

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050982.D
 Acq On : 29 Sep 2022 16:04
 Operator : JC/MD
 Sample : VSTD10040
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 30 01:22:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	385337	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	408954	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	234858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	369346	93.726	ug/L	0.00
7) Chloroethane-d5	1.906	69	440286	152.524	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	543287	89.369	ug/L	0.00
21) 2-Butanone-d5	4.623	46	514459	202.676	ug/L	0.00
24) Chloroform-d	5.060	84	599905	96.876	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	365140	95.629	ug/L	0.00
32) Benzene-d6	5.726	84	1214398	92.812	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.687	67	386706	87.930	ug/L	0.00
41) Toluene-d8	7.896	98	1149788	99.724	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	187107	96.546	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	341572	190.470	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	677992	98.526	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	463860	93.660	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	289762	75.998	ug/L	100
3) Chloromethane	1.520	50	341074	76.743	ug/L	98
5) Vinyl chloride	1.604	62	367047	83.231	ug/L	99
6) Bromomethane	1.854	94	330158	135.072	ug/L	97
8) Chloroethane	1.925	64	345750	138.189	ug/L	99
9) Trichlorofluoromethane	2.131	101	493151	99.365	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	262998	85.026	ug/L	99
12) 1,1-Dichloroethene	2.575	96	251399	86.823	ug/L	96
13) Acetone	2.633	43	326727	154.605	ug/L	99
14) Carbon disulfide	2.790	76	738037	81.451	ug/L	99
15) Methyl Acetate	2.948	43	339970	85.155	ug/L	99
16) Methylene chloride	3.041	84	313642	77.517	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	266709	89.613	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	869371	95.469	ug/L	100
19) 1,1-Dichloroethane	3.867	63	507863	84.918	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	315541	95.328	ug/L	98
22) 2-Butanone	4.703	43	534864	191.236	ug/L	100
23) Bromochloromethane	4.970	128	164522	93.624	ug/L	96
25) Chloroform	5.086	83	555104	91.706	ug/L	100
27) 1,2-Dichloroethane	5.790	62	419477	91.359	ug/L	98
29) Cyclohexane	5.385	56	419746	79.844	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	452559	85.706	ug/L	99
31) Carbon tetrachloride	5.523	117	371733	84.913	ug/L	99
33) Benzene	5.771	78	1237180	85.627	ug/L	100
34) Trichloroethene	6.539	95	311303	91.023	ug/L	99
35) Methylcyclohexane	6.761	83	470444	88.046	ug/L	98
37) 1,2-Dichloropropane	6.790	63	323906	81.987	ug/L	99
38) Bromodichloromethane	7.105	83	422762	88.226	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	492674	92.778	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	1008541	185.609	ug/L	100
42) Toluene	7.967	91	1358180	93.986	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	483287	95.056	ug/L	99

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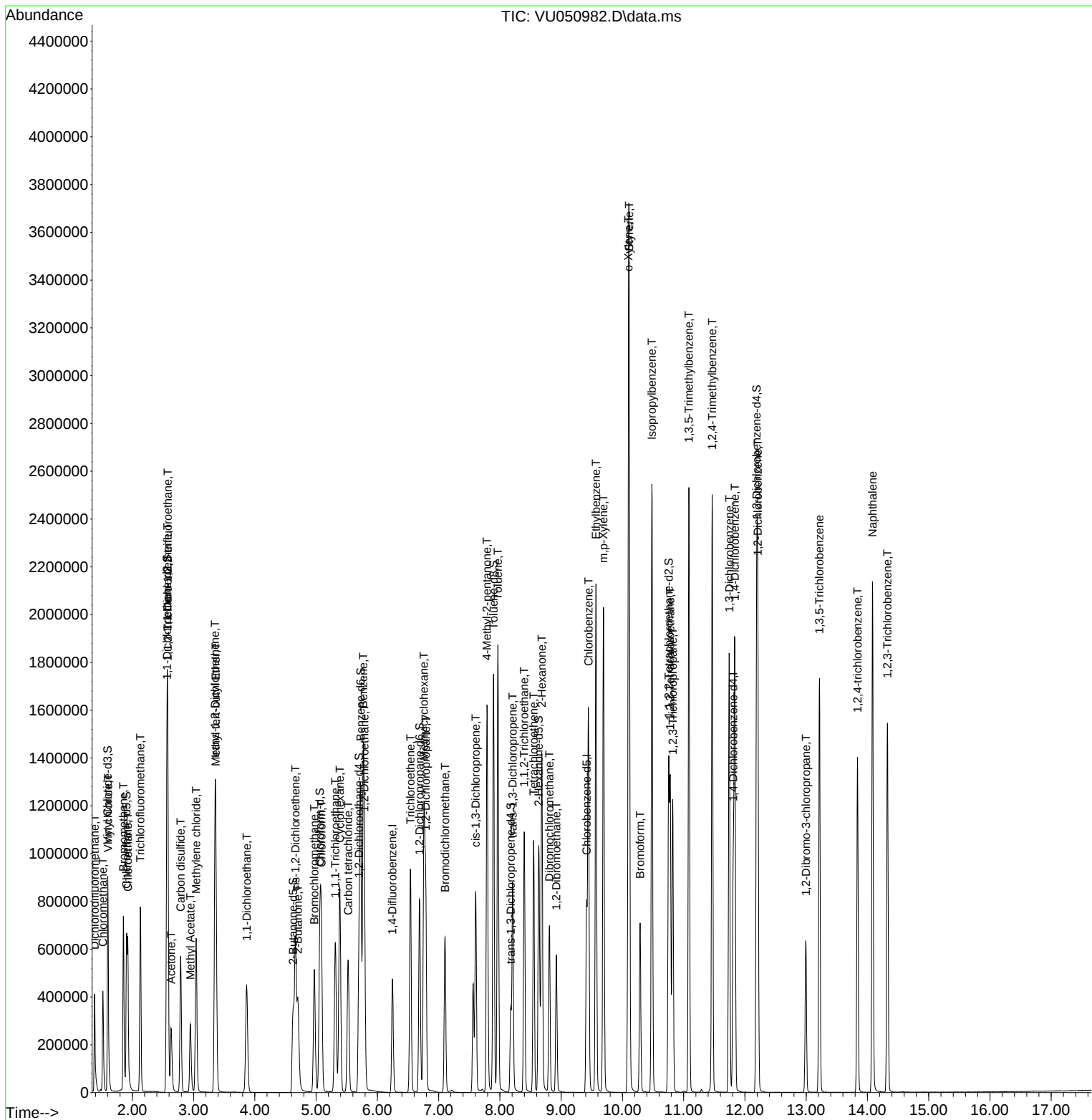
Quant Time: Sep 30 01:22:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
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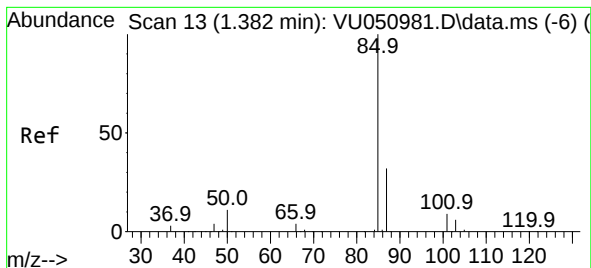
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.398	97	333975	89.646	ug/L	99
46) Tetrachloroethene	8.552	164	228121	92.330	ug/L	97
48) 2-Hexanone	8.684	43	866459	187.546	ug/L	99
49) Dibromochloromethane	8.809	129	357013	96.647	ug/L	98
50) 1,2-Dibromoethane	8.922	107	374350	96.545	ug/L	99
51) Chlorobenzene	9.446	112	855471	95.070	ug/L	98
52) Ethylbenzene	9.568	91	1463294	99.453	ug/L	99
53) m,p-Xylene	9.690	106	569418	104.841	ug/L	99
54) o-Xylene	10.098	106	595343	109.645	ug/L	98
55) Styrene	10.111	104	1080411	115.824	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	628233	91.012	ug/L	98
59) Bromoform	10.288	173	308707	92.210	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	500985	77.523	ug/L	99
61) Isopropylbenzene	10.481	105	1594343	97.698	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	1308558	96.590	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	1317557	99.318	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	731378	97.017	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	728379	94.141	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	716172	87.712	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	153962	85.375	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	521822	97.334	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	419522	96.092	ug/L	99
71) Naphthalene	14.082	128	1652739	100.025	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	470687	96.174	ug/L	99

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

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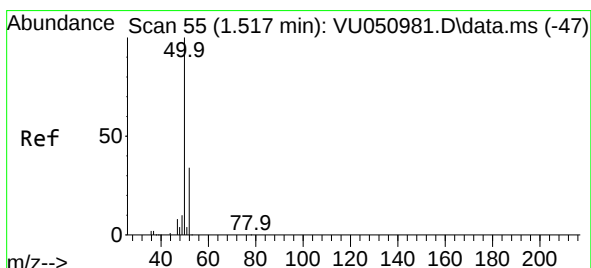
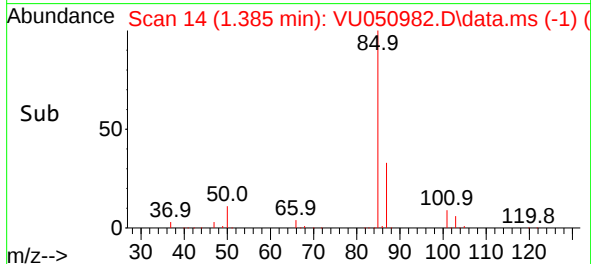
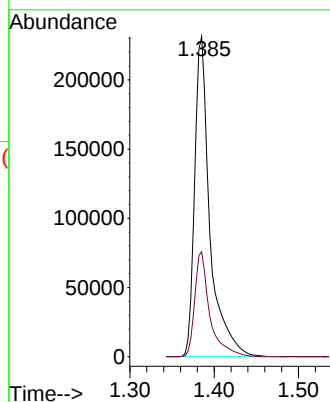
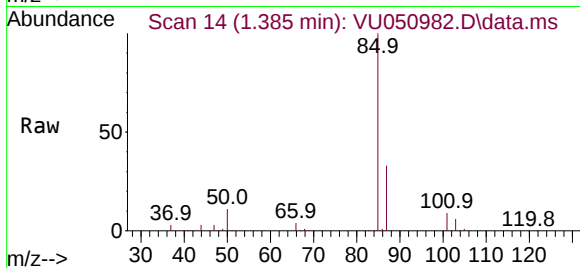




#2
Dichlorodifluoromethane
Concen: 75.998 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

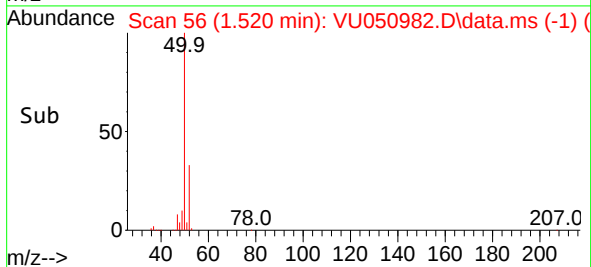
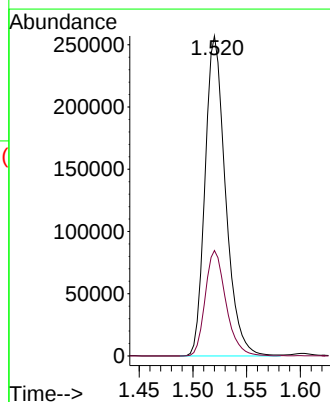
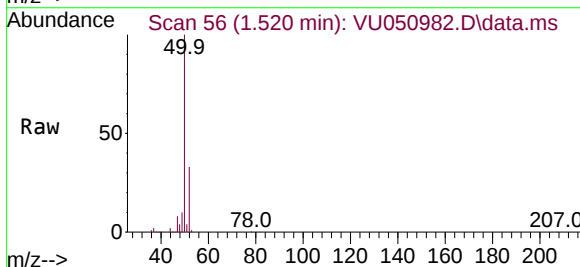
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MSVOA_U
ClientSampleId :

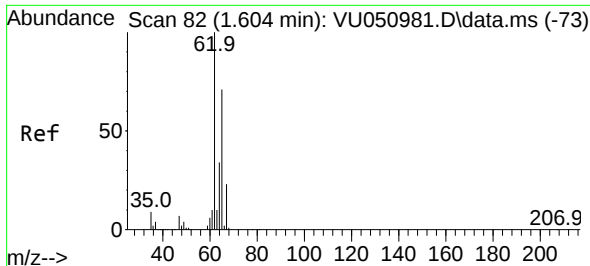
Tgt Ion: 85 Resp: 289762
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 76.743 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.003 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

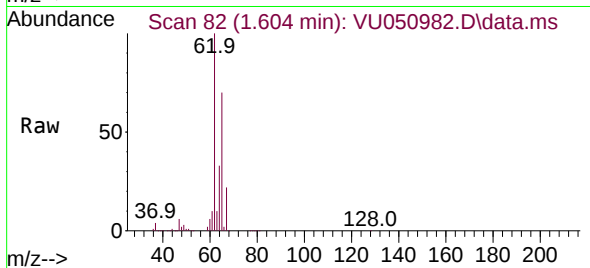
Tgt Ion: 50 Resp: 341074
Ion Ratio Lower Upper
50 100
52 33.0 23.7 44.1



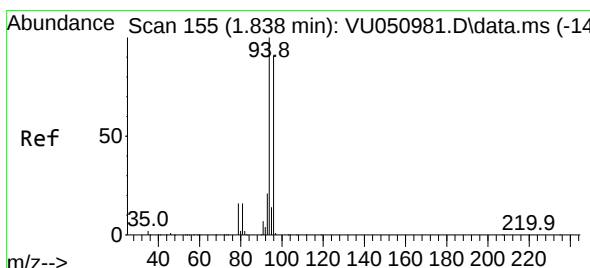
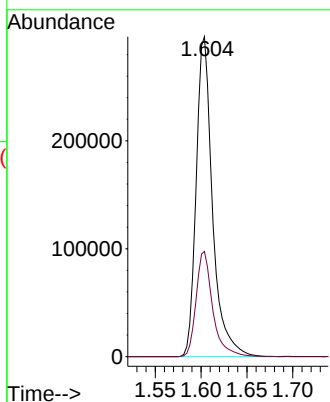
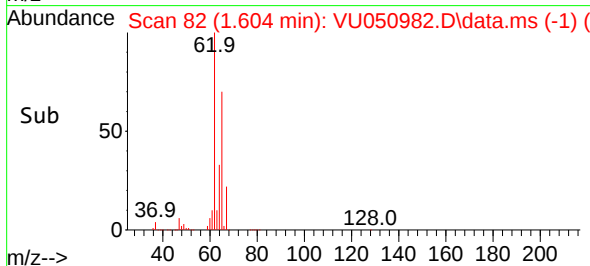


#5
 Vinyl chloride
 Concen: 83.231 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU050982.D
 Acq: 29 Sep 2022 16:04

Instrument :
 MSVOA_U
 ClientSampleId :

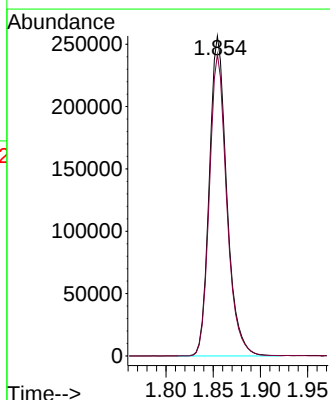
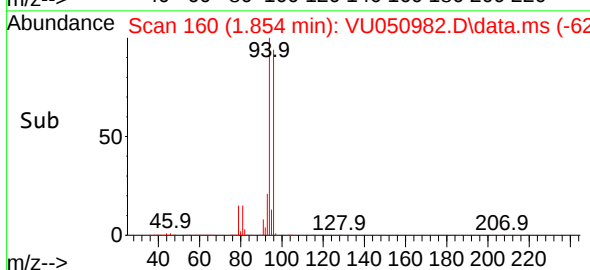
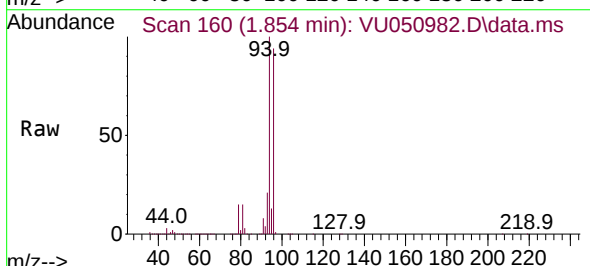


