

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051567.D
 Acq On : 28 Oct 2022 14:26
 Operator : JC/MD
 Sample : VSTD01065
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010065

Quant Time: Oct 28 22:31:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 22:30:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	232010	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	231993	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	123971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	179488	10.272	ug/L	0.00
7) Chloroethane-d5	1.909	69	190879	10.474	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	65	66002	10.408	ug/L	0.00
20) 2-Butanone-d5	4.629	46	691078	109.204	ug/L	0.00
24) Chloroform-d	5.060	84	428461	10.478	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	221257	10.017	ug/L	0.00
32) Benzene-d6	5.726	84	791706	10.814	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	268472	10.487	ug/L	0.00
41) Toluene-d8	7.896	98	640114	11.118	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	84244	10.763	ug/L	0.00
46) 2-Hexanone-d5	8.632	63	580781	123.255	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	248391	10.588	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	236001	10.372	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	279041	10.997	ug/L	99
3) Chloromethane	1.523	50	320100	10.008	ug/L	99
5) Vinyl chloride	1.600	62	327123	10.677	ug/L	98
6) Bromomethane	1.855	94	150922	10.389	ug/L	99
8) Chloroethane	1.932	64	194276	10.442	ug/L	99
9) Trichlorofluoromethane	2.134	101	364570	10.840	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	219722	11.112	ug/L	98
12) 1,1-Dichloroethene	2.575	96	214538	10.637	ug/L	94
13) Acetone	2.645	43	328837	102.413	ug/L	99
14) Carbon disulfide	2.790	76	687281	10.570	ug/L	99
15) Methyl Acetate	2.954	43	86889	10.336	ug/L	98
16) Methylene chloride	3.044	84	254616	7.707	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	493926	10.680	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	230932	10.668	ug/L	99
19) 1,1-Dichloroethane	3.864	63	420493	10.532	ug/L	97
21) 2-Butanone	4.710	43	566570	112.676	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	257297	10.742	ug/L	99
23) Bromochloromethane	4.973	128	114139	10.192	ug/L	98
25) Chloroform	5.086	83	426765	10.303	ug/L	98
27) 1,2-Dichloroethane	5.790	62	261936	10.276	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	345851	10.980	ug/L	99
30) Cyclohexane	5.385	56	351969	12.135	ug/L	100
31) Carbon tetrachloride	5.523	117	292890	10.872	ug/L	100
33) Benzene	5.771	78	994637	10.864	ug/L	100
34) Trichloroethene	6.539	95	237906	10.768	ug/L	99
35) Methylcyclohexane	6.761	83	379615	12.427	ug/L	98
37) 1,2-Dichloropropane	6.790	63	254312	10.800	ug/L	99
38) Bromodichloromethane	7.102	83	306352	10.651	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	338996	11.221	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	1368447	115.864	ug/L	99
42) Toluene	7.967	91	1062098	11.296	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	286803	11.360	ug/L	100

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

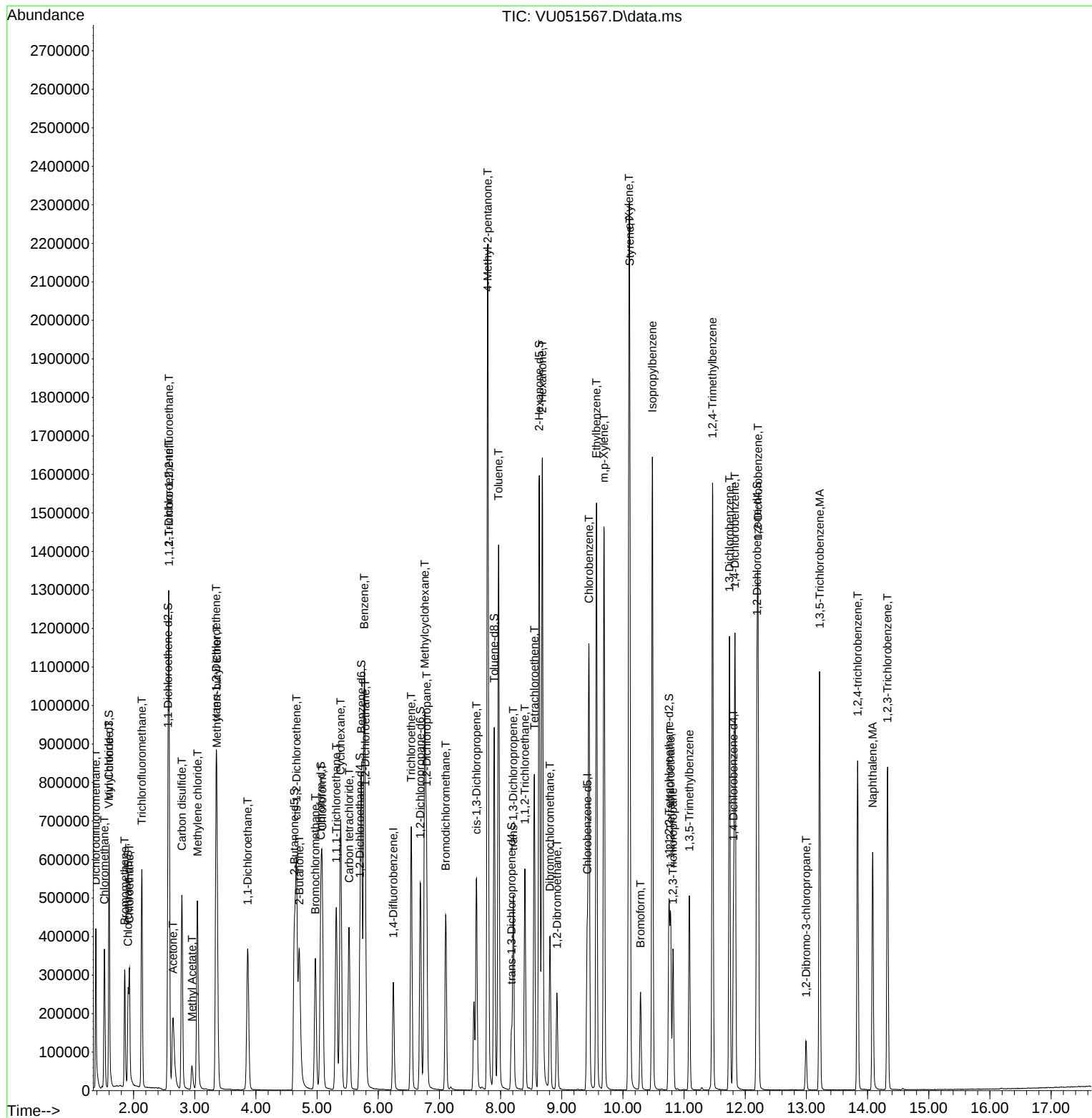
45) 1,1,2-Trichloroethane	8.398	97	182270	10.563	ug/L	98
47) Tetrachloroethene	8.552	164	185072	10.937	ug/L	96
48) 2-Hexanone	8.684	43	1000271	114.416	ug/L	99
49) Dibromochloromethane	8.809	129	210521	10.680	ug/L	99
50) 1,2-Dibromoethane	8.922	107	167286	10.746	ug/L	93
51) Chlorobenzene	9.446	112	641099	10.834	ug/L	99
52) Ethylbenzene	9.568	91	1061031	11.696	ug/L	99
53) m,p-Xylene	9.690	106	428708	12.166	ug/L	99
54) o-Xylene	10.099	106	412372	11.974	ug/L	100
55) Styrene	10.111	104	712873	12.382	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	228337	10.672	ug/L	98
59) Bromoform	10.288	173	117794	10.283	ug/L	99
60) Isopropylbenzene	10.481	105	1053810	11.644	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	159300	9.937	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	278218	11.419	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	862842	12.282	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	483647	10.734	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	475792	10.532	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	457155	10.417	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	33404	10.119	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	342858	10.676	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	264907	10.745	ug/L	98
71) Naphthalene	14.082	128	505233	10.978	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	269318	10.818	ug/L	99

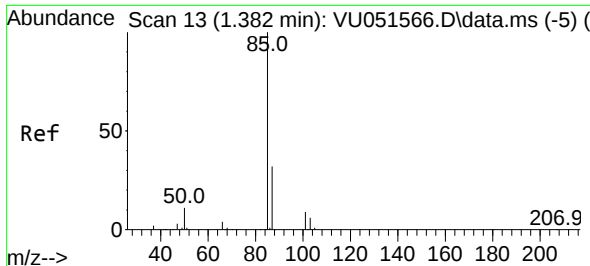
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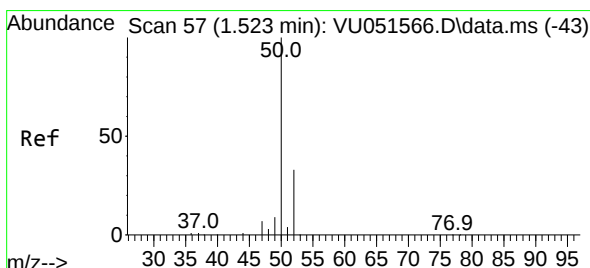
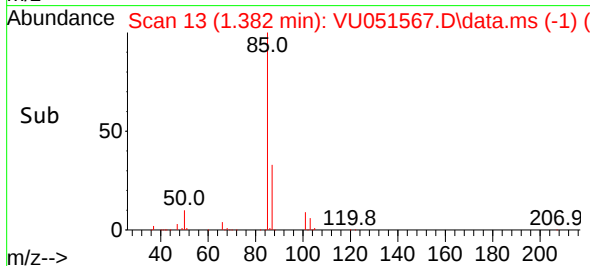
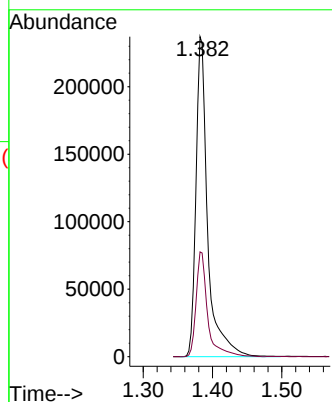
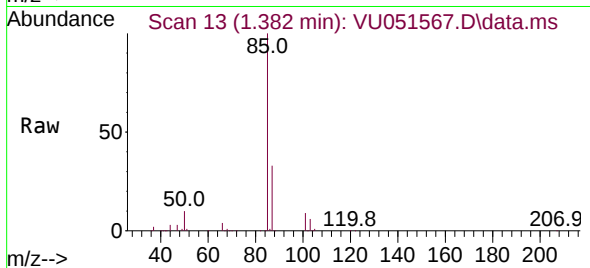




#2
Dichlorodifluoromethane
Concen: 10.997 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

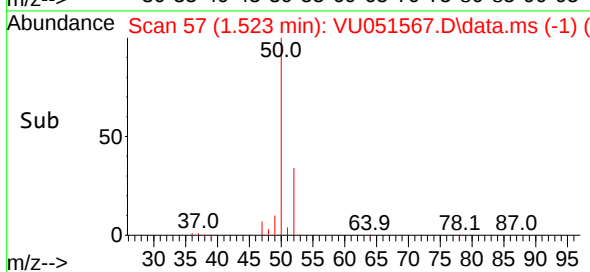
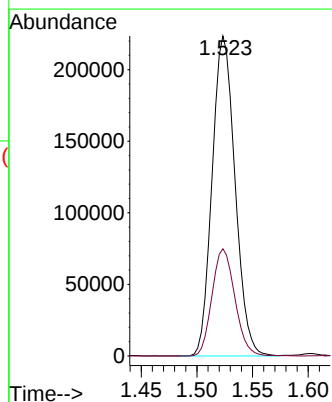
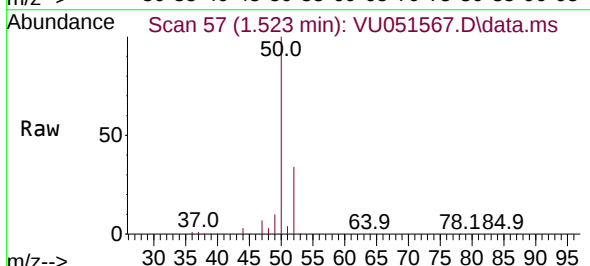
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

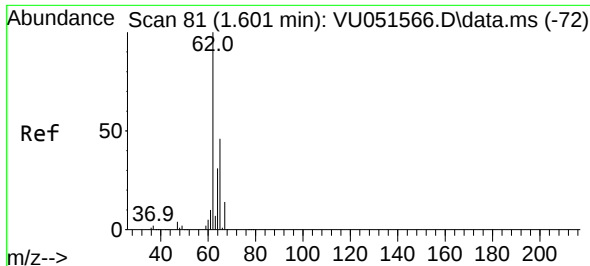
Tgt Ion: 85 Resp: 279041
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 10.008 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 50 Resp: 320100
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

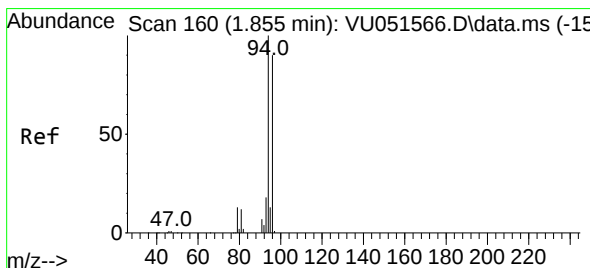
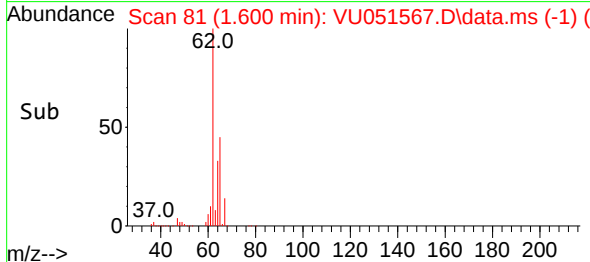
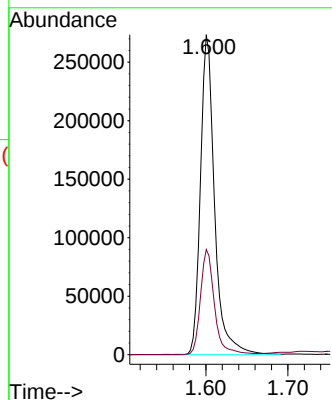
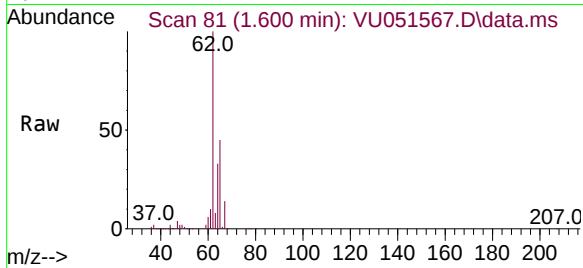




#5
 Vinyl chloride
 Concen: 10.677 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051567.D
 Acq: 28 Oct 2022 14:26

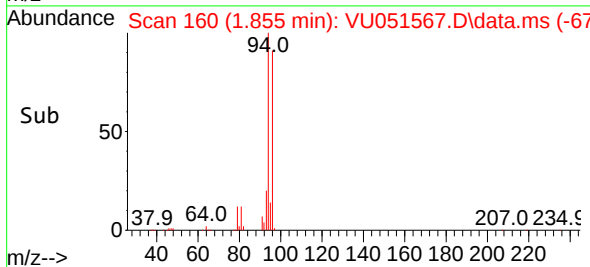
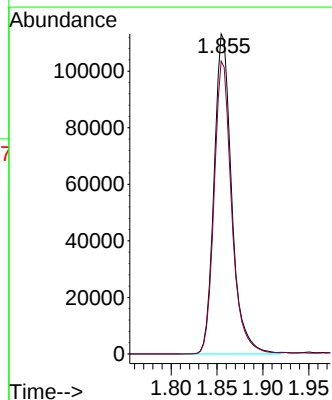
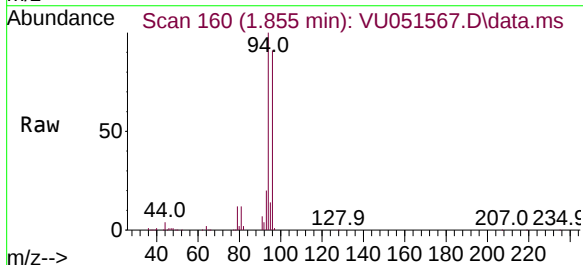
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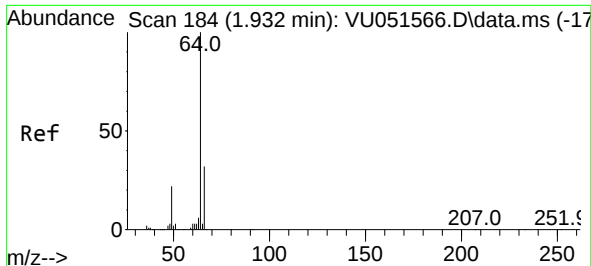
Tgt Ion: 62 Resp: 327123
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.1 41.1



