

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051340.D
 Acq On : 10 Oct 2022 20:35
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 01:04:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 00:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	183924	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	199094	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	104472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60037	4.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.909	69	58613	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.565	65	24120	4.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.620	46	183933	56.310	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.620%
24) Chloroform-d	5.060	84	152649	5.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
26) 1,2-Dichloroethane-d4	5.700	65	78326	5.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.726	84	272078	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.690	67	93533	5.028	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.896	98	256764	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.176	79	31605	5.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.400%
46) 2-Hexanone-d5	8.629	63	112697	54.717	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.440%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	83155	5.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	86998	4.791	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	77225	5.147	ug/L	100
3) Chloromethane	1.520	50	104861	4.978	ug/L	98
5) Vinyl chloride	1.604	62	105732	5.117	ug/L	97
6) Bromomethane	1.854	94	60328	5.361	ug/L	97
8) Chloroethane	1.932	64	68562	5.203	ug/L	98
9) Trichlorofluoromethane	2.137	101	124027	5.207	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	71136	4.976	ug/L	99
12) 1,1-Dichloroethene	2.578	96	66433	4.953	ug/L	93
13) Acetone	2.623	43	122760	50.108	ug/L	97
14) Carbon disulfide	2.790	76	206533	5.027	ug/L	98
15) Methyl Acetate	2.948	43	31391	5.271	ug/L	95
16) Methylene chloride	3.044	84	104047	5.254	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	150538	4.900	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	73410	5.202	ug/L	95
19) 1,1-Dichloroethane	3.867	63	159204	5.467	ug/L	98
21) 2-Butanone	4.700	43	199343	51.630	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	83756	5.359	ug/L	95
23) Bromochloromethane	4.973	128	41105	5.512	ug/L	98
25) Chloroform	5.086	83	164636	5.413	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051340.D
 Acq On : 10 Oct 2022 20:35
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

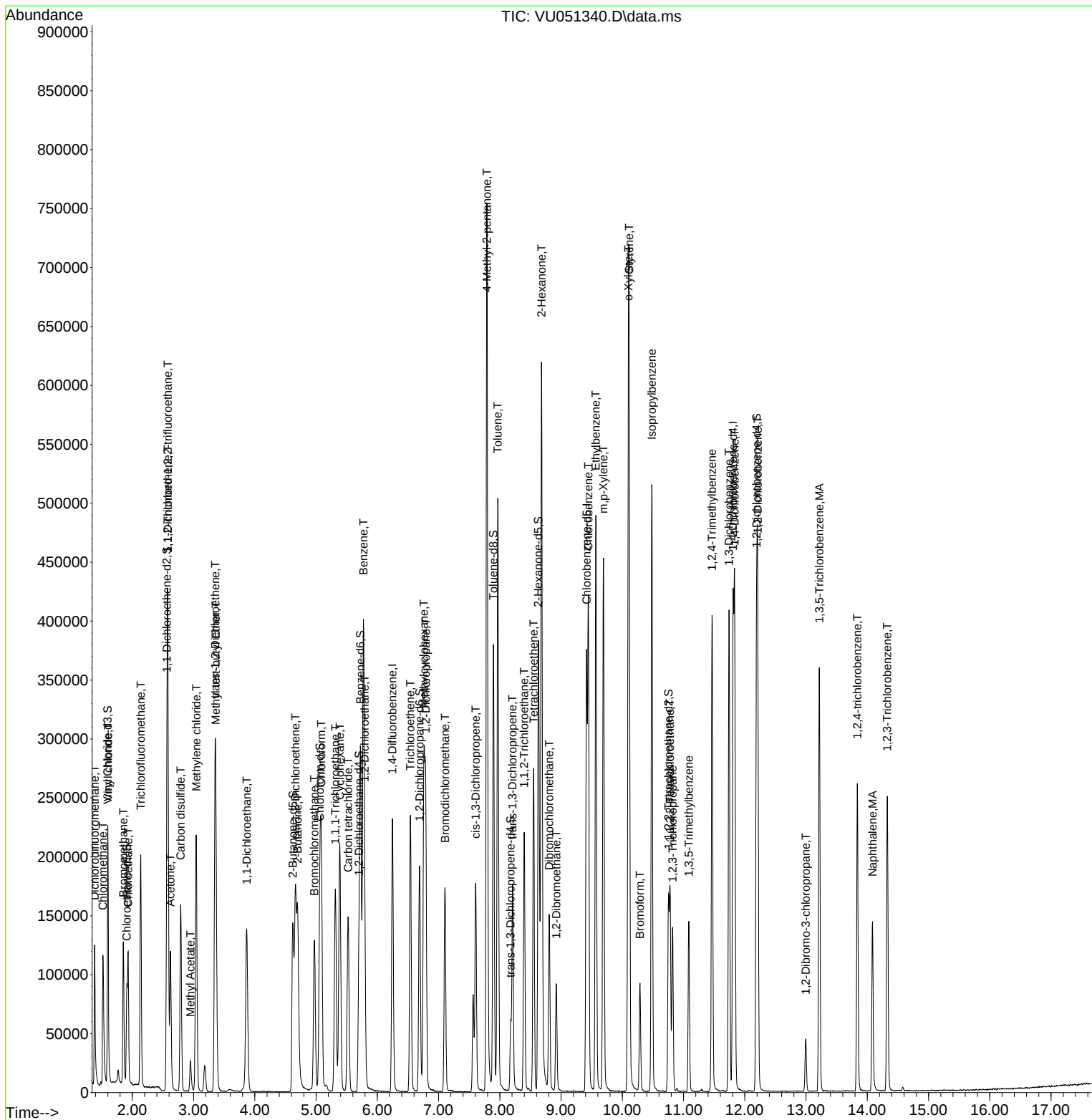
Instrument :
 MSVOA_U
 ClientSampleId :

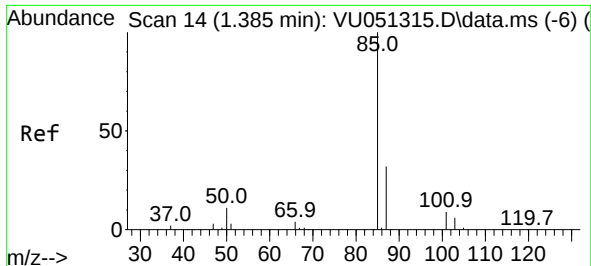
Quant Time: Oct 11 01:04:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 11 00:58:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	101373	5.564	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	120918	5.069	ug/L	98
30) Cyclohexane	5.388	56	85266	4.214	ug/L	99
31) Carbon tetrachloride	5.523	117	102281	5.067	ug/L	98
33) Benzene	5.774	78	346497	5.213	ug/L	100
34) Trichloroethene	6.539	95	81170	4.895	ug/L	98
35) Methylcyclohexane	6.761	83	91999	4.398	ug/L	98
37) 1,2-Dichloropropane	6.790	63	94909	5.210	ug/L	99
38) Bromodichloromethane	7.105	83	115105	5.297	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	104985	4.794	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	470936	49.273	ug/L	99
42) Toluene	7.967	91	368213	5.219	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	96103	5.075	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	66881	5.229	ug/L	96
47) Tetrachloroethene	8.552	164	58514	4.800	ug/L	99
48) 2-Hexanone	8.681	43	379659	53.349	ug/L	98
49) Dibromochloromethane	8.809	129	74032	5.155	ug/L	97
50) 1,2-Dibromoethane	8.922	107	60939	5.352	ug/L	100
51) Chlorobenzene	9.446	112	220260	5.225	ug/L	99
52) Ethylbenzene	9.568	91	324242	5.114	ug/L	99
53) m,p-Xylene	9.693	106	126585	5.148	ug/L	98
54) o-Xylene	10.098	106	120866	5.195	ug/L	99
55) Styrene	10.111	104	216492	5.406	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	86486	5.462	ug/L	97
59) Bromoform	10.288	173	39826	4.582	ug/L	98
60) Isopropylbenzene	10.481	105	305211	4.612	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	60513	4.587	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	74648	4.253	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	211266	4.256	ug/L	98
64) 1,3-Dichlorobenzene	11.741	146	163697	5.001	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	158627	4.917	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	153358	4.820	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	11993	4.753	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	109108	4.836	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	76452	4.768	ug/L	98
71) Naphthalene	14.085	128	116563	3.911	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	77274	4.659	ug/L	99

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

Quant Time: Oct 11 01:04:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 11 00:58:34 2022
Response via : Initial Calibration

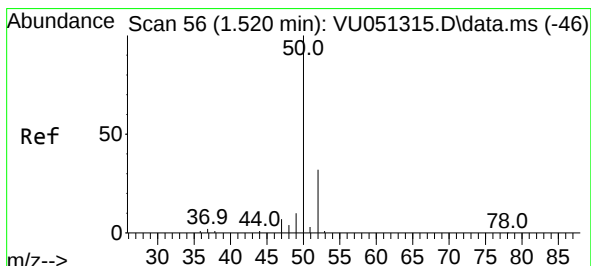
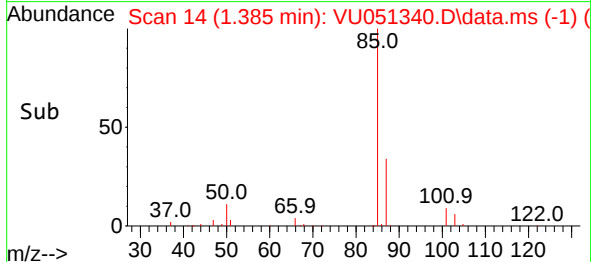
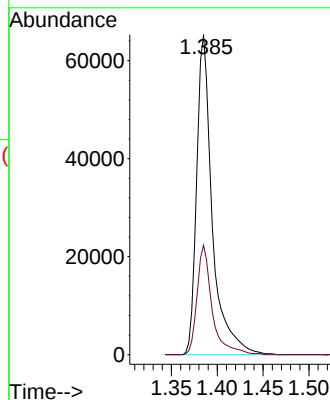
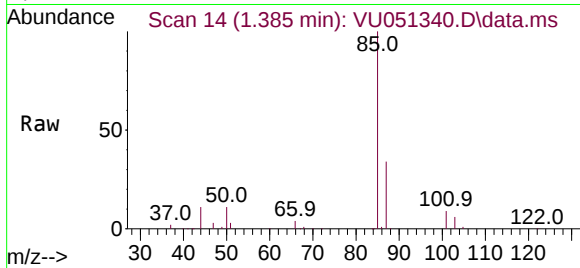




#2
Dichlorodifluoromethane
Concen: 5.147 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

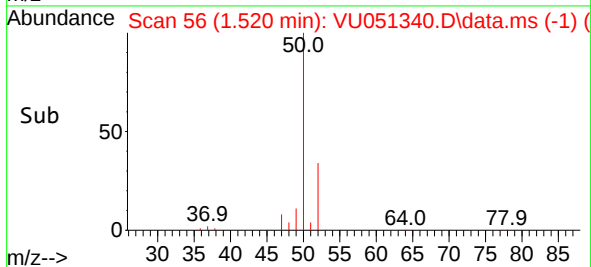
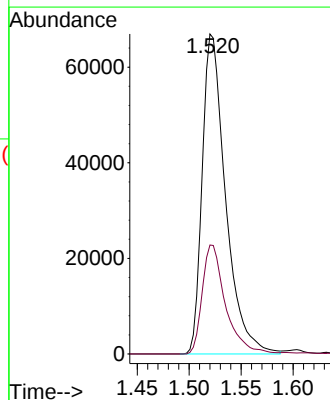
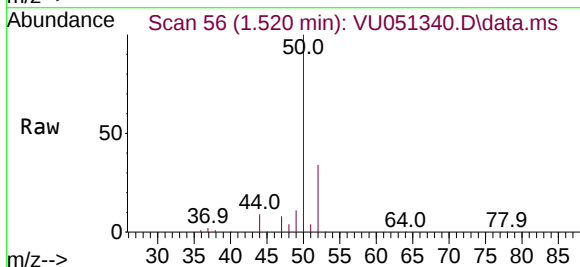
Instrument :
MSVOA_U
ClientSampleId :

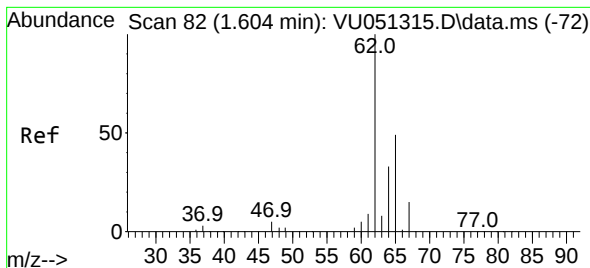
Tgt Ion: 85 Resp: 77225
Ion Ratio Lower Upper
85 100
87 33.1 26.2 39.4



#3
Chloromethane
Concen: 4.978 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 50 Resp: 104861
Ion Ratio Lower Upper
50 100
52 34.1 22.9 42.5





#5

Vinyl chloride

Concen: 5.117 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

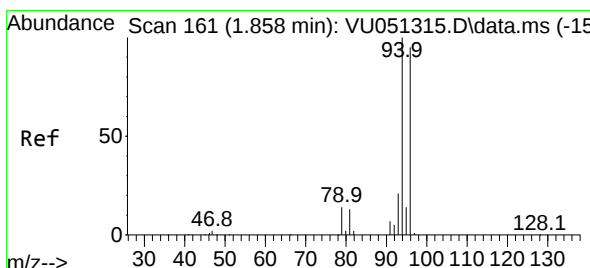
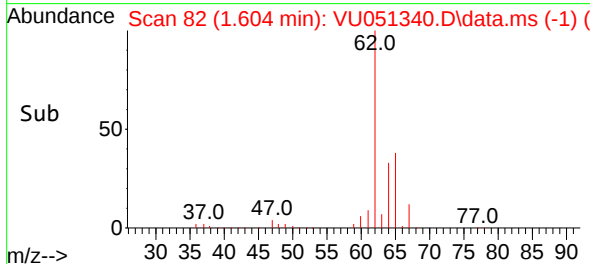
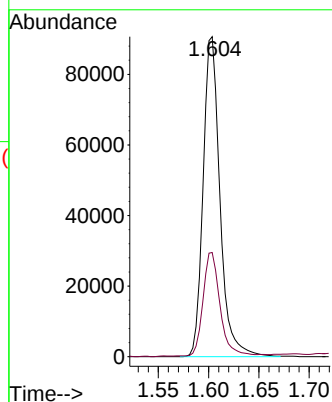
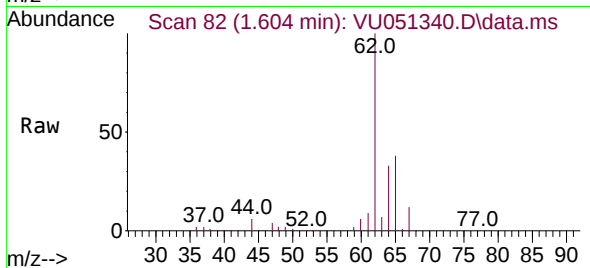
ClientSampleId :

Tgt Ion: 62 Resp: 105732

Ion Ratio Lower Upper

62 100

64 32.6 24.0 44.6



#6

Bromomethane

Concen: 5.361 ug/L

RT: 1.854 min Scan# 160

Delta R.T. -0.003 min

Lab File: VU051340.D

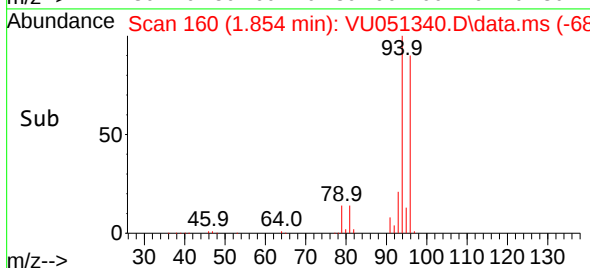
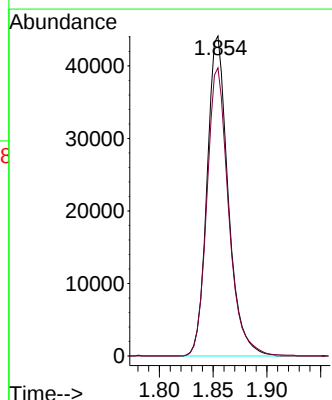
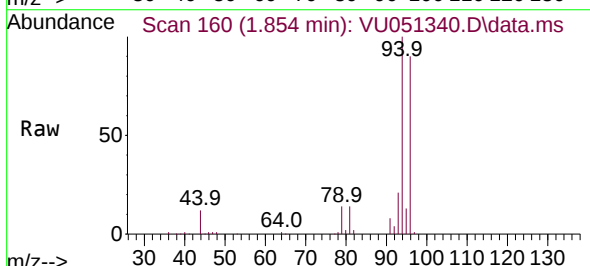
Acq: 10 Oct 2022 20:35