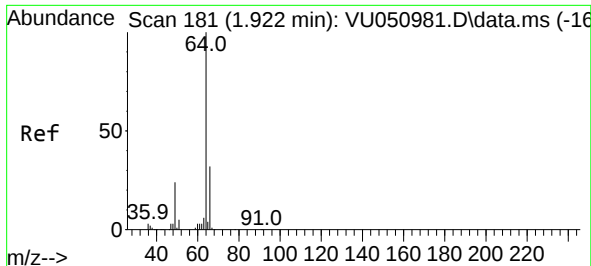
Tgt Ion: 62 Resp: 367047
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.5 43.7



#6
 Bromomethane
 Concen: 135.072 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.016 min
 Lab File: VU050982.D
 Acq: 29 Sep 2022 16:04

Tgt Ion: 94 Resp: 330158
 Ion Ratio Lower Upper
 94 100
 96 94.3 63.9 118.7

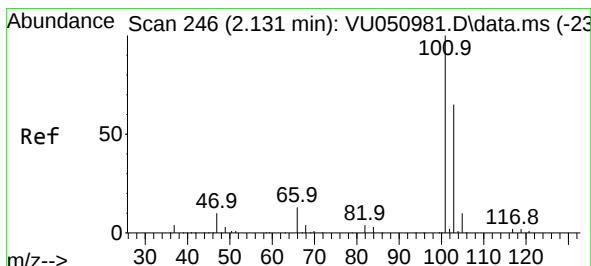
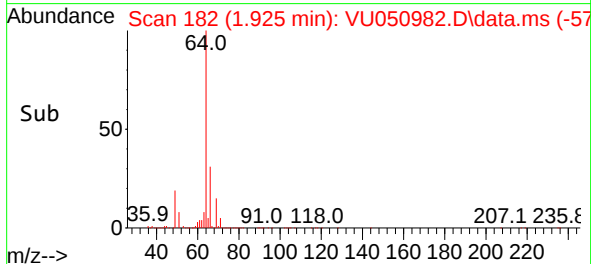
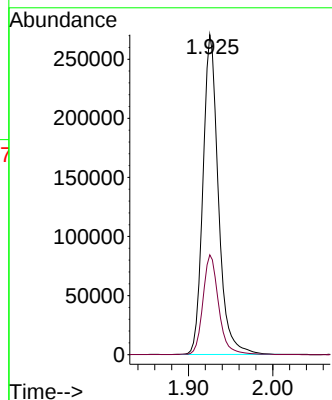
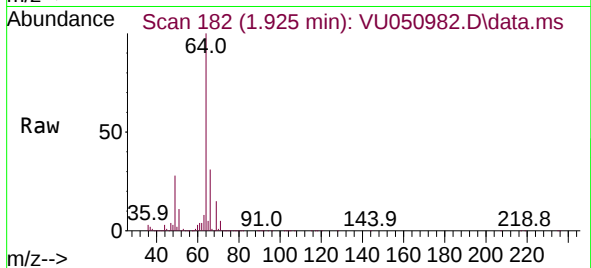




#8
Chloroethane
Concen: 138.189 ug/L
RT: 1.925 min Scan# 181
Delta R.T. 0.003 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

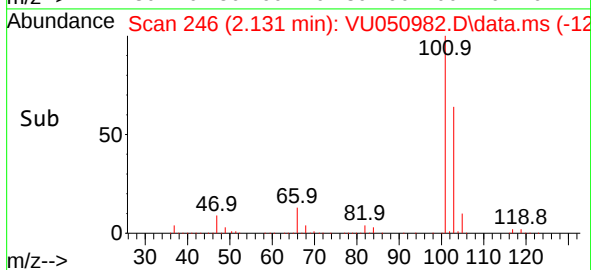
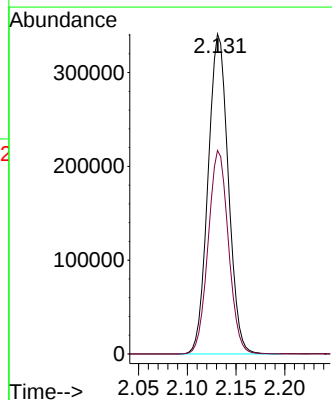
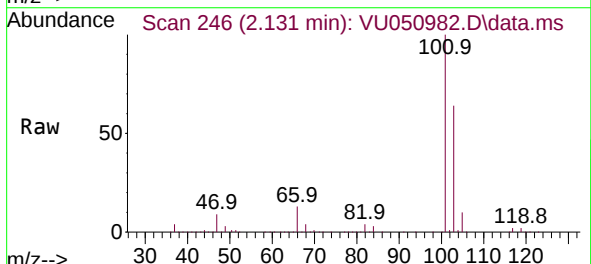
Instrument :
MSVOA_U
ClientSampleId :

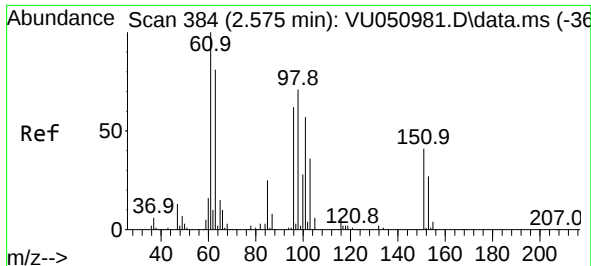
Tgt Ion: 64 Resp: 345750
Ion Ratio Lower Upper
64 100
66 31.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 99.365 ug/L
RT: 2.131 min Scan# 246
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion:101 Resp: 493151
Ion Ratio Lower Upper
101 100
103 63.7 51.8 77.6

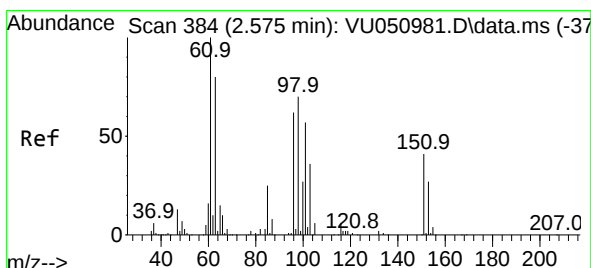
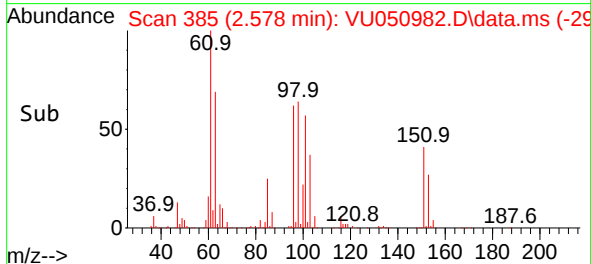
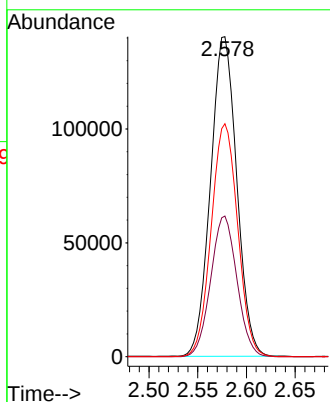
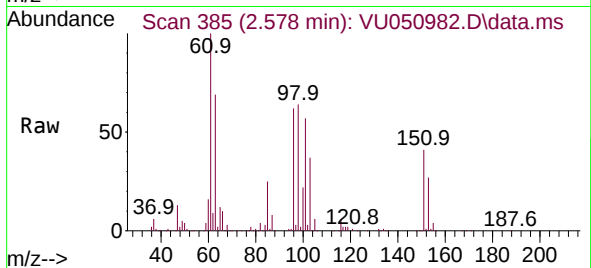




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 85.026 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

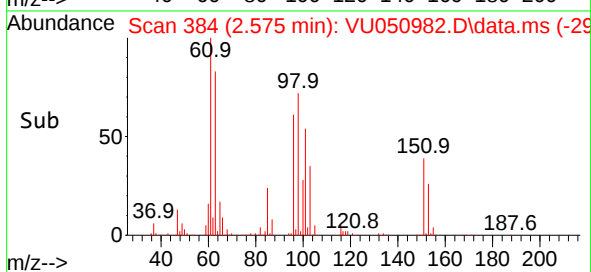
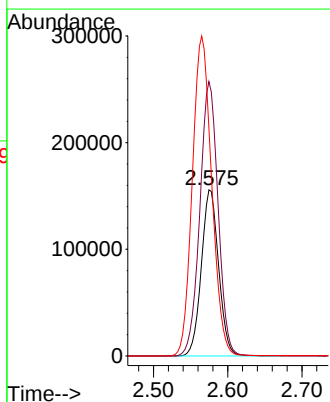
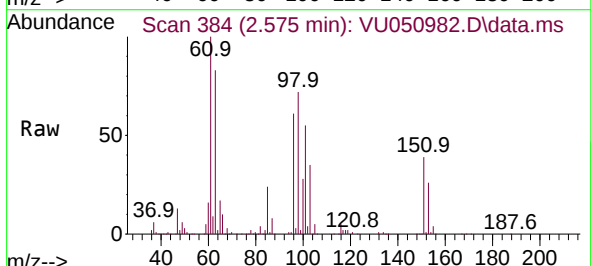
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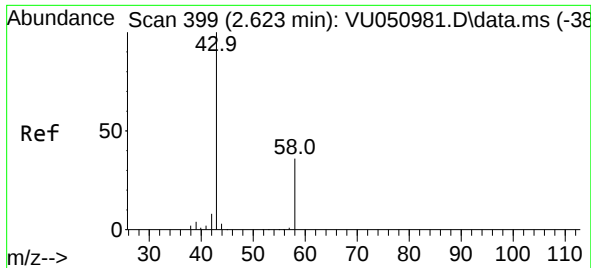
Tgt Ion:101 Resp: 262998
Ion Ratio Lower Upper
101 100
85 43.9 34.6 52.0
151 73.6 58.6 87.8



#12
1,1-Dichloroethene
Concen: 86.823 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion: 96 Resp: 251399
Ion Ratio Lower Upper
96 100
61 165.1 113.0 209.9
63 137.0 91.7 170.3





#13

Acetone

Concen: 154.605 ug/L

RT: 2.633 min Scan# 402

Delta R.T. 0.010 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

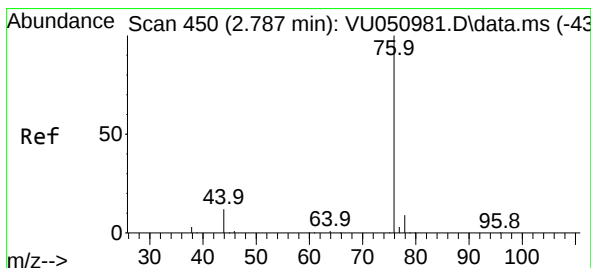
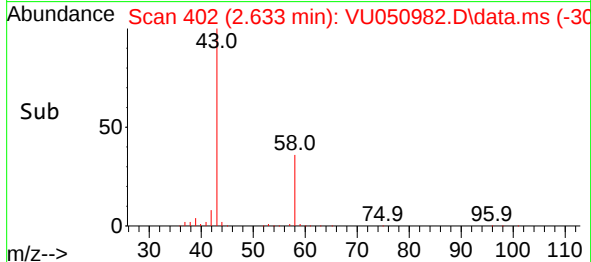
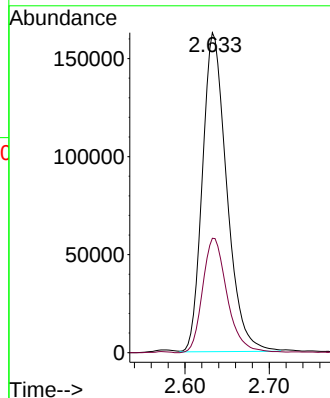
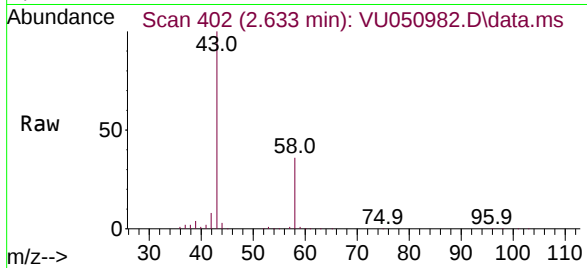
ClientSampleId :

Tgt Ion: 43 Resp: 326727

Ion Ratio Lower Upper

43 100

58 36.2 0.0 73.6



#14

Carbon disulfide

Concen: 81.451 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050982.D

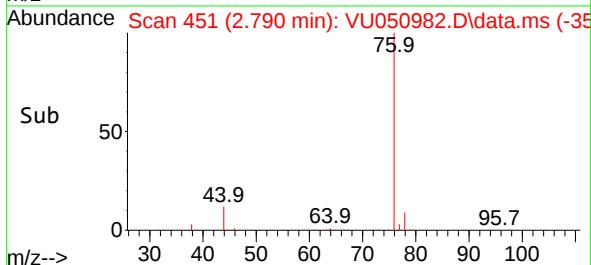
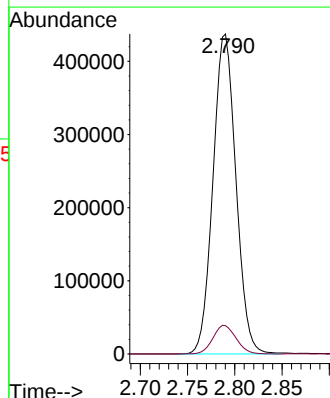
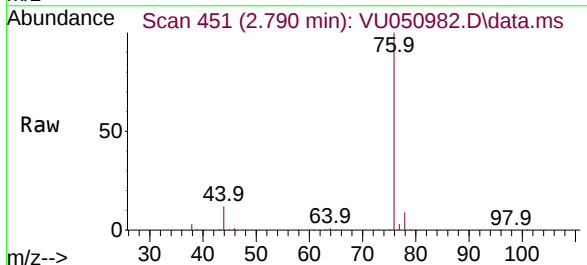
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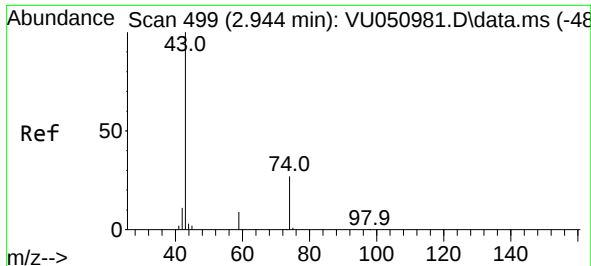
Tgt Ion: 76 Resp: 738037

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

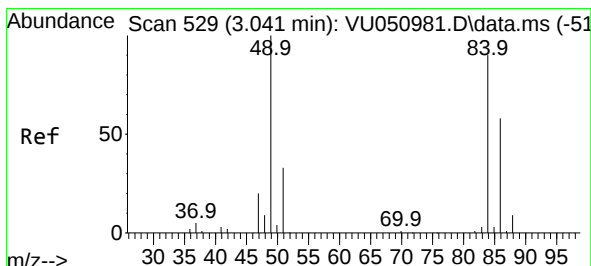
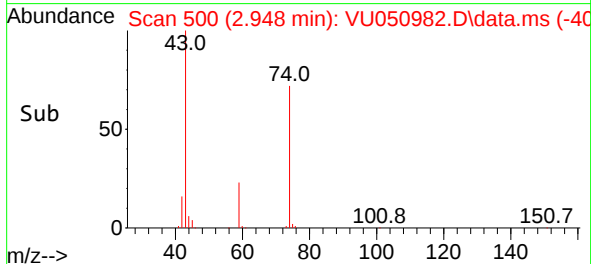
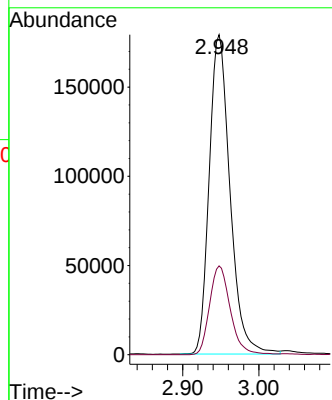
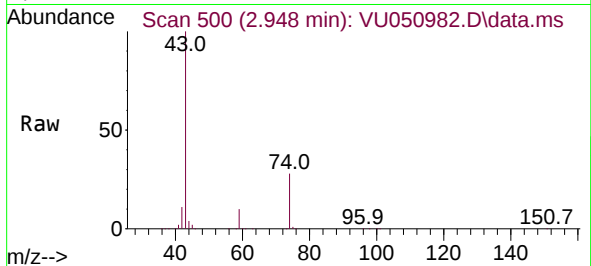




#15
Methyl Acetate
Concen: 85.155 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

