

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110422\
 Data File : VU051750.D
 Acq On : 04 Nov 2022 10:15
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 04 22:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 00:49:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	200043	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	210932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	122273	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64112	4.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.909	69	59380	3.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.565	65	25238	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.616	46	189943	34.811	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.620%
24) Chloroform-d	5.060	84	144836	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
26) 1,2-Dichloroethane-d4	5.700	65	69985	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
32) Benzene-d6	5.726	84	268512	4.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.690	67	89013	3.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.400%
41) Toluene-d8	7.896	98	246192	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.179	79	31961	4.491	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.629	63	164853	38.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.960%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	86812	4.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	93671	4.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	108316	4.951	ug/L	99
3) Chloromethane	1.523	50	104876	3.803	ug/L	99
5) Vinyl chloride	1.604	62	126884	4.803	ug/L #	78
6) Bromomethane	1.854	94	65759	5.250	ug/L	99
8) Chloroethane	1.932	64	82650	5.152	ug/L	95
9) Trichlorofluoromethane	2.137	101	149575	5.158	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	92758	5.441	ug/L	97
12) 1,1-Dichloroethene	2.578	96	84161	4.839	ug/L	92
13) Acetone	2.620	43	146193	52.806	ug/L	99
14) Carbon disulfide	2.793	76	267297	4.768	ug/L	100
15) Methyl Acetate	2.948	43	36798	5.077	ug/L	94
16) Methylene chloride	3.044	84	115272	4.047	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	201985	5.065	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	93674	5.019	ug/L	99
19) 1,1-Dichloroethane	3.867	63	176063	5.114	ug/L	99
21) 2-Butanone	4.697	43	234273	54.036	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	105271	5.097	ug/L	96
23) Bromochloromethane	4.973	128	49666	5.143	ug/L	98
25) Chloroform	5.086	83	181655	5.087	ug/L	98

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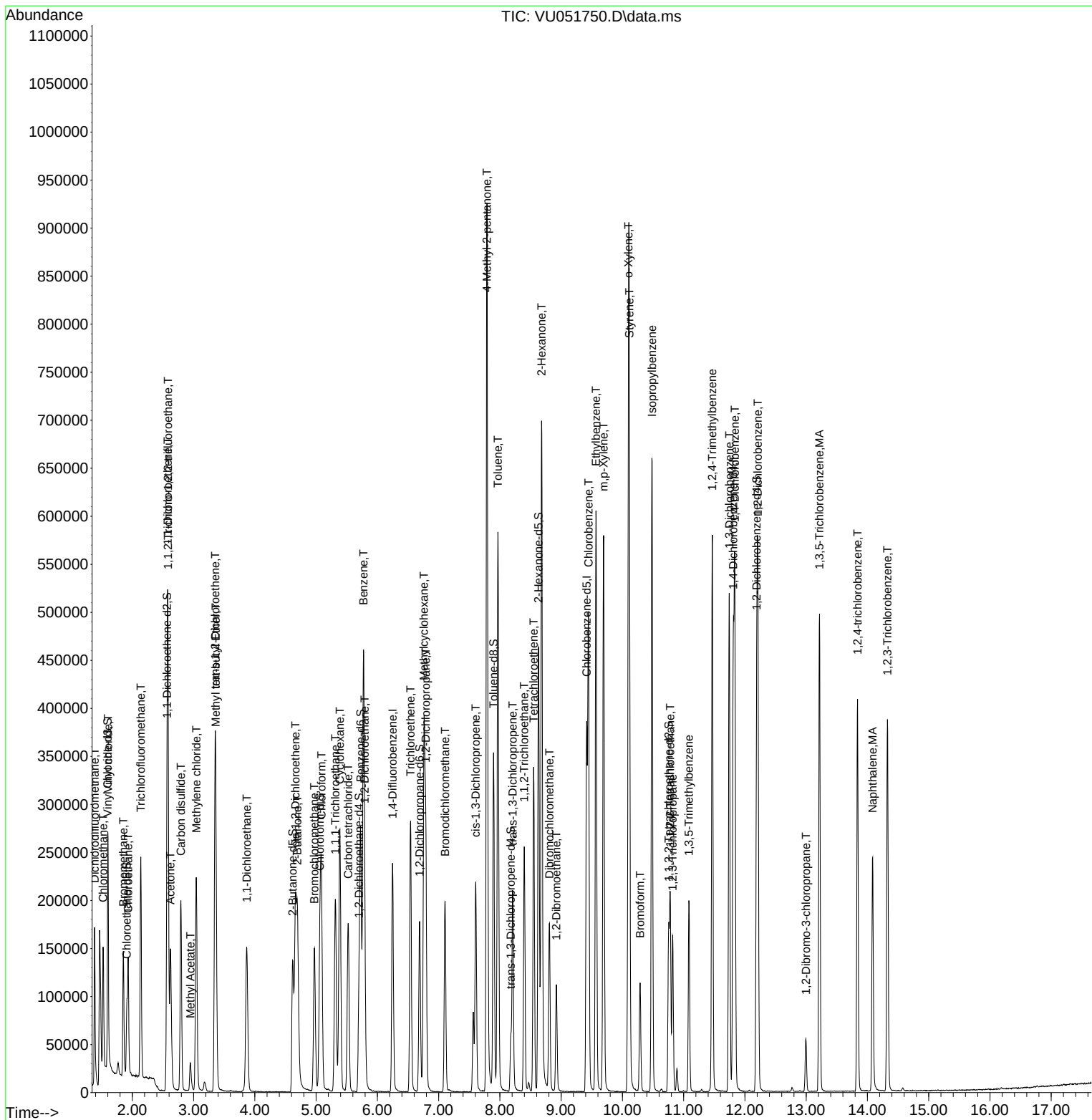
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 ClientSampleId :