#6
 Bromomethane
 Concen: 10.389 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU051567.D
 Acq: 28 Oct 2022 14:26

Tgt Ion: 94 Resp: 150922
 Ion Ratio Lower Upper
 94 100
 96 91.5 63.2 117.4

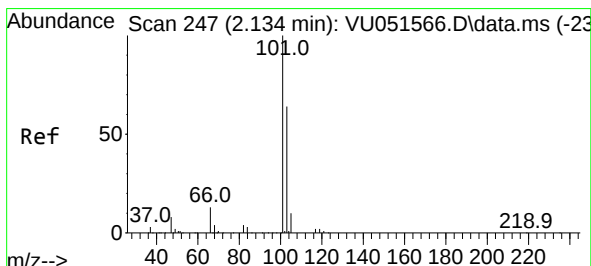
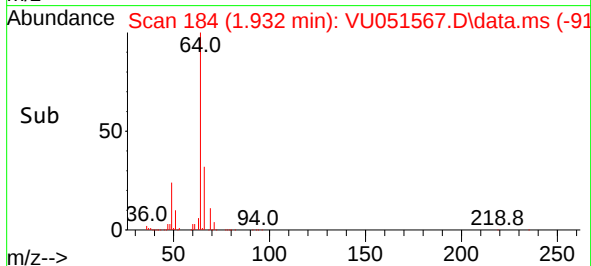
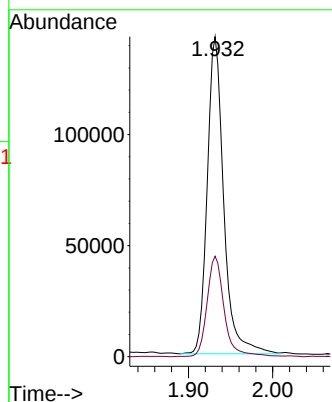
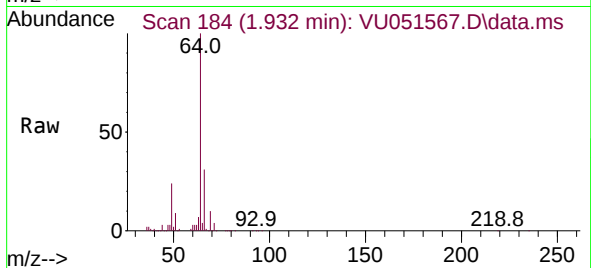




#8
Chloroethane
Concen: 10.442 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

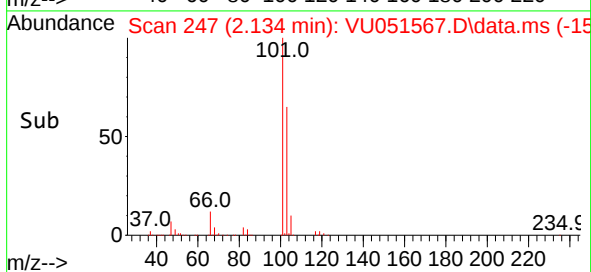
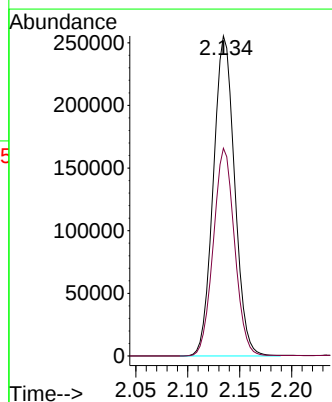
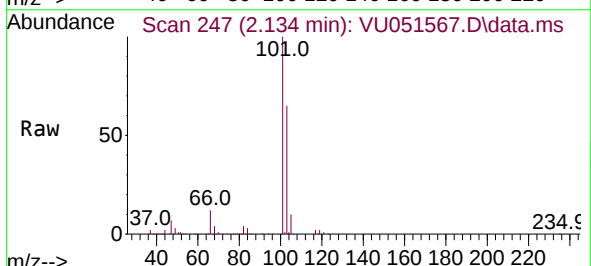
Instrument :
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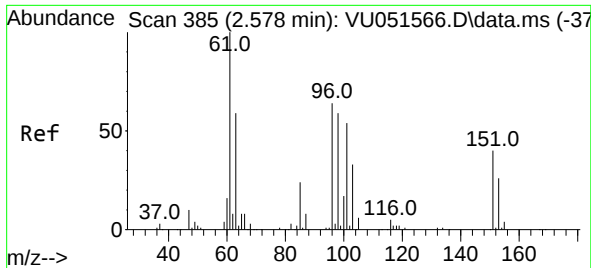
Tgt Ion: 64 Resp: 194276
Ion Ratio Lower Upper
64 100
66 31.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 10.840 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion:101 Resp: 364570
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.6

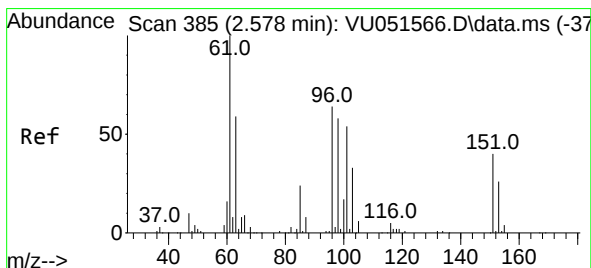
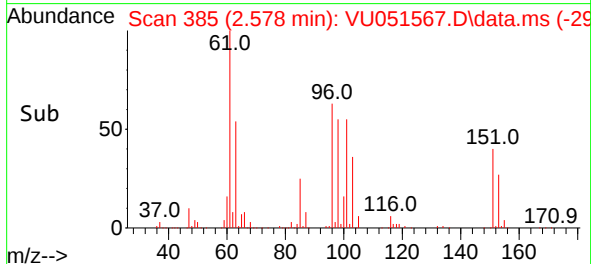
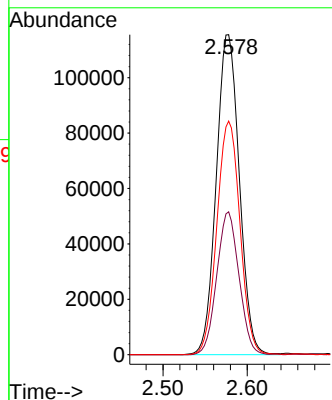
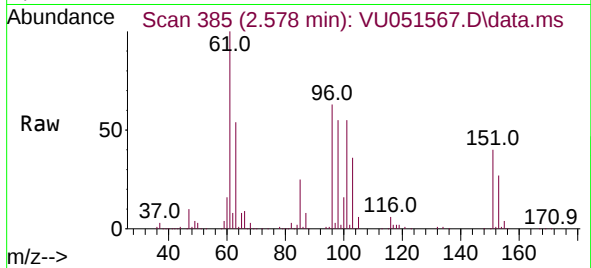




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.112 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051567.D
 Acq: 28 Oct 2022 14:26

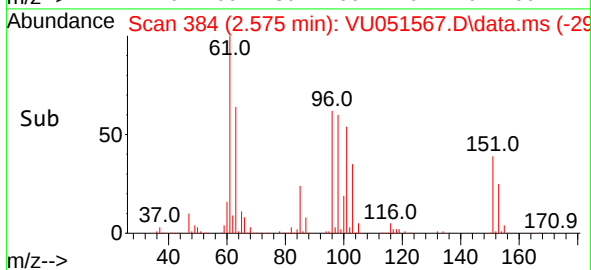
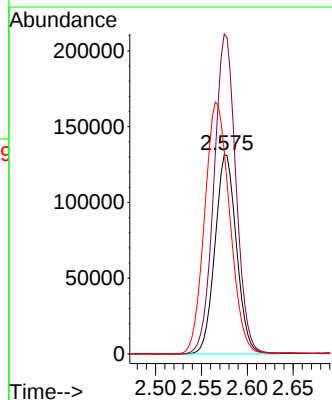
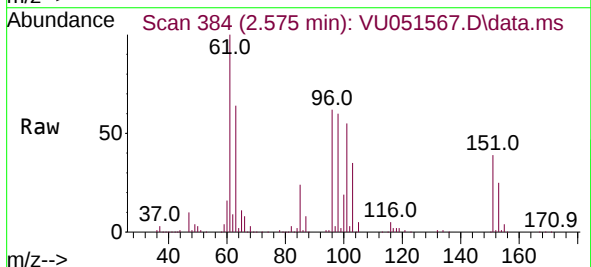
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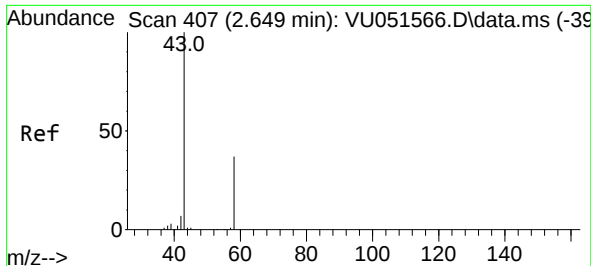
Tgt Ion:101 Resp: 219722
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.6 53.4
 151 73.1 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 10.637 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051567.D
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Tgt Ion: 96 Resp: 214538
 Ion Ratio Lower Upper
 96 100
 61 160.7 108.8 202.0
 63 102.2 64.9 120.5





#13

Acetone

Concen: 102.413 ug/L

RT: 2.645 min Scan# 406

Delta R.T. -0.003 min

Lab File: VU051567.D

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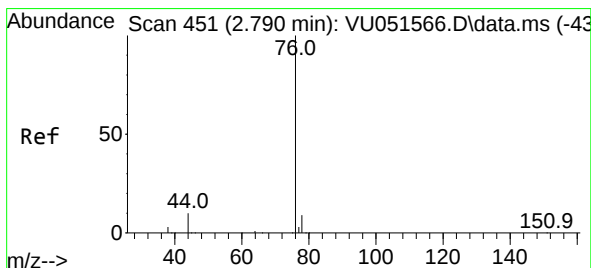
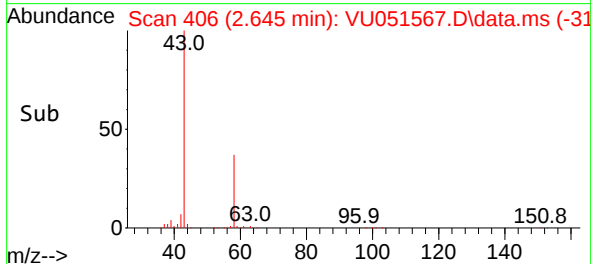
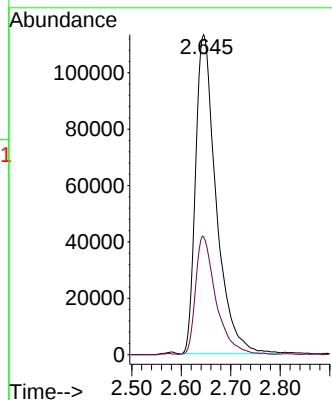
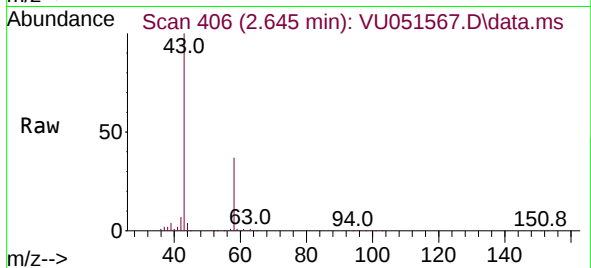
VSTD010065

Tgt Ion: 43 Resp: 328837

Ion Ratio Lower Upper

43 100

58 36.4 0.0 73.8



#14

Carbon disulfide

Concen: 10.570 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051567.D

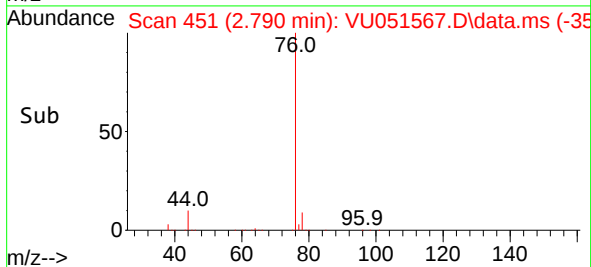
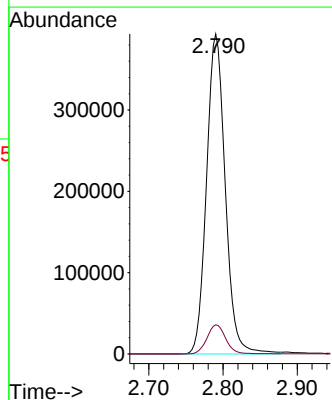
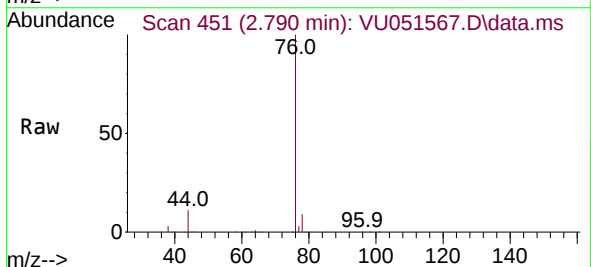
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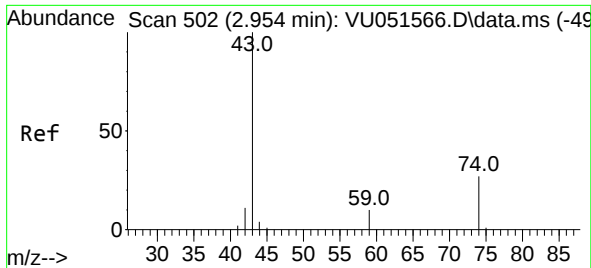
Tgt Ion: 76 Resp: 687281

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

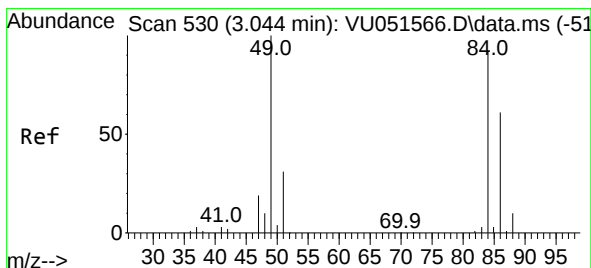
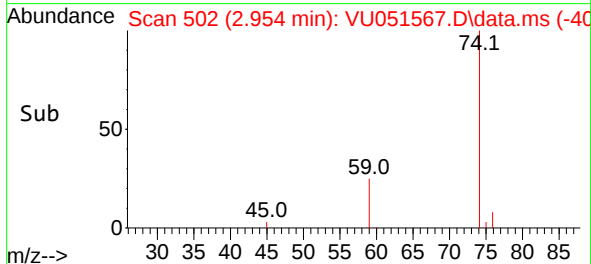
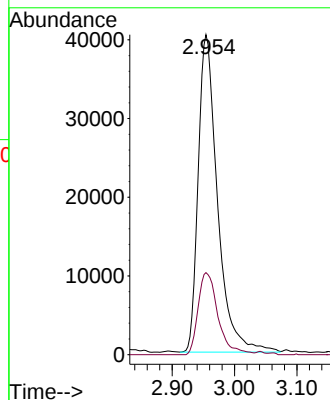
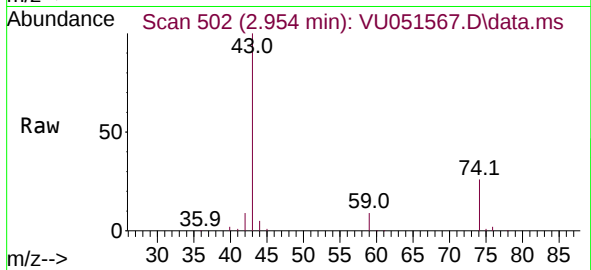




#15
Methyl Acetate
Concen: 10.336 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