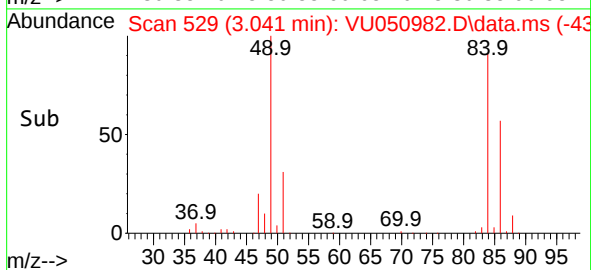
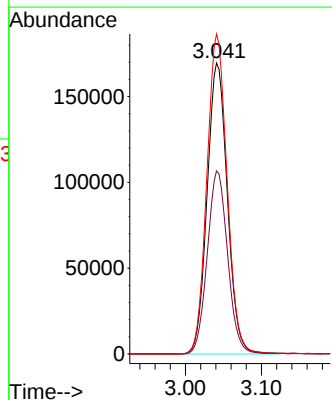
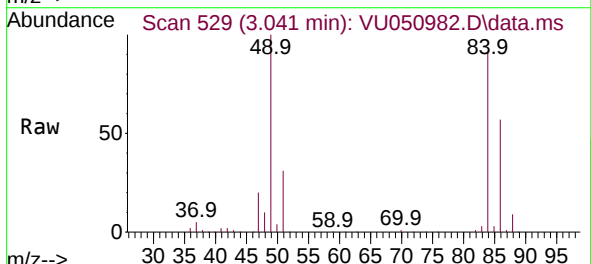
Instrument :
MSVOA_U
ClientSampleId :

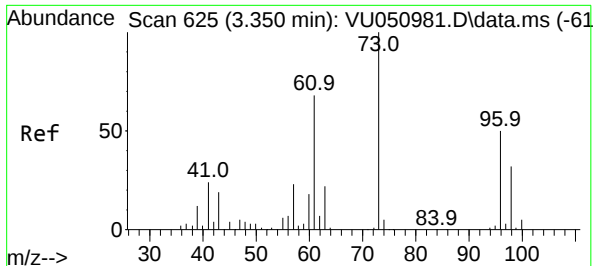
Tgt Ion: 43 Resp: 339970
Ion Ratio Lower Upper
43 100
74 27.6 22.4 33.6



#16
Methylene chloride
Concen: 77.517 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion: 84 Resp: 313642
Ion Ratio Lower Upper
84 100
86 62.9 45.4 84.4
49 110.0 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 89.613 ug/L

RT: 3.350 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

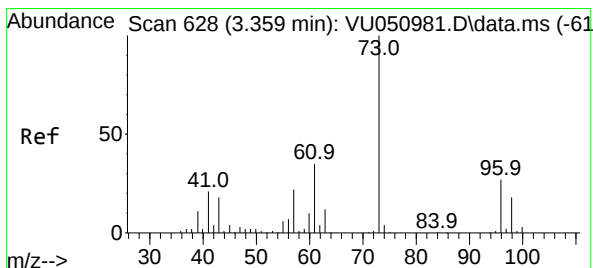
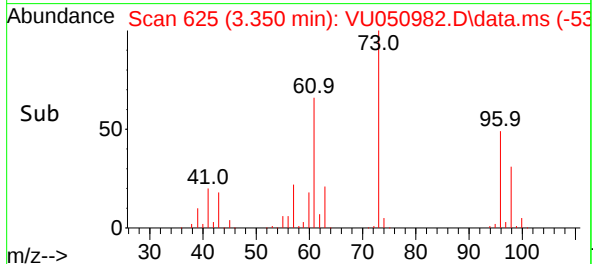
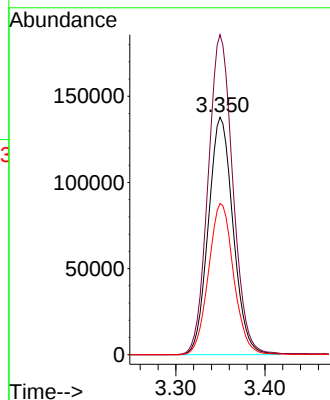
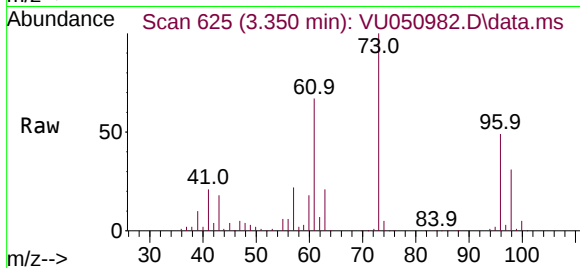
Tgt Ion: 96 Resp: 266709

Ion Ratio Lower Upper

96 100

61 134.8 95.1 176.5

98 63.7 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 95.469 ug/L

RT: 3.362 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

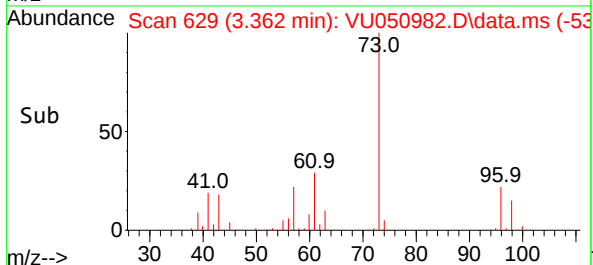
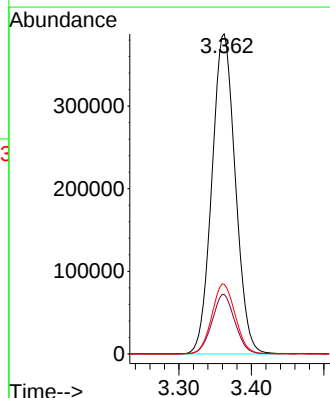
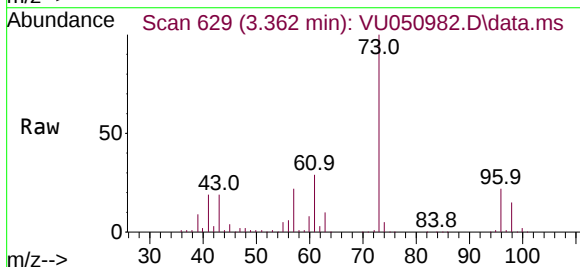
Tgt Ion: 73 Resp: 869371

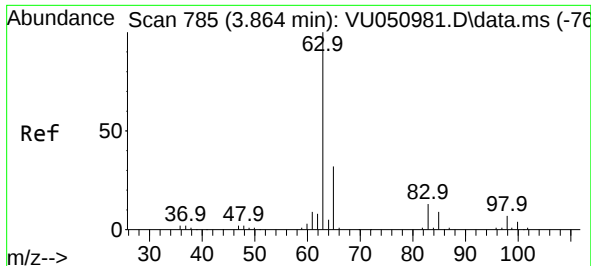
Ion Ratio Lower Upper

73 100

43 18.1 14.7 22.1

57 21.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 84.918 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

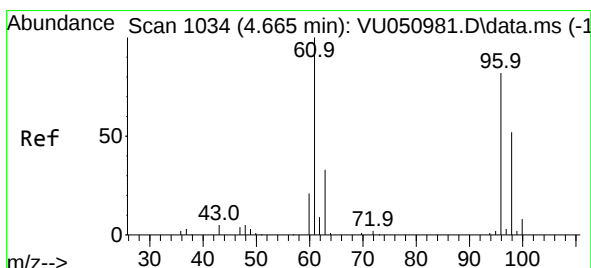
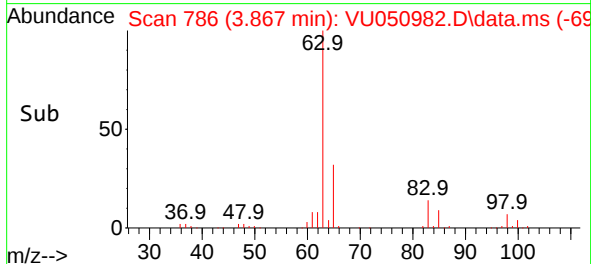
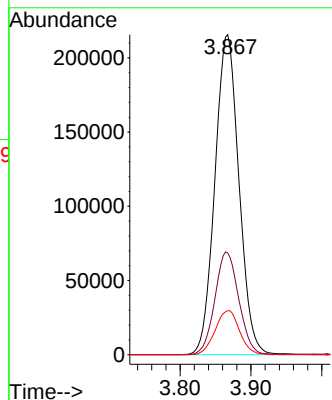
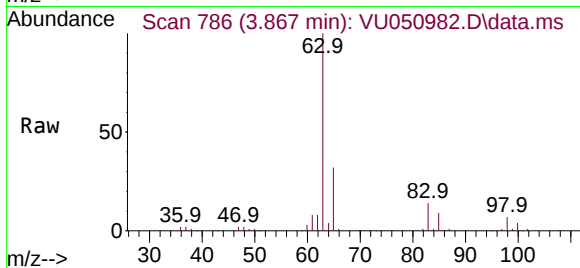
Tgt Ion: 63 Resp: 507863

Ion Ratio Lower Upper

63 100

65 31.8 22.6 42.0

83 13.8 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 95.328 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.003 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

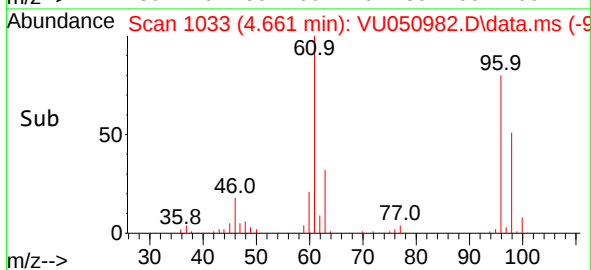
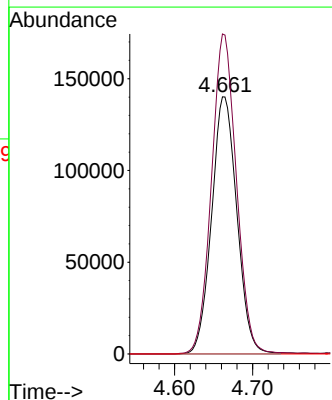
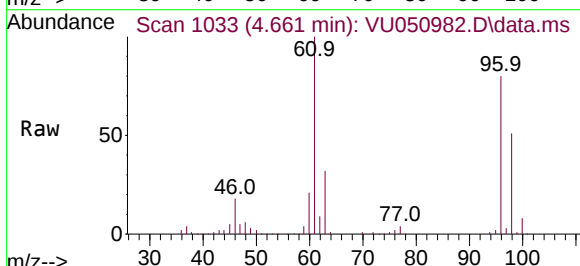
Tgt Ion: 96 Resp: 315541

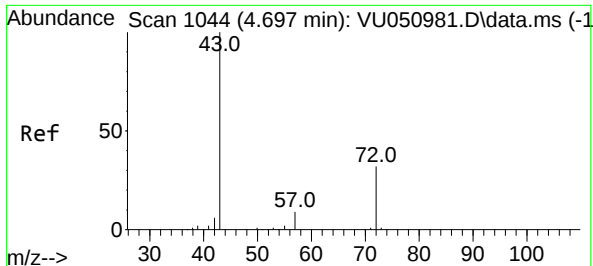
Ion Ratio Lower Upper

96 100

61 124.4 85.4 158.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 191.236 ug/L

RT: 4.703 min Scan# 110

Delta R.T. 0.006 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

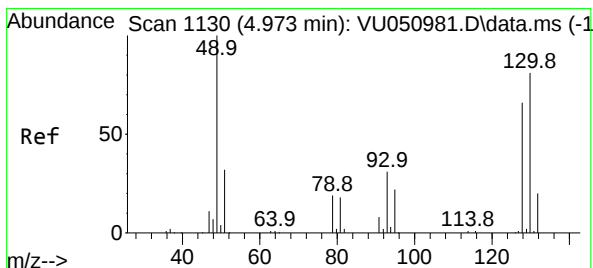
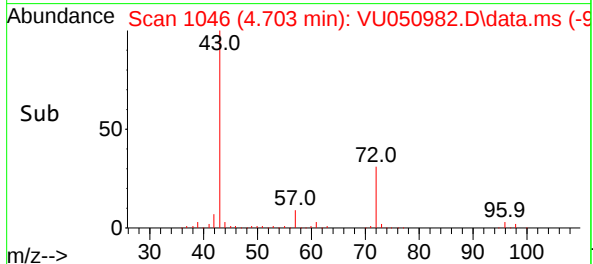
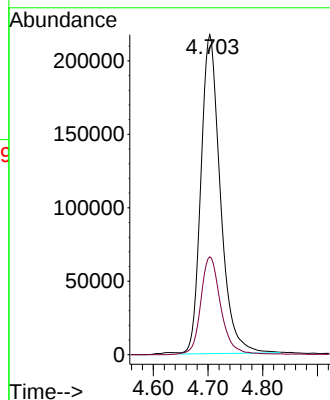
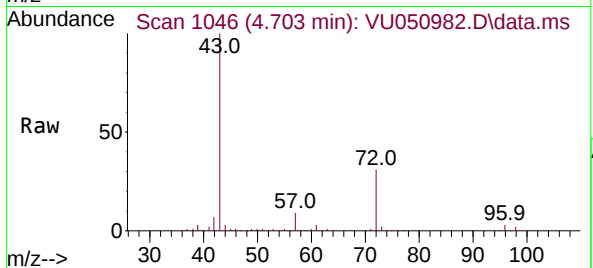
ClientSampleId :

Tgt Ion: 43 Resp: 534864

Ion Ratio Lower Upper

43 100

72 31.7 15.8 47.4



#23

Bromochloromethane

Concen: 93.624 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Tgt Ion: 128 Resp: 164522

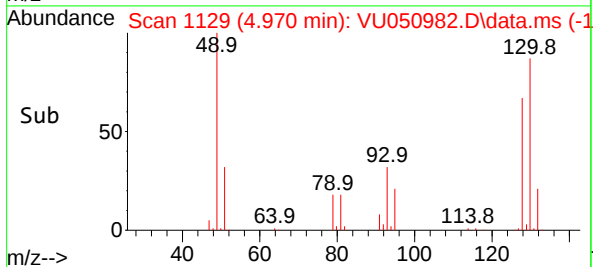
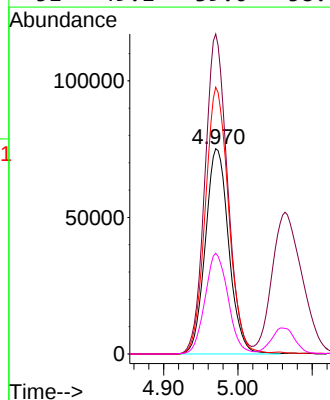
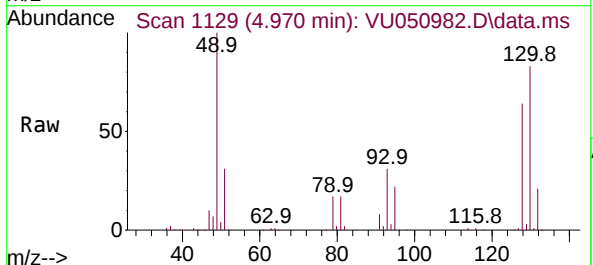
Ion Ratio Lower Upper

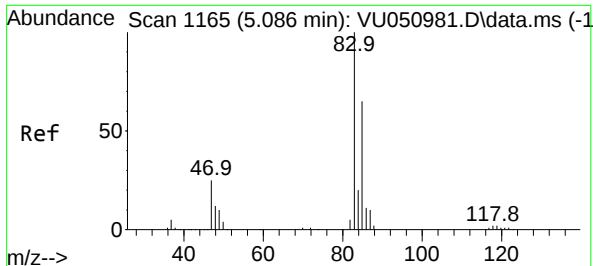
128 100

49 155.9 106.9 198.5

130 129.9 86.2 160.0

51 49.1 39.0 58.4





#25

Chloroform

Concen: 91.706 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

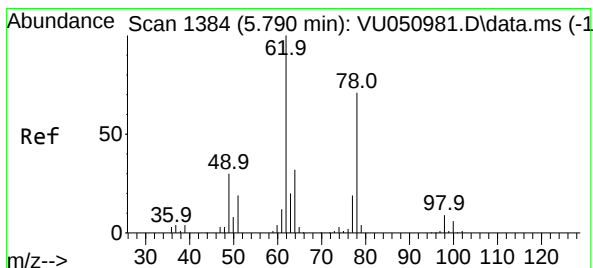
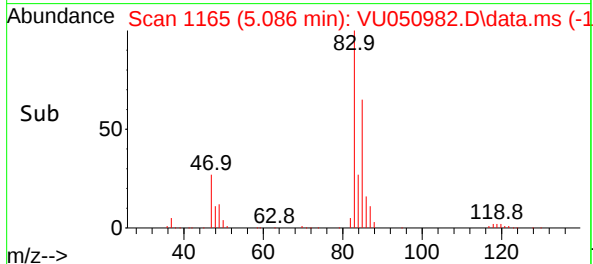
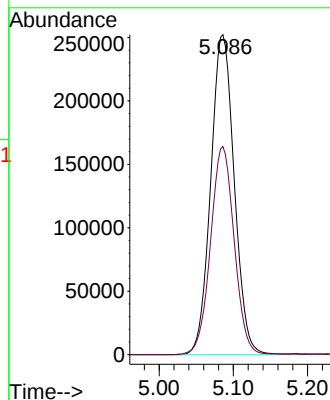
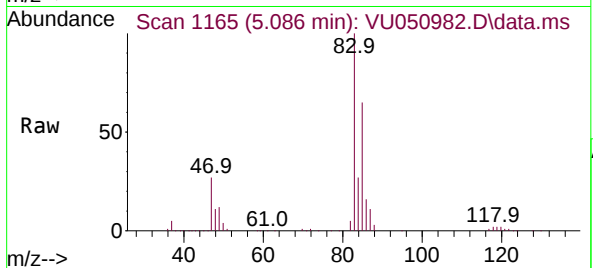
ClientSampleId :