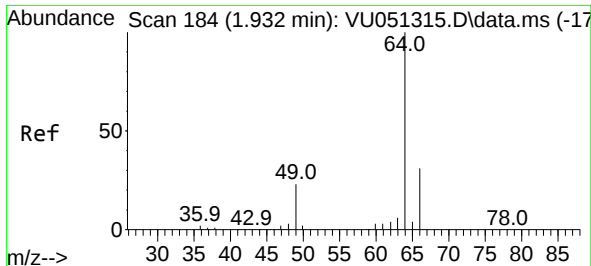
Tgt Ion: 94 Resp: 60328

Ion Ratio Lower Upper

94 100

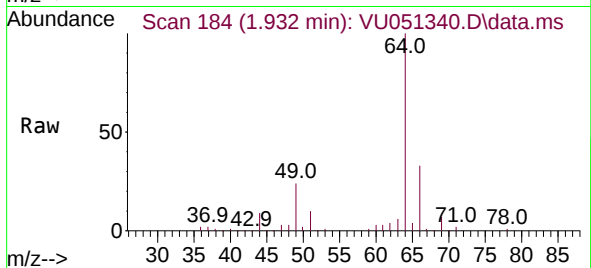
96 90.0 64.9 120.5



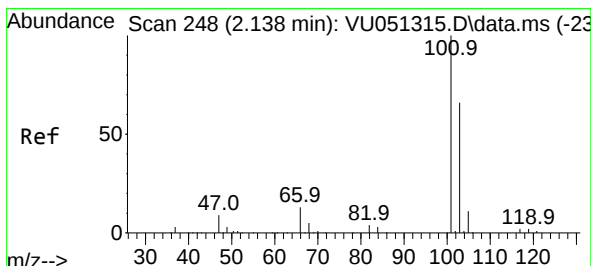
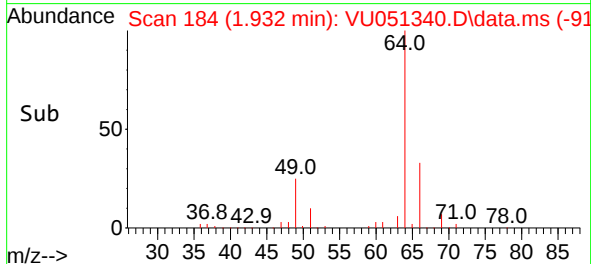
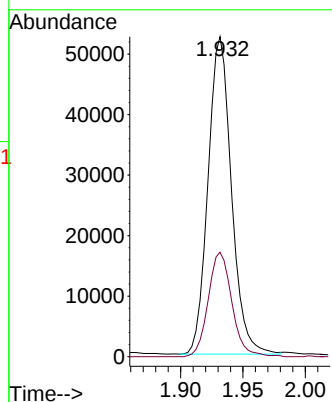


#8
Chloroethane
Concen: 5.203 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Instrument :
MSVOA_U
ClientSampleId :

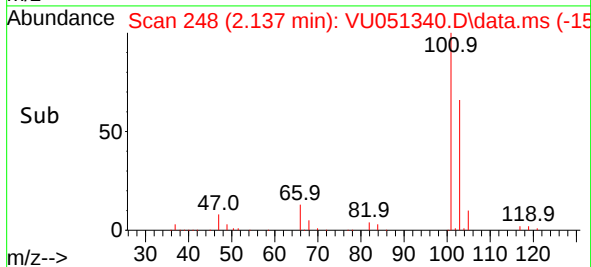
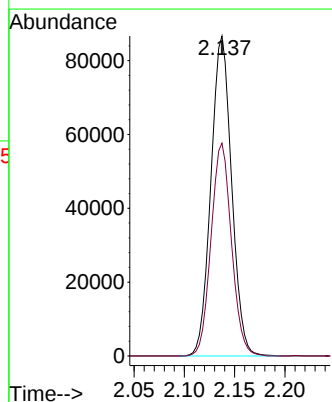
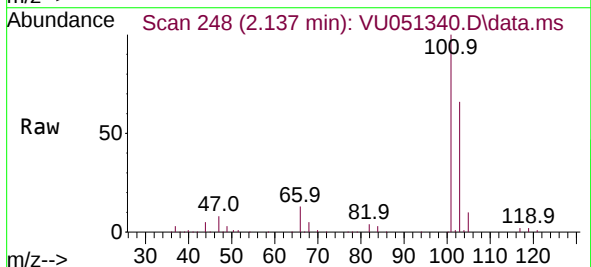


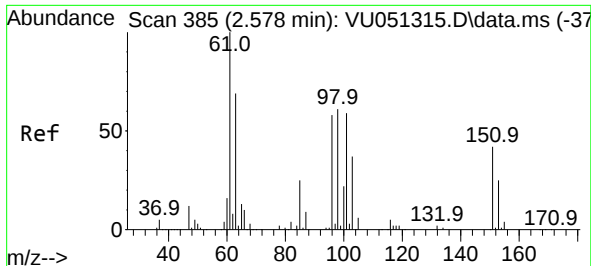
Tgt Ion: 64 Resp: 68562
Ion Ratio Lower Upper
64 100
66 32.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 5.207 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 101 Resp: 124027
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.2

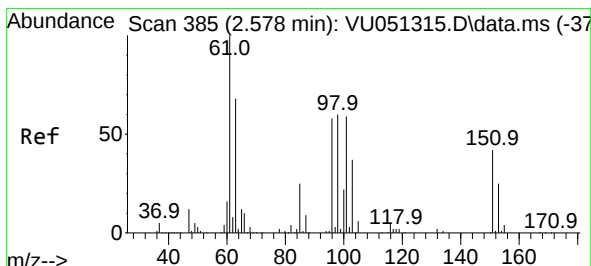
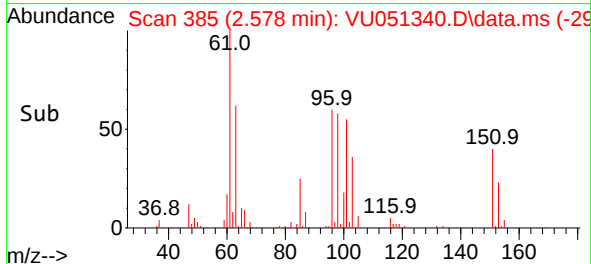
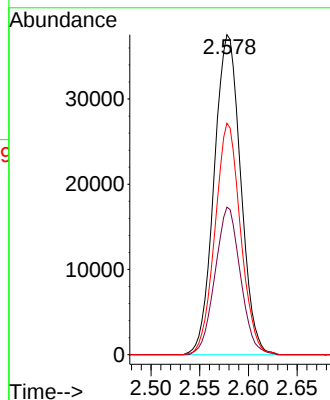
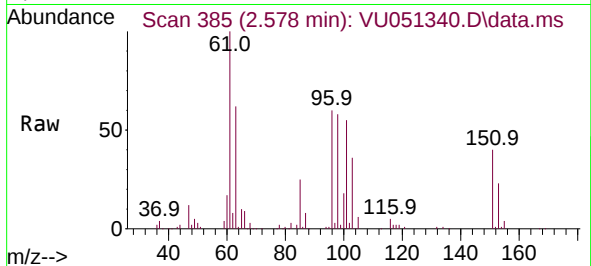




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.976 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051340.D
 Acq: 10 Oct 2022 20:35

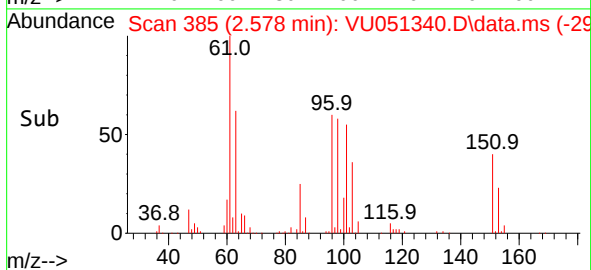
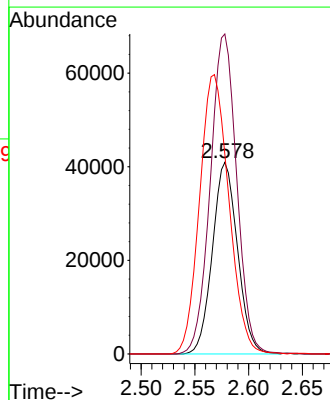
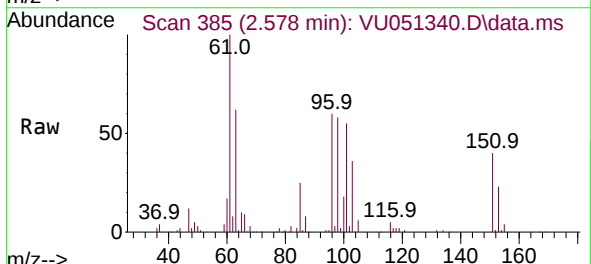
Instrument :
 MSVOA_U
 ClientSampleId :

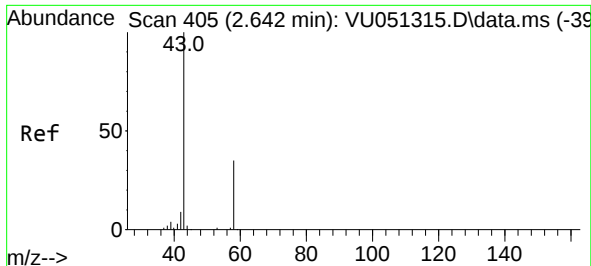
Tgt Ion:101 Resp: 71136
 Ion Ratio Lower Upper
 101 100
 85 44.2 34.6 51.8
 151 69.7 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 4.953 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051340.D
 Acq: 10 Oct 2022 20:35

Tgt Ion: 96 Resp: 66433
 Ion Ratio Lower Upper
 96 100
 61 167.1 117.6 218.4
 63 104.3 85.2 158.2





#13

Acetone

Concen: 50.108 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.019 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

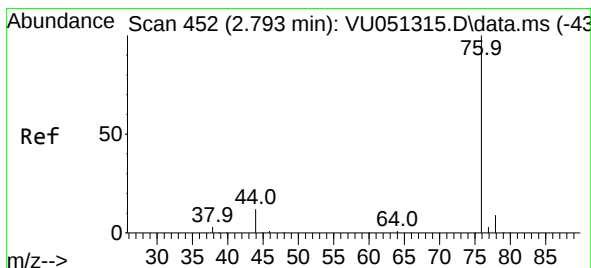
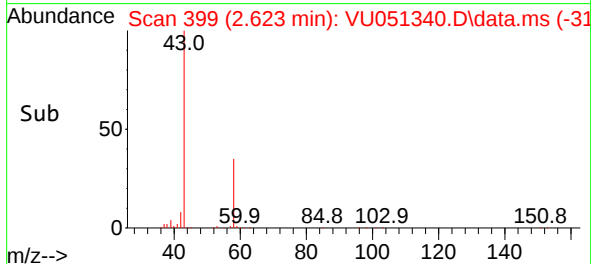
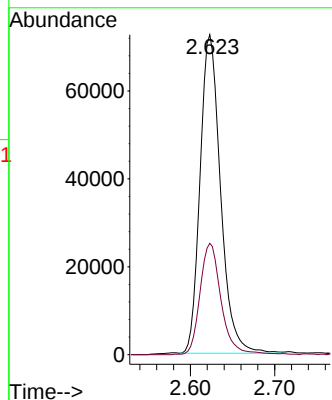
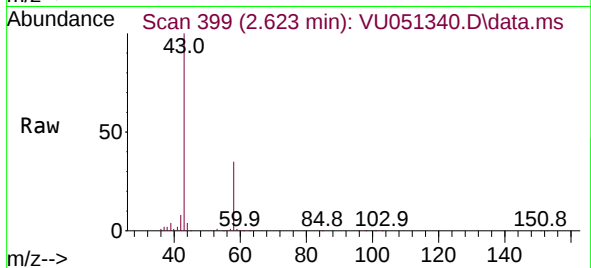
ClientSampleId :

Tgt Ion: 43 Resp: 122760

Ion Ratio Lower Upper

43 100

58 36.2 0.0 68.8



#14

Carbon disulfide

Concen: 5.027 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051340.D

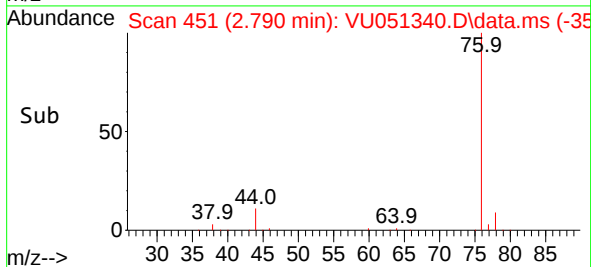
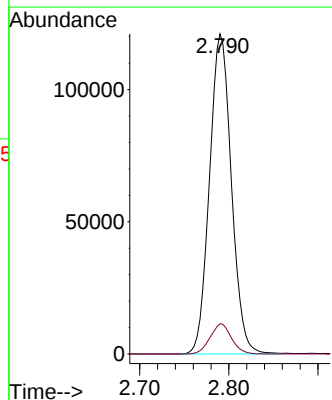
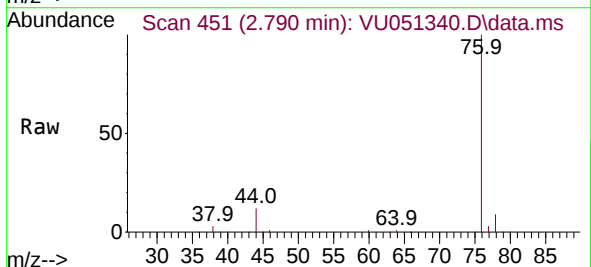
Acq: 10 Oct 2022 20:35

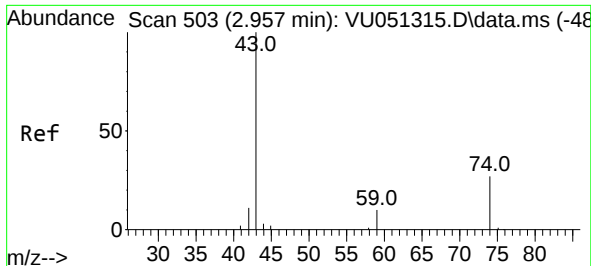
Tgt Ion: 76 Resp: 206533

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4

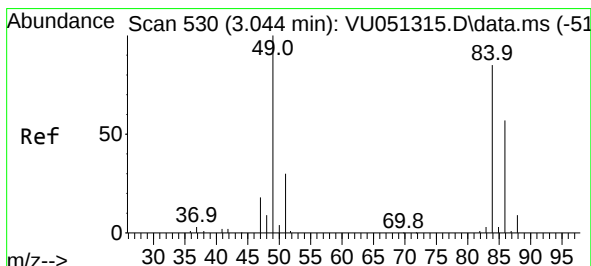
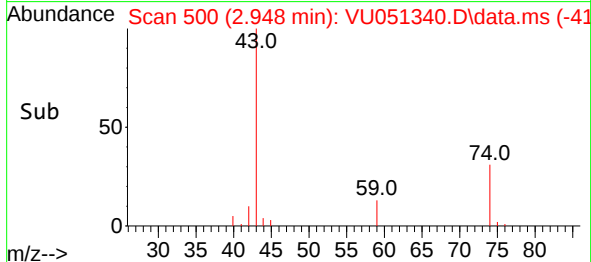
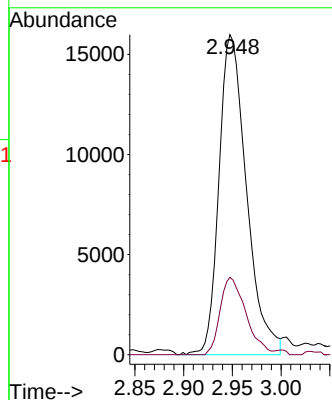
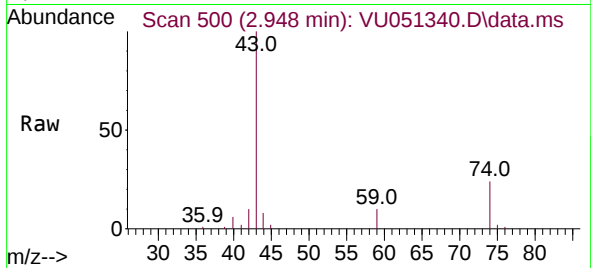




#15
Methyl Acetate
Concen: 5.271 ug/L
RT: 2.948 min Scan# 503
Delta R.T. -0.010 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

