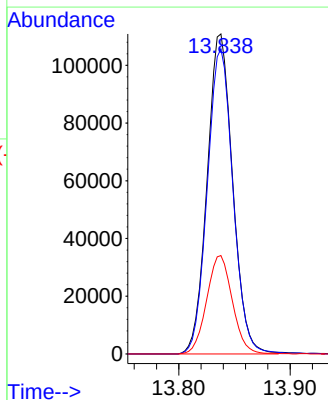
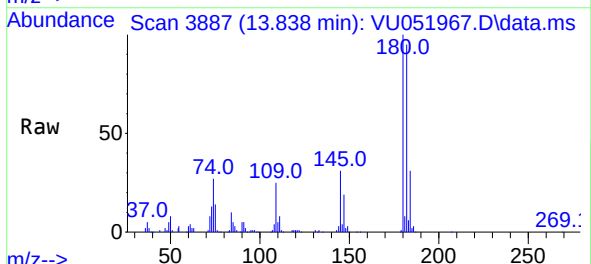
Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.0	115.4
184	30.5	23.8	35.8
145	29.9	24.0	36.0

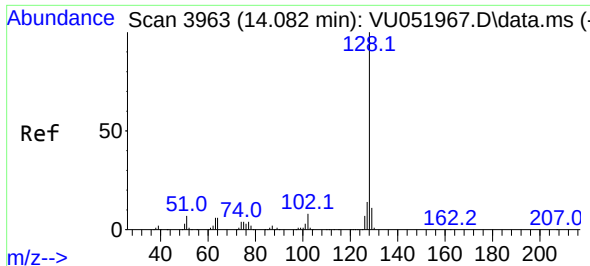


#70
 1,2,4-trichlorobenzene
 Concen: 47.424 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051967.D
 Acq: 20 Nov 2022 11:36

Tgt Ion:180 Resp: 176761

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.4	114.6
145	30.8	24.2	36.2



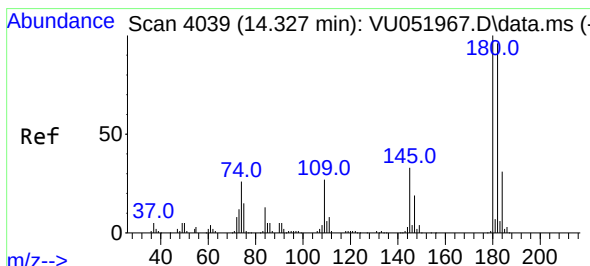
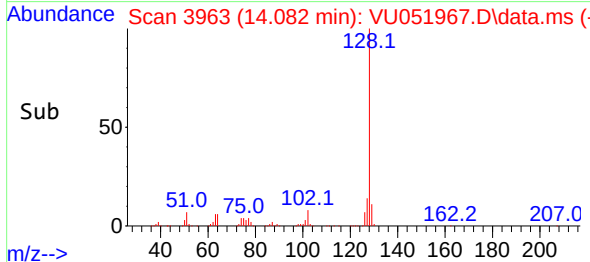
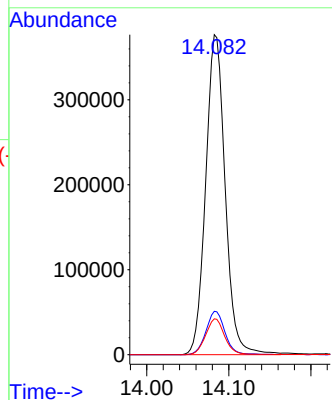
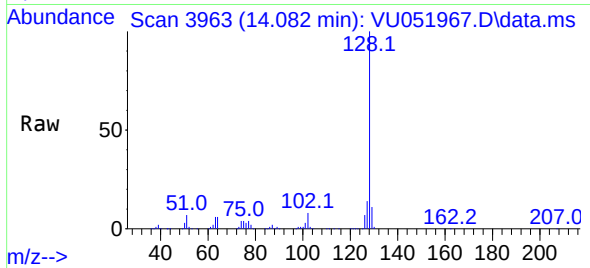


#71
Naphthalene
Concen: 50.818 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Instrument :
MSVOA_U
ClientSampleId :
VSTD050127

Tgt Ion:128 Resp: 622931

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.1	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 52.149 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051967.D
Acq: 20 Nov 2022 11:36

Tgt Ion:180 Resp: 212739

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.9	115.3
145	32.2	24.9	37.3