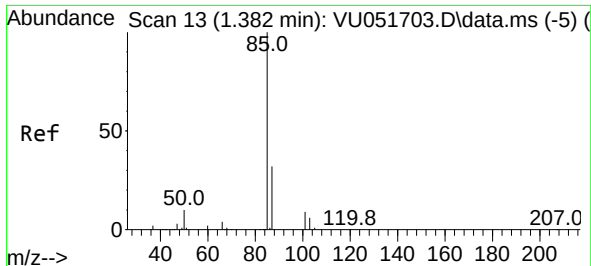
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	110101	5.010	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	143094	4.996	ug/L	98
30) Cyclohexane	5.388	56	126427	4.794	ug/L	99
31) Carbon tetrachloride	5.523	117	123310	5.034	ug/L	99
33) Benzene	5.774	78	407632	4.897	ug/L	100
34) Trichloroethene	6.542	95	100239	4.990	ug/L	98
35) Methylcyclohexane	6.761	83	142048	5.114	ug/L	98
37) 1,2-Dichloropropane	6.790	63	106945	4.995	ug/L	99
38) Bromodichloromethane	7.105	83	133493	5.105	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	136788	4.980	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	563344	52.460	ug/L	100
42) Toluene	7.967	91	445899	5.216	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	118896	5.180	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	81401	5.188	ug/L	97
47) Tetrachloroethene	8.552	164	78713	5.116	ug/L	95
48) 2-Hexanone	8.681	43	418756	52.682	ug/L	98
49) Dibromochloromethane	8.809	129	92755	5.175	ug/L	100
50) 1,2-Dibromoethane	8.922	107	74299	5.249	ug/L	98
51) Chlorobenzene	9.446	112	274662	5.105	ug/L	99
52) Ethylbenzene	9.568	91	425816	5.162	ug/L	99
53) m,p-Xylene	9.693	106	168718	5.266	ug/L	95
54) o-Xylene	10.099	106	165045	5.271	ug/L	100
55) Styrene	10.115	104	289469	5.530	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	101607	5.223	ug/L	98
59) Bromoform	10.288	173	53901	4.771	ug/L	98
60) Isopropylbenzene	10.484	105	426162	4.774	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	72211	4.567	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	108043	4.496	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	317830	4.587	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	219613	4.942	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	221475	4.971	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	207856	4.802	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	15166	4.658	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	158932	5.018	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	126990	5.222	ug/L	99
71) Naphthalene	14.085	128	208800	4.600	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	124103	5.054	ug/L	99