Tgt Ion: 83 Resp: 555104

Ion Ratio Lower Upper

83 100

85 65.1 45.7 84.9



#27

1,2-Dichloroethane

Concen: 91.359 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU050982.D

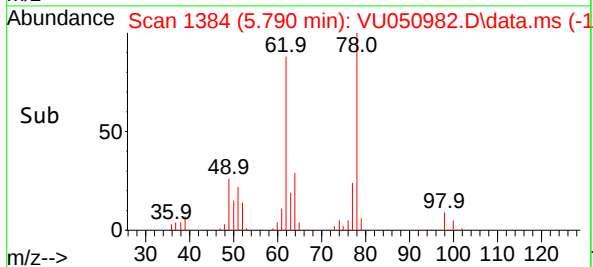
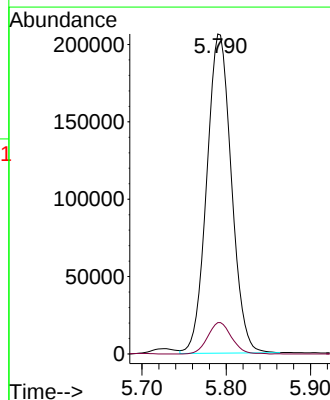
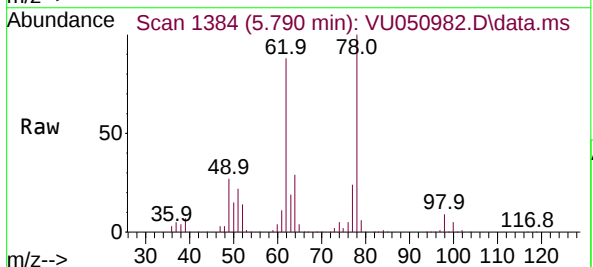
Acq: 29 Sep 2022 16:04

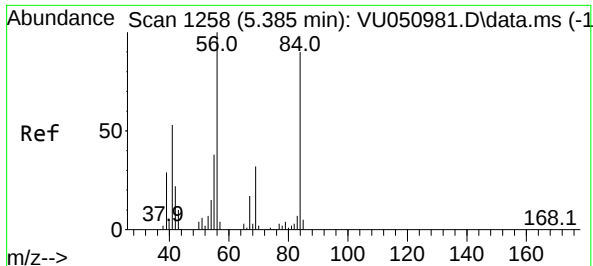
Tgt Ion: 62 Resp: 419477

Ion Ratio Lower Upper

62 100

98 9.8 7.3 10.9





#29

Cyclohexane

Concen: 79.844 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.000 min

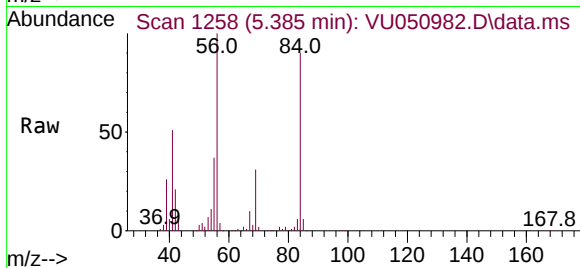
Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :



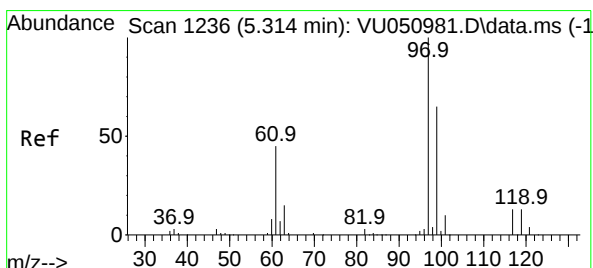
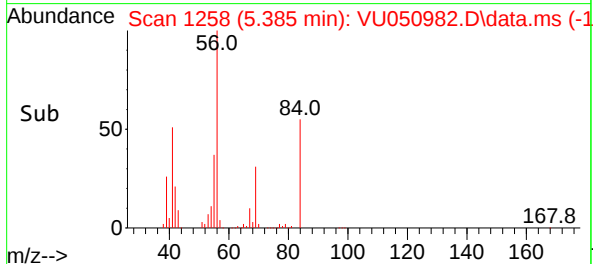
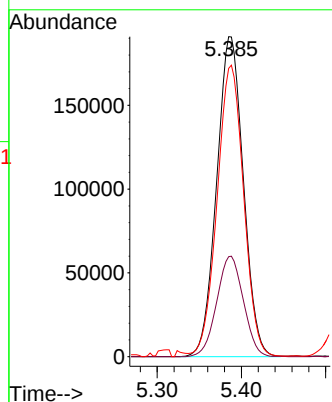
Tgt Ion: 56 Resp: 419746

Ion Ratio Lower Upper

56 100

69 31.3 24.8 37.2

84 90.7 71.8 107.6



#30

1,1,1-Trichloroethane

Concen: 85.706 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

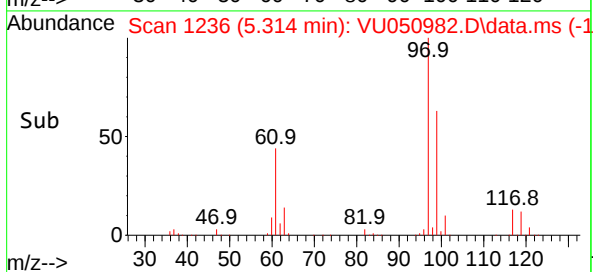
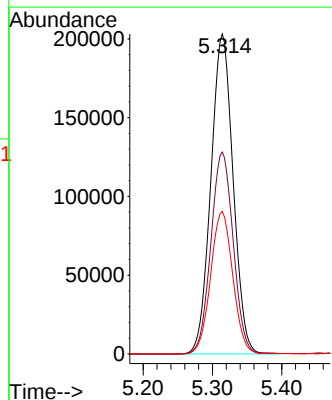
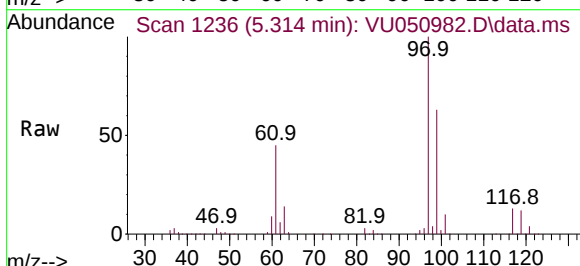
Tgt Ion: 97 Resp: 452559

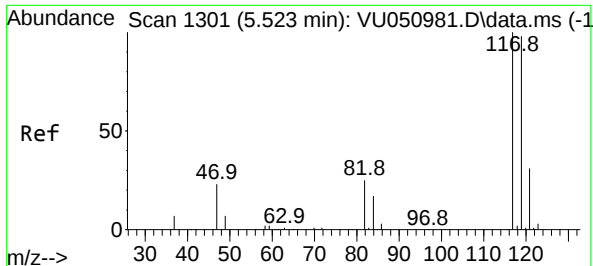
Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.2

61 44.5 36.0 54.0

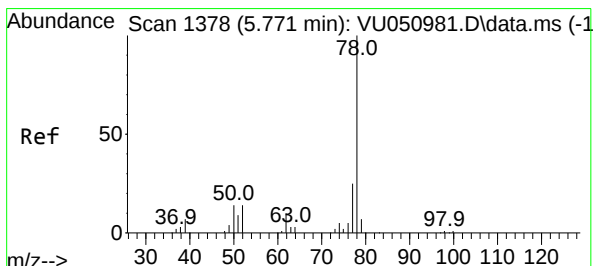
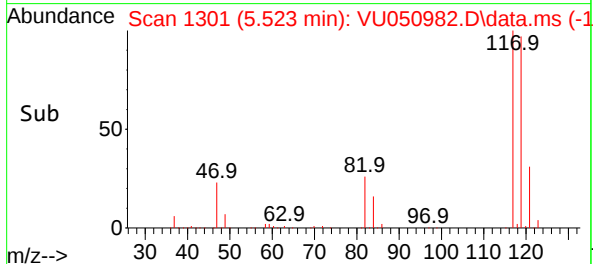
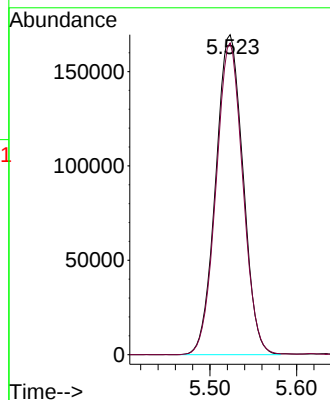
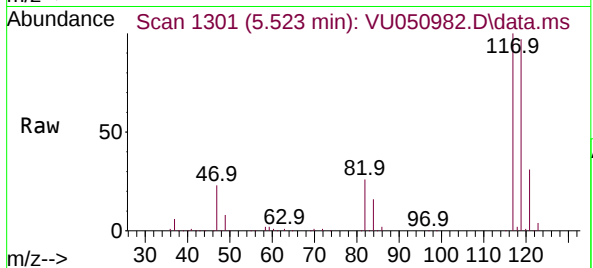




#31
Carbon tetrachloride
Concen: 84.913 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

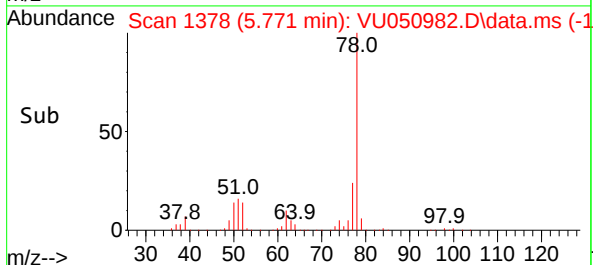
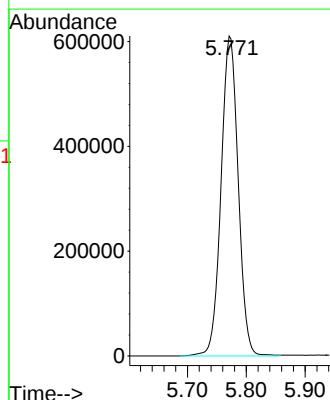
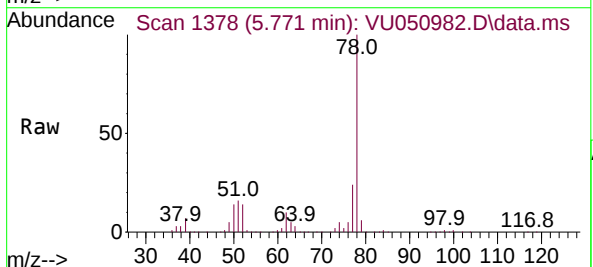
Instrument :
MSVOA_U
ClientSampleId :

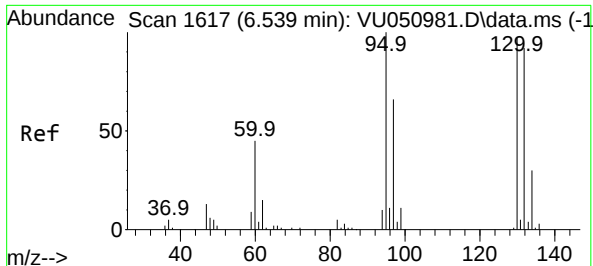
Tgt Ion:117 Resp: 371733
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5



#33
Benzene
Concen: 85.627 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion: 78 Resp: 1237180

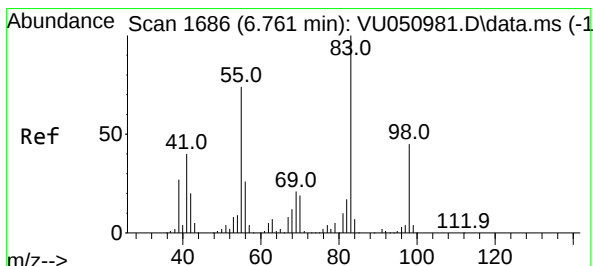
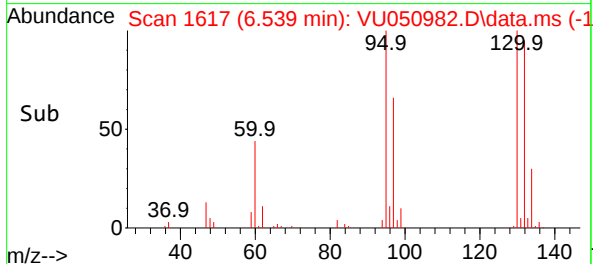
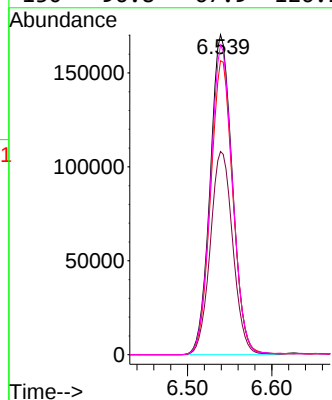
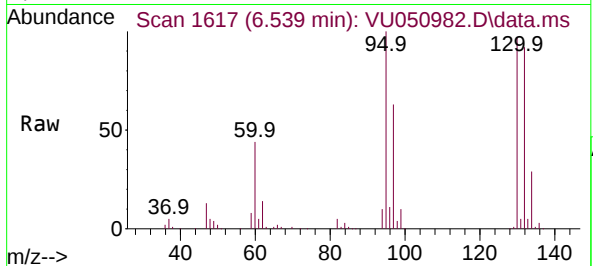




#34
Trichloroethene
Concen: 91.023 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

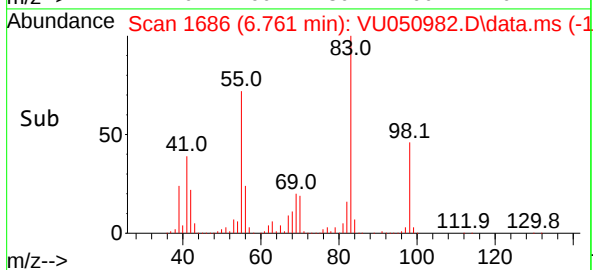
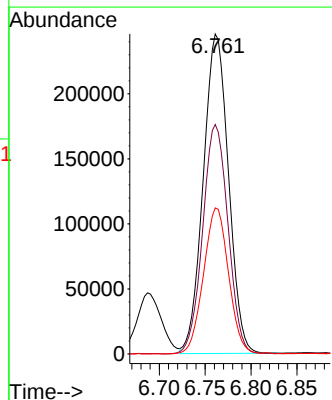
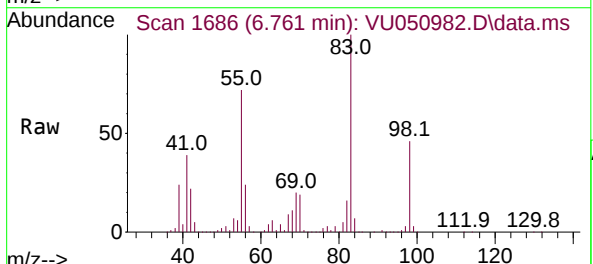
Instrument :
MSVOA_U
ClientSampleId :

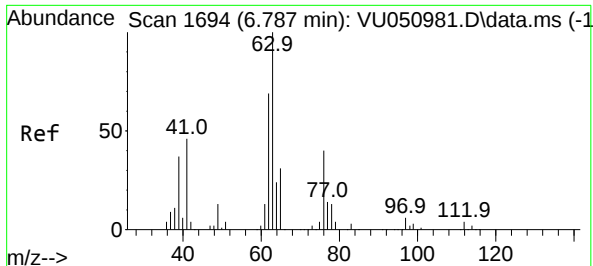
Tgt Ion: 95 Resp: 311303
Ion Ratio Lower Upper
95 100
97 63.5 45.9 85.3
132 91.8 64.0 119.0
130 96.8 67.9 126.1