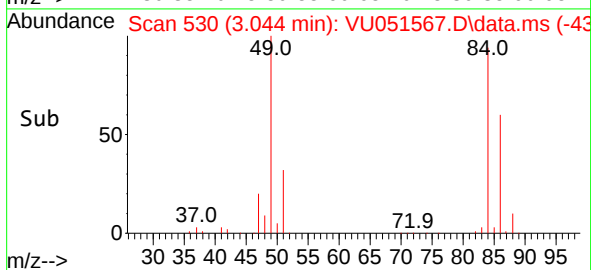
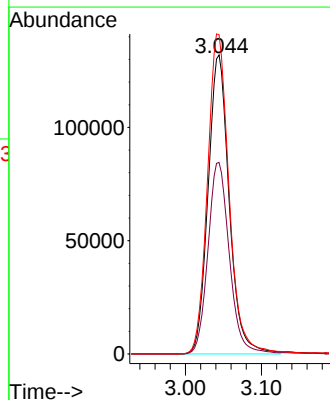
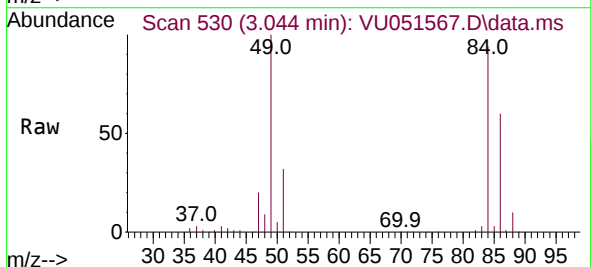
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

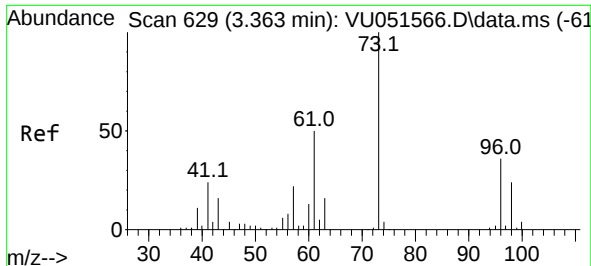
Tgt Ion: 43 Resp: 86889
Ion Ratio Lower Upper
43 100
74 26.6 20.2 30.4



#16
Methylene chloride
Concen: 7.707 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 84 Resp: 254616
Ion Ratio Lower Upper
84 100
86 64.1 46.3 85.9
49 106.7 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 10.680 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD010065

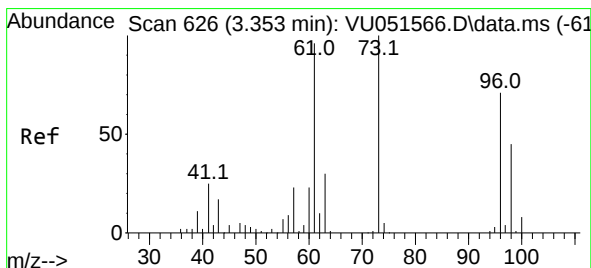
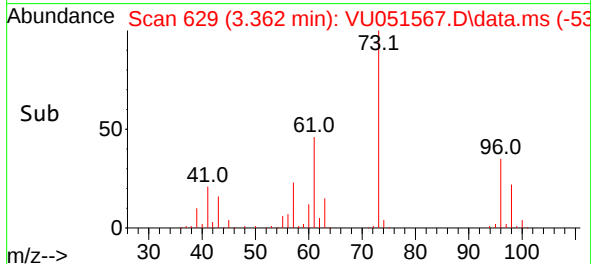
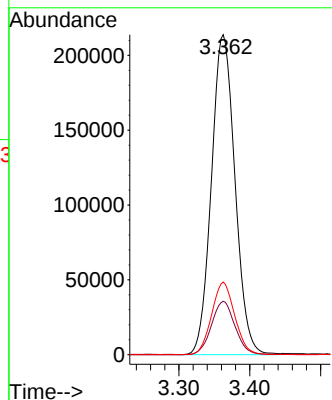
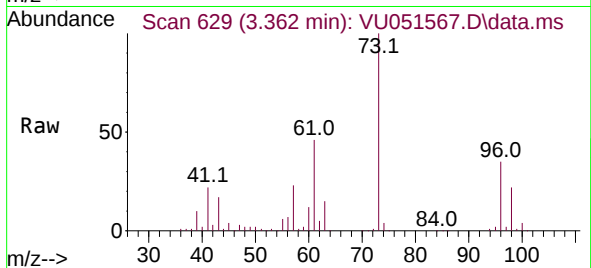
Tgt Ion: 73 Resp: 493926

Ion Ratio Lower Upper

73 100

43 16.5 13.6 20.4

57 22.2 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 10.668 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

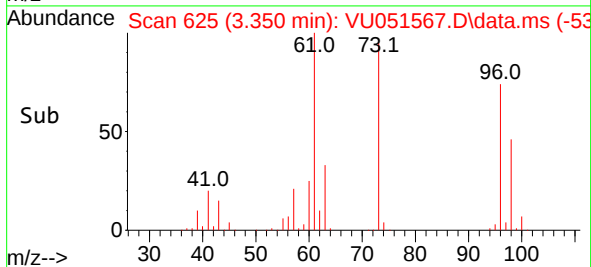
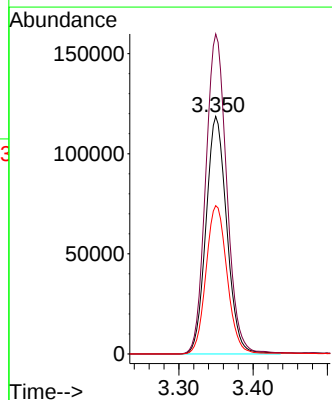
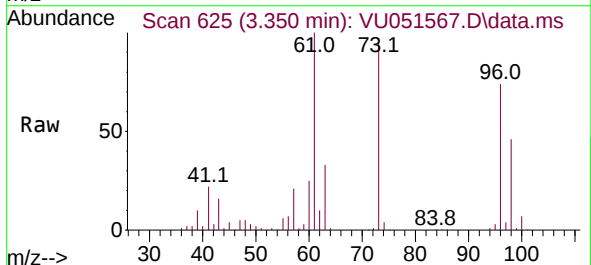
Tgt Ion: 96 Resp: 230932

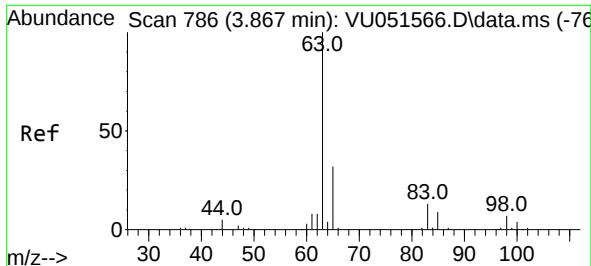
Ion Ratio Lower Upper

96 100

61 134.7 94.7 175.9

98 62.5 44.2 82.0





#19

1,1-Dichloroethane

Concen: 10.532 ug/L

RT: 3.864 min Scan# 785

Delta R.T. -0.003 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD010065

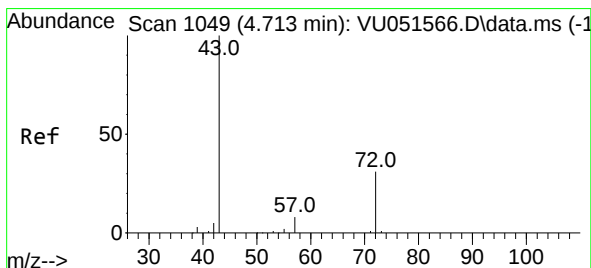
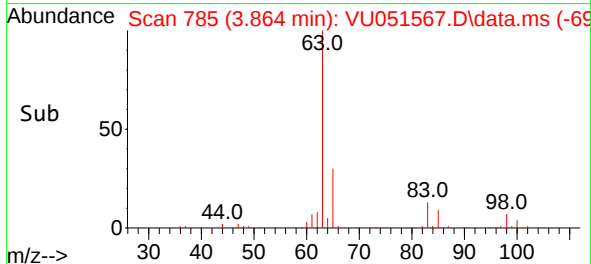
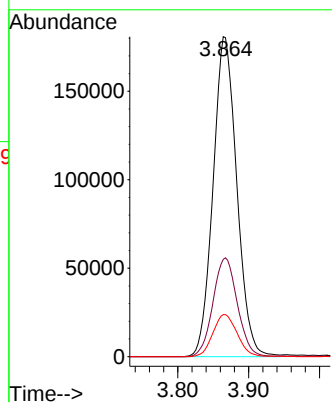
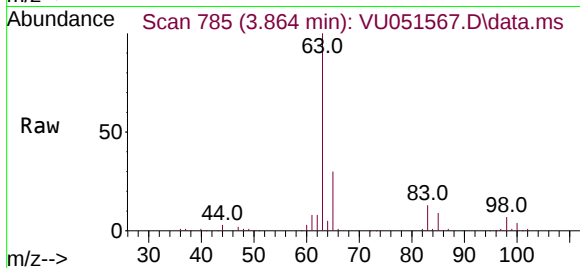
Tgt Ion: 63 Resp: 420493

Ion Ratio Lower Upper

63 100

65 30.4 22.7 42.1

83 13.2 9.2 17.0



#21

2-Butanone

Concen: 112.676 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU051567.D

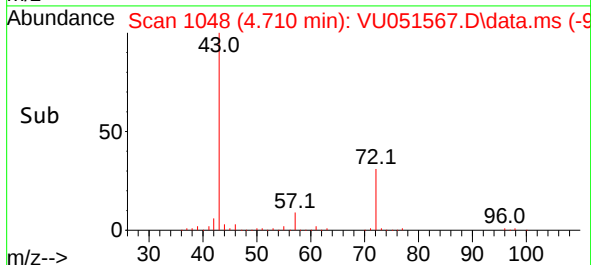
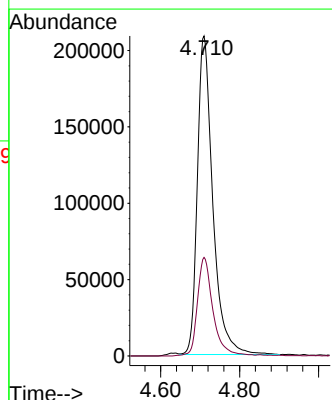
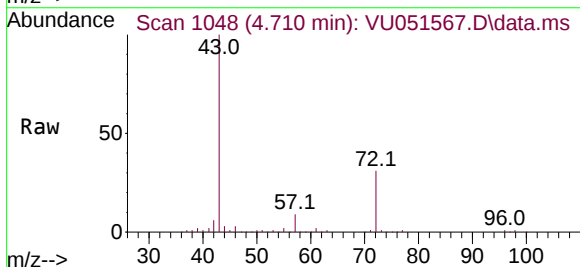
Acq: 28 Oct 2022 14:26

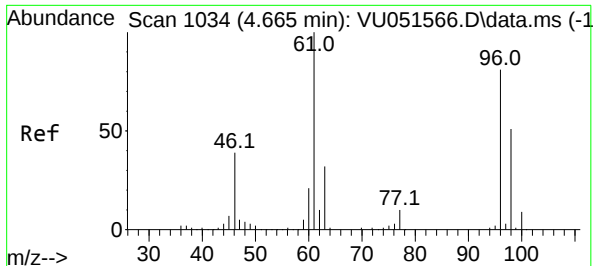
Tgt Ion: 43 Resp: 566570

Ion Ratio Lower Upper

43 100

72 31.1 16.2 48.5

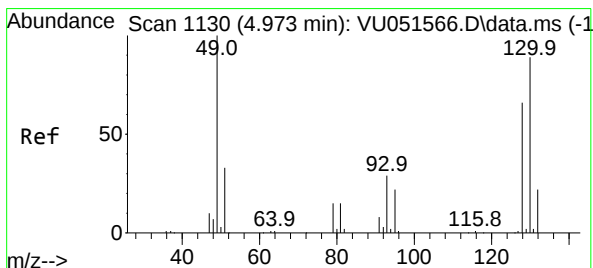
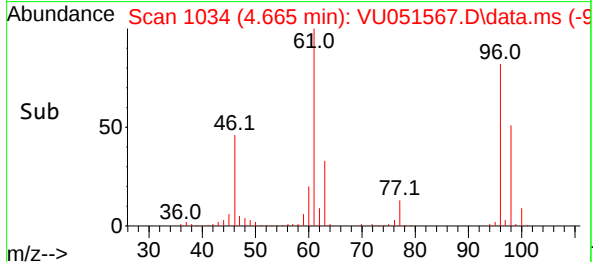
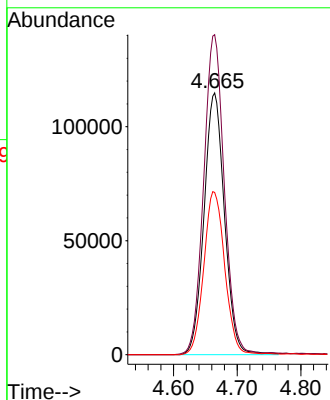
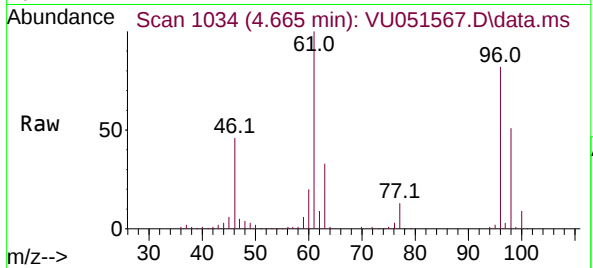




#22
 cis-1,2-Dichloroethene
 Concen: 10.742 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051567.D
 Acq: 28 Oct 2022 14:26

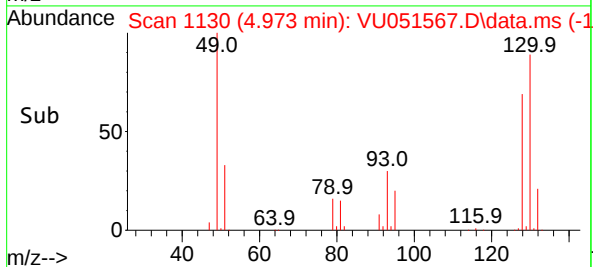
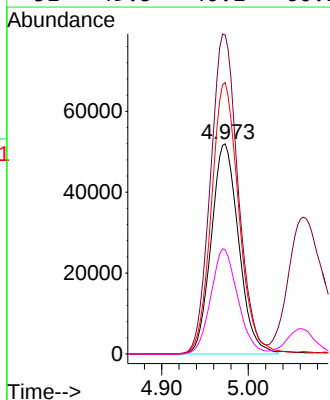
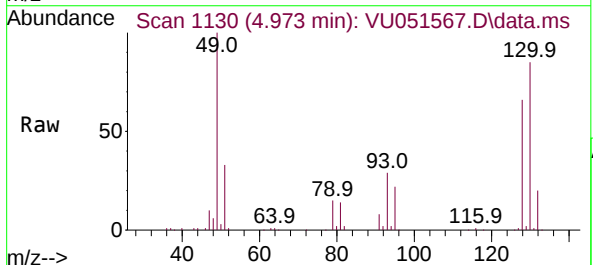
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010065

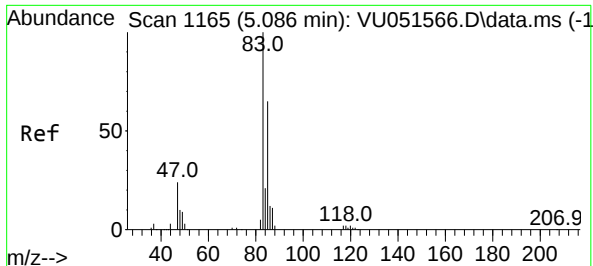
Tgt Ion: 96 Resp: 257297
 Ion Ratio Lower Upper
 96 100
 61 122.2 86.4 160.4
 98 62.0 44.2 82.2



#23
 Bromochloromethane
 Concen: 10.192 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051567.D
 Acq: 28 Oct 2022 14:26

Tgt Ion: 128 Resp: 114139
 Ion Ratio Lower Upper
 128 100
 49 151.8 105.5 195.9
 130 129.2 93.5 173.7
 51 49.5 40.1 60.1