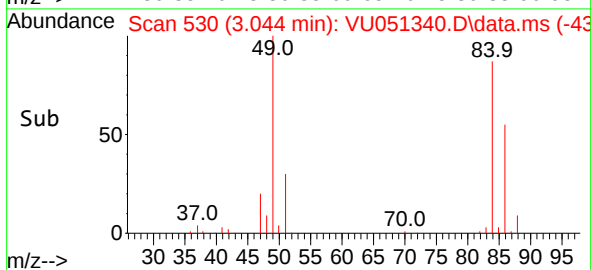
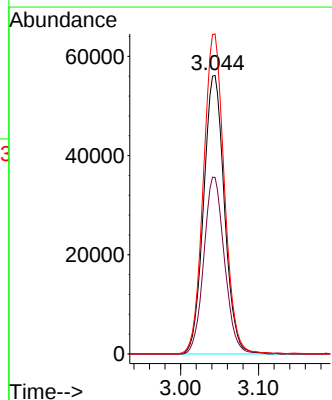
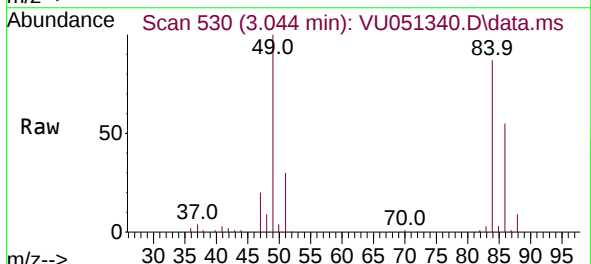
Instrument :
MSVOA_U
ClientSampleId :

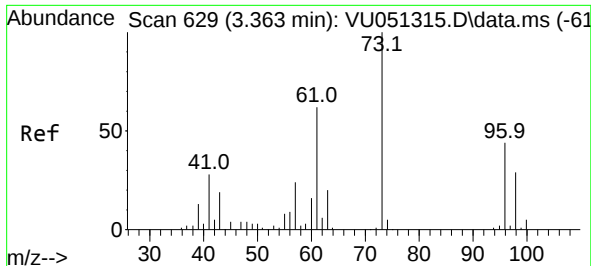
Tgt Ion: 43 Resp: 31391
Ion Ratio Lower Upper
43 100
74 22.6 20.0 30.0



#16
Methylene chloride
Concen: 5.254 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 84 Resp: 104047
Ion Ratio Lower Upper
84 100
86 63.3 46.5 86.3
49 114.9 81.3 151.1





#17

Methyl tert-butyl Ether

Concen: 4.900 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

ClientSampleId :

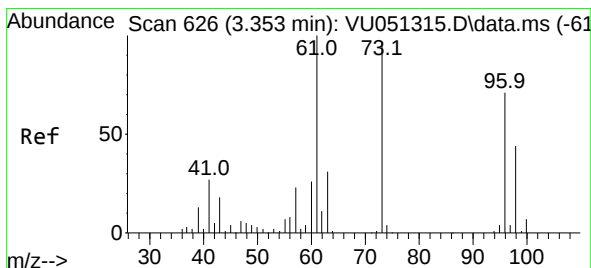
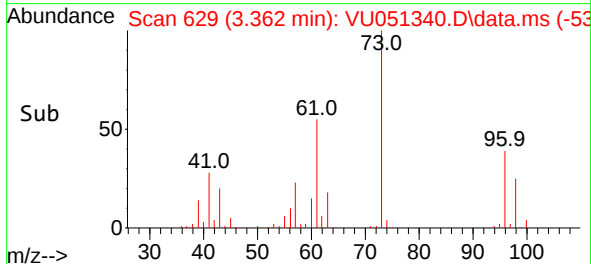
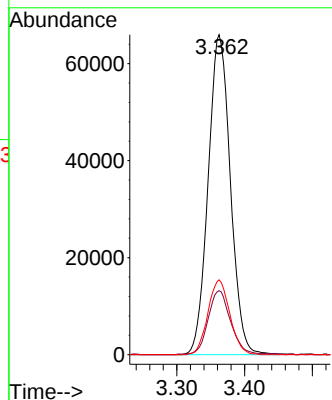
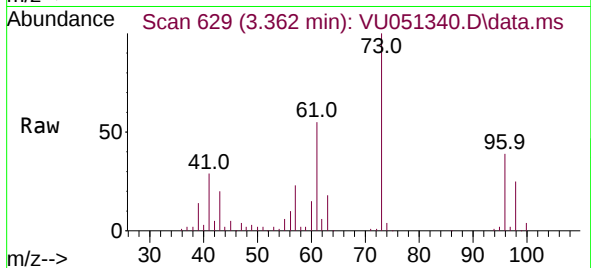
Tgt Ion: 73 Resp: 150538

Ion Ratio Lower Upper

73 100

43 20.4 15.4 23.0

57 23.0 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 5.202 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

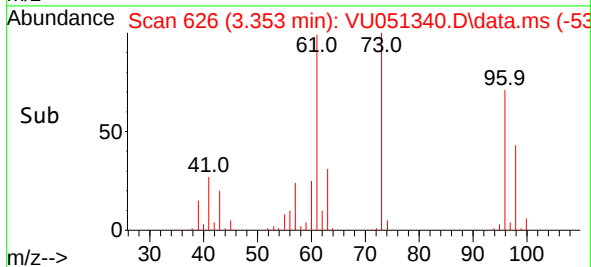
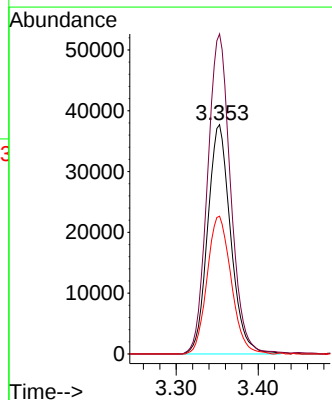
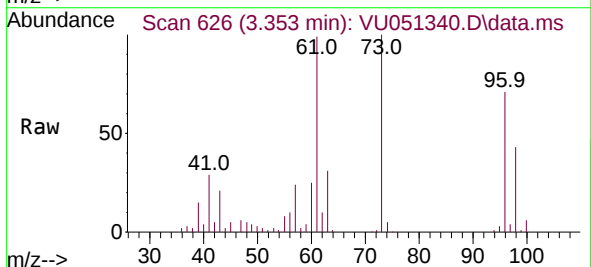
Tgt Ion: 96 Resp: 73410

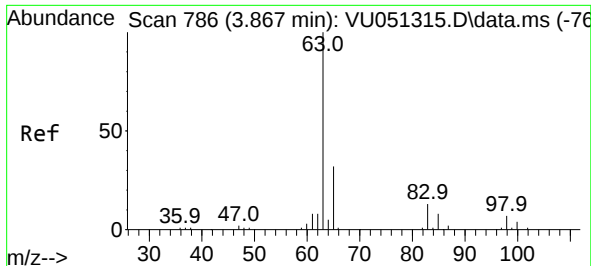
Ion Ratio Lower Upper

96 100

61 139.6 101.4 188.2

98 60.1 44.9 83.5

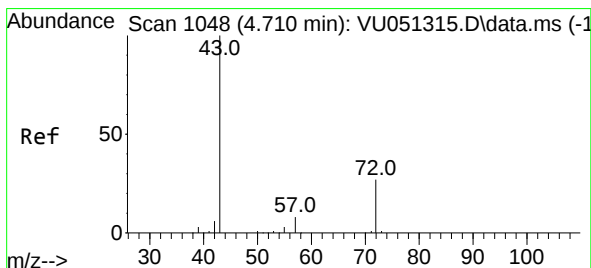
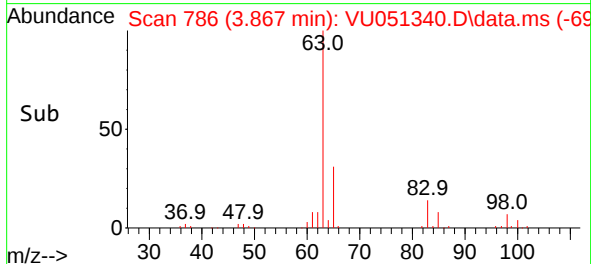
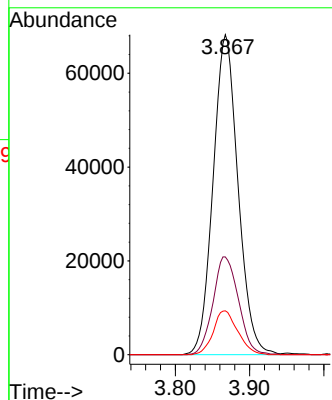
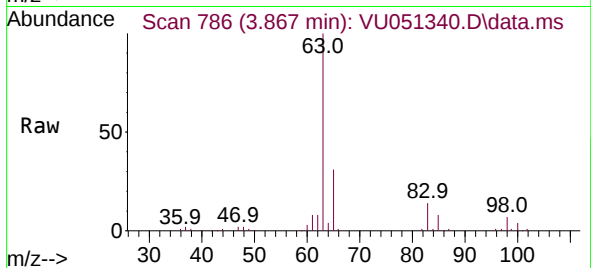




#19
1,1-Dichloroethane
Concen: 5.467 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

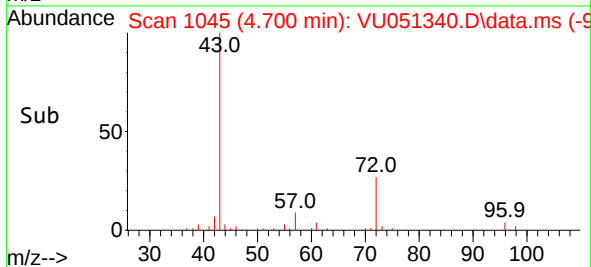
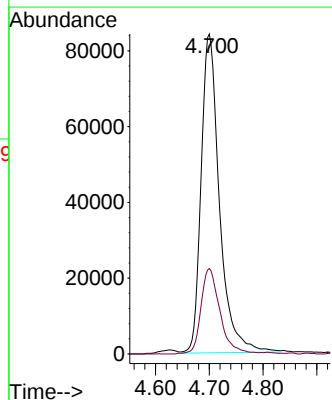
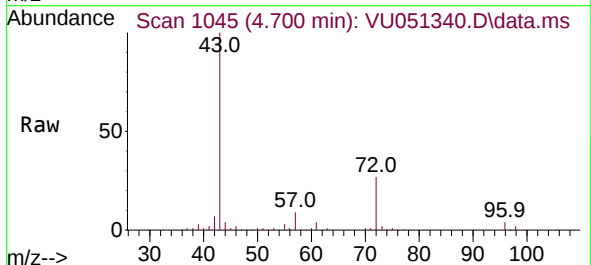
Instrument :
MSVOA_U
ClientSampleId :

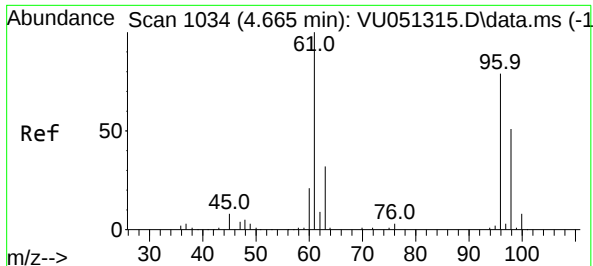
Tgt Ion: 63 Resp: 159204
Ion Ratio Lower Upper
63 100
65 30.6 22.0 41.0
83 13.7 9.0 16.6



#21
2-Butanone
Concen: 51.630 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. -0.010 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 43 Resp: 199343
Ion Ratio Lower Upper
43 100
72 27.7 13.8 41.4

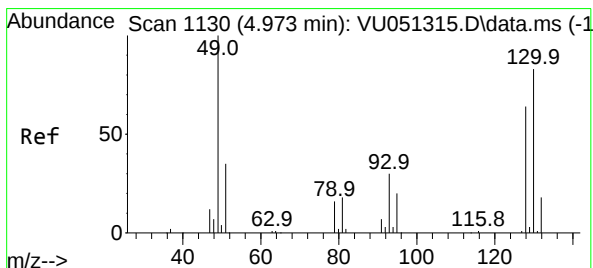
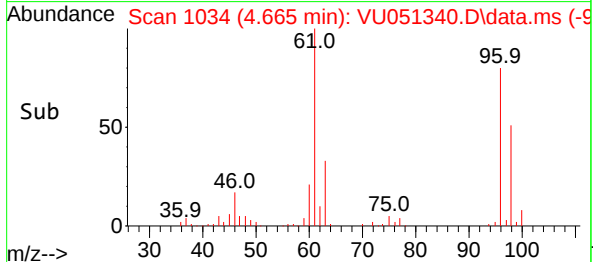
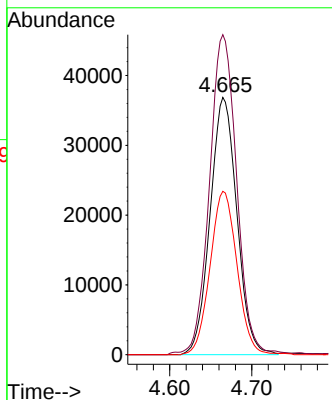
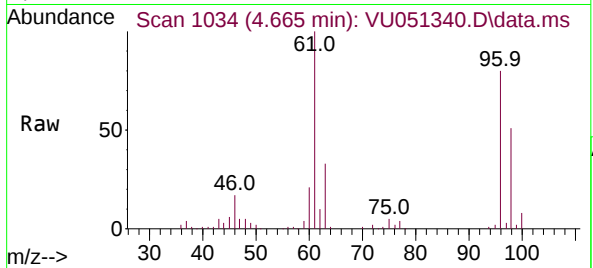




#22
 cis-1,2-Dichloroethene
 Concen: 5.359 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051340.D
 Acq: 10 Oct 2022 20:35

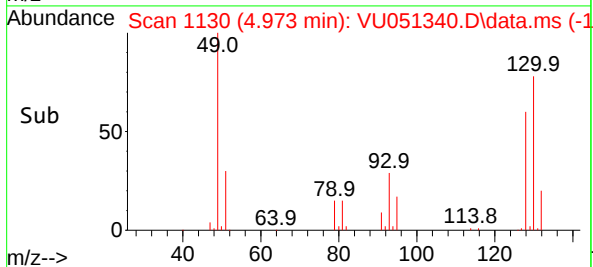
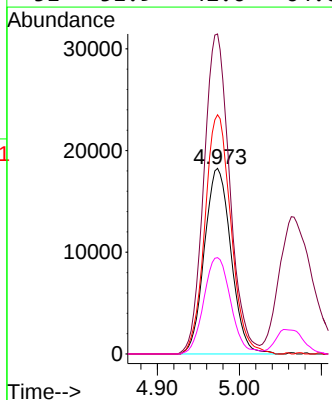
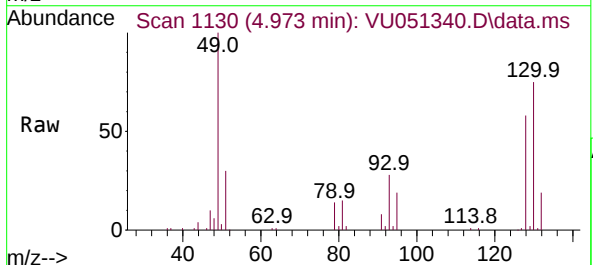
Instrument :
 MSVOA_U
 ClientSampleId :

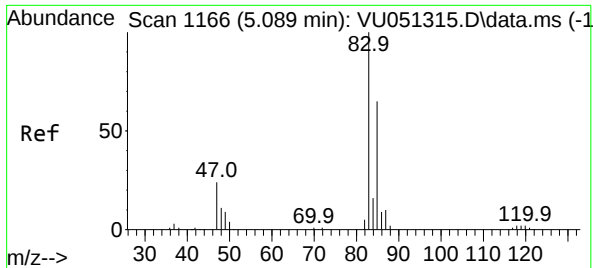
Tgt Ion: 96 Resp: 83756
 Ion Ratio Lower Upper
 96 100
 61 124.4 90.6 168.2
 98 63.5 47.5 88.3



#23
 Bromochloromethane
 Concen: 5.512 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051340.D
 Acq: 10 Oct 2022 20:35

Tgt Ion: 128 Resp: 41105
 Ion Ratio Lower Upper
 128 100
 49 172.4 118.0 219.2
 130 128.8 88.8 164.8
 51 51.9 42.6 64.0