#35
Methylcyclohexane
Concen: 88.046 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion: 83 Resp: 470444
Ion Ratio Lower Upper
83 100
55 71.9 59.3 88.9
98 45.5 36.0 54.0





#37

1,2-Dichloropropane

Concen: 81.987 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

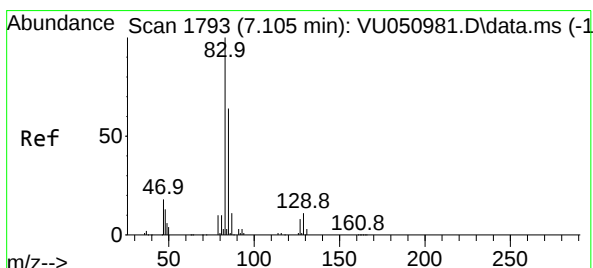
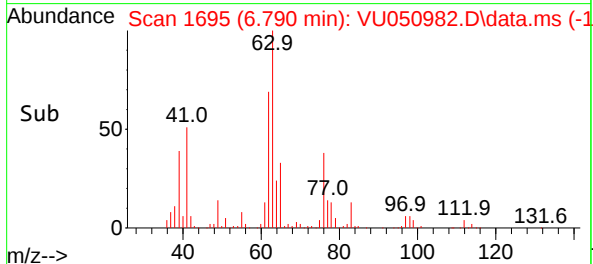
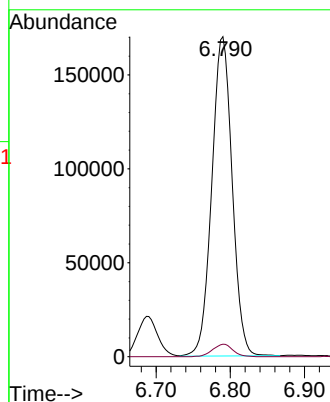
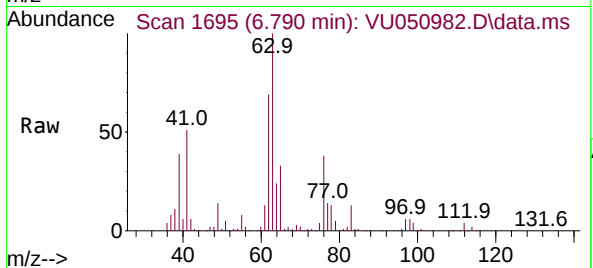
ClientSampleId :

Tgt Ion: 63 Resp: 323906

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 88.226 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

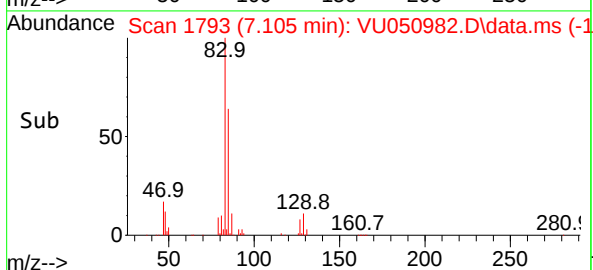
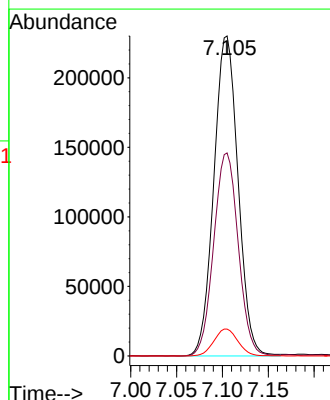
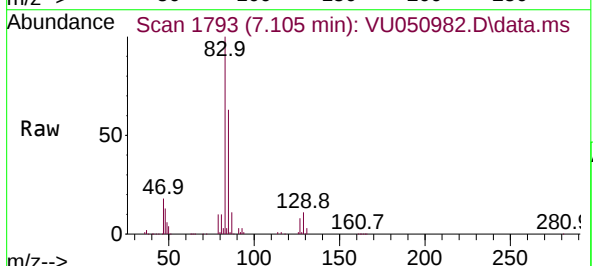
Tgt Ion: 83 Resp: 422762

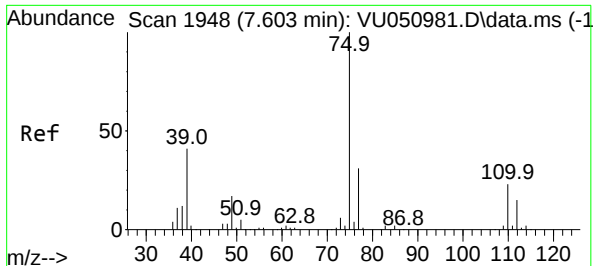
Ion Ratio Lower Upper

83 100

85 63.5 45.1 83.7

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 92.778 ug/L

RT: 7.607 min Scan# 1948

Delta R.T. 0.003 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

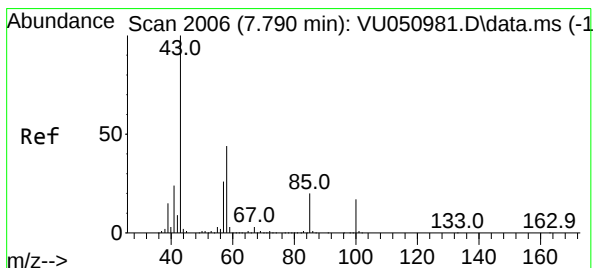
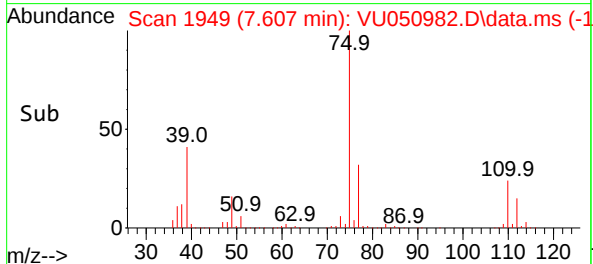
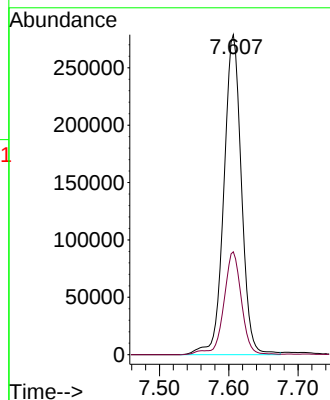
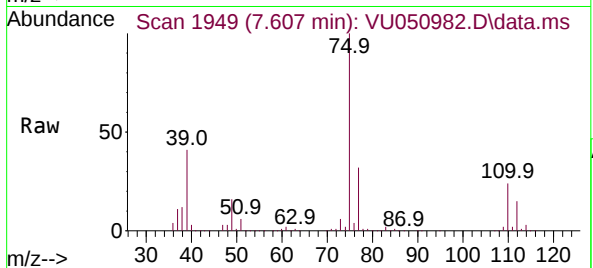
ClientSampleId :

Tgt Ion: 75 Resp: 492674

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 185.609 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

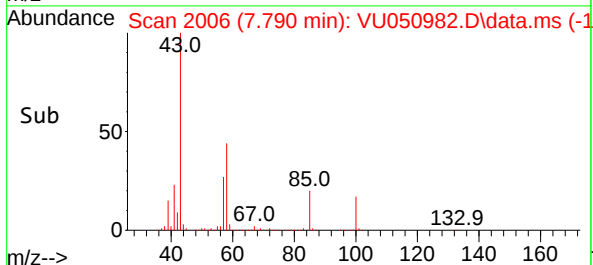
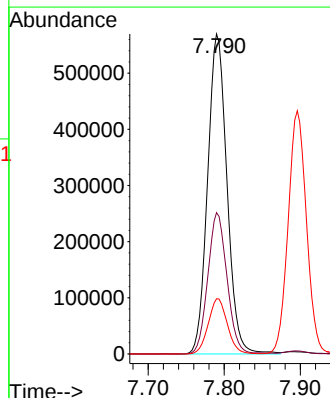
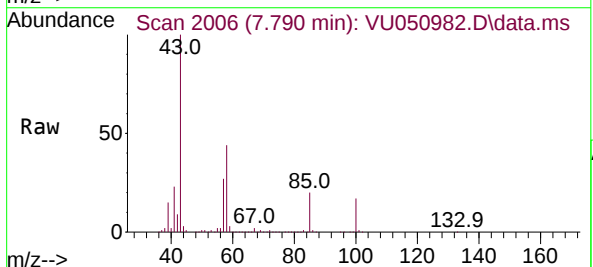
Tgt Ion: 43 Resp: 1008541

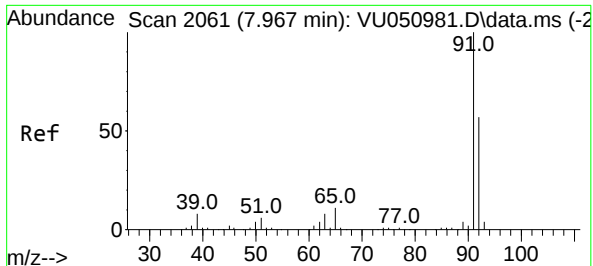
Ion Ratio Lower Upper

43 100

58 43.6 35.0 52.4

100 17.0 13.3 19.9





#42

Toluene

Concen: 93.986 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

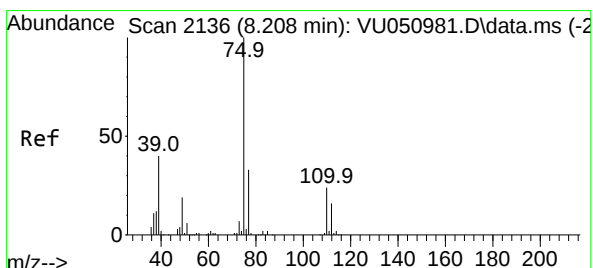
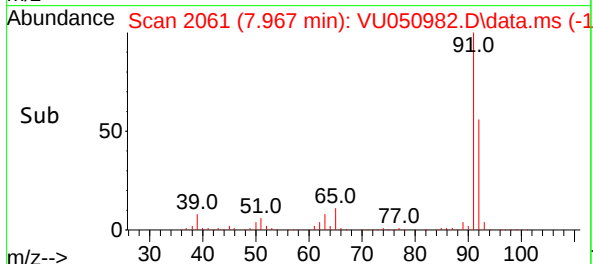
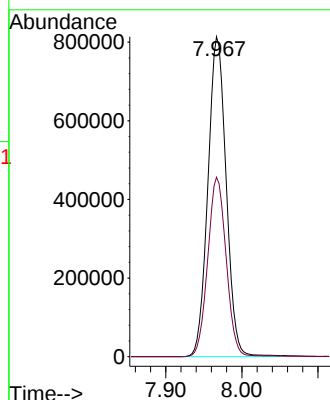
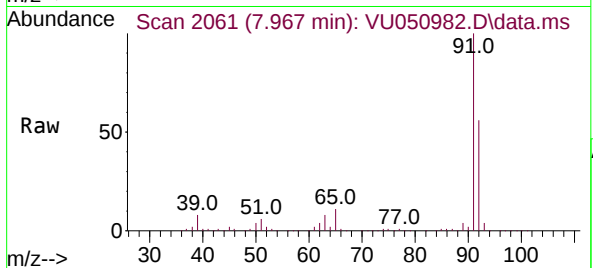
ClientSampleId :

Tgt Ion: 91 Resp: 1358180

Ion Ratio Lower Upper

91 100

92 56.1 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 95.056 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU050982.D

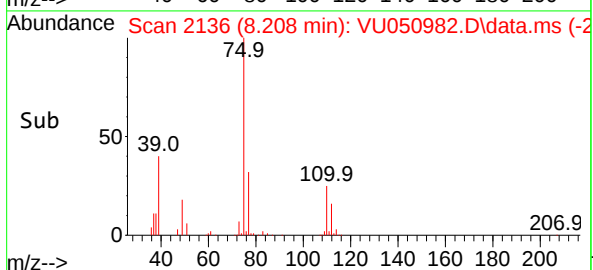
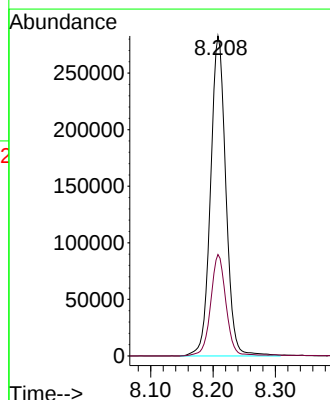
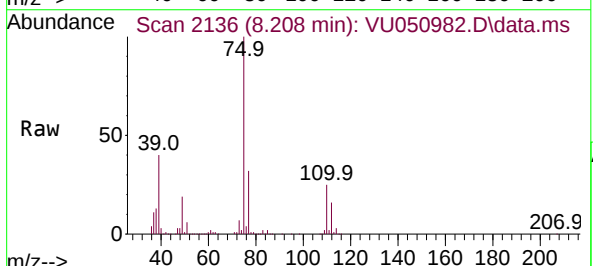
Acq: 29 Sep 2022 16:04

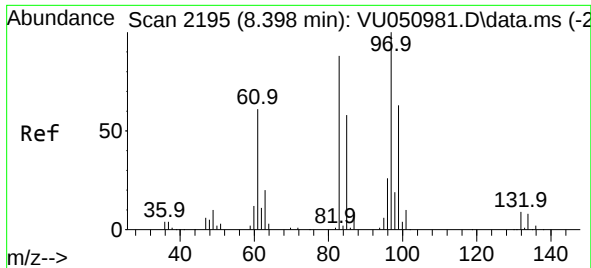
Tgt Ion: 75 Resp: 483287

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.3



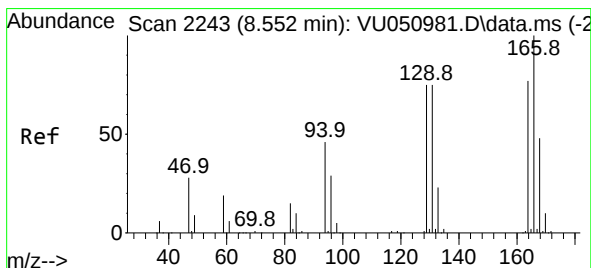
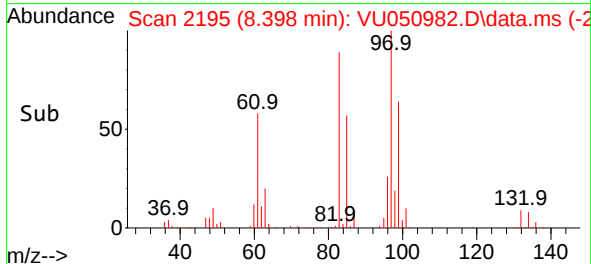
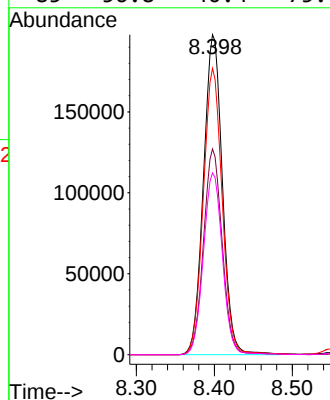
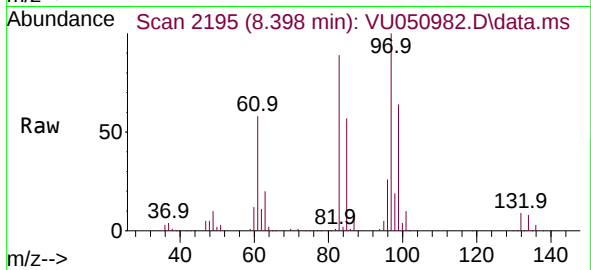


#45
1,1,2-Trichloroethane
Concen: 89.646 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 333975