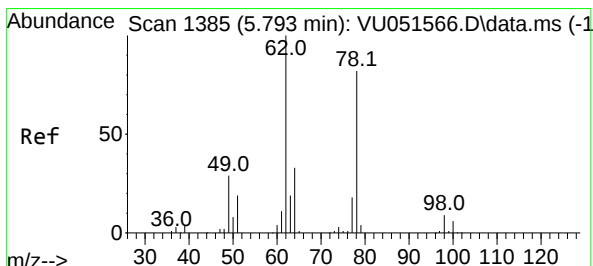
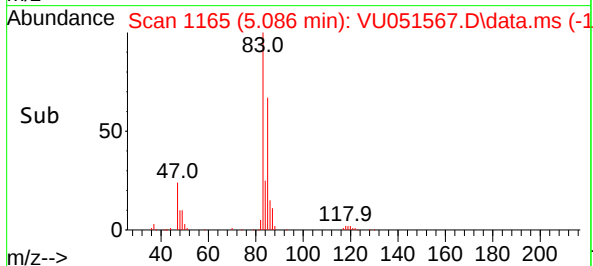
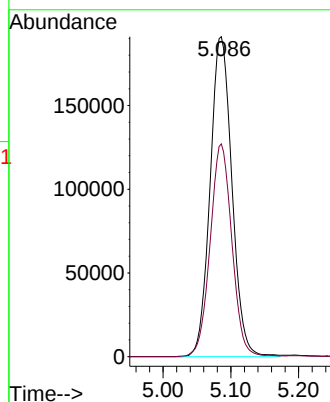
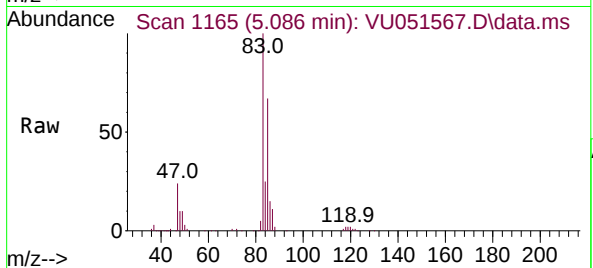




#25
Chloroform
Concen: 10.303 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

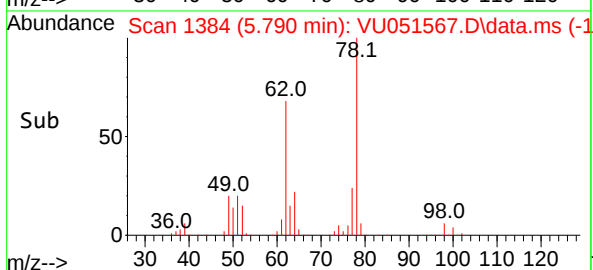
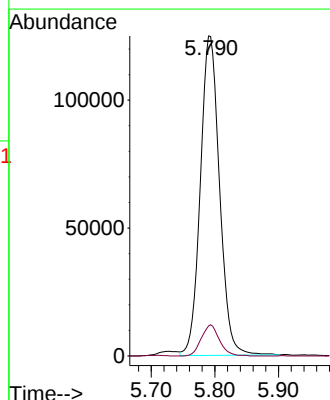
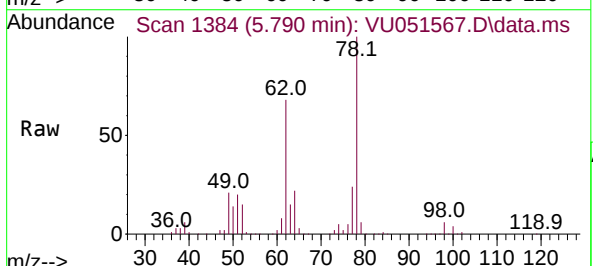
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

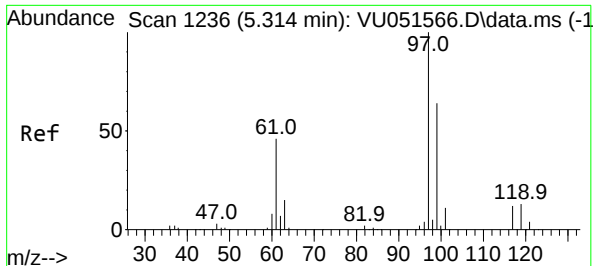
Tgt Ion: 83 Resp: 426765
Ion Ratio Lower Upper
83 100
85 66.5 45.2 84.0



#27
1,2-Dichloroethane
Concen: 10.276 ug/L
RT: 5.790 min Scan# 1384
Delta R.T. -0.003 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 62 Resp: 261936
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 10.980 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD010065

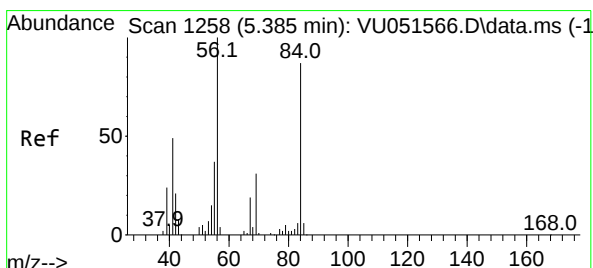
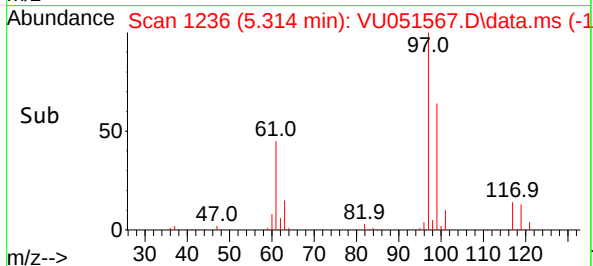
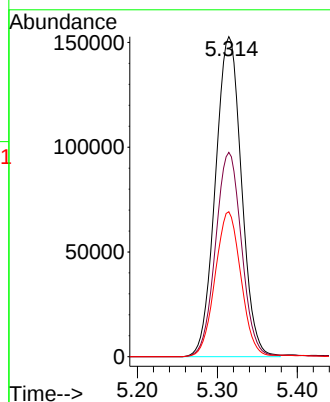
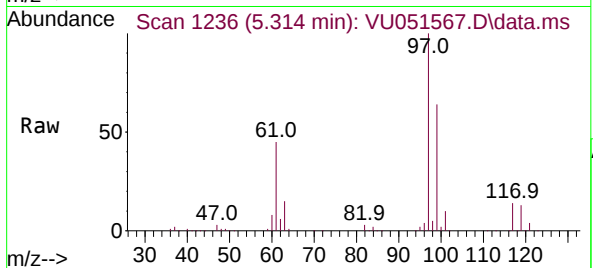
Tgt Ion: 97 Resp: 345851

Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

61 44.9 37.4 56.0



#30

Cyclohexane

Concen: 12.135 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

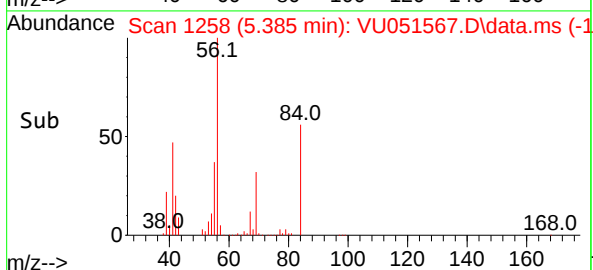
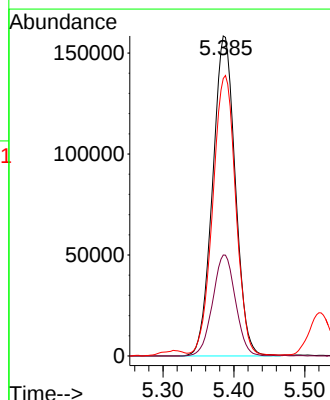
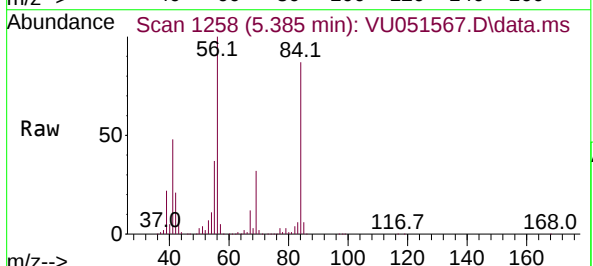
Tgt Ion: 56 Resp: 351969

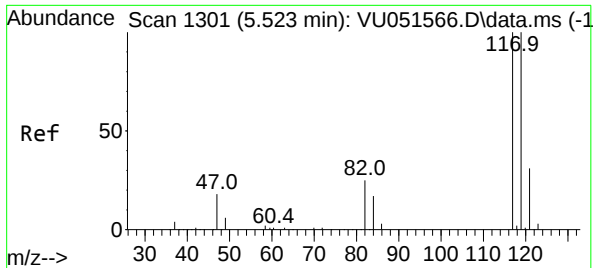
Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 89.1 71.4 107.0

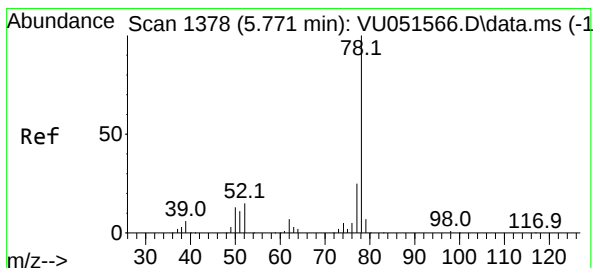
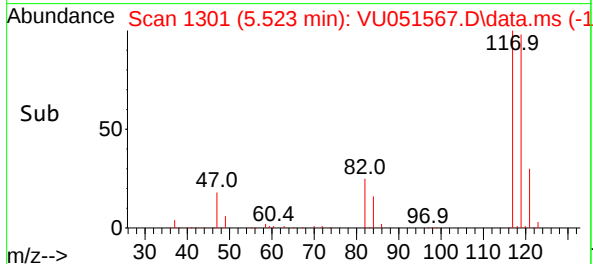
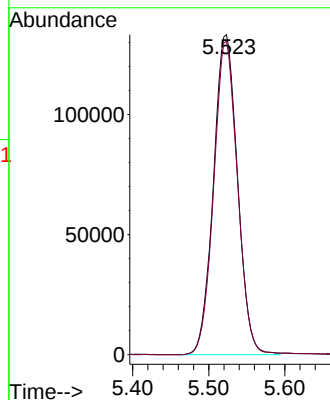
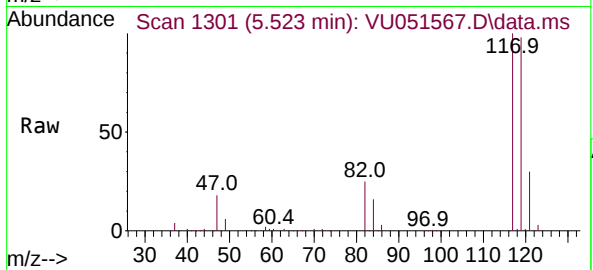




#31
Carbon tetrachloride
Concen: 10.872 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

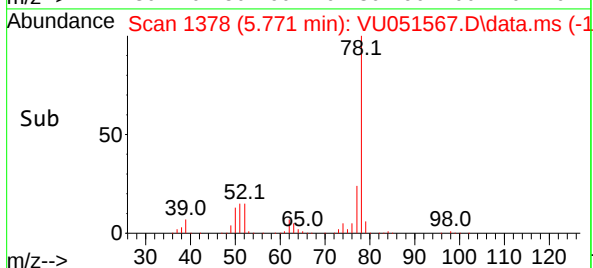
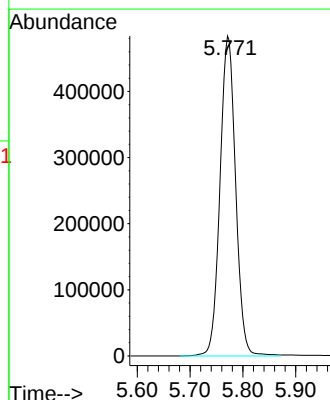
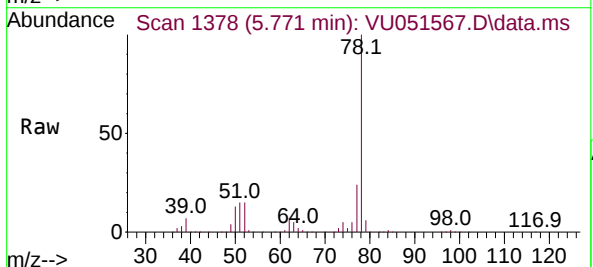
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

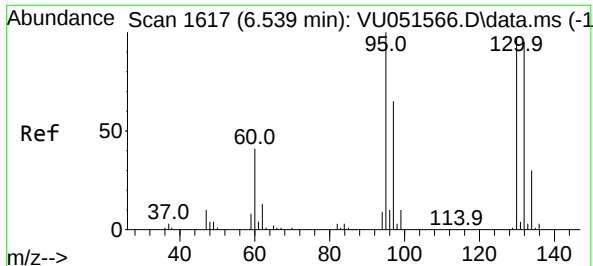
Tgt Ion:117 Resp: 292890
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3



#33
Benzene
Concen: 10.864 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 78 Resp: 994637

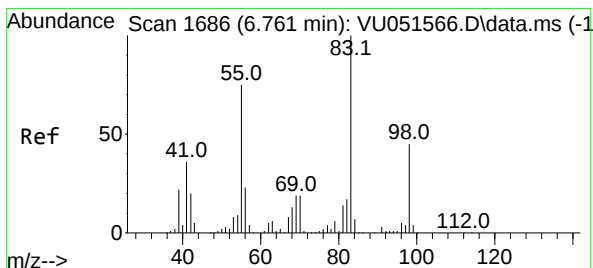
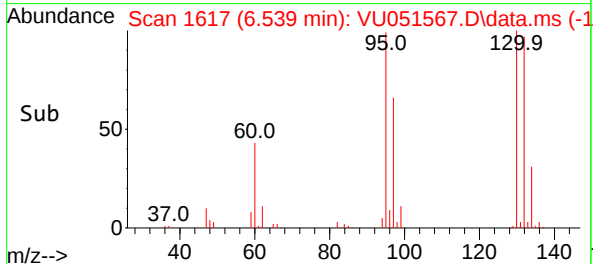
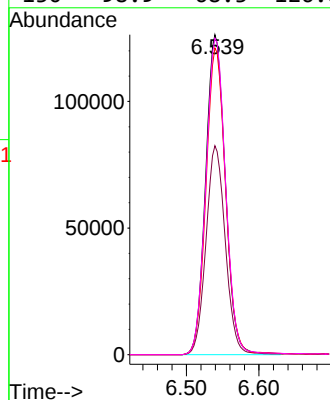
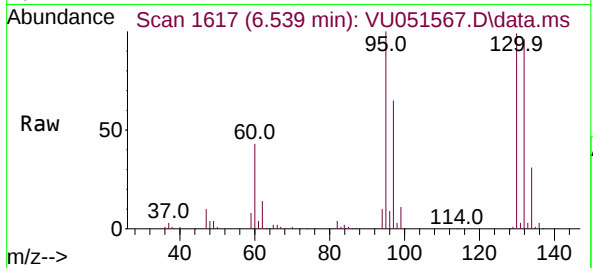




#34
Trichloroethene
Concen: 10.768 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

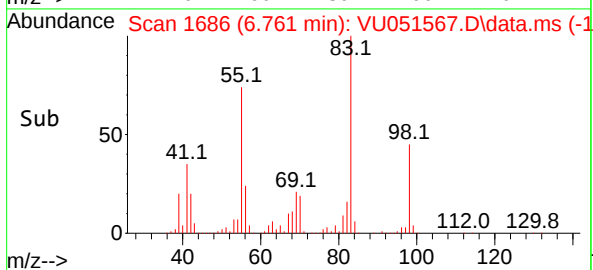
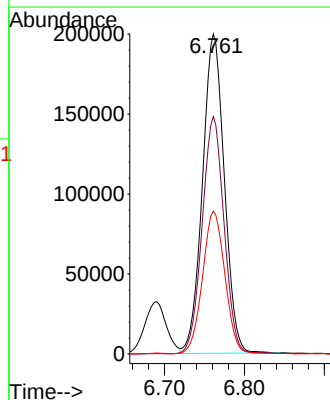
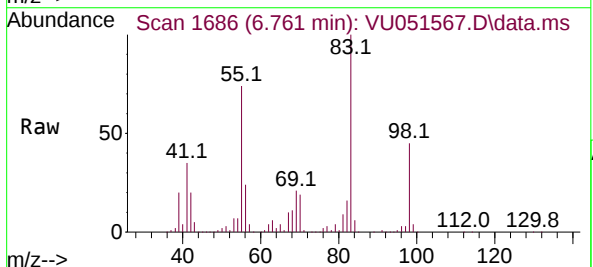
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