#25

Chloroform

Concen: 5.413 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

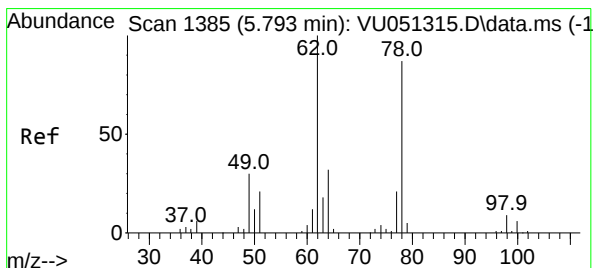
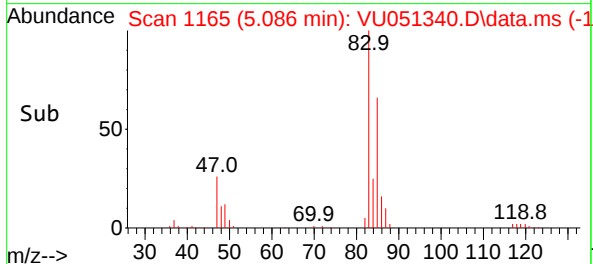
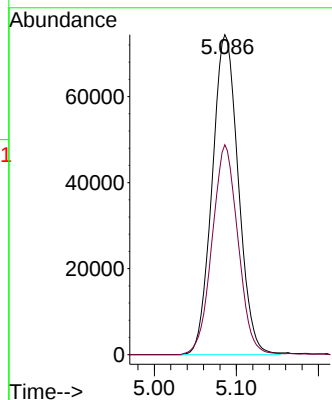
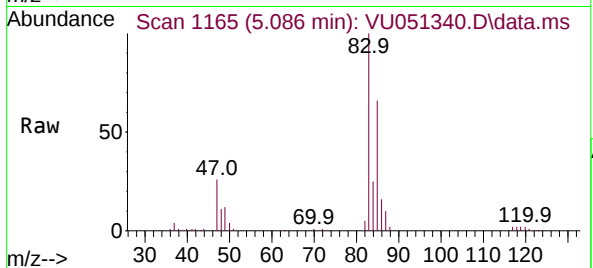
ClientSampleId :

Tgt Ion: 83 Resp: 164636

Ion Ratio Lower Upper

83 100

85 65.6 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.564 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051340.D

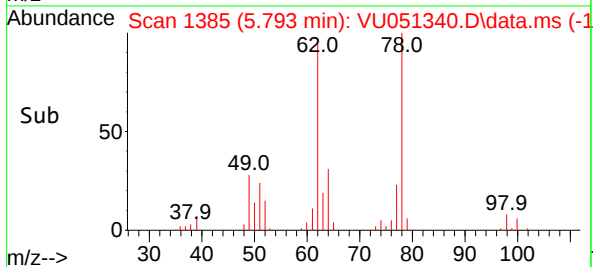
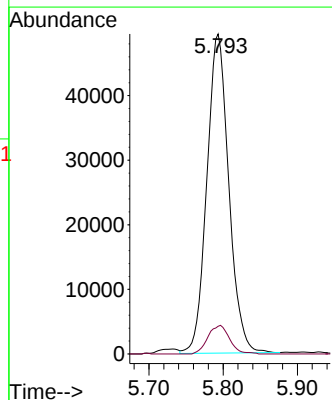
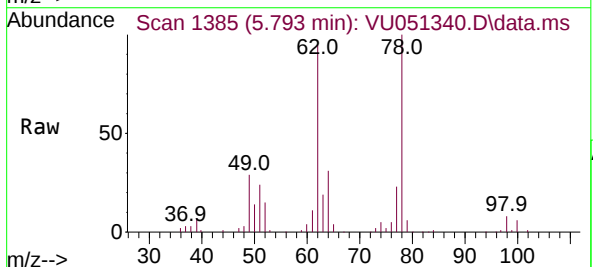
Acq: 10 Oct 2022 20:35

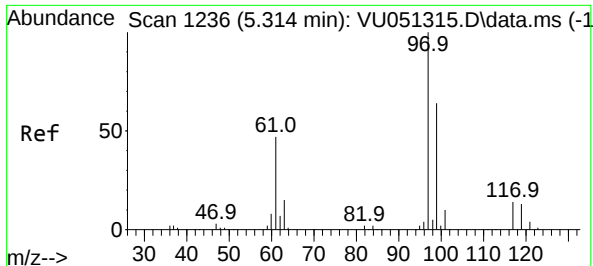
Tgt Ion: 62 Resp: 101373

Ion Ratio Lower Upper

62 100

98 8.7 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.069 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

ClientSampleId :

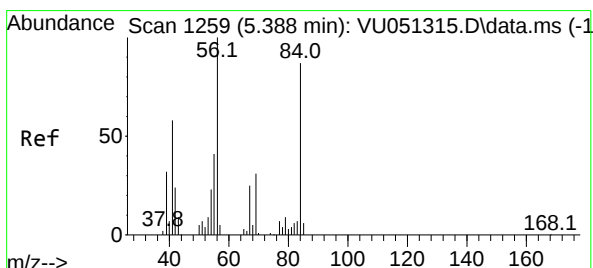
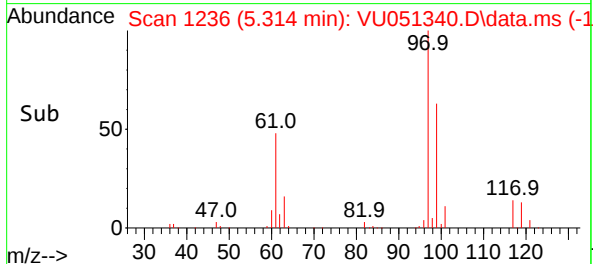
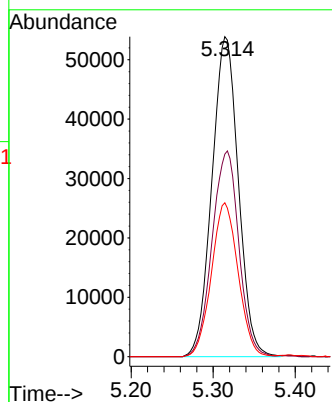
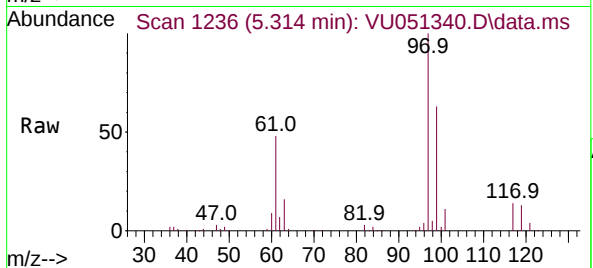
Tgt Ion: 97 Resp: 120918

Ion Ratio Lower Upper

97 100

99 65.1 50.2 75.4

61 48.4 38.7 58.1



#30

Cyclohexane

Concen: 4.214 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

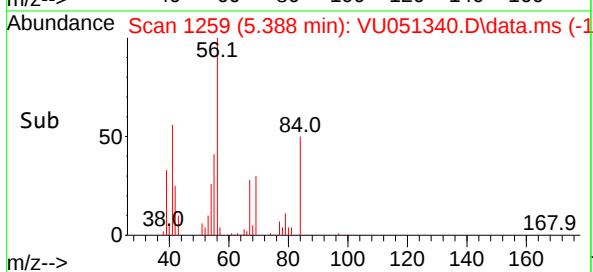
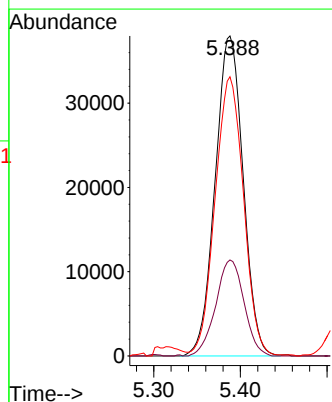
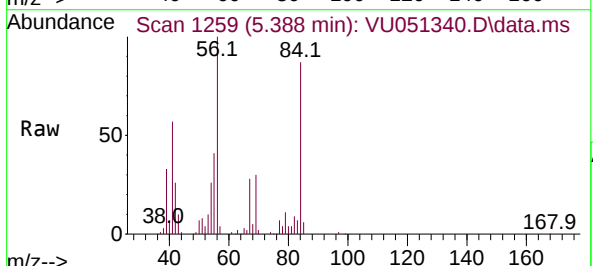
Tgt Ion: 56 Resp: 85266

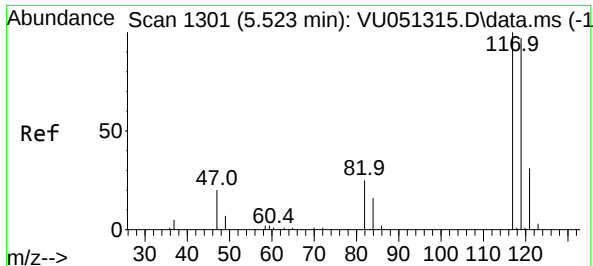
Ion Ratio Lower Upper

56 100

69 30.3 25.1 37.7

84 88.8 70.9 106.3

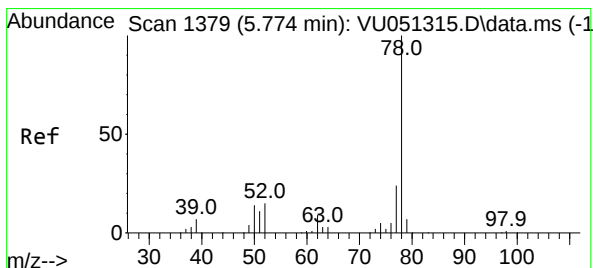
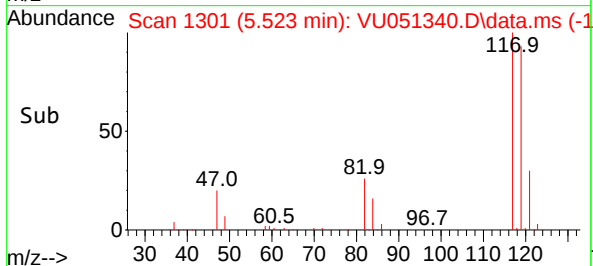
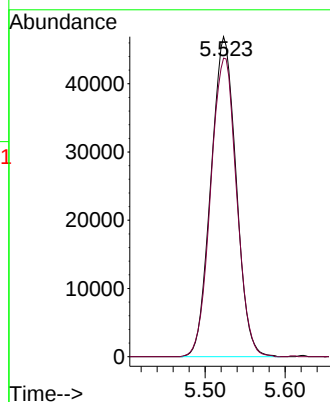
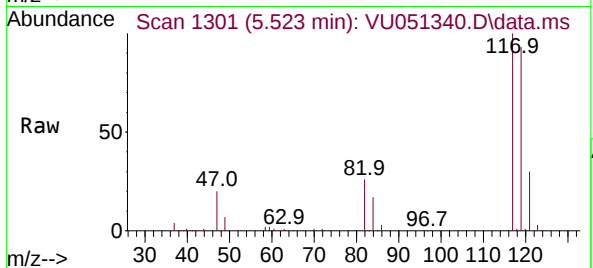




#31
Carbon tetrachloride
Concen: 5.067 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

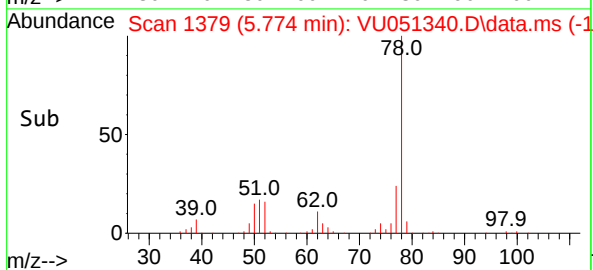
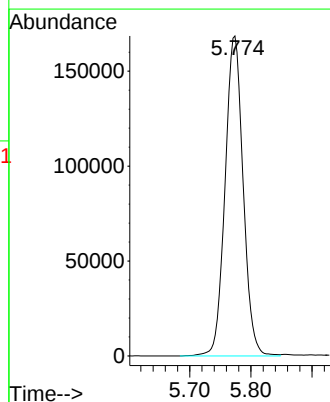
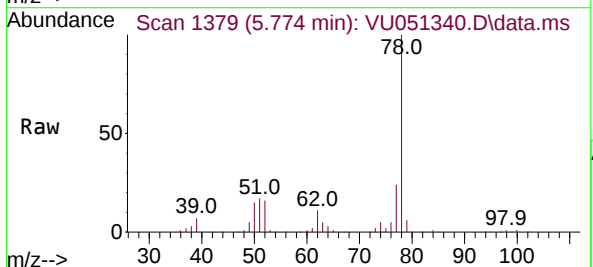
Instrument :
MSVOA_U
ClientSampleId :

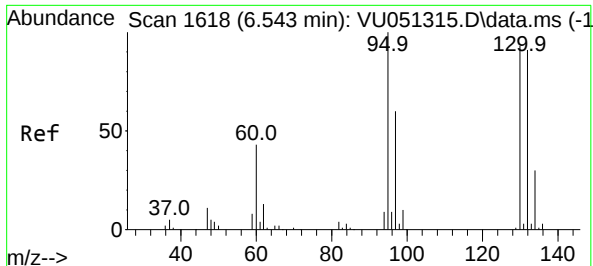
Tgt Ion:117 Resp: 102281
Ion Ratio Lower Upper
117 100
119 96.1 78.4 117.6



#33
Benzene
Concen: 5.213 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 78 Resp: 346497

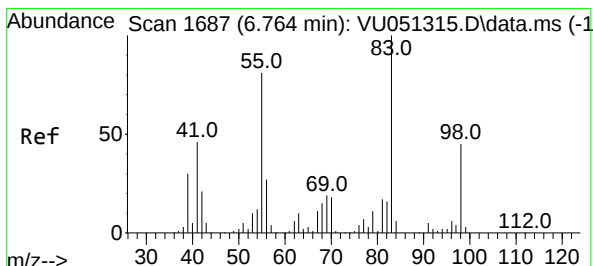
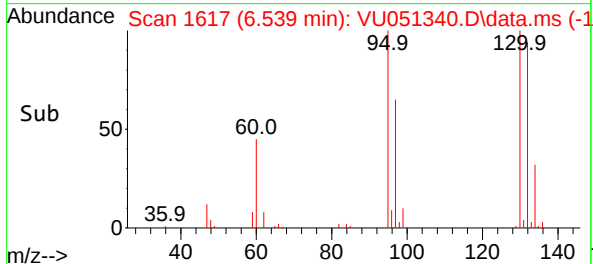
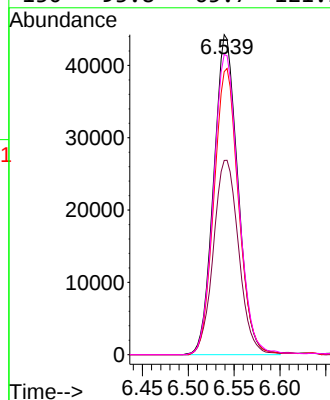
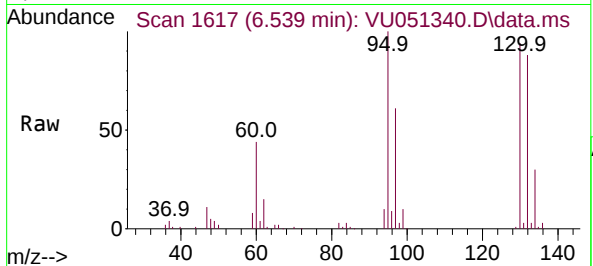




#34
Trichloroethene
Concen: 4.895 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

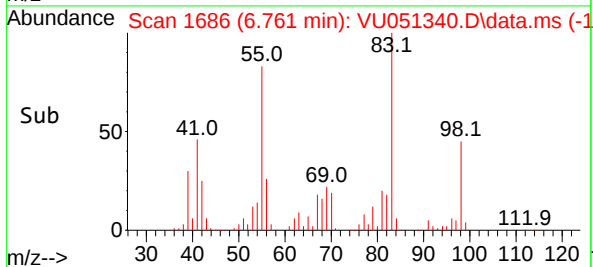
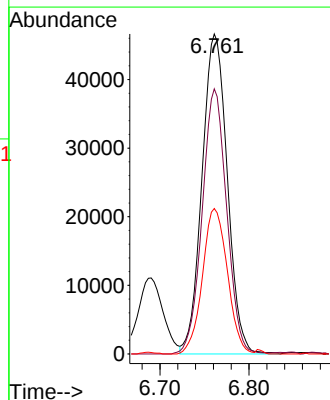
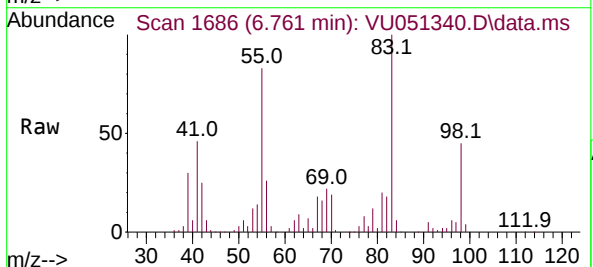
Instrument :
MSVOA_U
ClientSampleId :