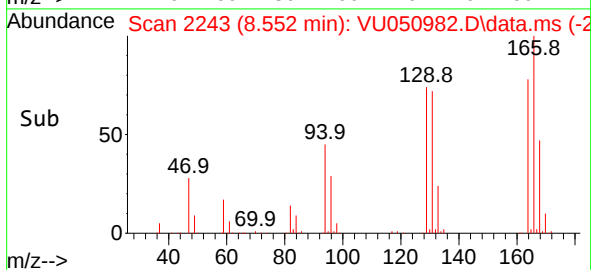
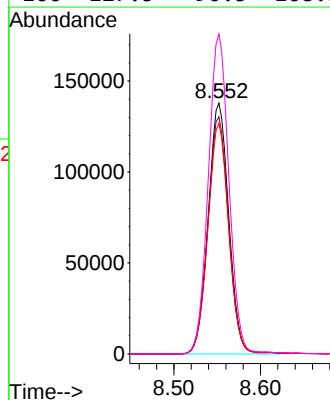
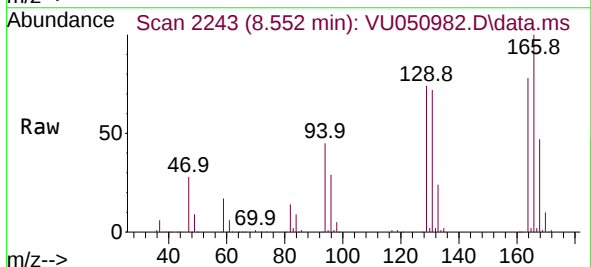
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.4	82.4
83	89.5	61.7	114.5
85	56.8	40.4	75.0

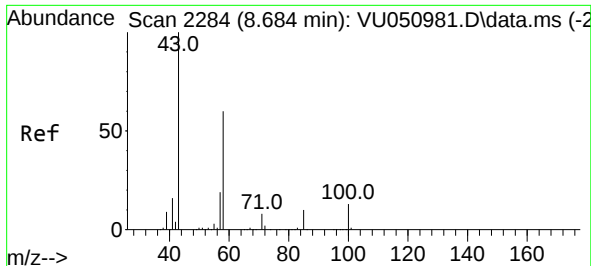


#46
Tetrachloroethene
Concen: 92.330 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion: 164 Resp: 228121

Ion	Ratio	Lower	Upper
164	100		
129	94.5	68.1	126.5
131	91.9	67.8	126.0
166	127.5	90.5	168.1

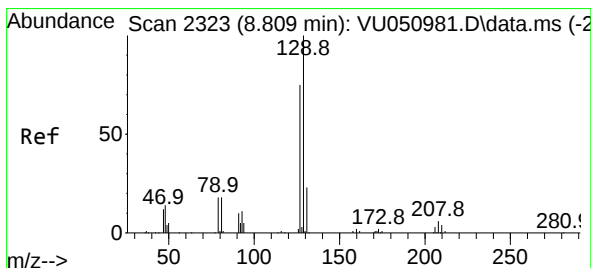
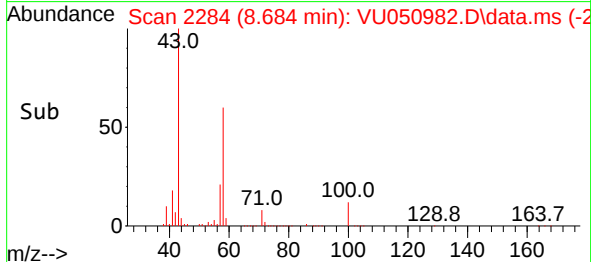
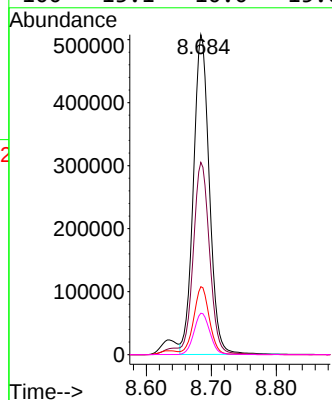
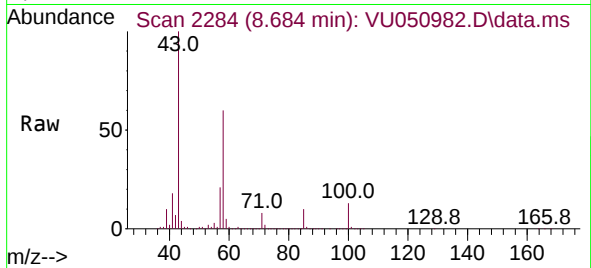




#48
2-Hexanone
Concen: 187.546 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

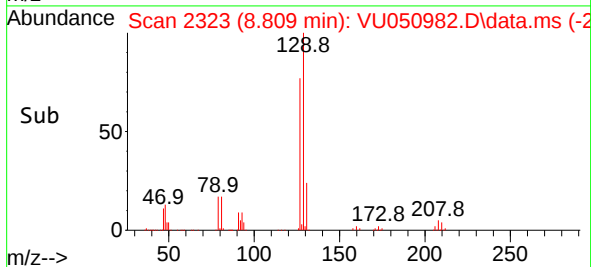
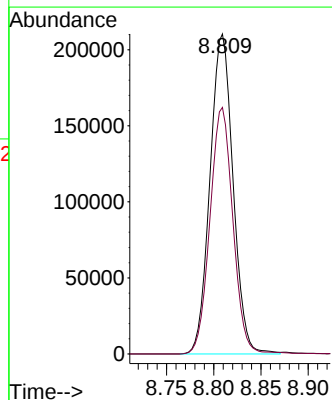
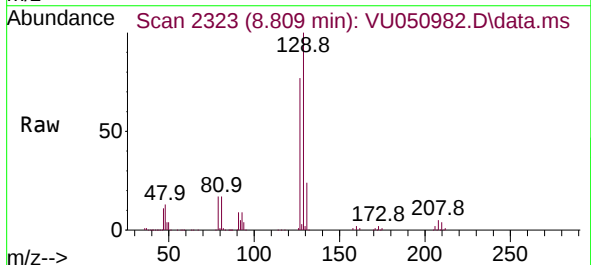
Instrument :
MSVOA_U
ClientSampleId :

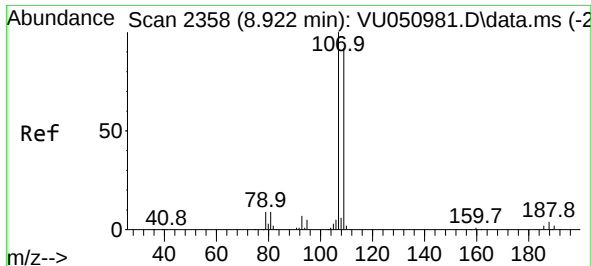
Tgt Ion: 43 Resp: 866459
Ion Ratio Lower Upper
43 100
58 61.3 48.3 72.5
57 20.8 15.9 23.9
100 13.1 10.0 15.0



#49
Dibromochloromethane
Concen: 96.647 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion: 129 Resp: 357013
Ion Ratio Lower Upper
129 100
127 77.0 52.8 98.0





#50

1,2-Dibromoethane

Concen: 96.545 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

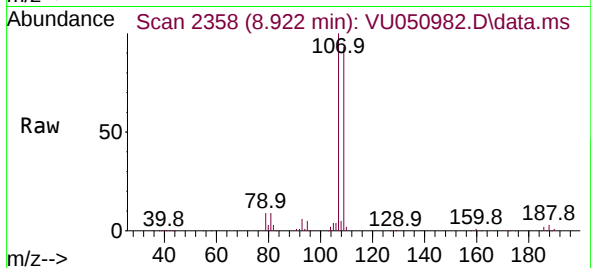
Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :



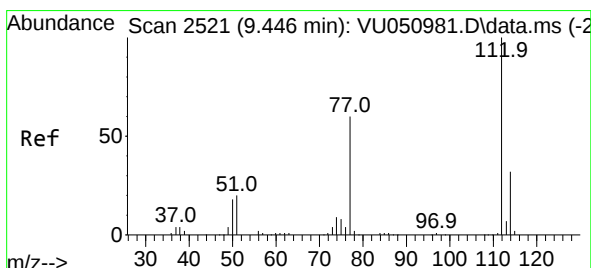
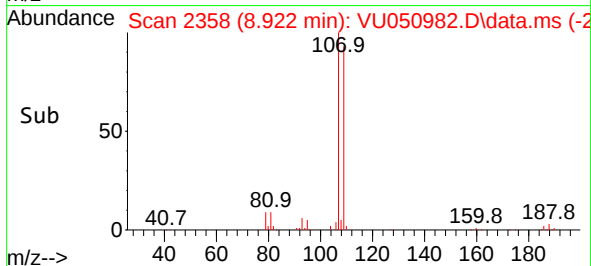
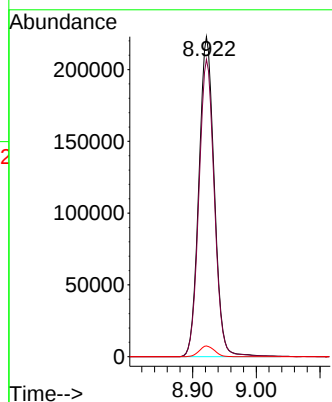
Tgt Ion:107 Resp: 374350

Ion Ratio Lower Upper

107 100

109 92.9 64.1 119.1

188 3.3 2.9 4.3



#51

Chlorobenzene

Concen: 95.070 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

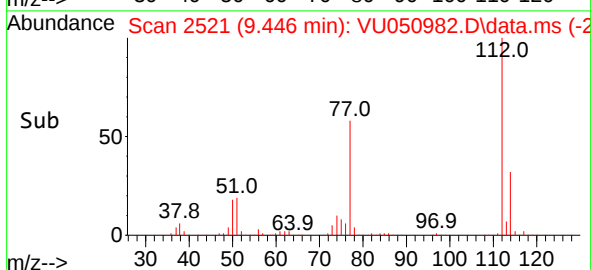
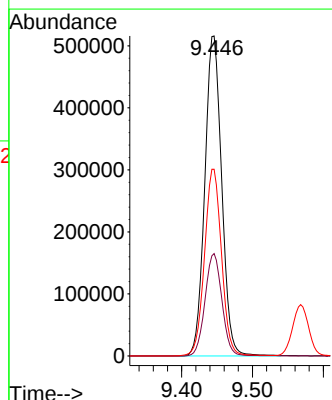
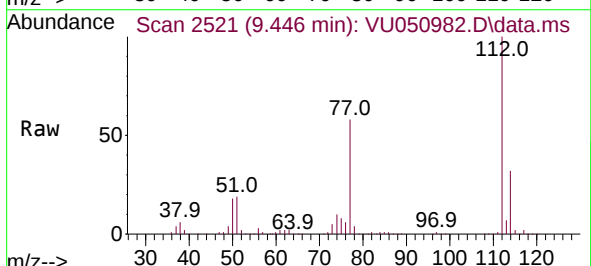
Tgt Ion:112 Resp: 855471

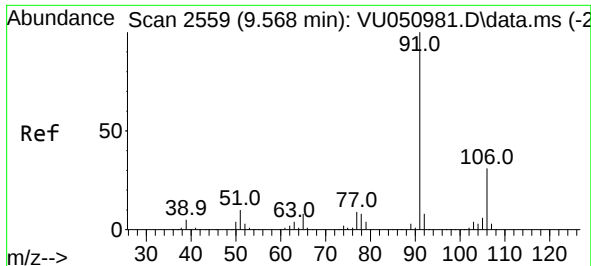
Ion Ratio Lower Upper

112 100

114 32.0 22.3 41.3

77 58.4 48.2 72.2

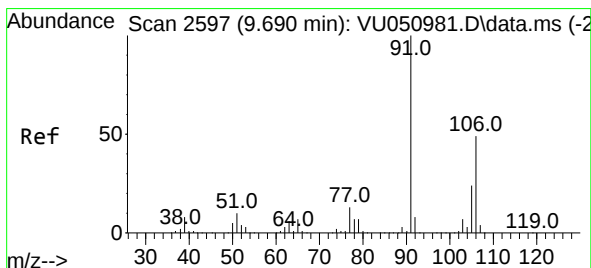
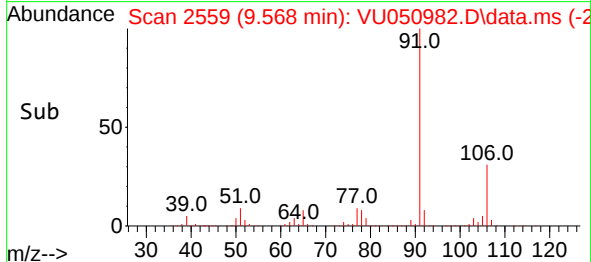
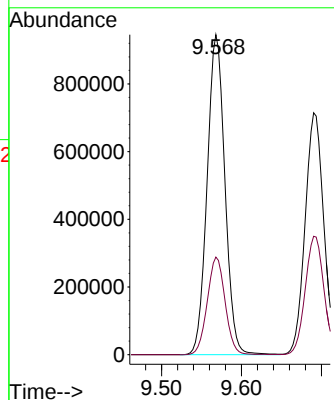
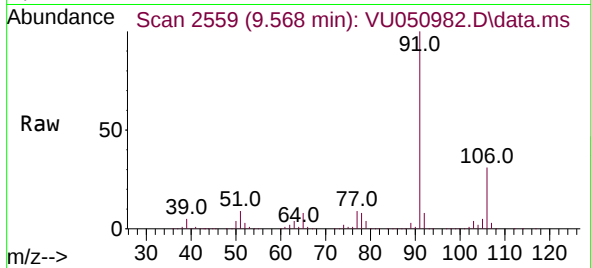




#52
Ethylbenzene
Concen: 99.453 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

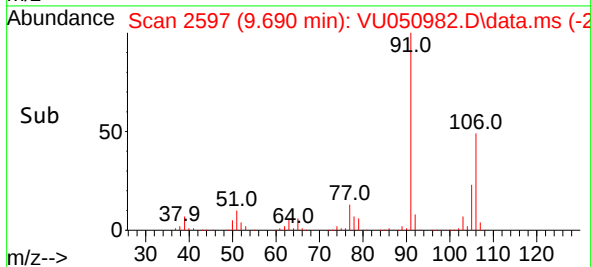
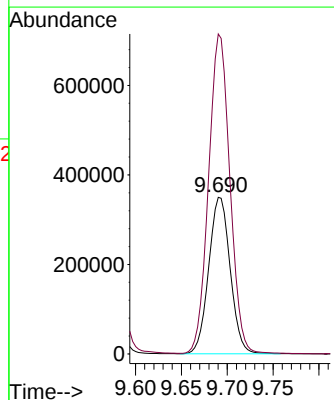
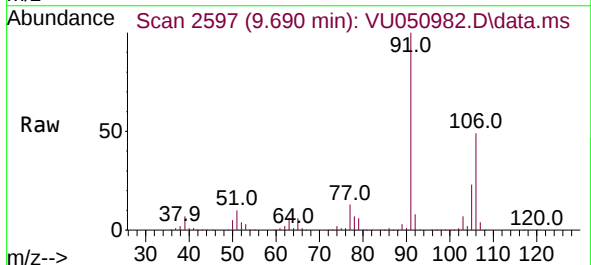
Instrument :
MSVOA_U
ClientSampleId :

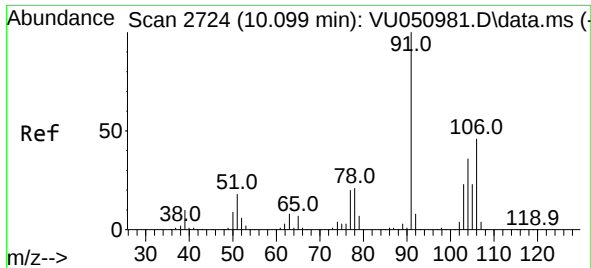
Tgt Ion: 91 Resp: 1463294
Ion Ratio Lower Upper
91 100
106 30.5 21.7 40.3



#53
m,p-Xylene
Concen: 104.841 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion: 106 Resp: 569418
Ion Ratio Lower Upper
106 100
91 204.2 141.9 263.5

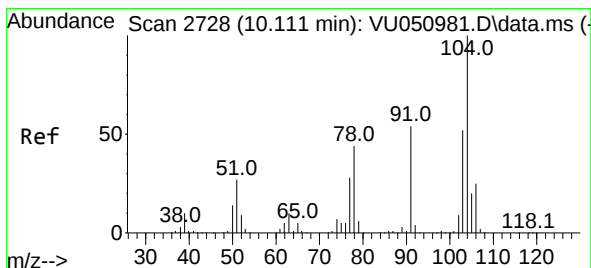
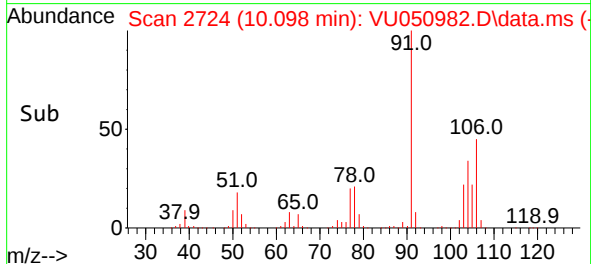
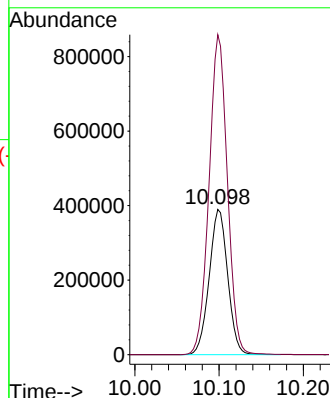
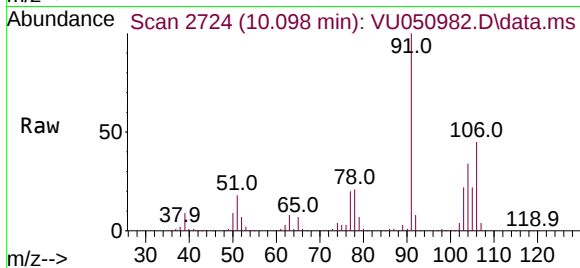