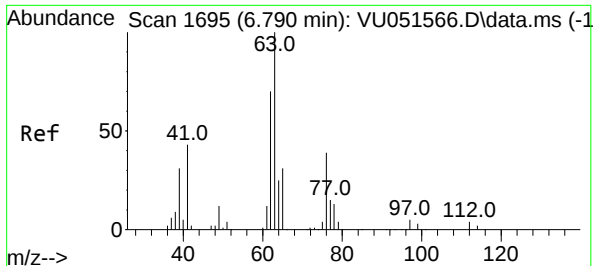
Tgt Ion: 95 Resp: 237906
Ion Ratio Lower Upper
95 100
97 65.3 45.2 84.0
132 95.8 66.5 123.5
130 98.9 68.3 126.8



#35
Methylcyclohexane
Concen: 12.427 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 83 Resp: 379615
Ion Ratio Lower Upper
83 100
55 74.2 60.6 90.8
98 46.0 35.8 53.6





#37

1,2-Dichloropropane

Concen: 10.800 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

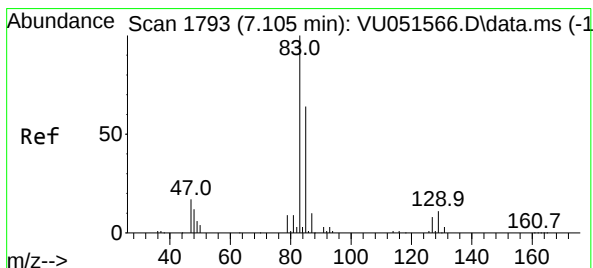
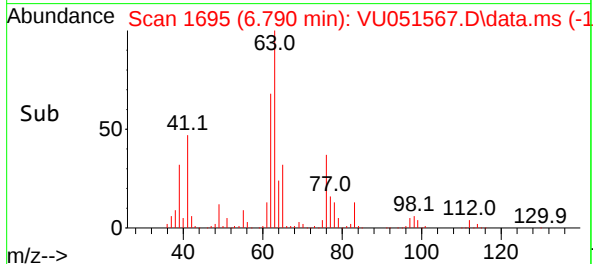
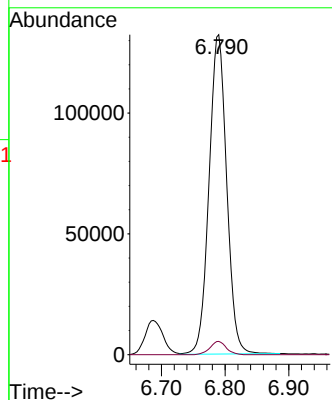
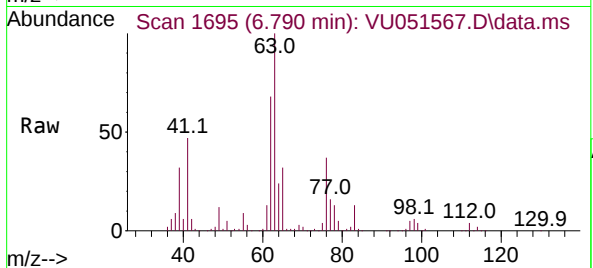
VSTD010065

Tgt Ion: 63 Resp: 254312

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 10.651 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

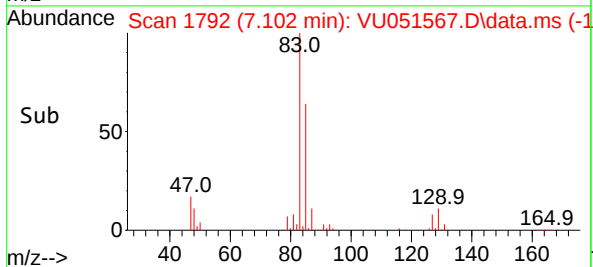
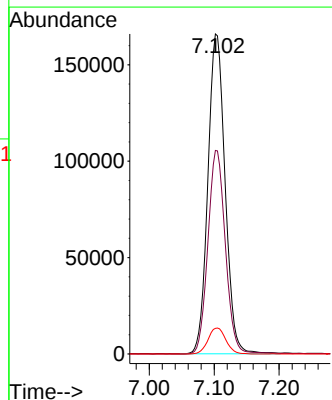
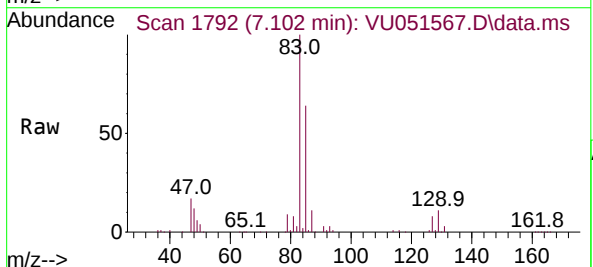
Tgt Ion: 83 Resp: 306352

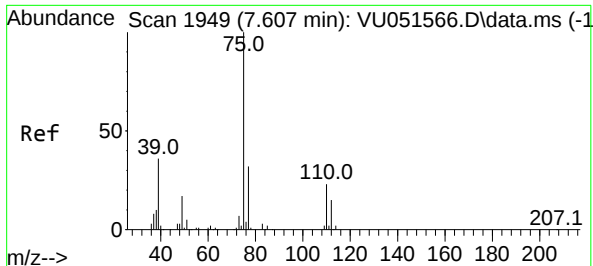
Ion Ratio Lower Upper

83 100

85 63.6 45.1 83.7

127 8.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 11.221 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

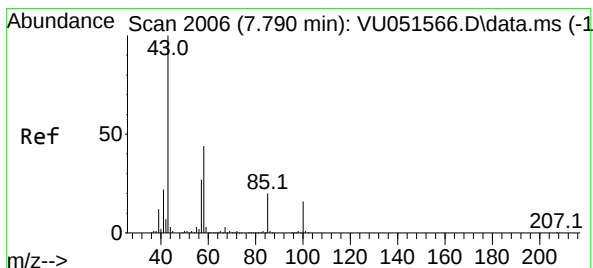
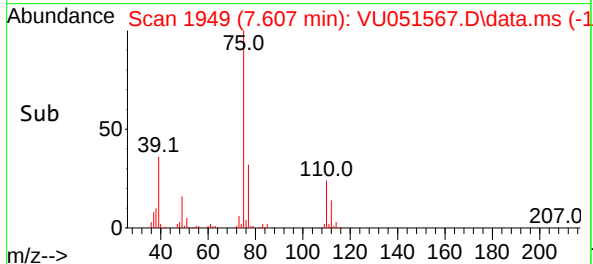
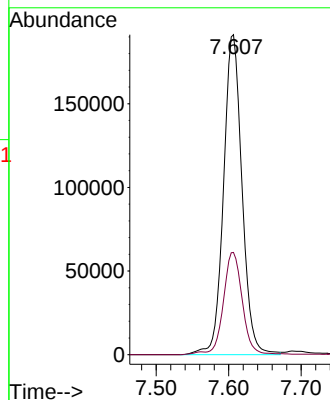
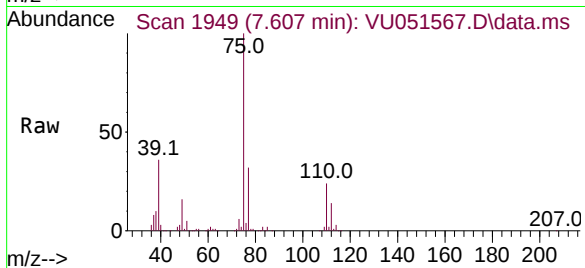
VSTD010065

Tgt Ion: 75 Resp: 338996

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 115.864 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

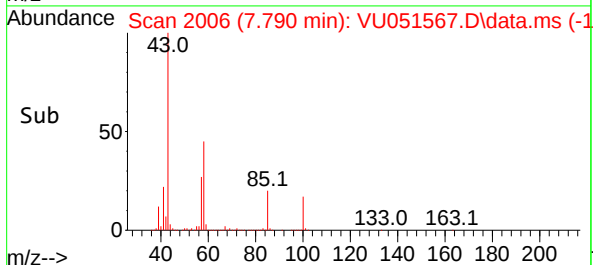
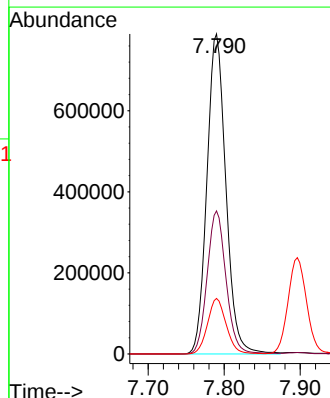
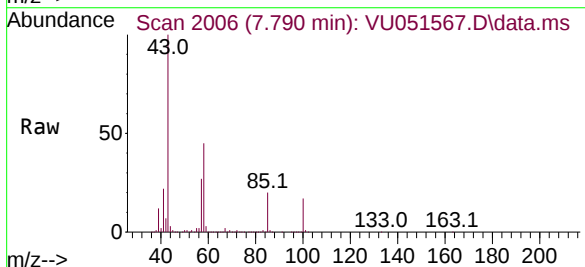
Tgt Ion: 43 Resp: 1368447

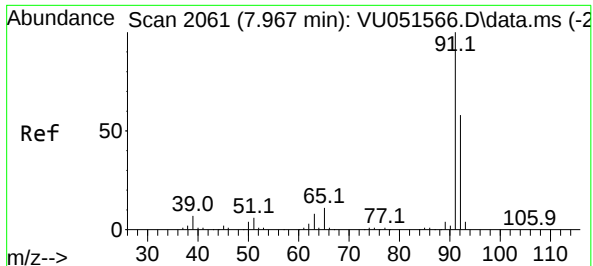
Ion Ratio Lower Upper

43 100

58 44.5 35.0 52.6

100 17.1 13.4 20.0

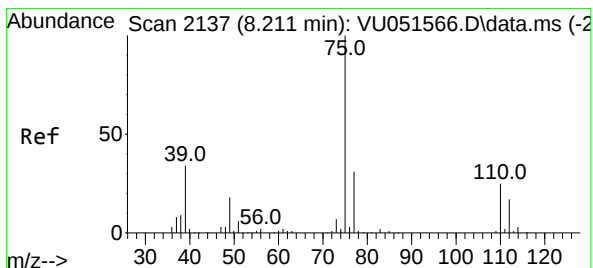
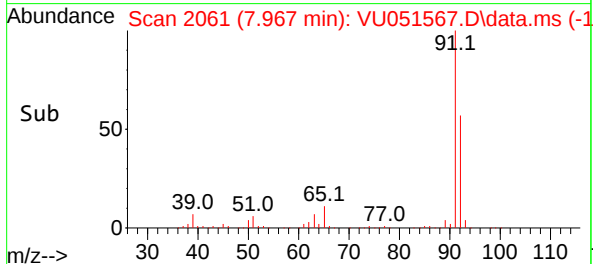
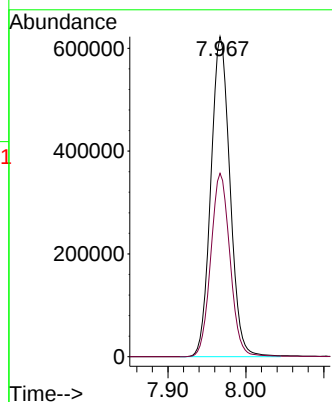
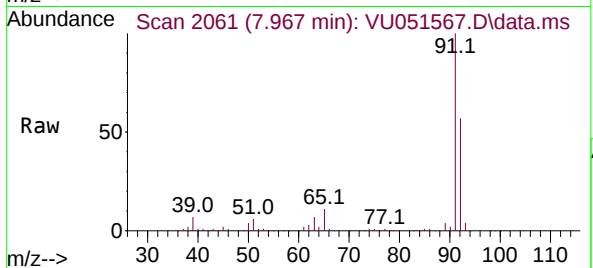




#42
Toluene
Concen: 11.296 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

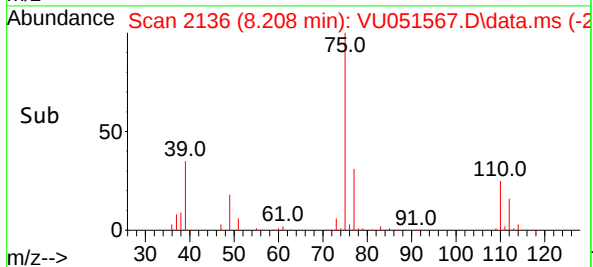
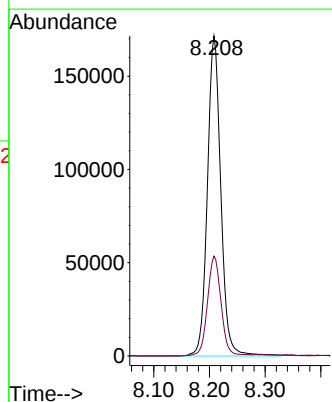
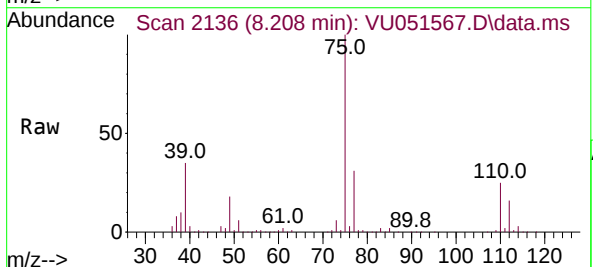
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

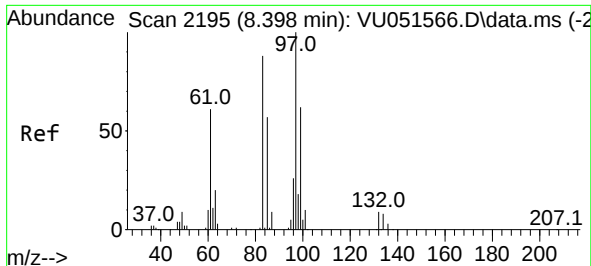
Tgt Ion: 91 Resp: 1062098
Ion Ratio Lower Upper
91 100
92 57.3 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 11.360 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 75 Resp: 286803
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6



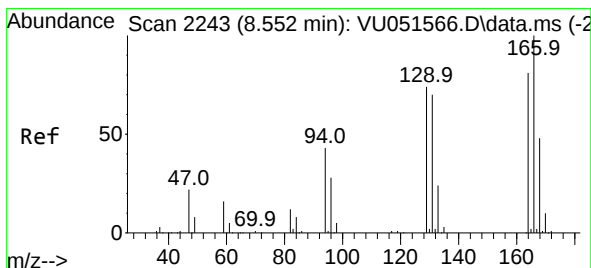
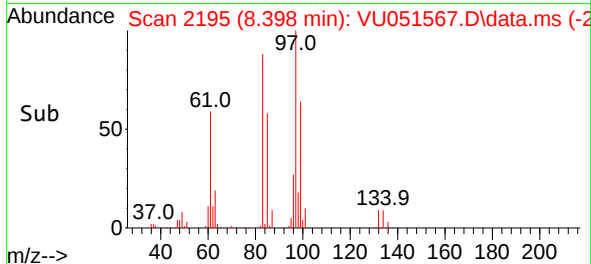
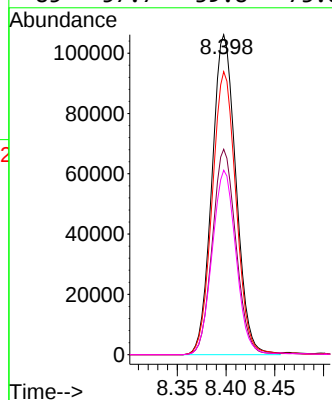
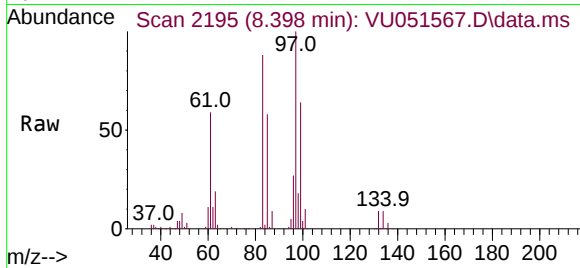


#45
1,1,2-Trichloroethane
Concen: 10.563 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