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

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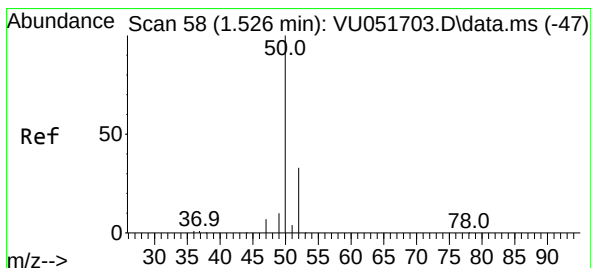
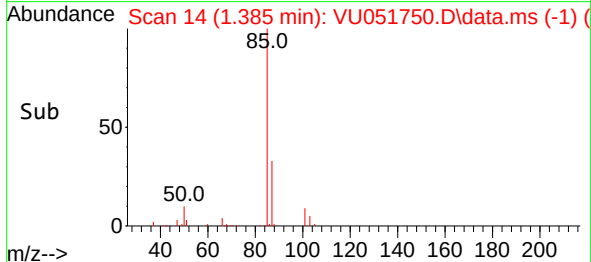
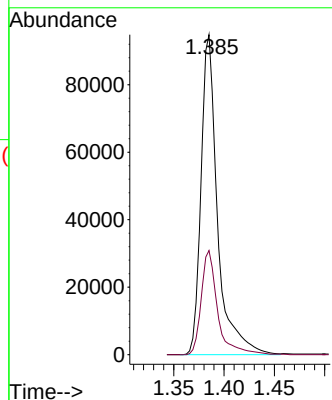
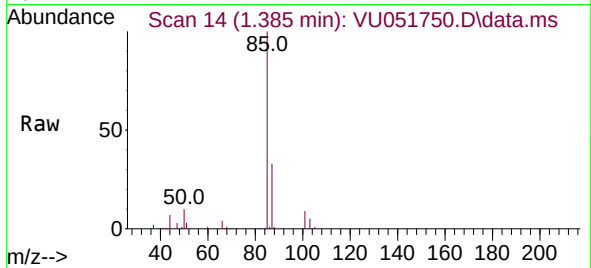




#2
Dichlorodifluoromethane
Concen: 4.951 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

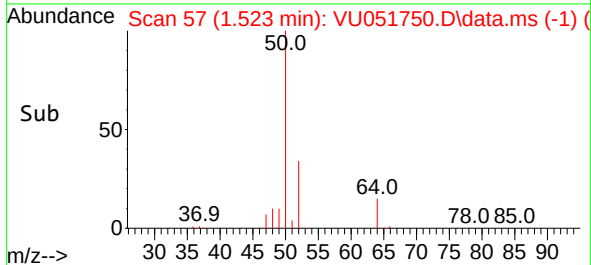
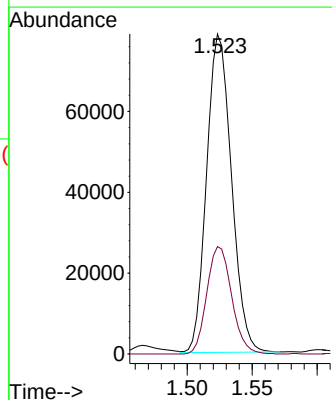
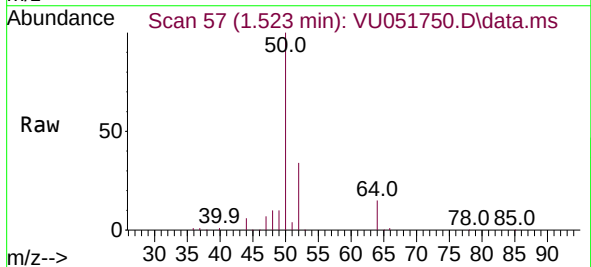
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MSVOA_U
ClientSampleId :

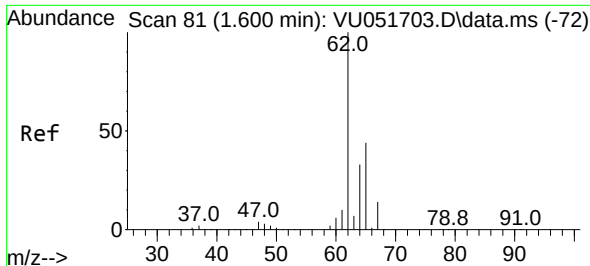
Tgt Ion: 85 Resp: 108316
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 3.803 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion: 50 Resp: 104876
Ion Ratio Lower Upper
50 100
52 33.5 23.2 43.2