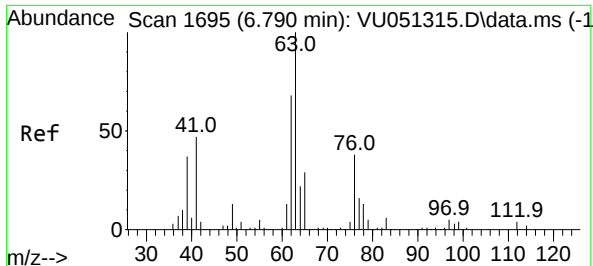
Tgt Ion: 95 Resp: 81170
Ion Ratio Lower Upper
95 100
97 60.7 45.4 84.2
132 88.4 63.1 117.3
130 93.8 65.7 121.9



#35
Methylcyclohexane
Concen: 4.398 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 83 Resp: 91999
Ion Ratio Lower Upper
83 100
55 80.2 65.8 98.6
98 44.8 35.9 53.9





#37

1,2-Dichloropropane

Concen: 5.210 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

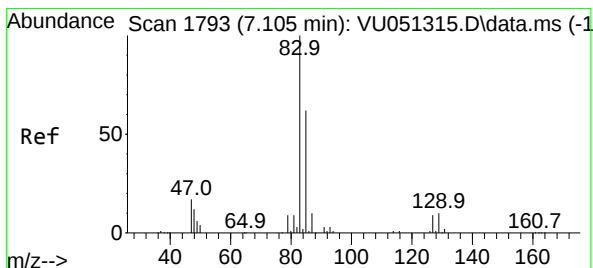
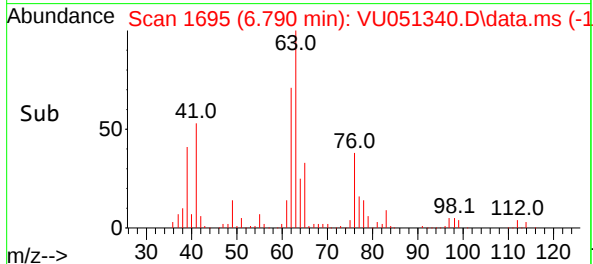
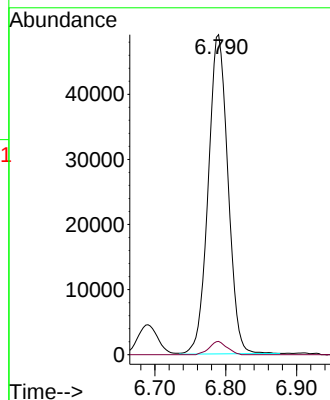
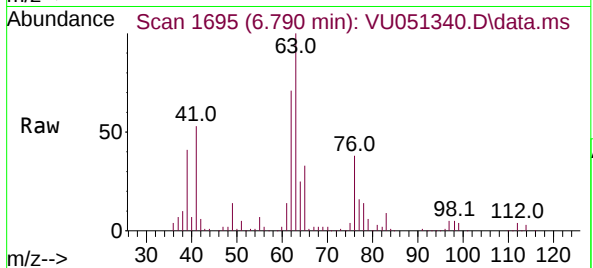
ClientSampleId :

Tgt Ion: 63 Resp: 94909

Ion Ratio Lower Upper

63 100

112 3.7 3.2 4.8



#38

Bromodichloromethane

Concen: 5.297 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

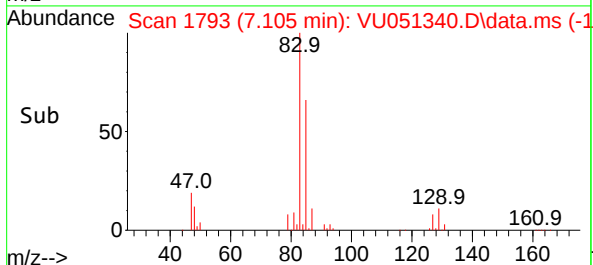
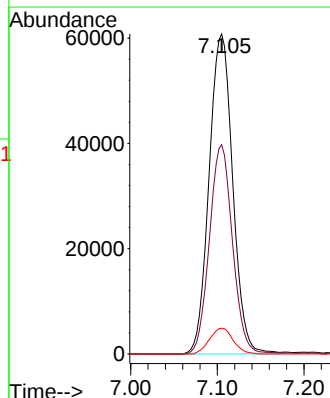
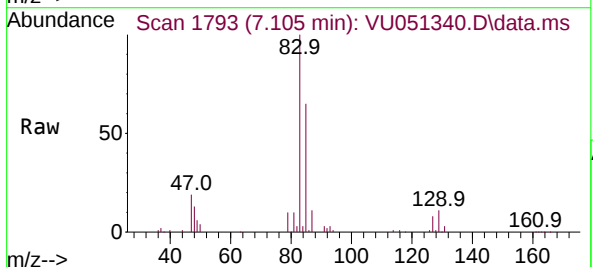
Tgt Ion: 83 Resp: 115105

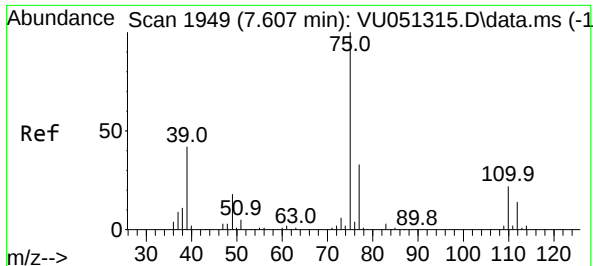
Ion Ratio Lower Upper

83 100

85 65.4 44.8 83.2

127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.794 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

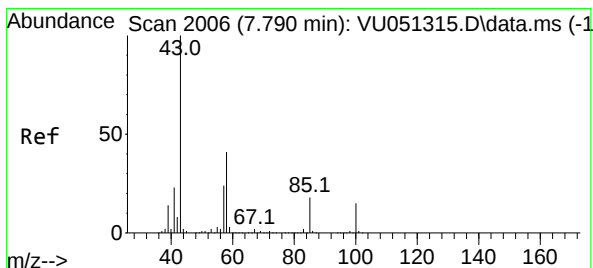
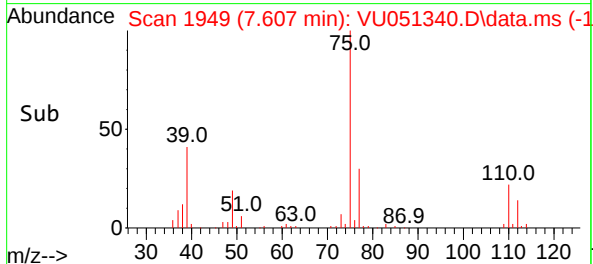
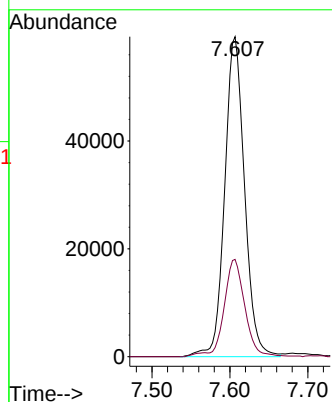
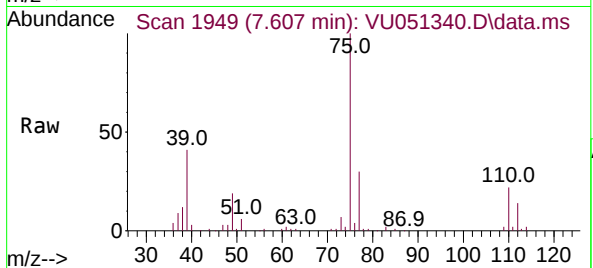
ClientSampleId :

Tgt Ion: 75 Resp: 104985

Ion Ratio Lower Upper

75 100

77 30.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 49.273 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

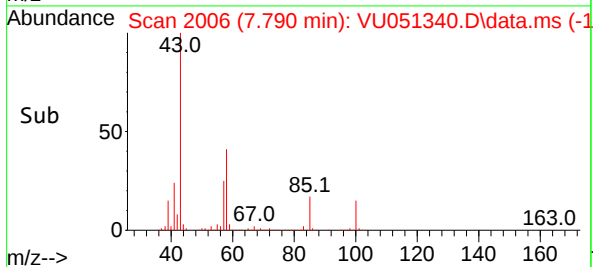
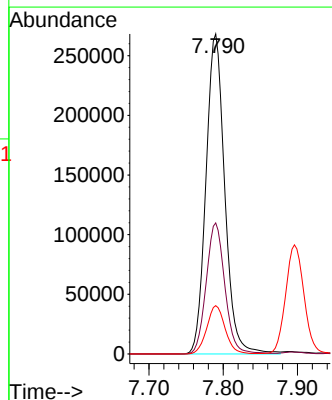
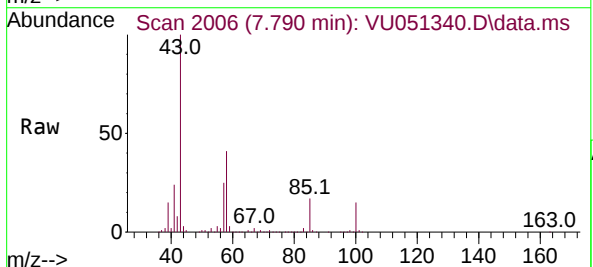
Tgt Ion: 43 Resp: 470936

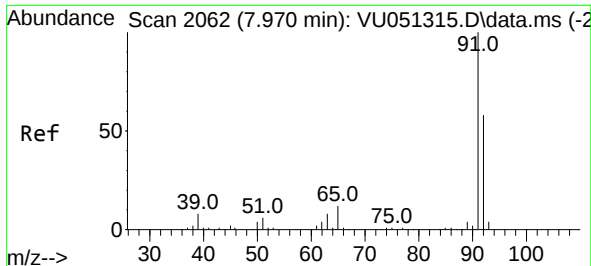
Ion Ratio Lower Upper

43 100

58 40.8 33.0 49.6

100 14.8 11.8 17.6





#42

Toluene

Concen: 5.219 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

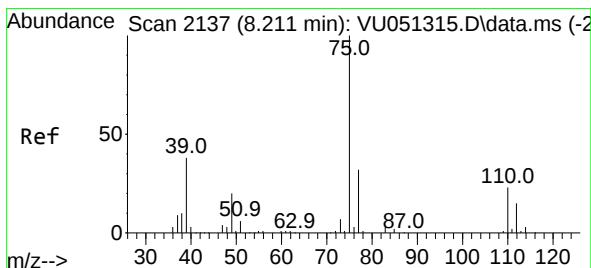
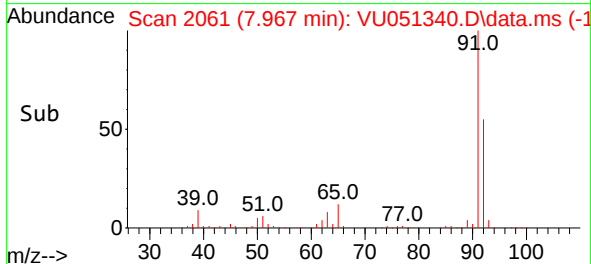
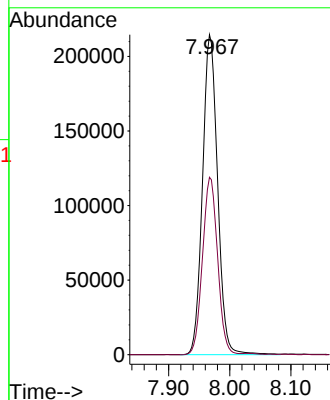
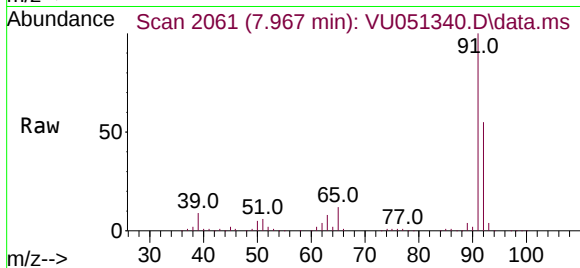
ClientSampleId :

Tgt Ion: 91 Resp: 368213

Ion Ratio Lower Upper

91 100

92 55.4 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 5.075 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU051340.D

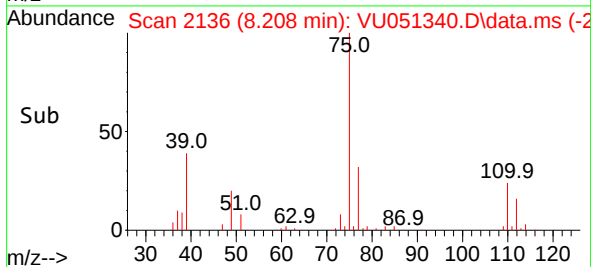
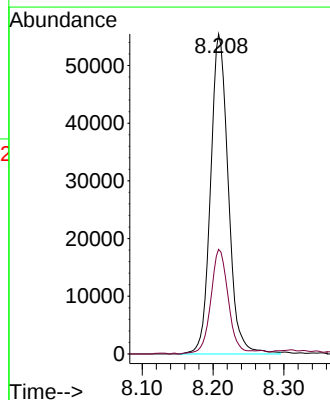
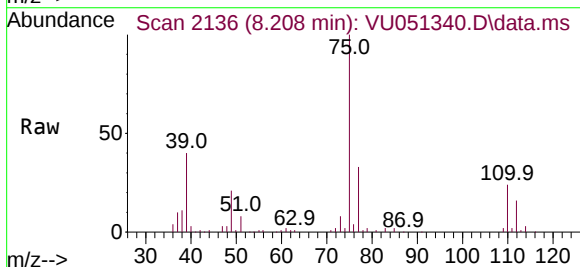
Acq: 10 Oct 2022 20:35

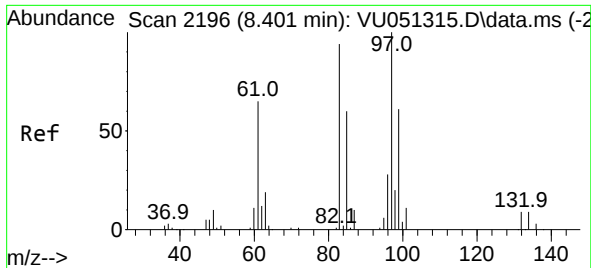
Tgt Ion: 75 Resp: 96103

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6



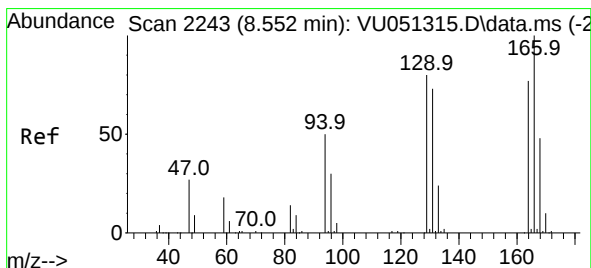
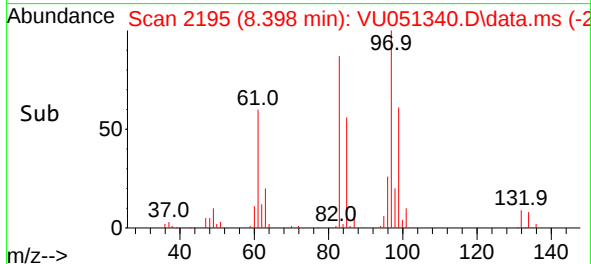
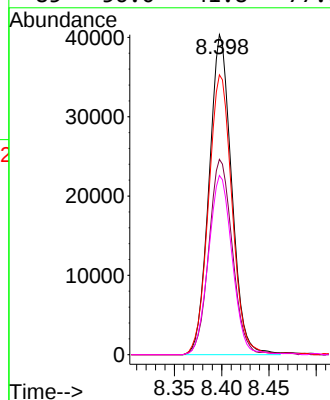
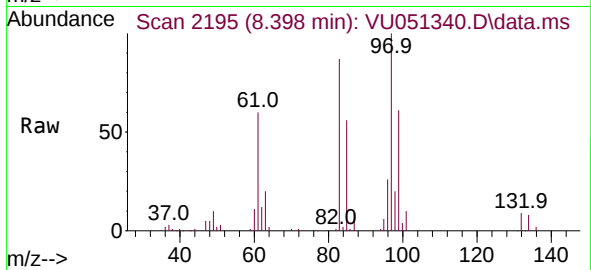