Tgt Ion: 97 Resp: 182270

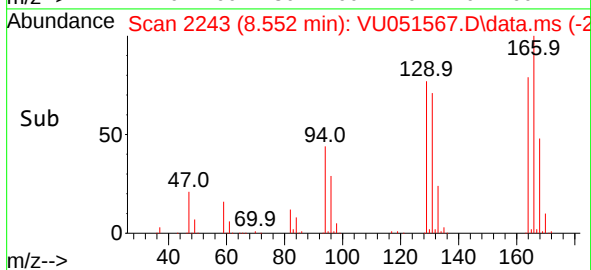
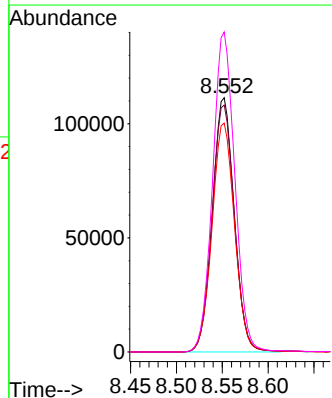
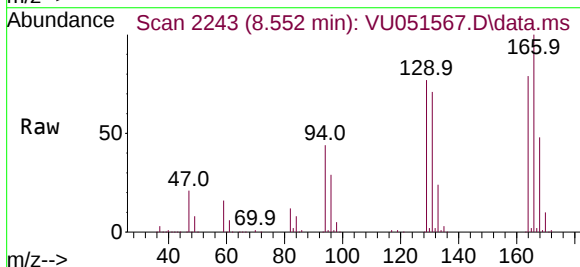
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.4	80.6
83	88.5	61.3	113.9
85	57.7	39.8	73.8

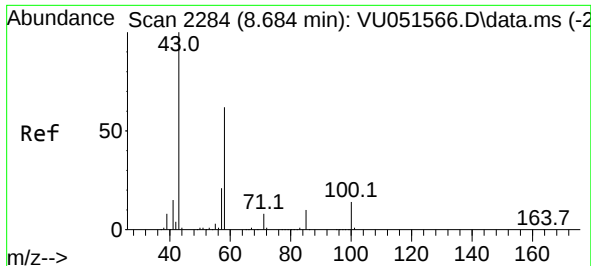


#47
Tetrachloroethene
Concen: 10.937 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 164 Resp: 185072

Ion	Ratio	Lower	Upper
164	100		
129	97.1	64.0	118.8
131	90.0	60.7	112.7
166	125.9	86.8	161.2

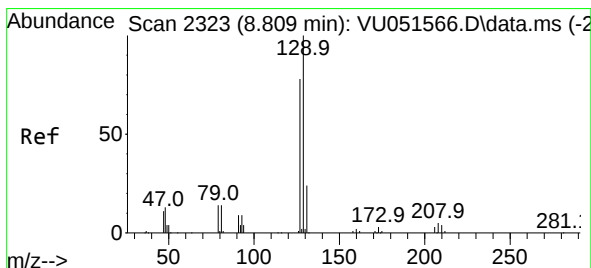
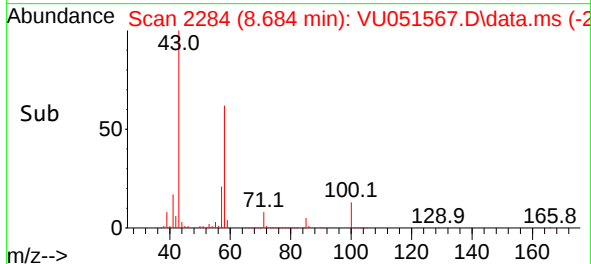
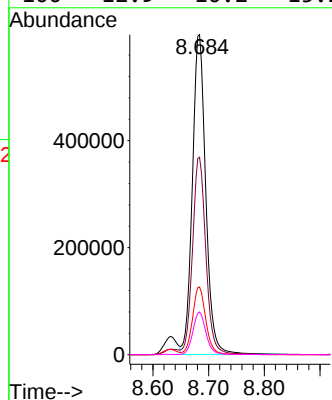
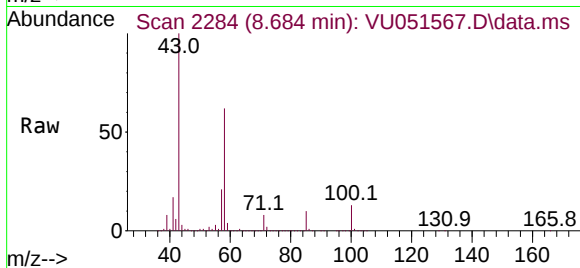




#48
2-Hexanone
Concen: 114.416 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

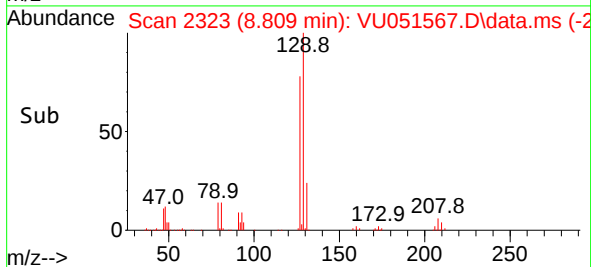
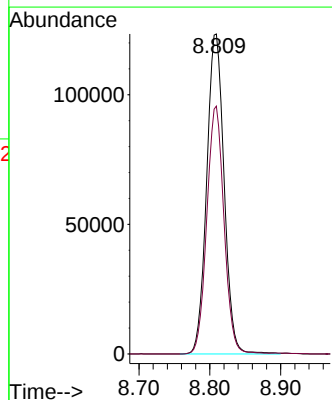
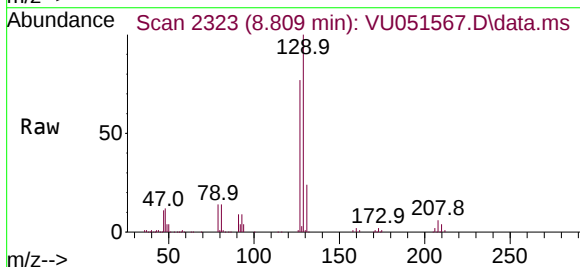
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

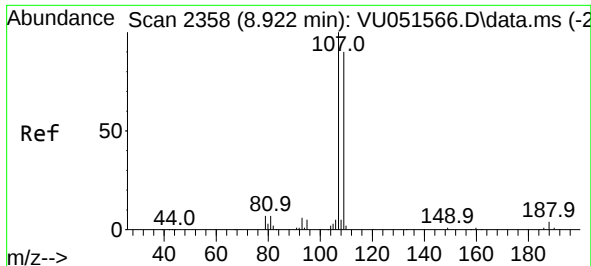
Tgt Ion: 43 Resp: 1000271
Ion Ratio Lower Upper
43 100
58 61.4 48.2 72.2
57 20.8 16.6 25.0
100 12.9 10.2 15.2



#49
Dibromochloromethane
Concen: 10.680 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 129 Resp: 210521
Ion Ratio Lower Upper
129 100
127 77.5 54.8 101.8

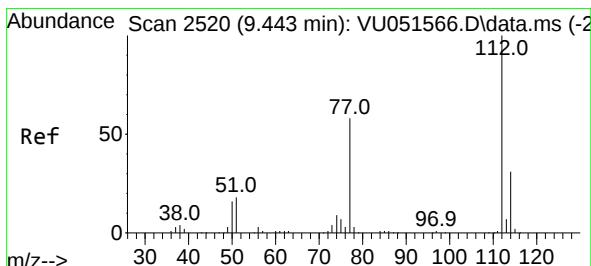
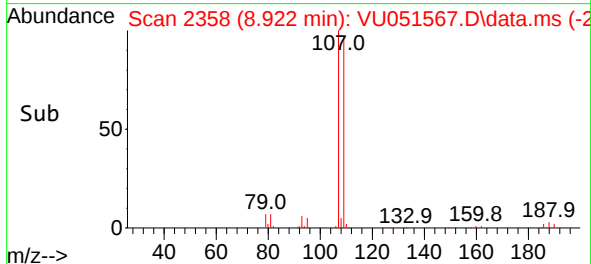
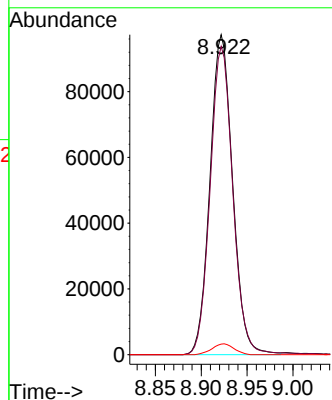
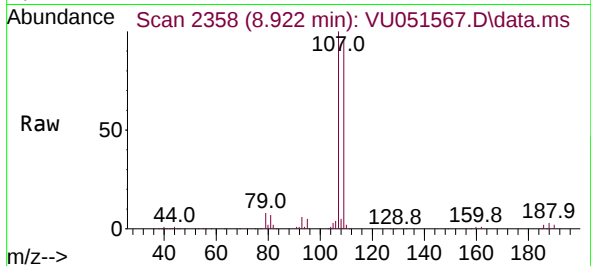




#50
1,2-Dibromoethane
Concen: 10.746 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

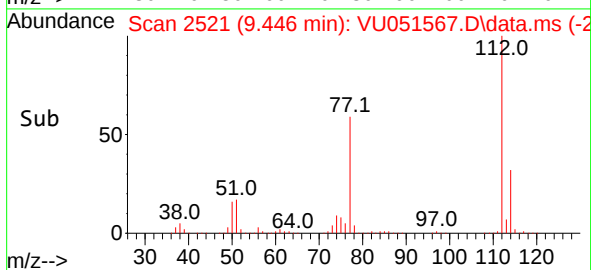
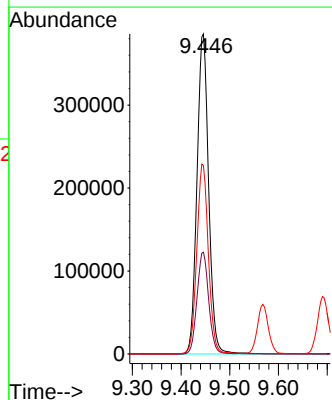
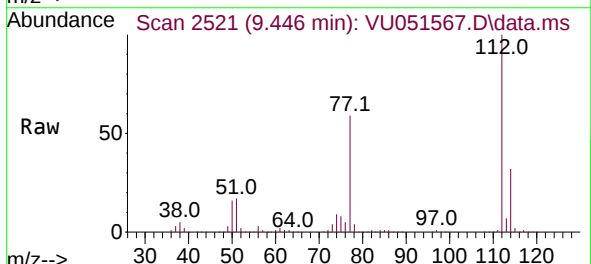
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

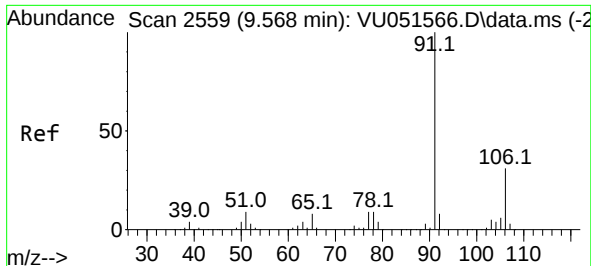
Tgt Ion:107 Resp: 167286
Ion Ratio Lower Upper
107 100
109 96.3 63.0 117.0
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 10.834 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.003 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion:112 Resp: 641099
Ion Ratio Lower Upper
112 100
114 31.8 22.0 40.8
77 58.9 46.7 70.1

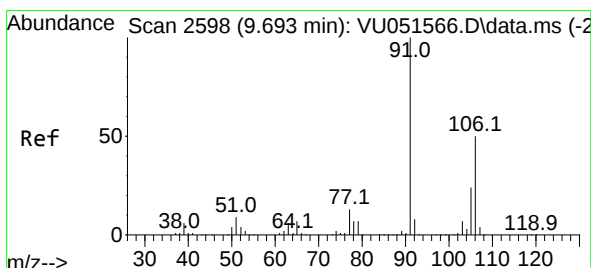
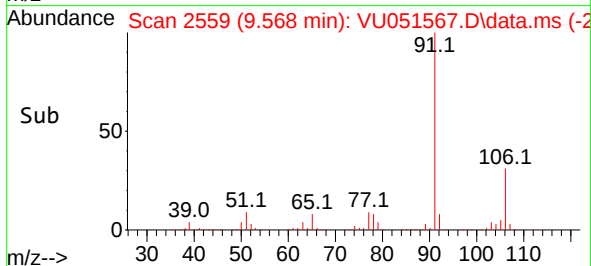
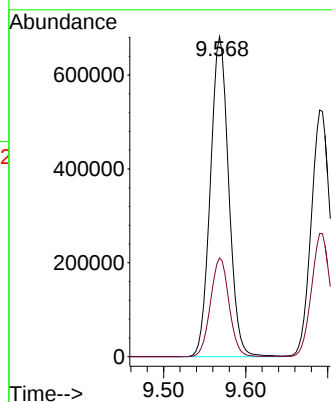
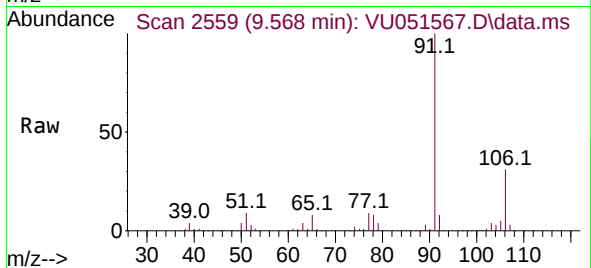




#52
Ethylbenzene
Concen: 11.696 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

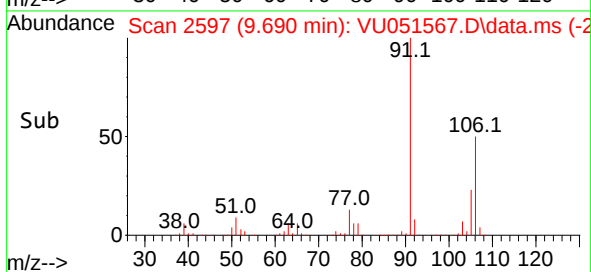
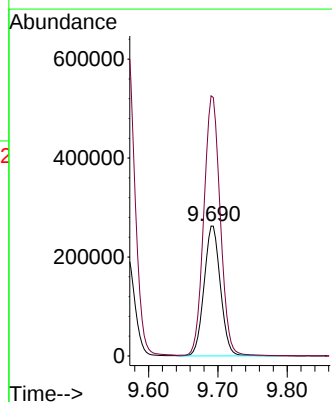
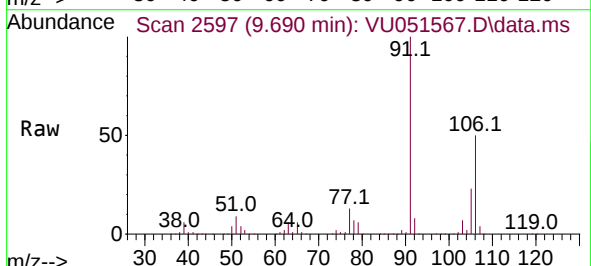
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

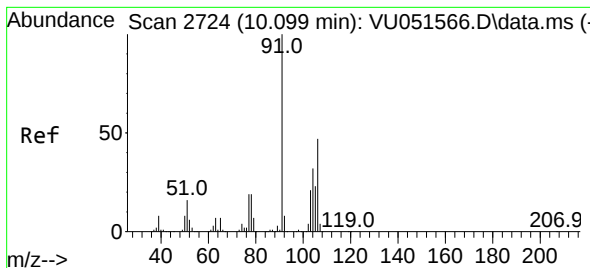
Tgt Ion: 91 Resp: 1061031
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.6



#53
m,p-Xylene
Concen: 12.166 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion:106 Resp: 428708
Ion Ratio Lower Upper
106 100
91 200.2 139.4 259.0