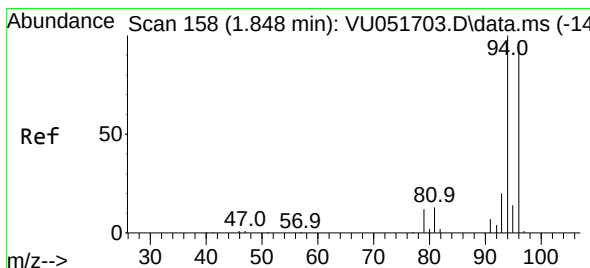
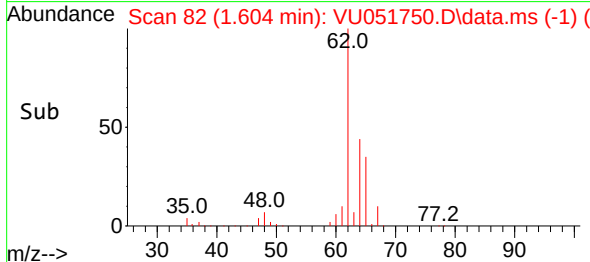
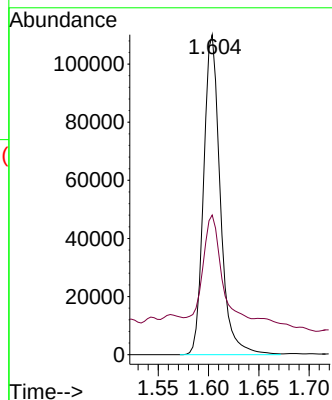
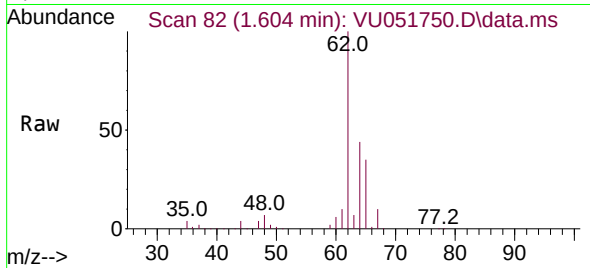




#5
 Vinyl chloride
 Concen: 4.803 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051750.D
 Acq: 04 Nov 2022 10:15

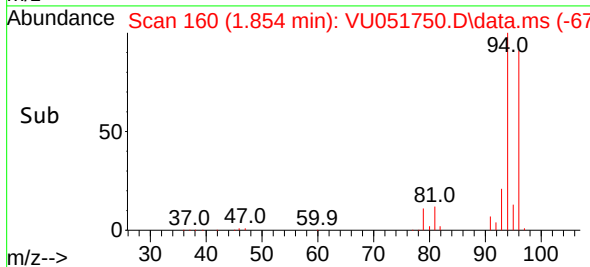
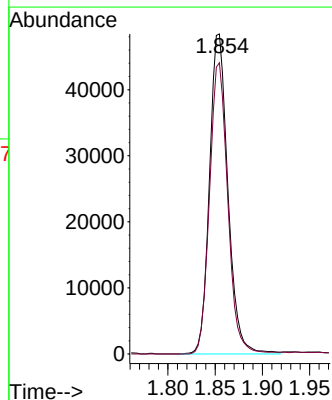
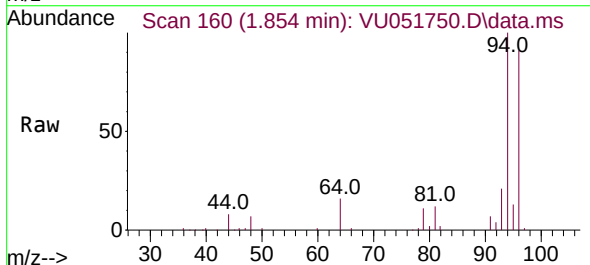
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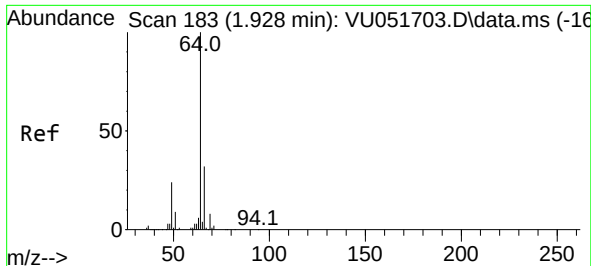
Tgt Ion: 62 Resp: 126884
 Ion Ratio Lower Upper
 62 100
 64 43.6 22.1 41.1#



#6
 Bromomethane
 Concen: 5.250 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU051750.D
 Acq: 04 Nov 2022 10:15