#45
1,1,2-Trichloroethane
Concen: 5.229 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 66881

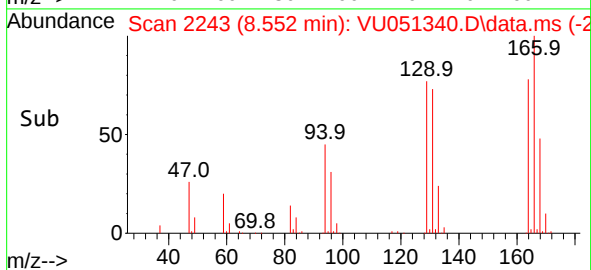
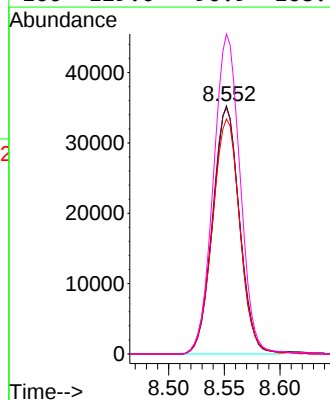
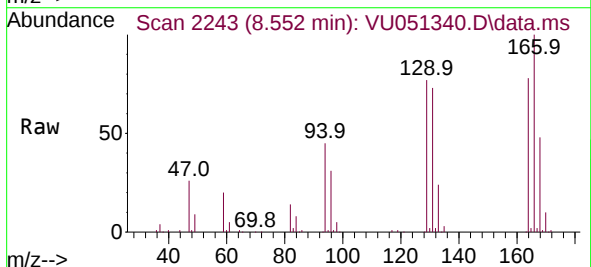
Ion	Ratio	Lower	Upper
97	100		
99	61.1	45.3	84.1
83	87.4	63.1	117.1
85	56.0	41.8	77.6

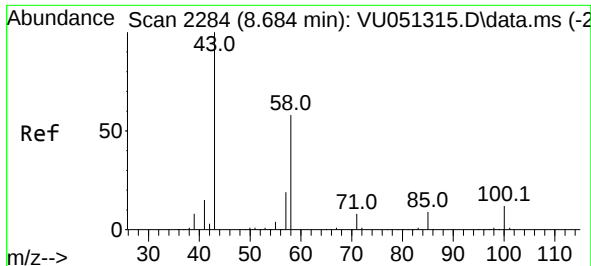


#47
Tetrachloroethene
Concen: 4.800 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 164 Resp: 58514

Ion	Ratio	Lower	Upper
164	100		
129	99.2	71.3	132.3
131	94.8	66.9	124.3
166	129.0	90.9	168.7

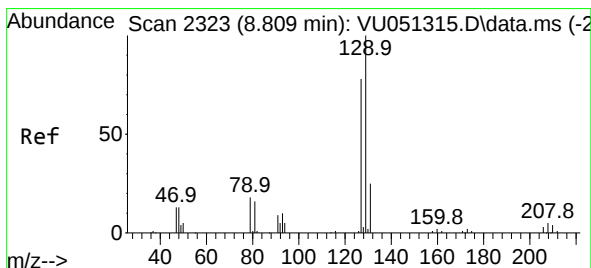
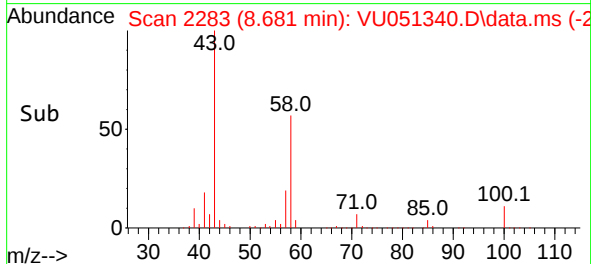
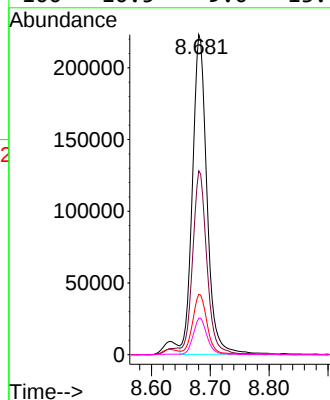
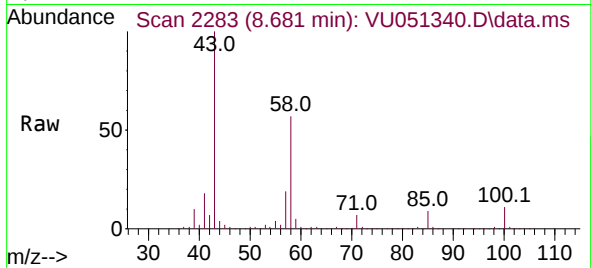




#48
2-Hexanone
Concen: 53.349 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

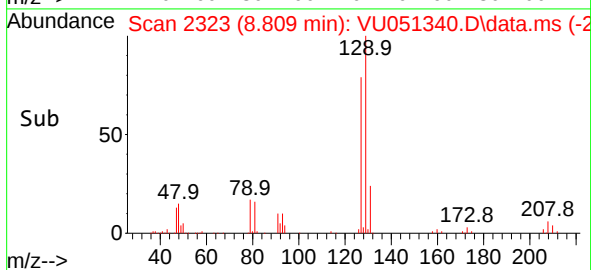
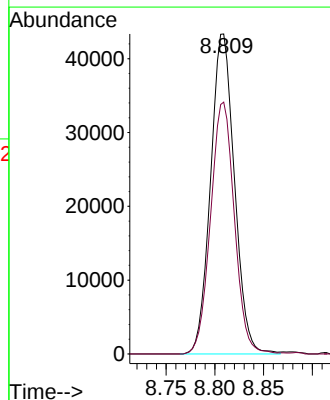
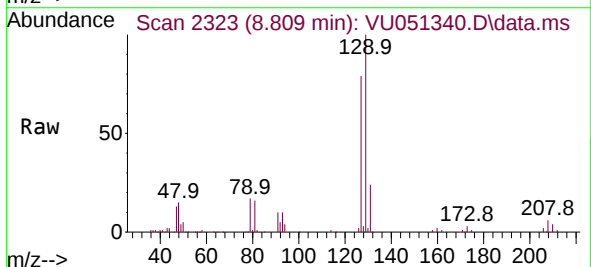
Instrument :
MSVOA_U
ClientSampleId :

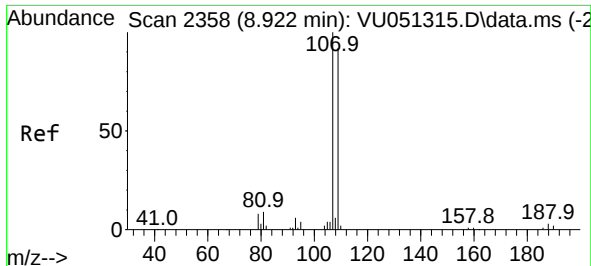
Tgt Ion: 43 Resp: 379659
Ion Ratio Lower Upper
43 100
58 58.8 48.2 72.2
57 18.5 15.5 23.3
100 10.5 9.0 13.4



#49
Dibromochloromethane
Concen: 5.155 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 129 Resp: 74032
Ion Ratio Lower Upper
129 100
127 78.7 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.352 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

ClientSampleId :

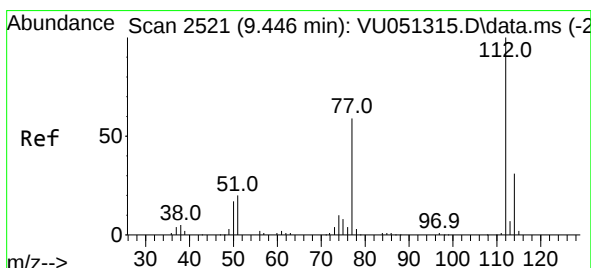
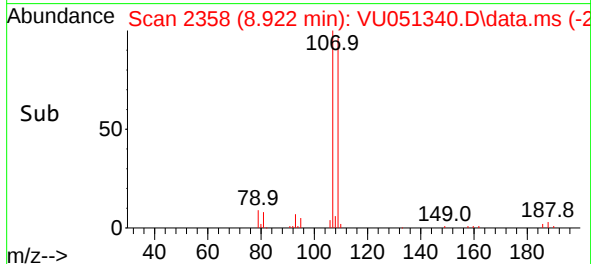
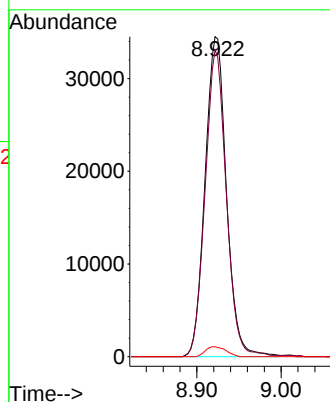
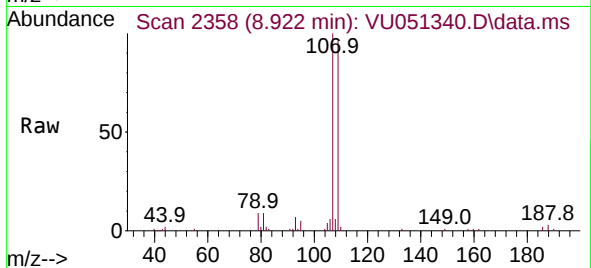
Tgt Ion:107 Resp: 60939

Ion Ratio Lower Upper

107 100

109 95.9 67.1 124.7

188 3.1 2.5 3.7



#51

Chlorobenzene

Concen: 5.225 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

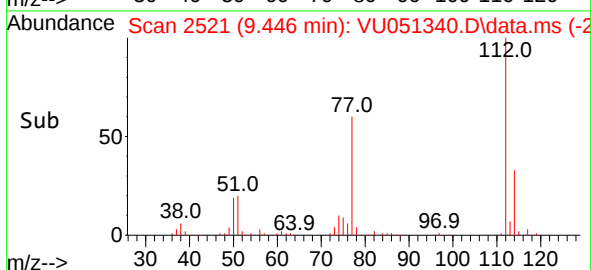
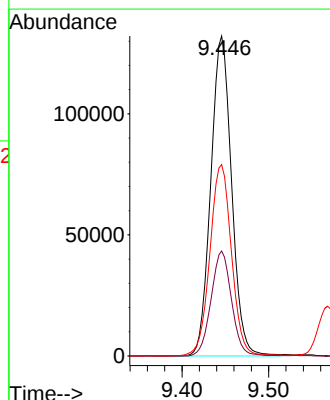
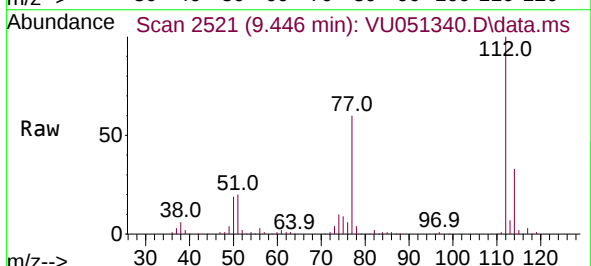
Tgt Ion:112 Resp: 220260

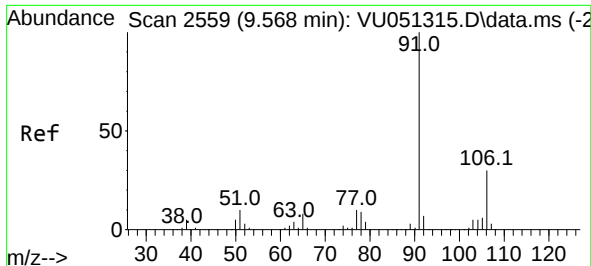
Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.5

77 59.8 48.1 72.1

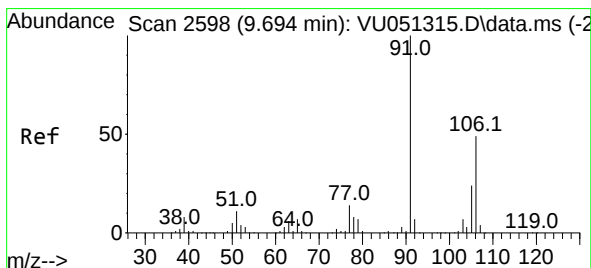
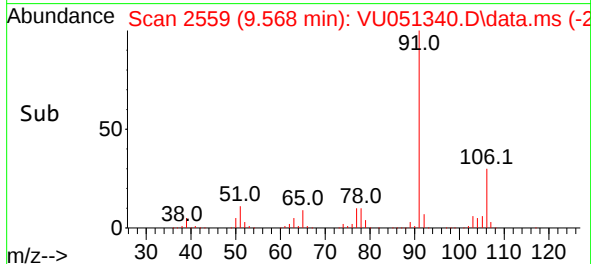
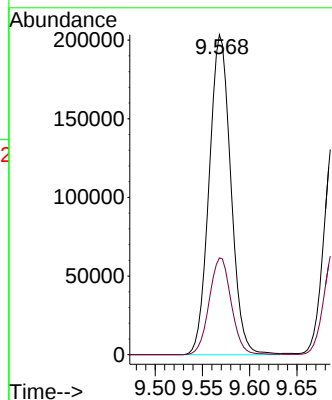
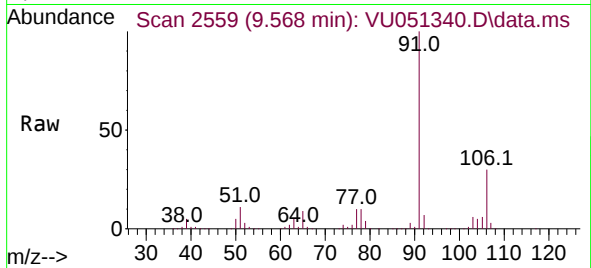




#52
Ethylbenzene
Concen: 5.114 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

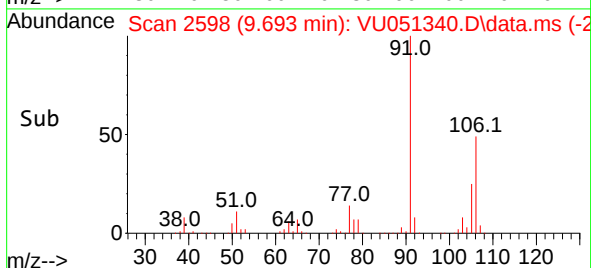
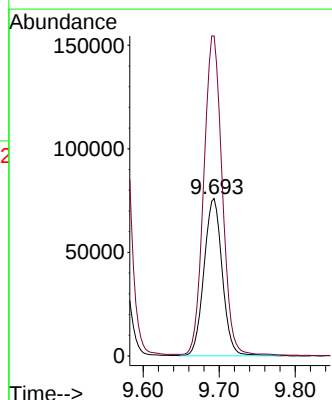
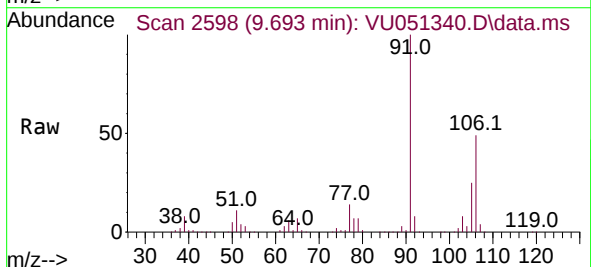
Instrument :
MSVOA_U
ClientSampleId :

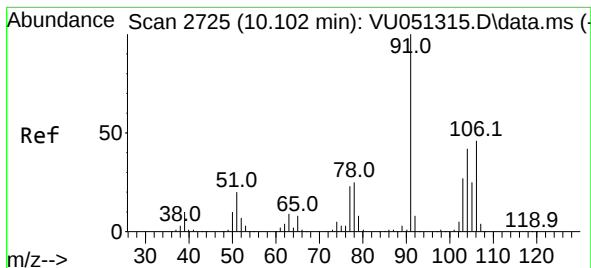
Tgt Ion: 91 Resp: 324242
Ion Ratio Lower Upper
91 100
106 30.3 20.9 38.7



#53
m,p-Xylene
Concen: 5.148 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 106 Resp: 126585
Ion Ratio Lower Upper
106 100
91 203.2 143.9 267.3