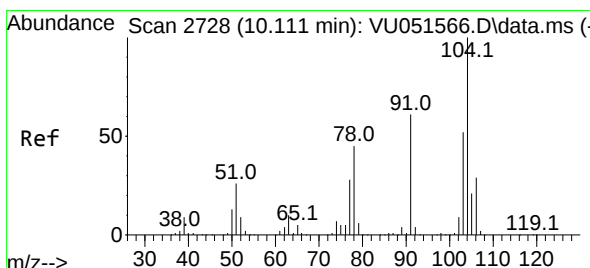
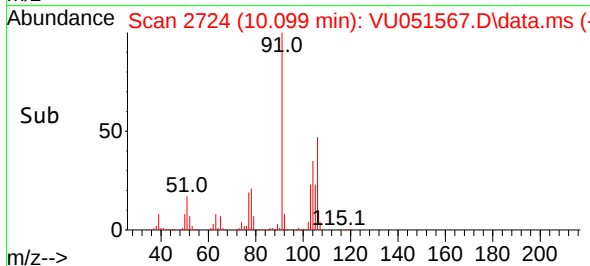
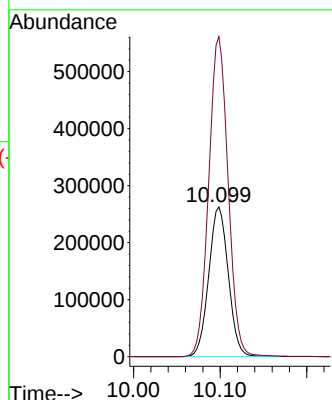
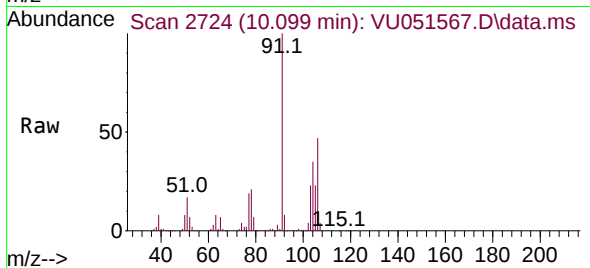




#54
o-Xylene
Concen: 11.974 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

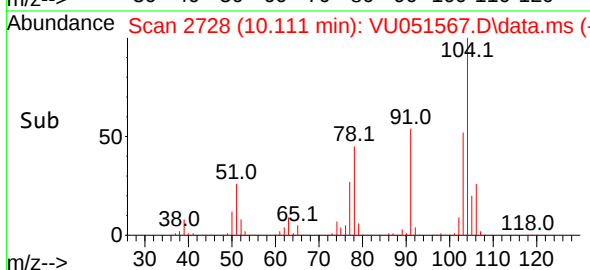
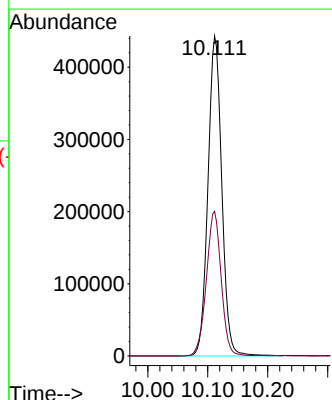
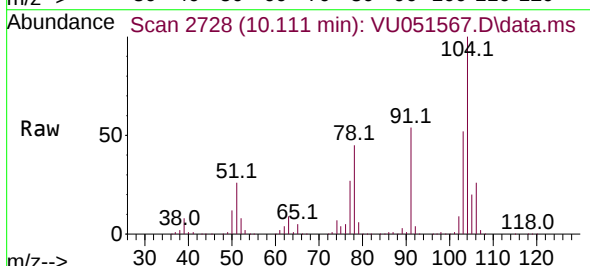
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

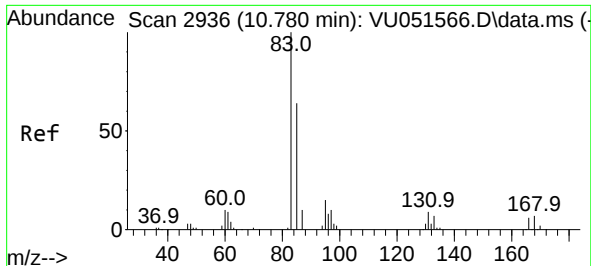
Tgt Ion:106 Resp: 412372
Ion Ratio Lower Upper
106 100
91 213.6 149.2 277.2



#55
Styrene
Concen: 12.382 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion:104 Resp: 712873
Ion Ratio Lower Upper
104 100
78 45.2 31.8 59.0

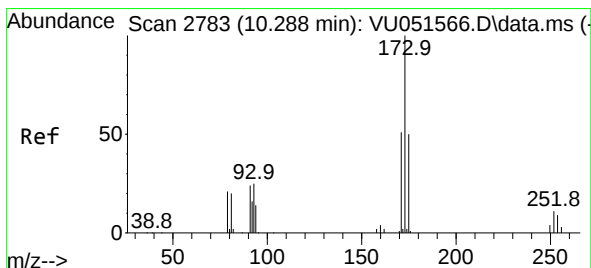
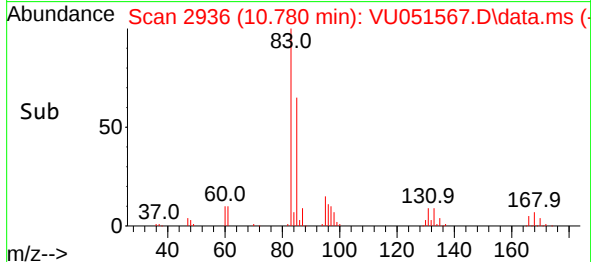
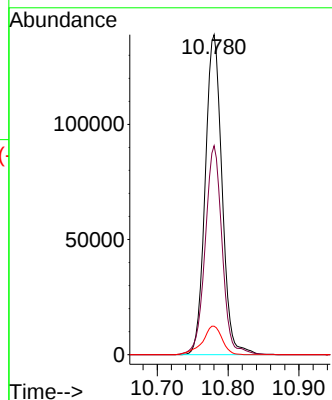
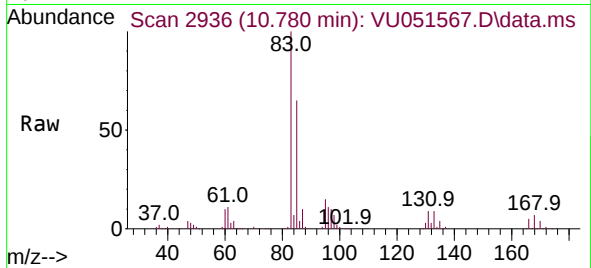




#57
1,1,2,2-Tetrachloroethane
Concen: 10.672 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

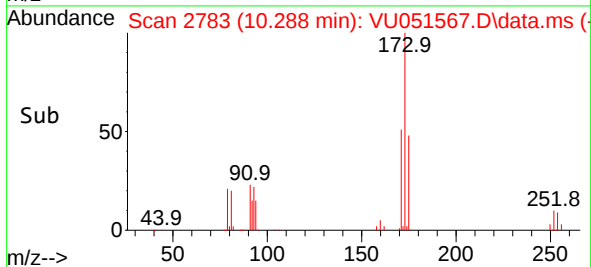
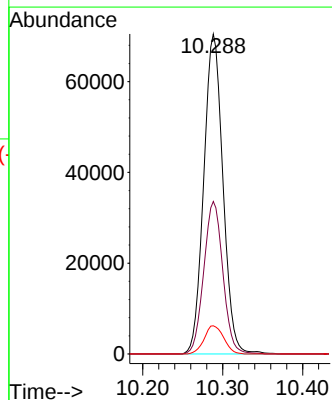
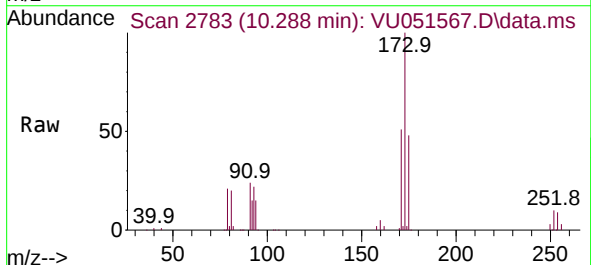
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

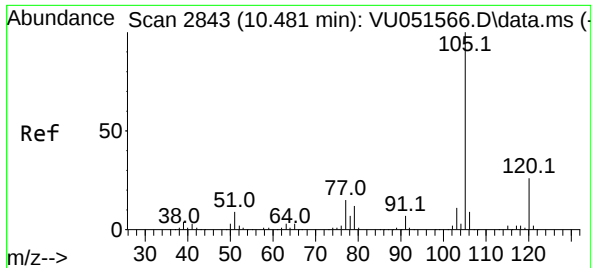
Tgt Ion: 83 Resp: 228337
Ion Ratio Lower Upper
83 100
85 65.3 44.9 83.5
131 8.9 7.8 11.8



#59
Bromoform
Concen: 10.283 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 173 Resp: 117794
Ion Ratio Lower Upper
173 100
175 47.3 38.7 58.1
254 9.0 7.3 10.9

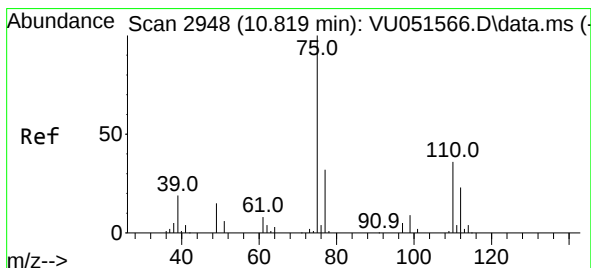
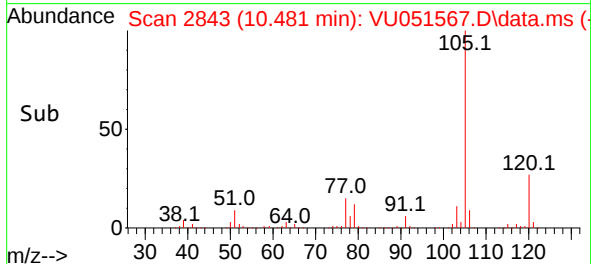
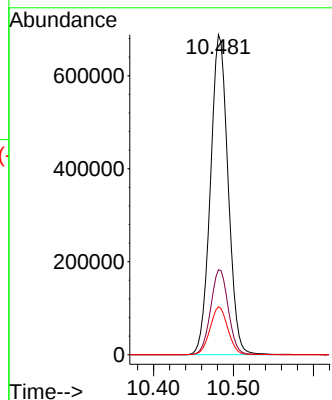
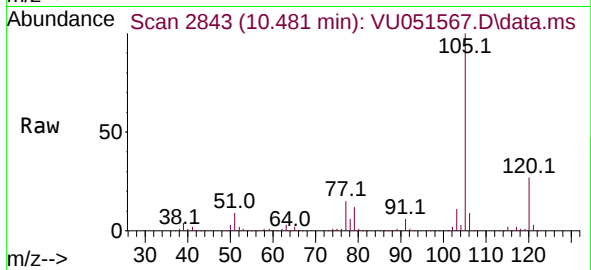




#60
Isopropylbenzene
Concen: 11.644 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

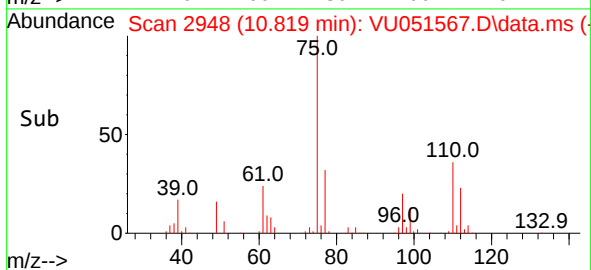
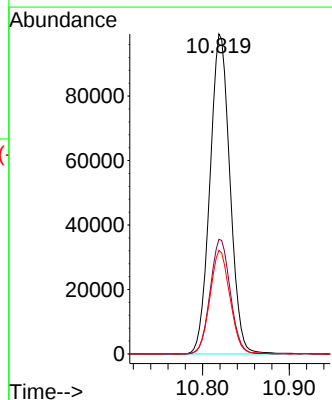
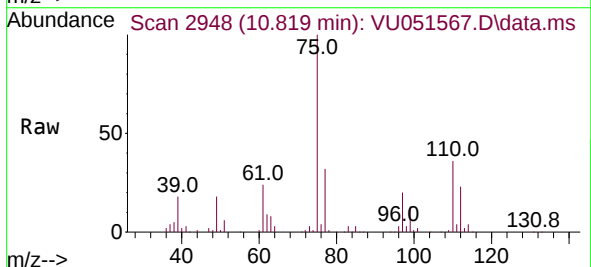
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

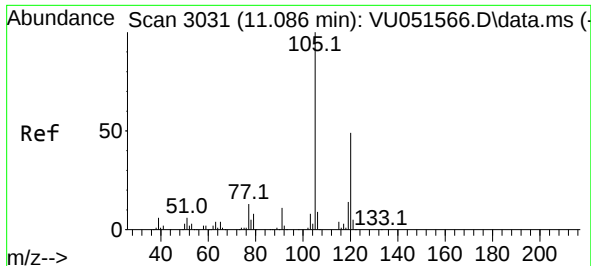
Tgt Ion:105 Resp: 1053810
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 15.1 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 9.937 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion: 75 Resp: 159300
Ion Ratio Lower Upper
75 100
110 35.9 28.7 43.1
77 32.5 26.1 39.1





#62

1,3,5-Trimethylbenzene

Concen: 11.419 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

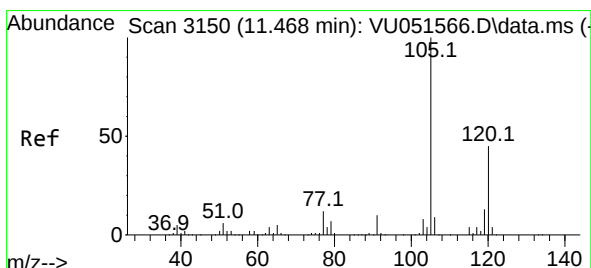
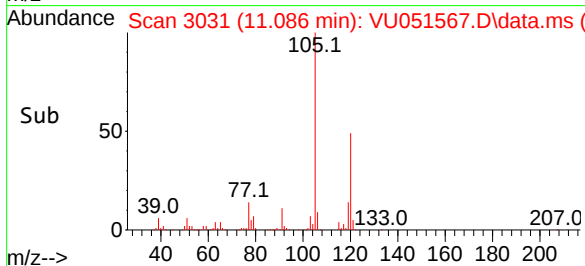
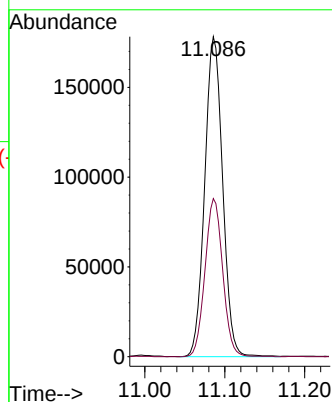
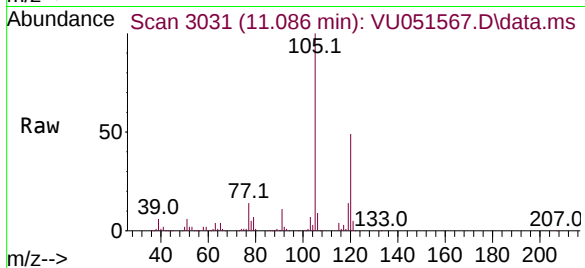
VSTD010065

Tgt Ion:105 Resp: 278218

Ion Ratio Lower Upper

105 100

120 48.9 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 12.282 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU051567.D

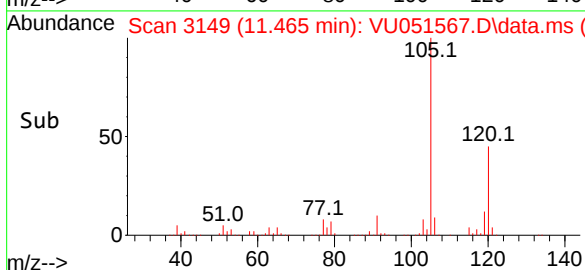
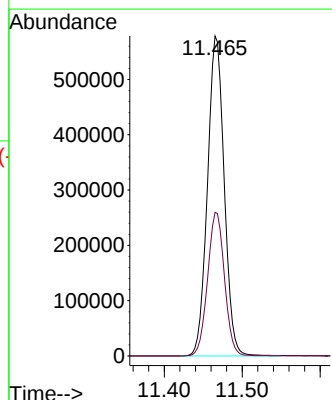
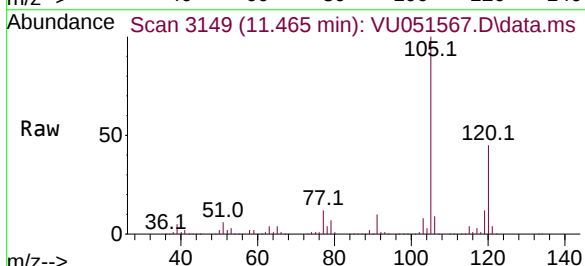
Acq: 28 Oct 2022 14:26