#54
o-Xylene
Concen: 109.645 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

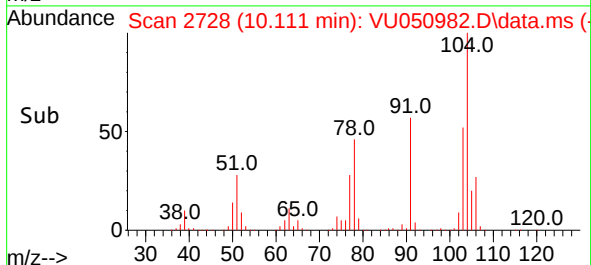
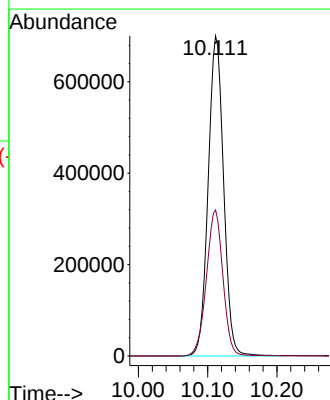
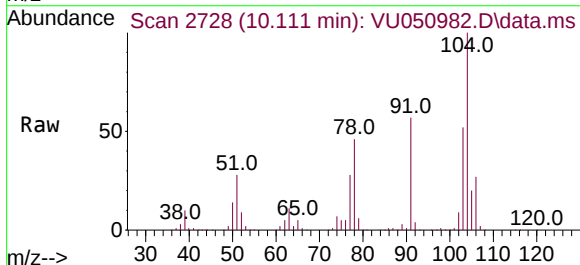
Instrument :
MSVOA_U
ClientSampleId :

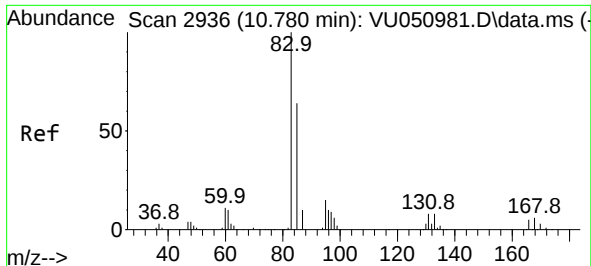
Tgt Ion:106 Resp: 595343
Ion Ratio Lower Upper
106 100
91 220.2 152.4 283.0



#55
Styrene
Concen: 115.824 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion:104 Resp: 1080411
Ion Ratio Lower Upper
104 100
78 45.7 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 91.012 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

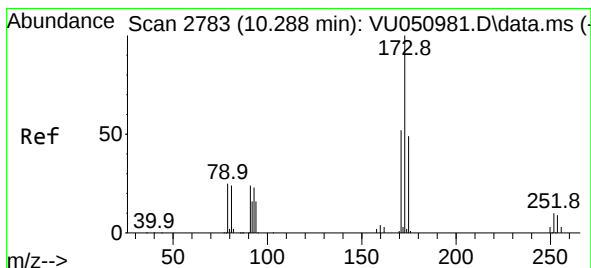
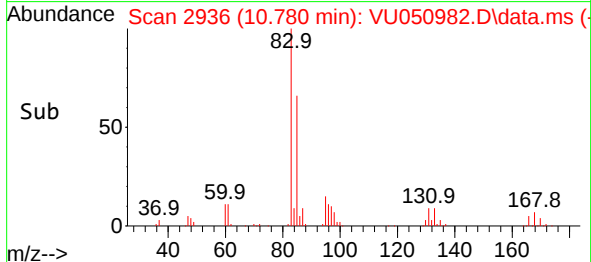
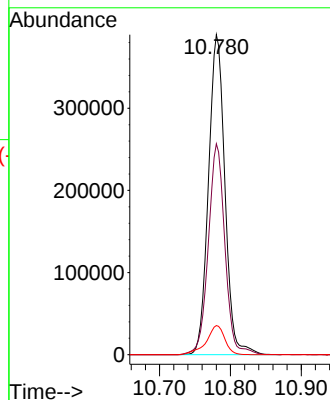
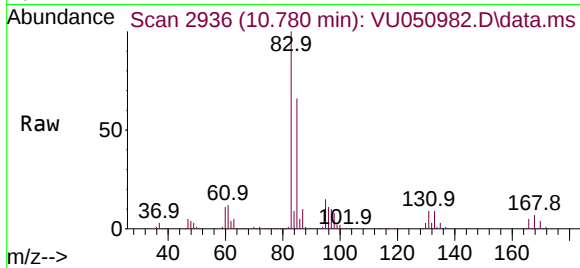
Tgt Ion: 83 Resp: 628233

Ion Ratio Lower Upper

83 100

85 65.9 44.7 83.1

131 9.1 7.0 10.4



#59

Bromoform

Concen: 92.210 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

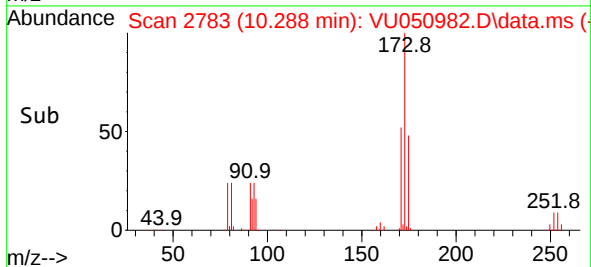
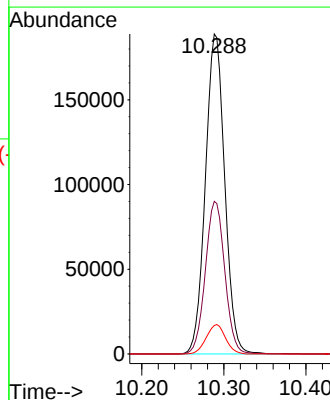
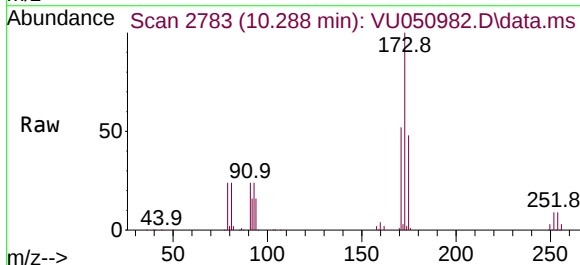
Tgt Ion:173 Resp: 308707

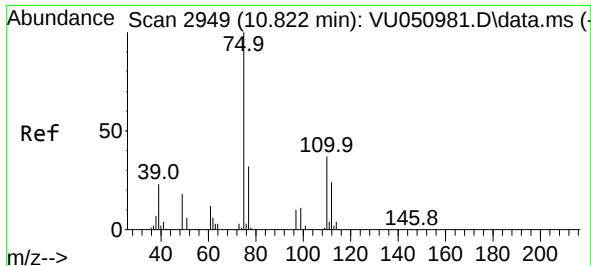
Ion Ratio Lower Upper

173 100

175 48.0 39.4 59.0

254 9.2 7.4 11.0

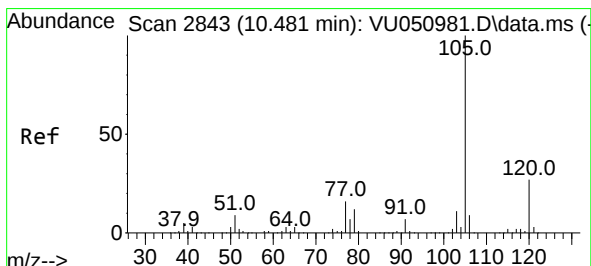
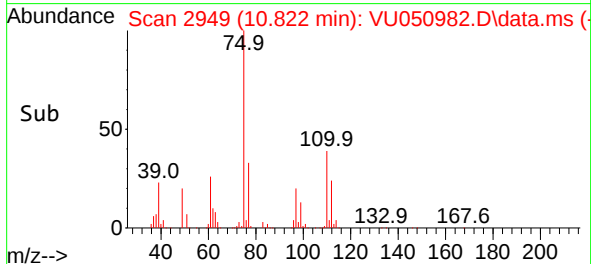
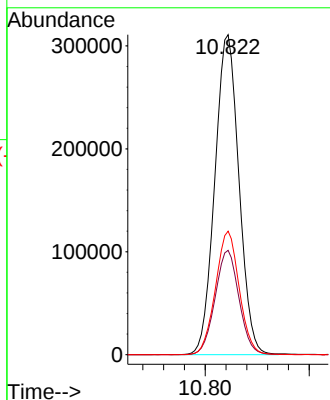
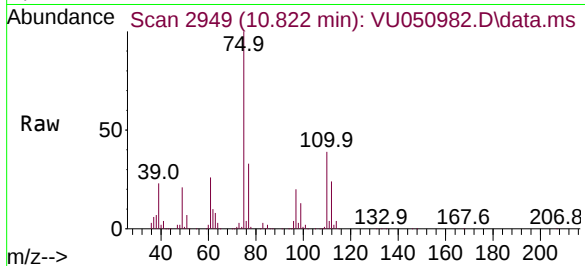




#60
1,2,3-Trichloropropane
Concen: 77.523 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

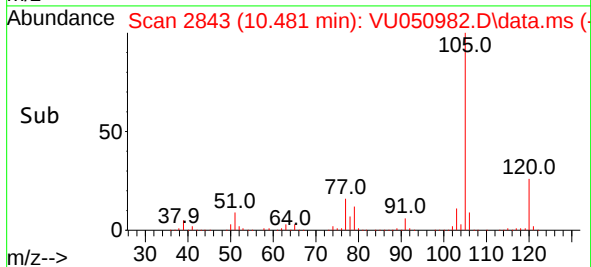
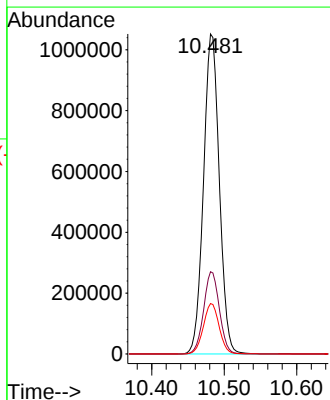
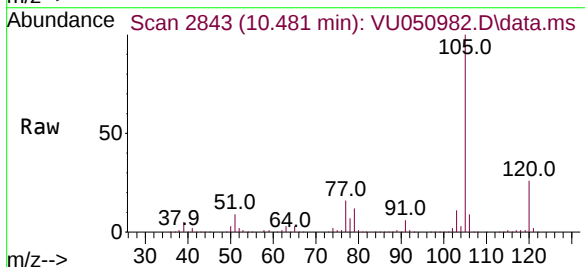
Instrument :
MSVOA_U
ClientSampleId :

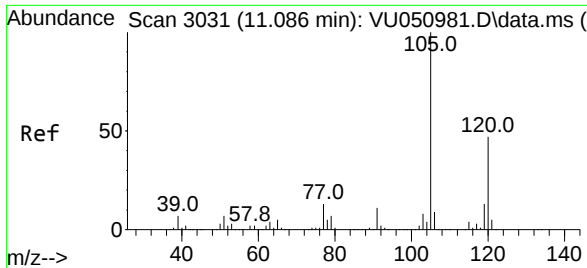
Tgt Ion: 75 Resp: 500985
Ion Ratio Lower Upper
75 100
77 32.4 26.1 39.1
110 38.0 30.0 45.0



#61
Isopropylbenzene
Concen: 97.698 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion: 105 Resp: 1594343
Ion Ratio Lower Upper
105 100
120 25.6 21.1 31.7
77 15.7 12.8 19.2

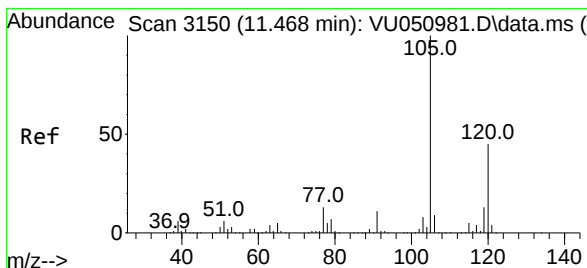
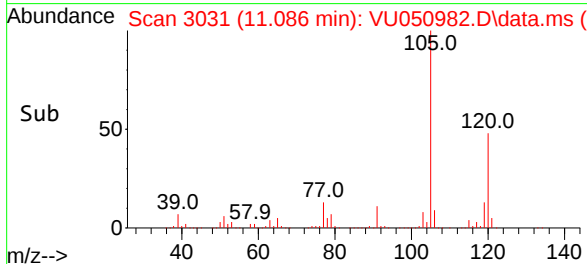
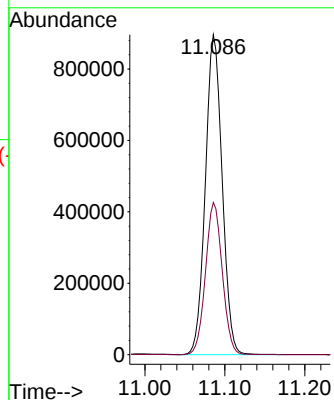
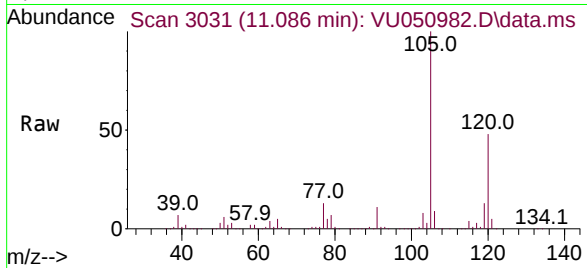




#62
 1,3,5-Trimethylbenzene
 Concen: 96.590 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. -0.000 min
 Lab File: VU050982.D
 Acq: 29 Sep 2022 16:04

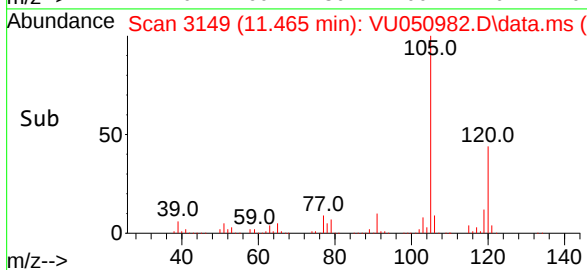
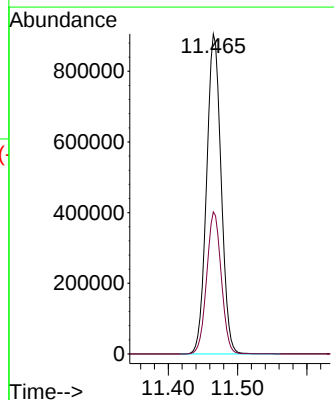
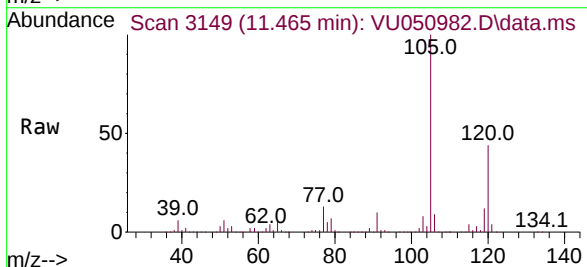
Instrument :
 MSVOA_U
 ClientSampleId :

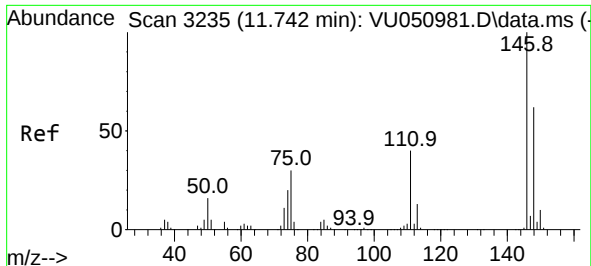
Tgt Ion:105 Resp: 1308558
 Ion Ratio Lower Upper
 105 100
 120 47.6 37.8 56.8