#54

o-Xylene

Concen: 5.195 ug/L

RT: 10.098 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

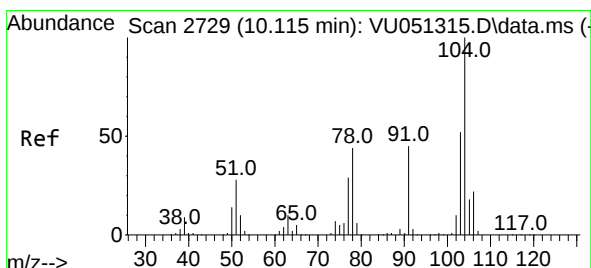
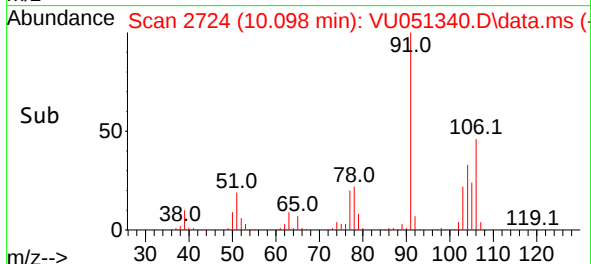
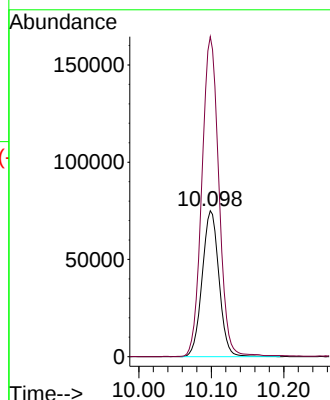
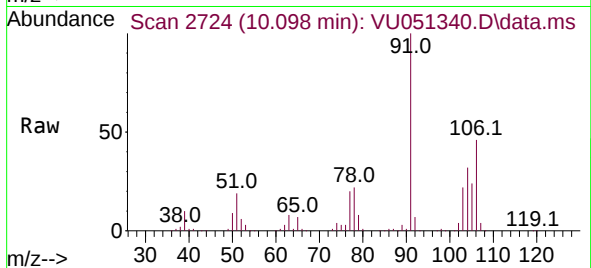
ClientSampleId :

Tgt Ion:106 Resp: 120866

Ion Ratio Lower Upper

106 100

91 219.3 154.4 286.8



#55

Styrene

Concen: 5.406 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU051340.D

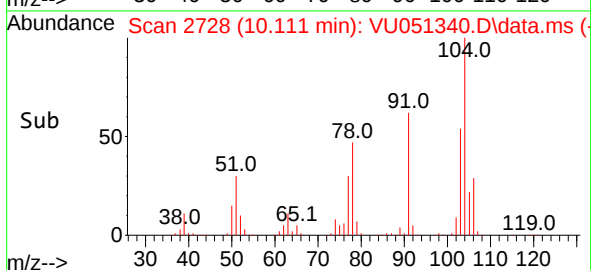
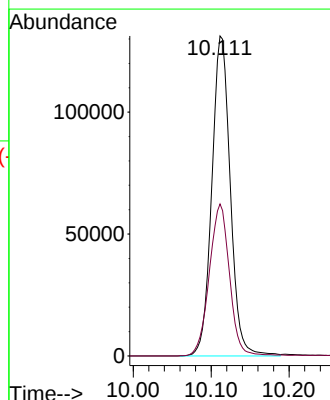
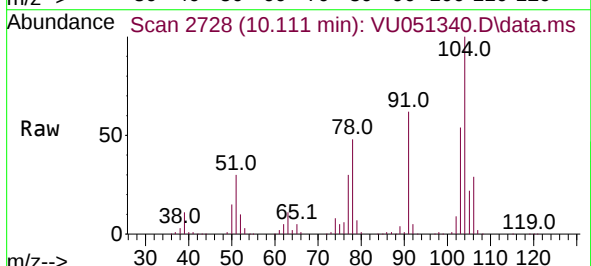
Acq: 10 Oct 2022 20:35

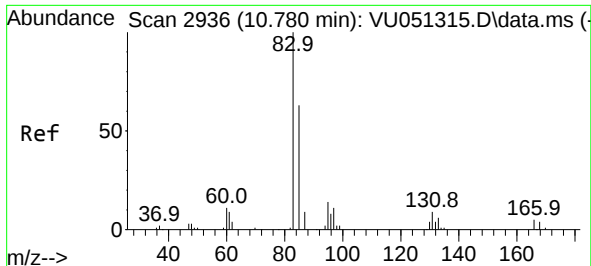
Tgt Ion:104 Resp: 216492

Ion Ratio Lower Upper

104 100

78 47.5 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.462 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

ClientSampleId :

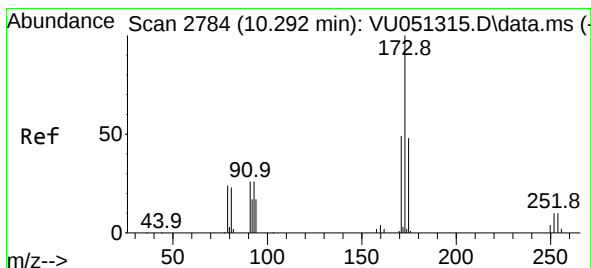
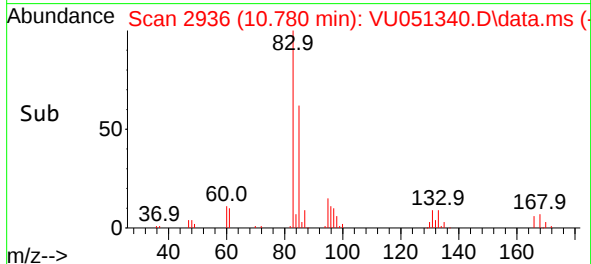
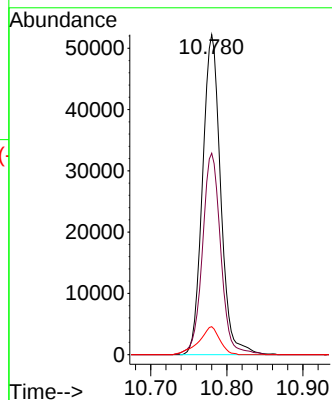
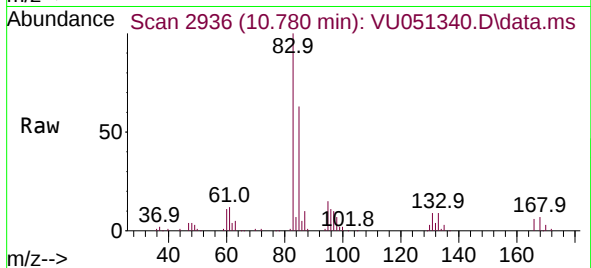
Tgt Ion: 83 Resp: 86486

Ion Ratio Lower Upper

83 100

85 63.0 45.9 85.3

131 8.8 7.4 11.2



#59

Bromoform

Concen: 4.582 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.003 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

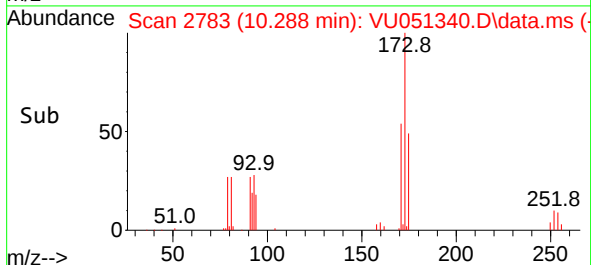
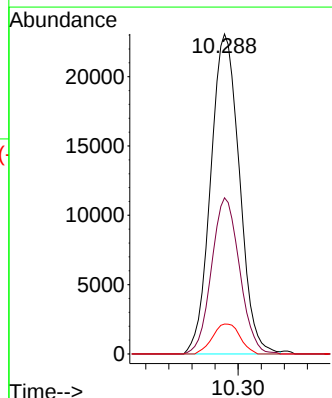
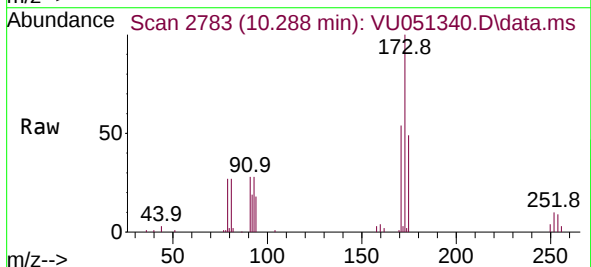
Tgt Ion: 173 Resp: 39826

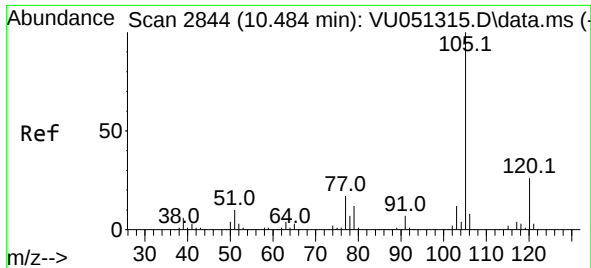
Ion Ratio Lower Upper

173 100

175 47.6 39.0 58.4

254 9.0 7.5 11.3

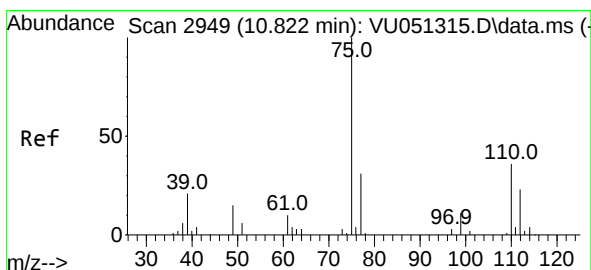
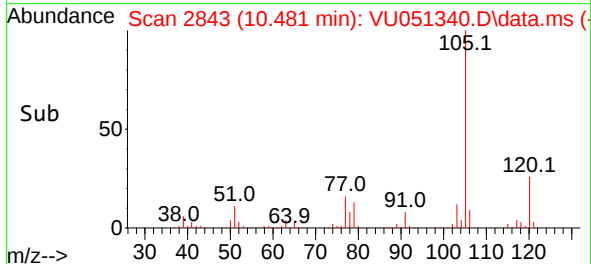
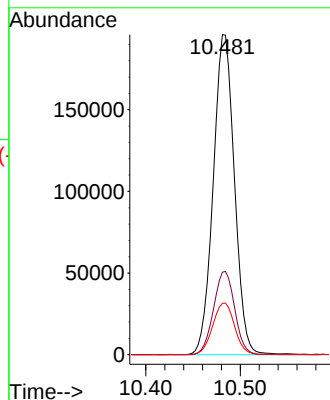
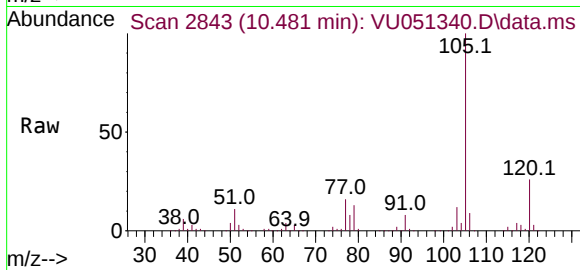




#60
Isopropylbenzene
Concen: 4.612 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

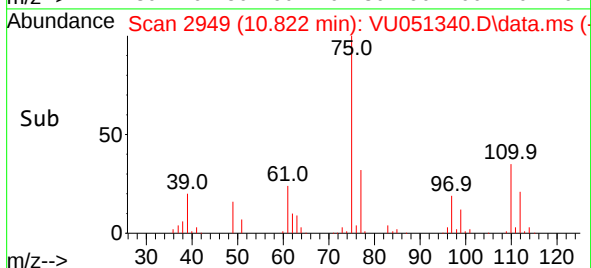
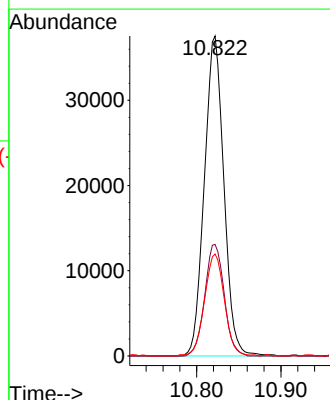
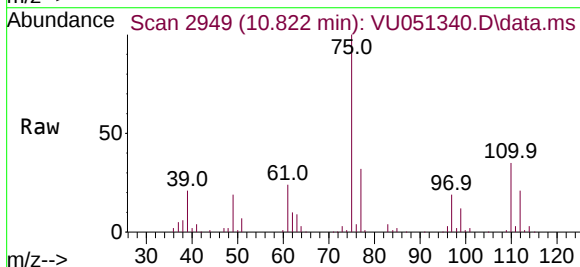
Instrument :
MSVOA_U
ClientSampleId :

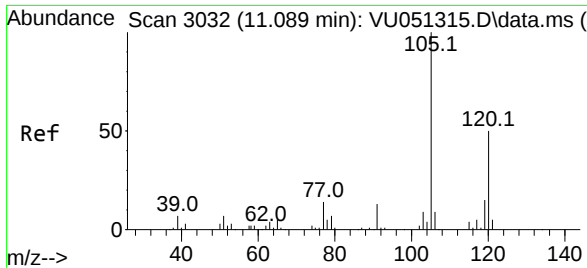
Tgt Ion:105 Resp: 305211
Ion Ratio Lower Upper
105 100
120 26.1 20.6 30.8
77 16.7 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 4.587 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion: 75 Resp: 60513
Ion Ratio Lower Upper
75 100
110 34.7 27.0 40.6
77 32.5 26.4 39.6

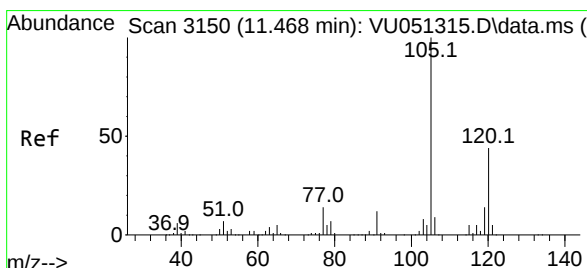
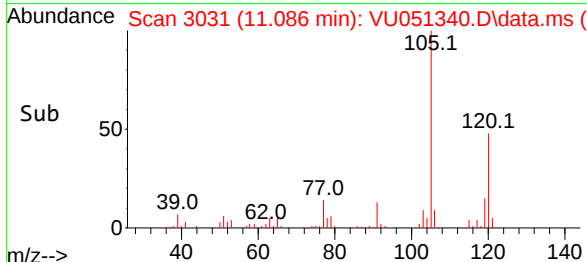
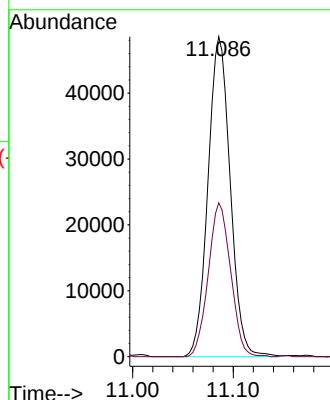
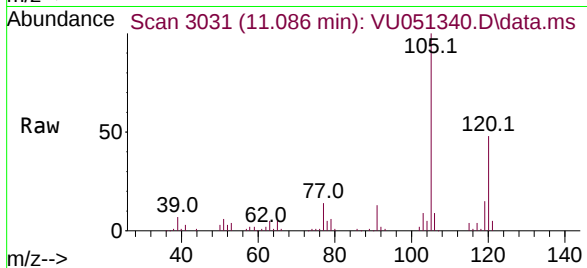




#62
 1,3,5-Trimethylbenzene
 Concen: 4.253 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU051340.D
 Acq: 10 Oct 2022 20:35

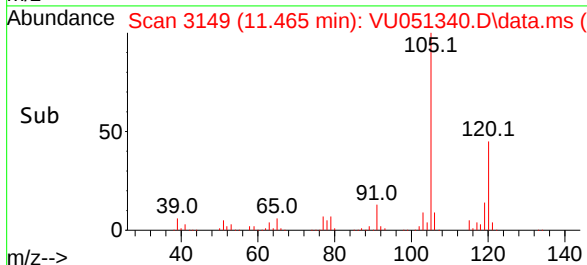
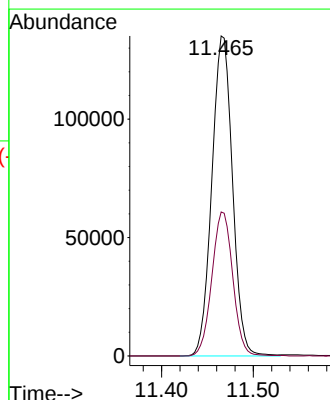
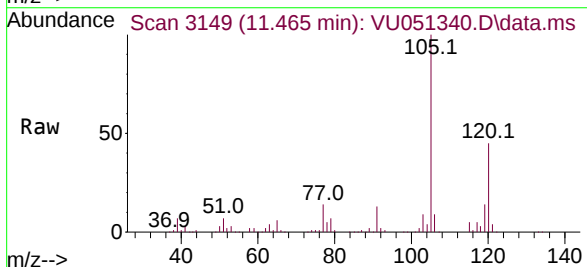
Instrument :
 MSVOA_U
 ClientSampleId :