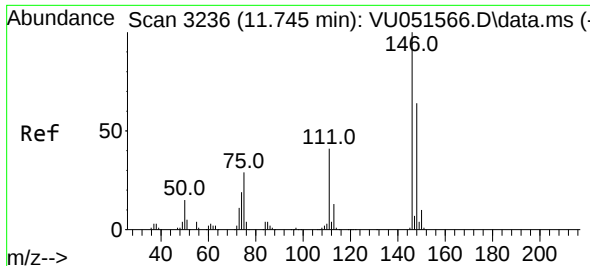
Tgt Ion:105 Resp: 862842

Ion Ratio Lower Upper

105 100

120 45.2 35.8 53.6

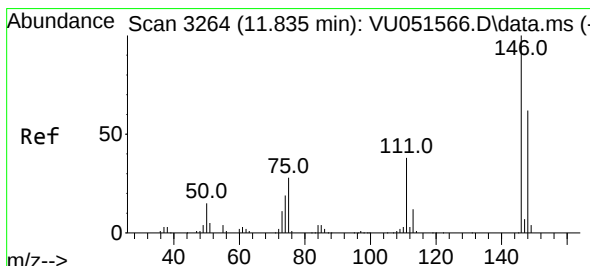
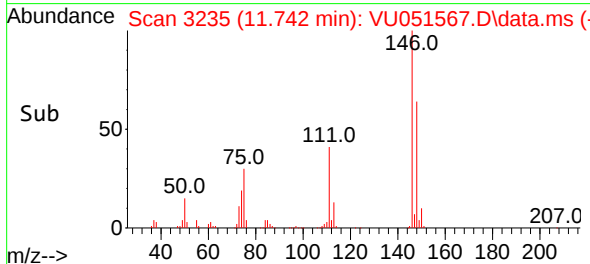
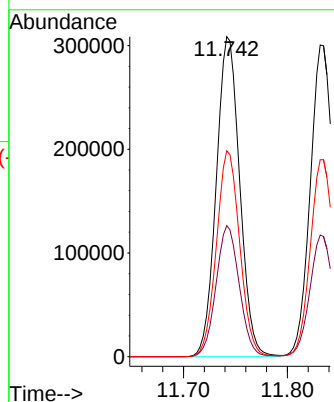
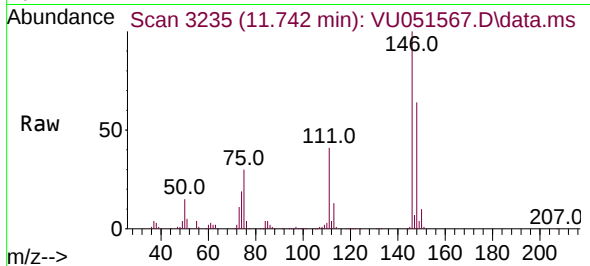




#64
1,3-Dichlorobenzene
Concen: 10.734 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

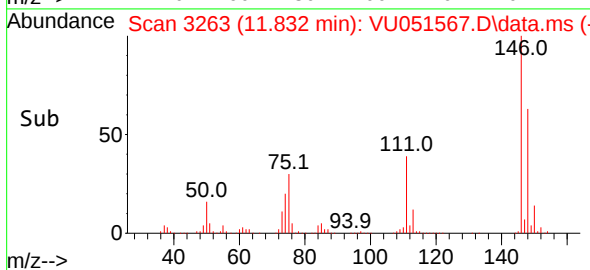
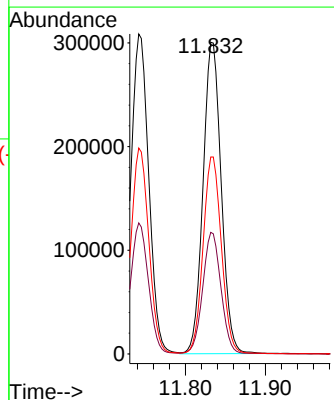
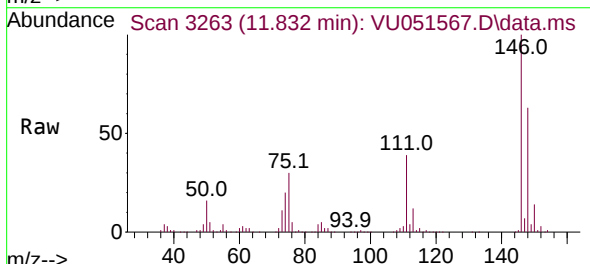
Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

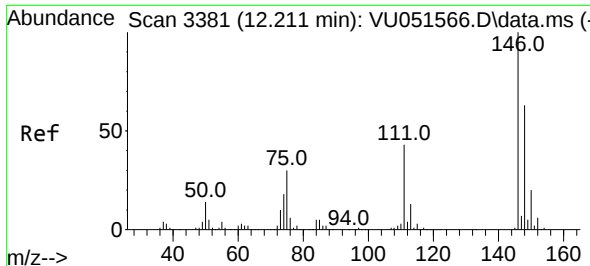
Tgt Ion:146 Resp: 483647
Ion Ratio Lower Upper
146 100
111 41.0 28.6 53.2
148 64.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 10.532 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion:146 Resp: 475792
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.5
148 63.2 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 10.417 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD010065

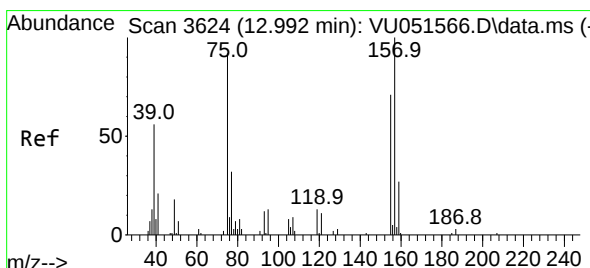
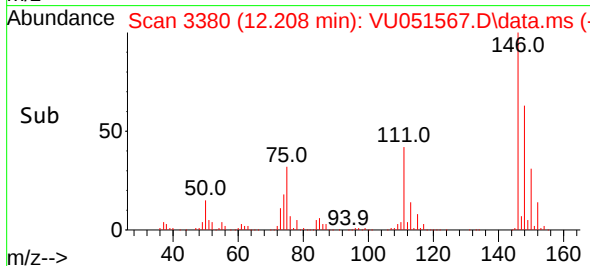
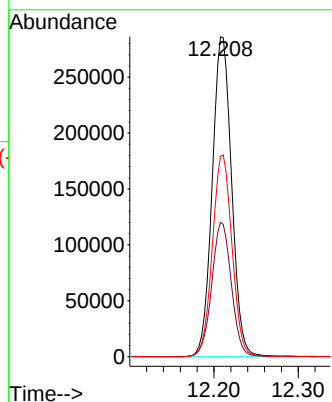
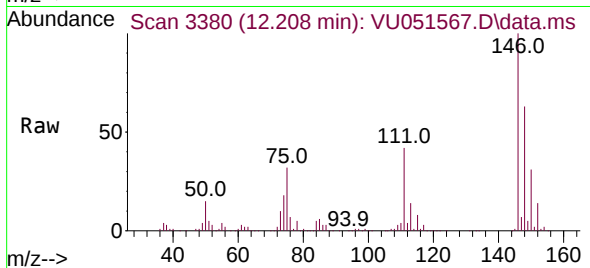
Tgt Ion:146 Resp: 457155

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.2

148 62.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 10.119 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051567.D

Acq: 28 Oct 2022 14:26

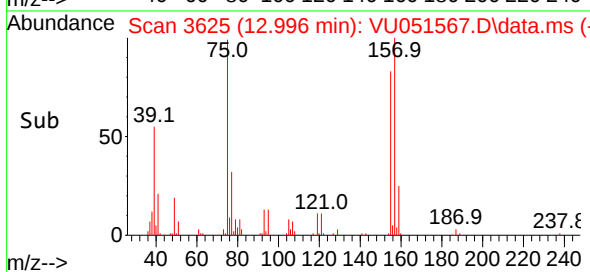
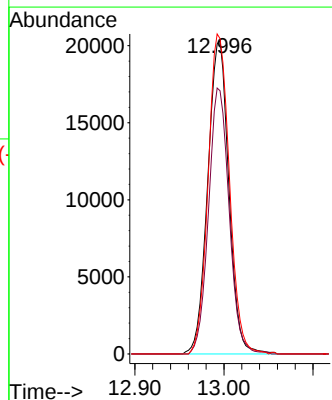
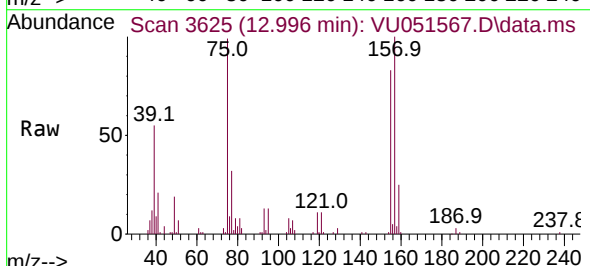
Tgt Ion: 75 Resp: 33404

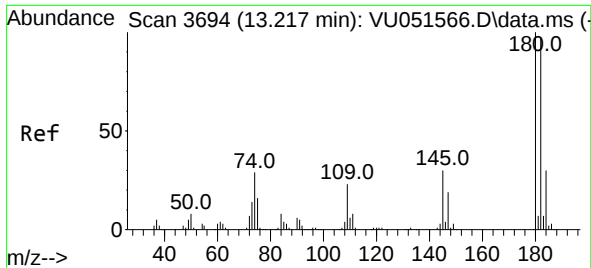
Ion Ratio Lower Upper

75 100

155 83.9 61.4 92.2

157 100.6 86.7 130.1

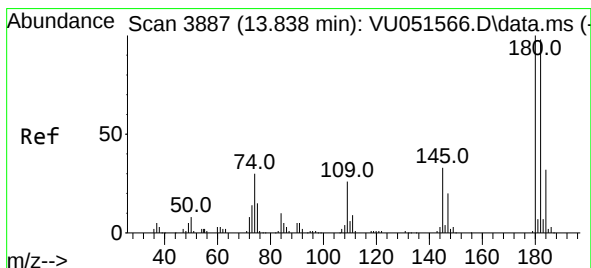
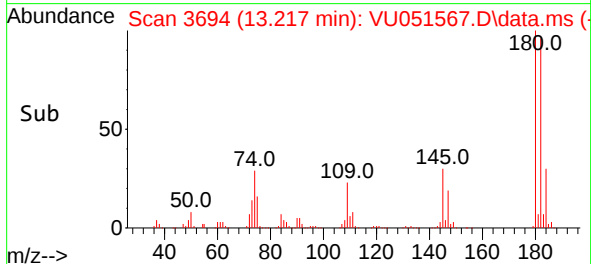
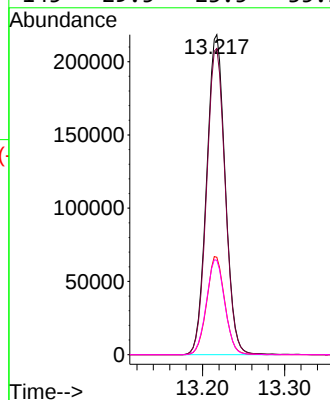
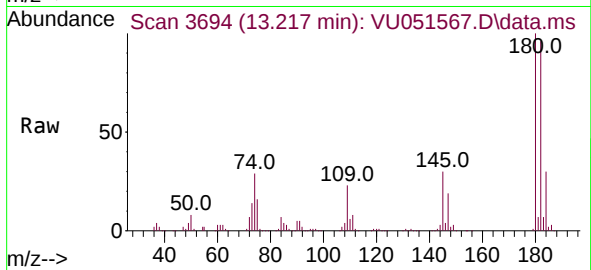




#69
 1,3,5-Trichlorobenzene
 Concen: 10.676 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051567.D
 Acq: 28 Oct 2022 14:26

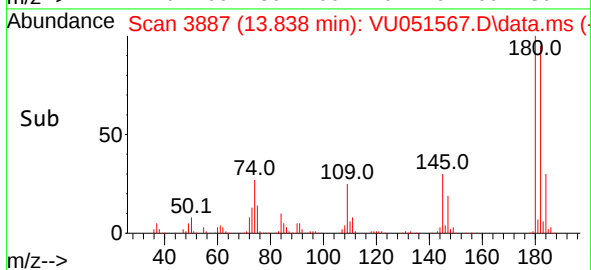
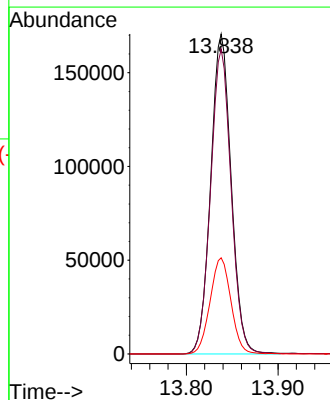
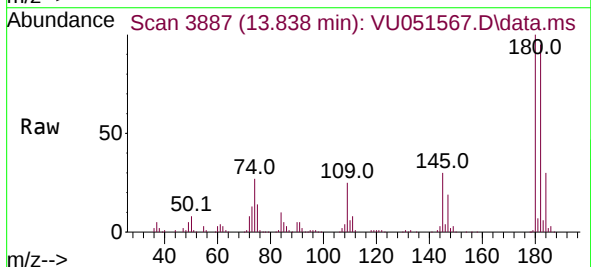
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010065

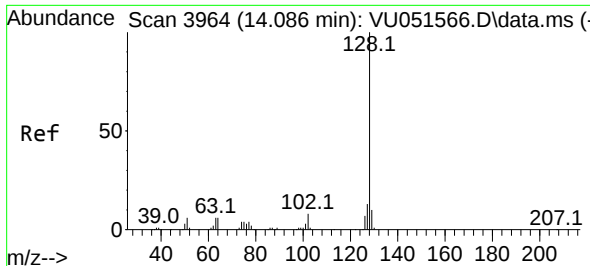
Tgt Ion:180 Resp: 342858
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.6
 184 29.8 23.7 35.5
 145 29.5 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 10.745 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051567.D
 Acq: 28 Oct 2022 14:26

Tgt Ion:180 Resp: 264907
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.8 116.6
 145 30.6 25.0 37.6

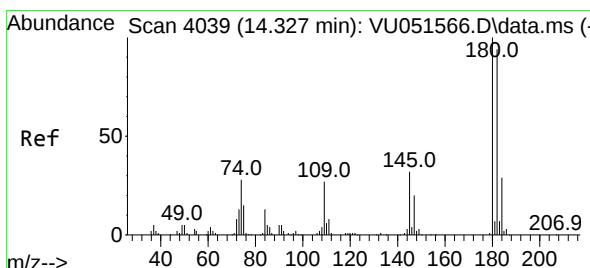
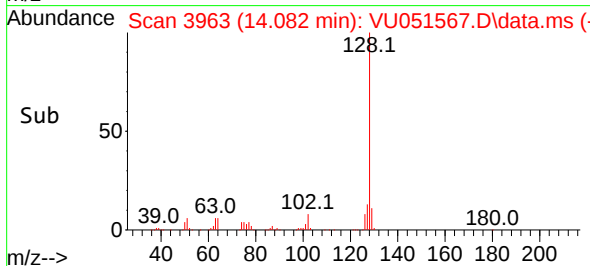
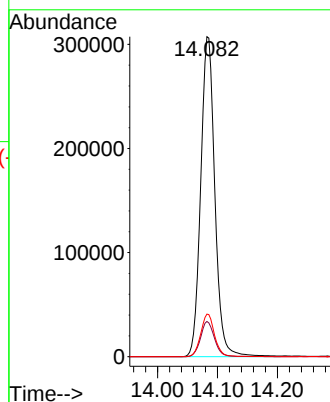
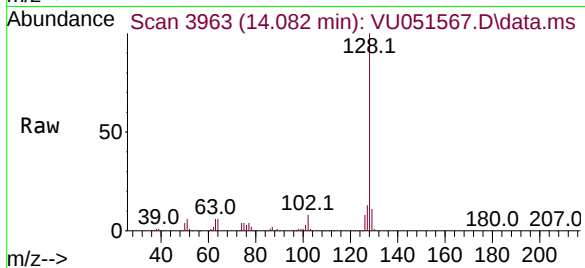




#71
Naphthalene
Concen: 10.978 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD010065

Tgt Ion:128 Resp: 505233
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.0 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 10.818 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051567.D
Acq: 28 Oct 2022 14:26

Tgt Ion:180 Resp: 269318
Ion Ratio Lower Upper
180 100
182 94.4 76.1 114.1
145 32.1 25.6 38.4