#63
 1,2,4-Trimethylbenzene
 Concen: 99.318 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU050982.D
 Acq: 29 Sep 2022 16:04

Tgt Ion:105 Resp: 1317557
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.5 53.3

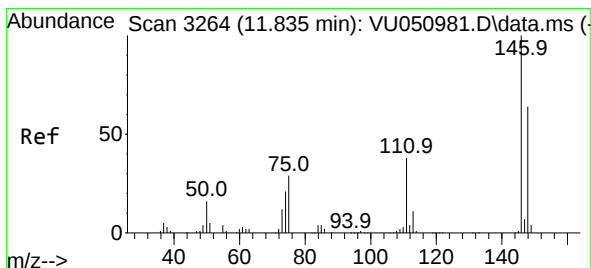
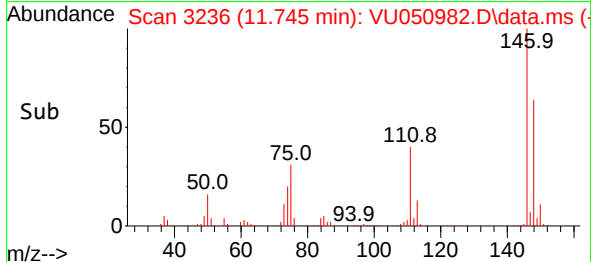
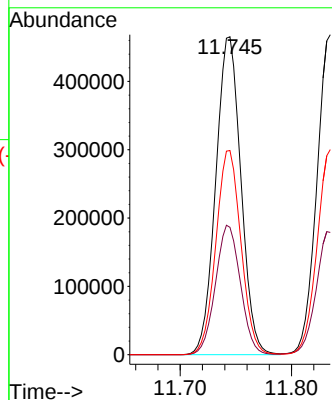
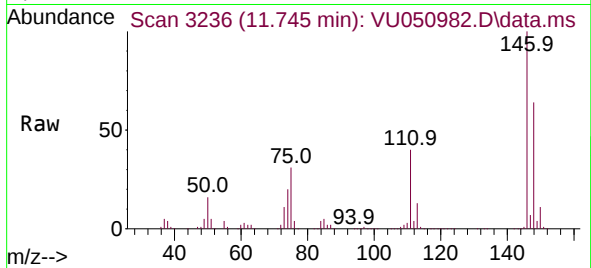




#64
1,3-Dichlorobenzene
Concen: 97.017 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

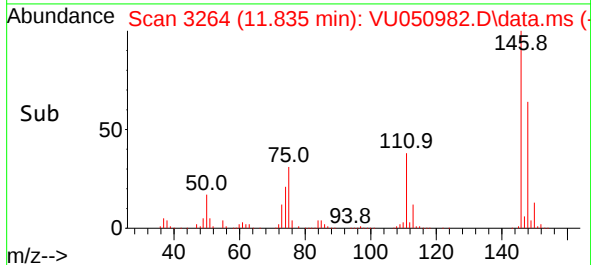
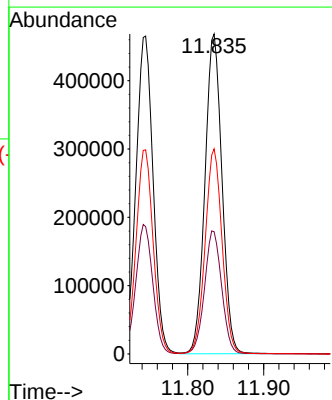
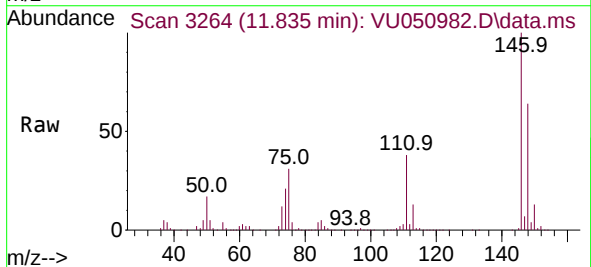
Instrument :
MSVOA_U
ClientSampleId :

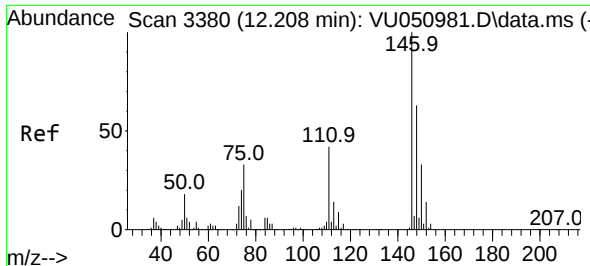
Tgt Ion:146 Resp: 731378
Ion Ratio Lower Upper
146 100
111 40.0 28.2 52.4
148 64.2 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 94.141 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU050982.D
Acq: 29 Sep 2022 16:04

Tgt Ion:146 Resp: 728379
Ion Ratio Lower Upper
146 100
111 38.2 27.0 50.2
148 64.1 45.1 83.9





#67

1,2-Dichlorobenzene

Concen: 87.712 ug/L

RT: 12.211 min Scan# 3380

Delta R.T. 0.003 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

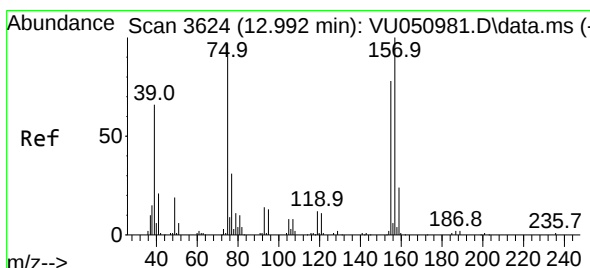
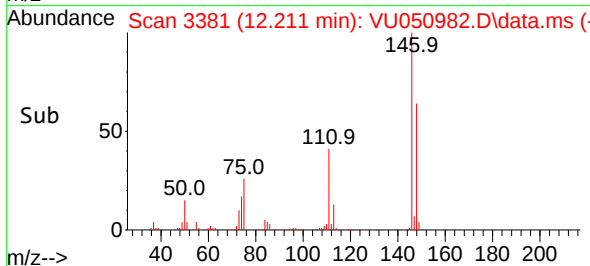
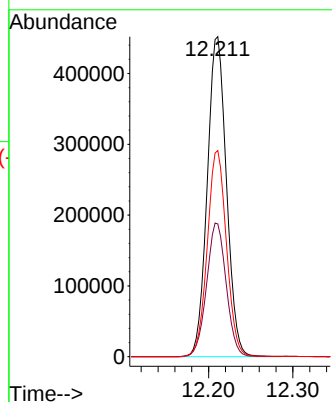
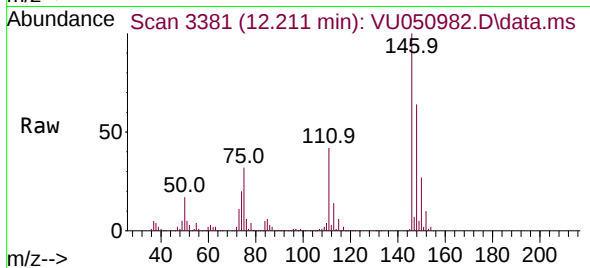
Tgt Ion:146 Resp: 716172

Ion Ratio Lower Upper

146 100

111 41.5 33.7 50.5

148 64.4 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 85.375 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

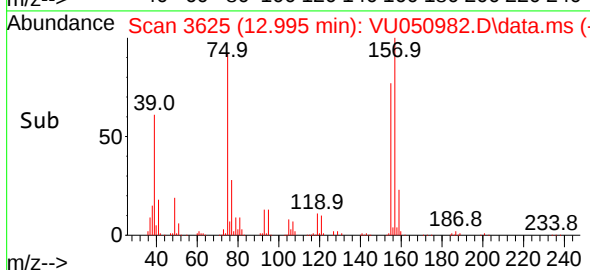
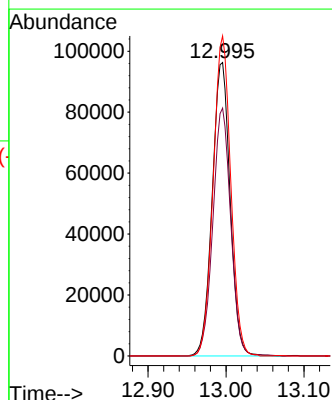
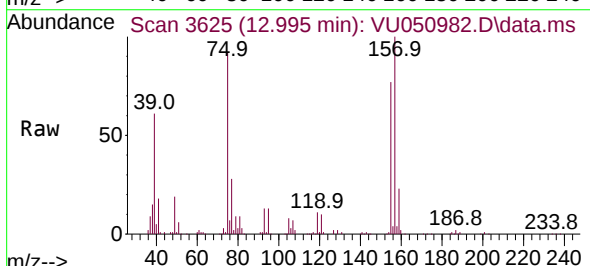
Tgt Ion: 75 Resp: 153962

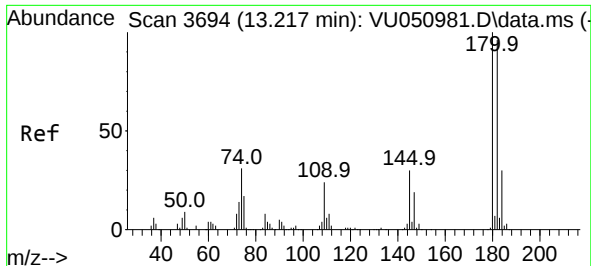
Ion Ratio Lower Upper

75 100

155 84.5 64.4 96.6

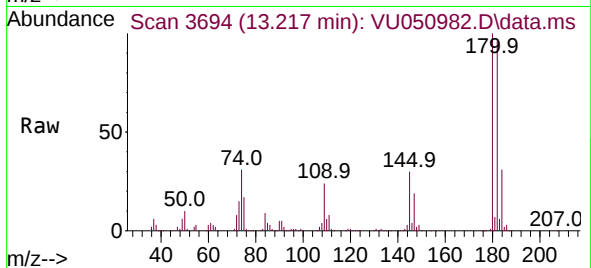
157 109.0 82.2 123.2



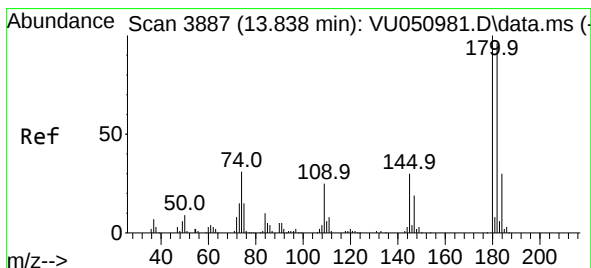
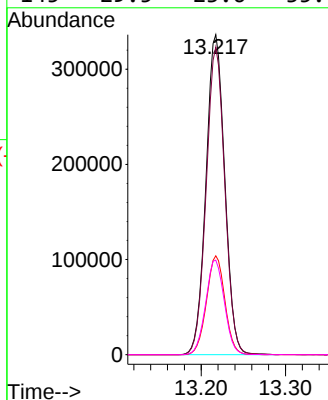
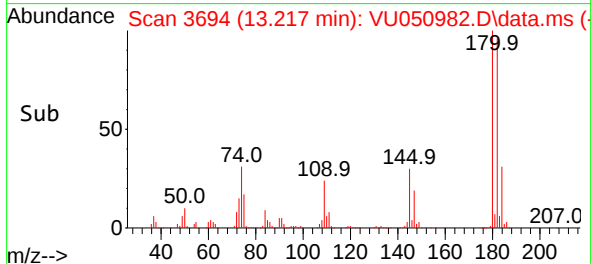


#69
 1,3,5-Trichlorobenzene
 Concen: 97.334 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU050982.D
 Acq: 29 Sep 2022 16:04

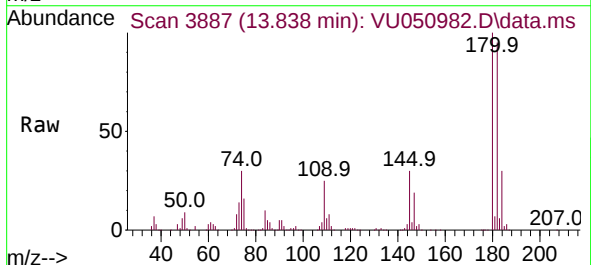
Instrument :
 MSVOA_U
 ClientSampleId :



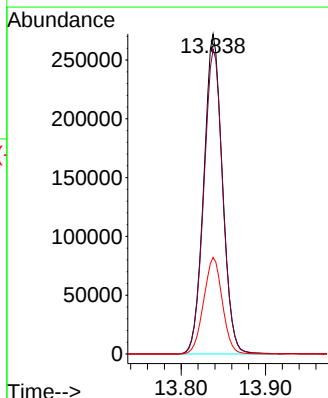
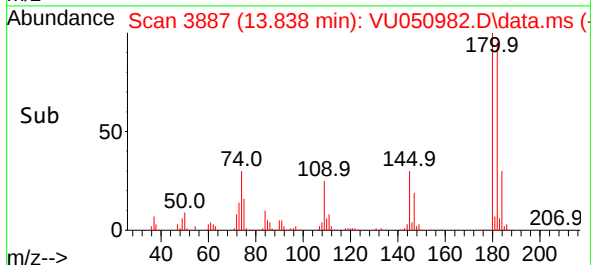
Tgt Ion:180 Resp: 521822
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.0 115.4
 184 30.3 24.4 36.6
 145 29.5 23.6 35.4

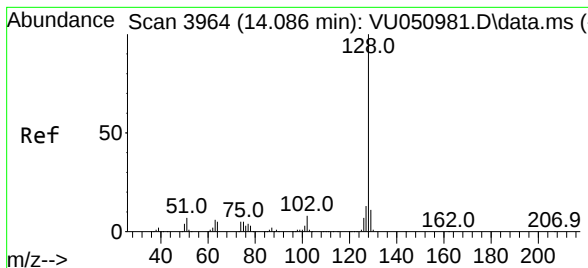


#70
 1,2,4-trichlorobenzene
 Concen: 96.092 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU050982.D
 Acq: 29 Sep 2022 16:04



Tgt Ion:180 Resp: 419522
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.9 113.9
 145 30.1 24.0 36.0





#71

Naphthalene

Concen: 100.025 ug/L

RT: 14.082 min Scan# 3963

Delta R.T. -0.003 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Instrument :

MSVOA_U

ClientSampleId :

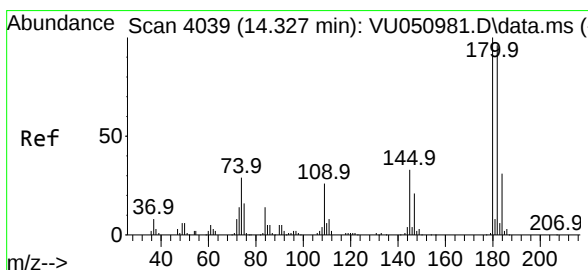
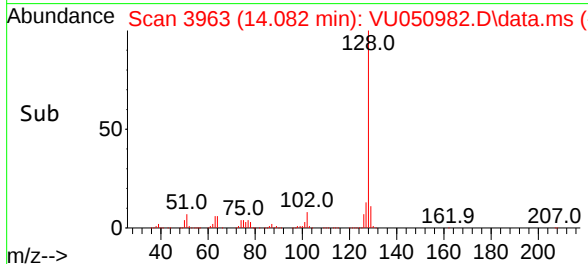
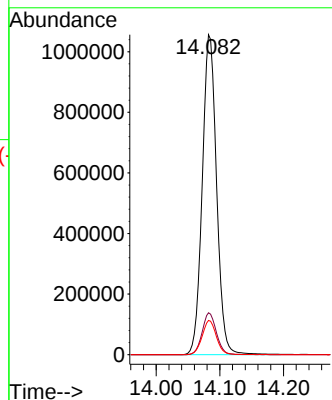
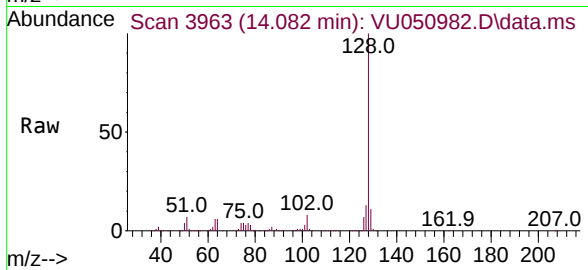
Tgt Ion:128 Resp: 1652739

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 96.174 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. -0.000 min

Lab File: VU050982.D

Acq: 29 Sep 2022 16:04

Tgt Ion:180 Resp: 470687

Ion Ratio Lower Upper

180 100

182 96.1 76.0 114.0

145 31.6 26.1 39.1