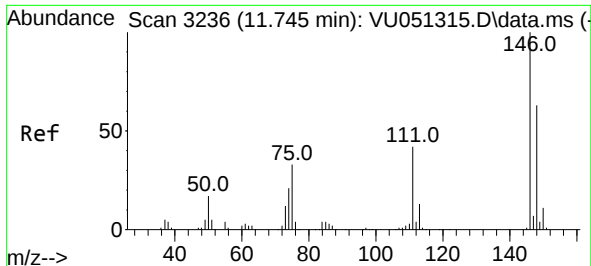
Tgt Ion:105 Resp: 74648
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.256 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051340.D
 Acq: 10 Oct 2022 20:35

Tgt Ion:105 Resp: 211266
 Ion Ratio Lower Upper
 105 100
 120 45.6 35.6 53.4

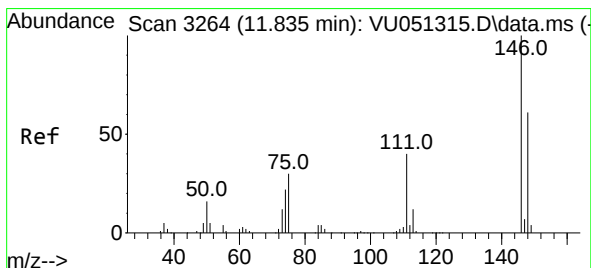
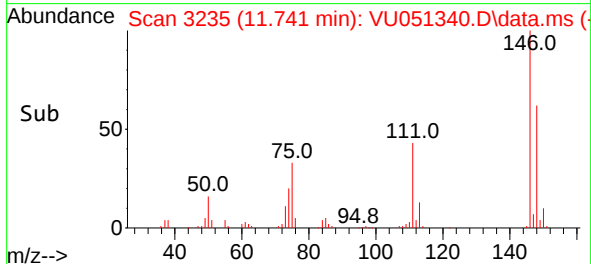
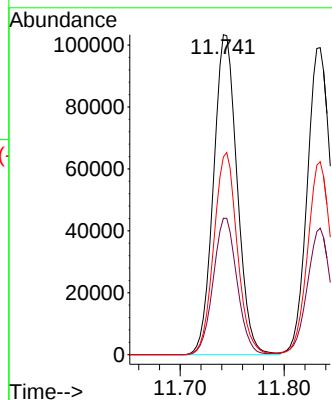
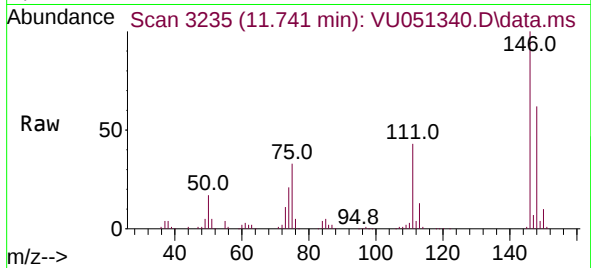




#64
1,3-Dichlorobenzene
Concen: 5.001 ug/L
RT: 11.741 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

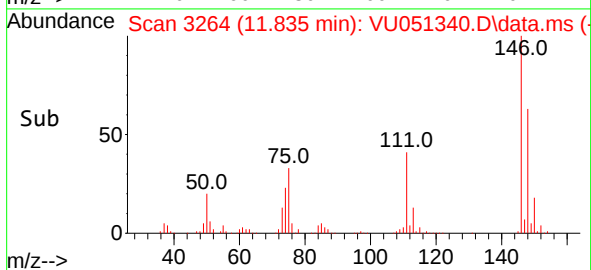
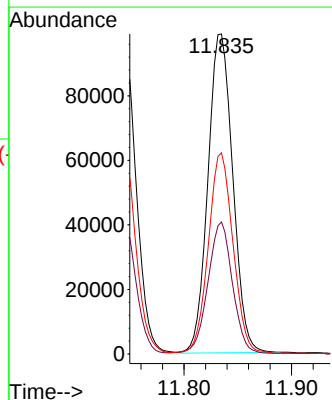
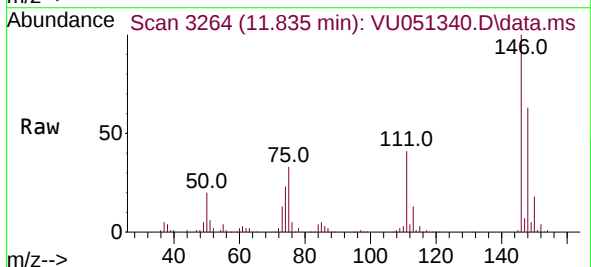
Instrument :
MSVOA_U
ClientSampleId :

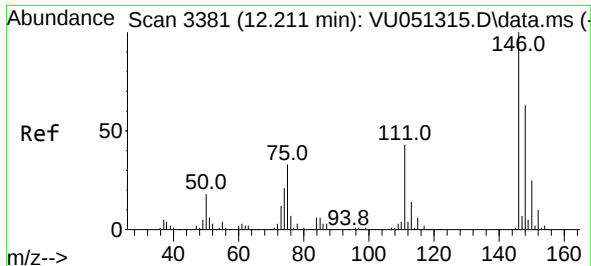
Tgt Ion:146 Resp: 163697
Ion Ratio Lower Upper
146 100
111 42.7 28.3 52.7
148 61.8 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.917 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion:146 Resp: 158627
Ion Ratio Lower Upper
146 100
111 41.2 29.1 54.1
148 62.9 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.820 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

ClientSampleId :

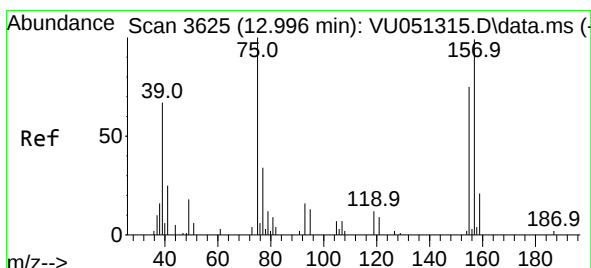
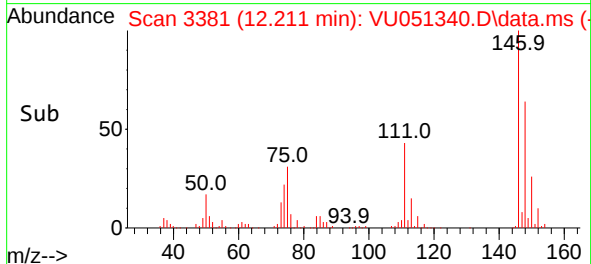
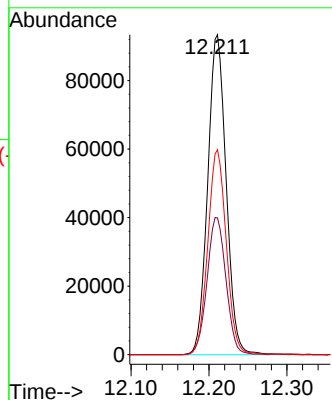
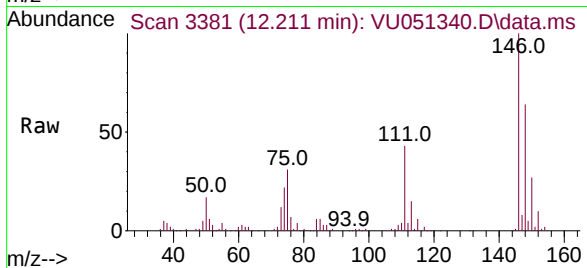
Tgt Ion:146 Resp: 153358

Ion Ratio Lower Upper

146 100

111 42.8 35.5 53.3

148 64.0 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.753 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

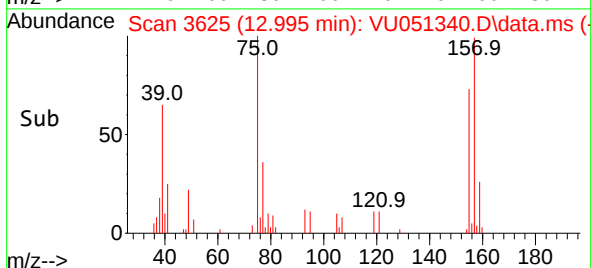
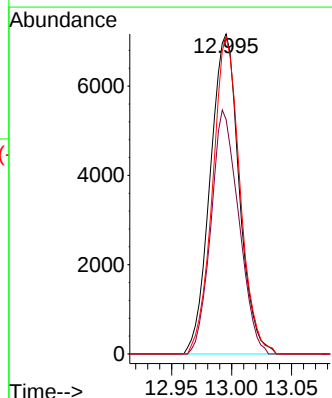
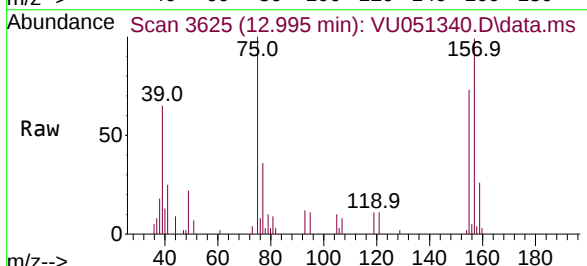
Tgt Ion: 75 Resp: 11993

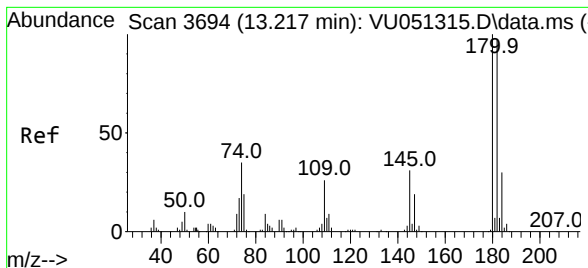
Ion Ratio Lower Upper

75 100

155 73.3 62.7 94.1

157 99.1 78.3 117.5





#69

1,3,5-Trichlorobenzene

Concen: 4.836 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.000 min

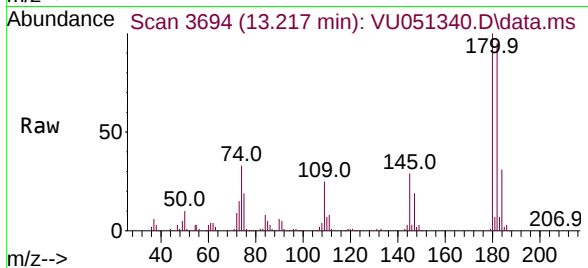
Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 109108

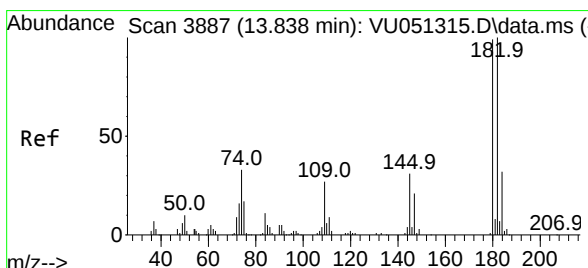
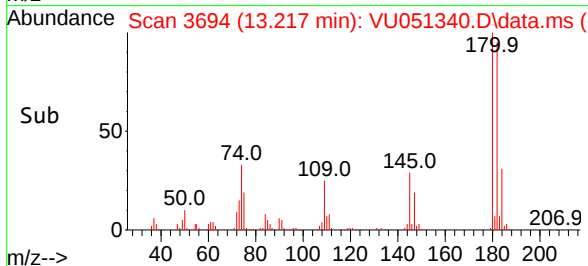
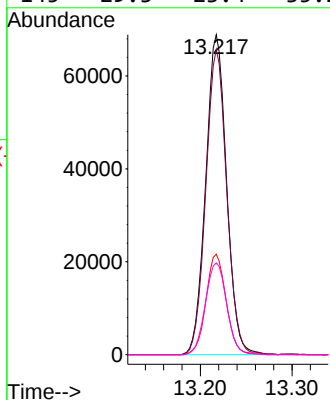
Ion Ratio Lower Upper

180 100

182 95.4 77.7 116.5

184 30.3 23.6 35.4

145 29.3 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 4.768 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051340.D

Acq: 10 Oct 2022 20:35

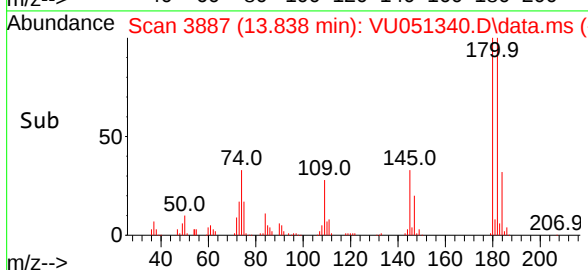
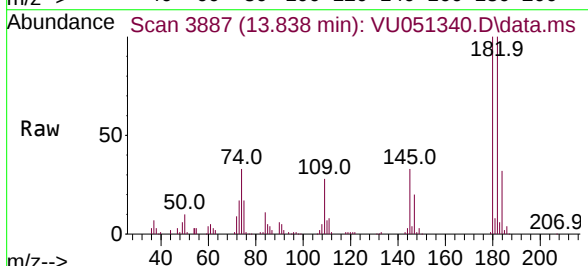
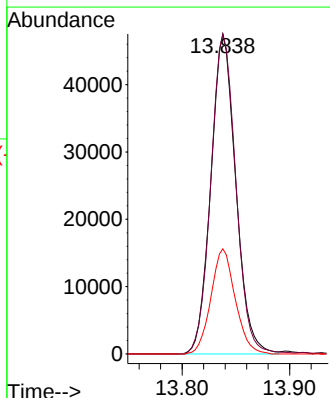
Tgt Ion:180 Resp: 76452

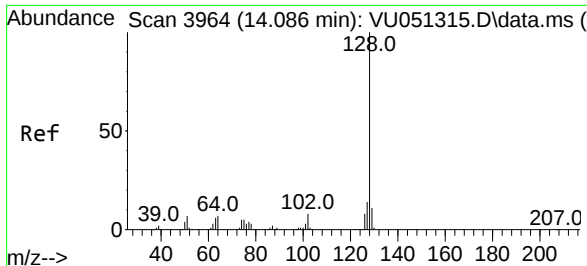
Ion Ratio Lower Upper

180 100

182 100.1 78.7 118.1

145 32.0 25.0 37.4

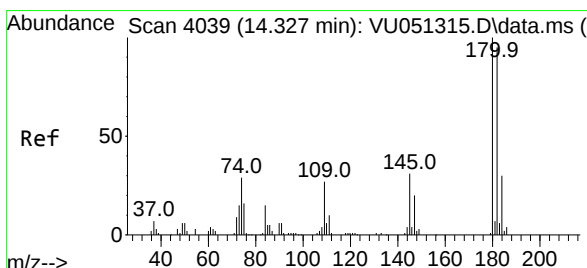
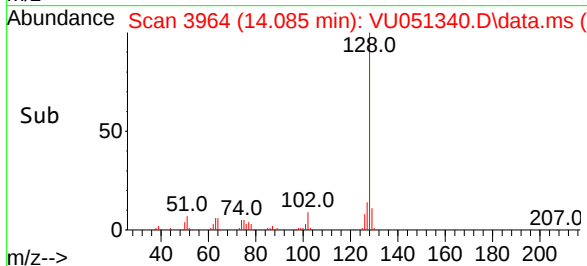
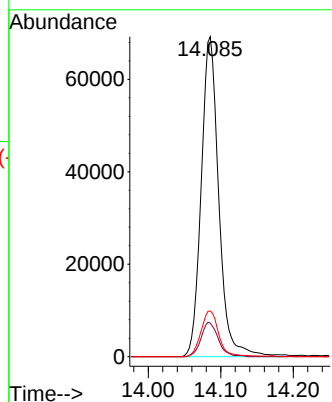
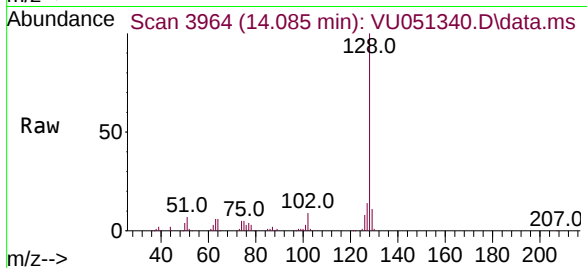




#71
Naphthalene
Concen: 3.911 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 116563
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 14.5 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.659 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051340.D
Acq: 10 Oct 2022 20:35

Tgt Ion:180 Resp: 77274
Ion Ratio Lower Upper
180 100
182 96.4 76.6 114.8
145 32.2 25.8 38.8