Tgt Ion: 94 Resp: 65759
 Ion Ratio Lower Upper
 94 100
 96 91.0 63.2 117.4

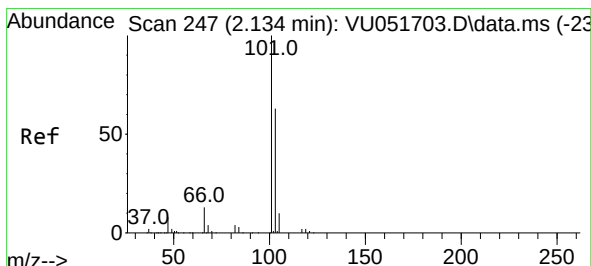
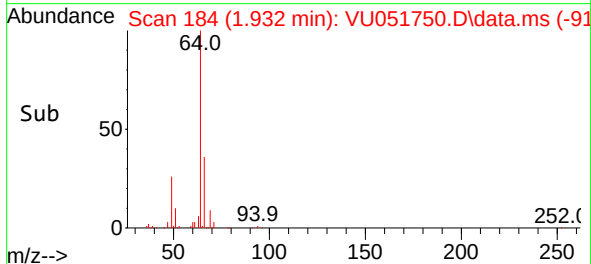
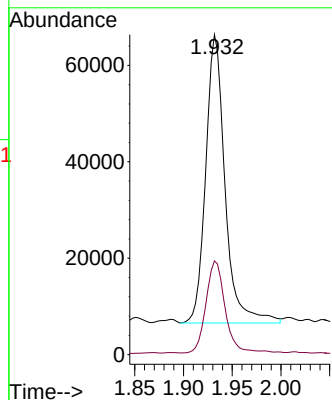
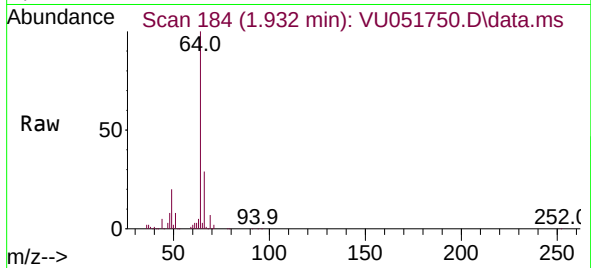




#8
Chloroethane
Concen: 5.152 ug/L
RT: 1.932 min Scan# 183
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

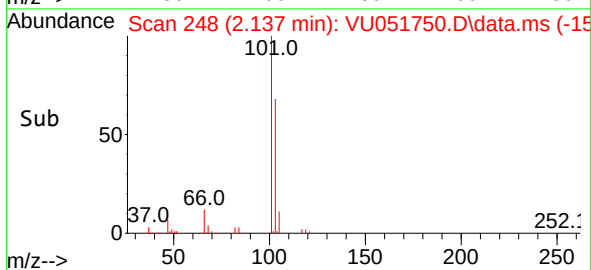
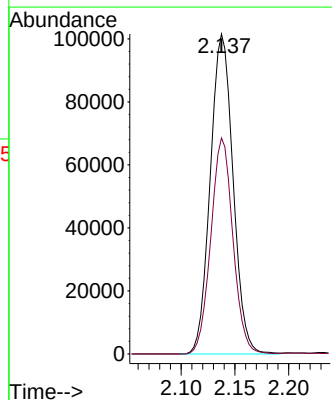
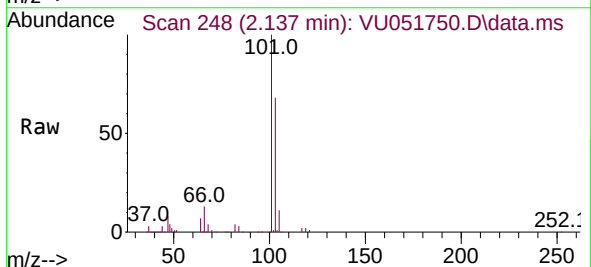
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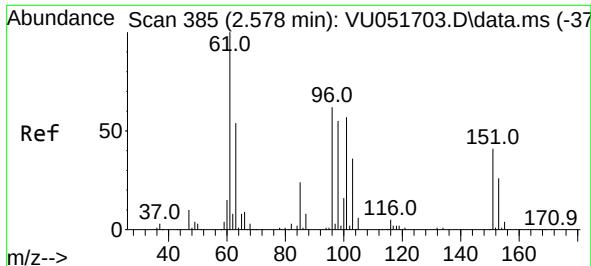
Tgt Ion: 64 Resp: 82650
Ion Ratio Lower Upper
64 100
66 29.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.158 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion: 101 Resp: 149575
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

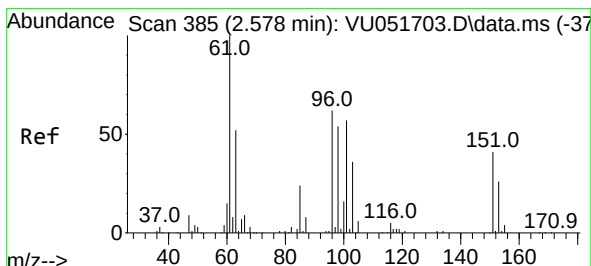
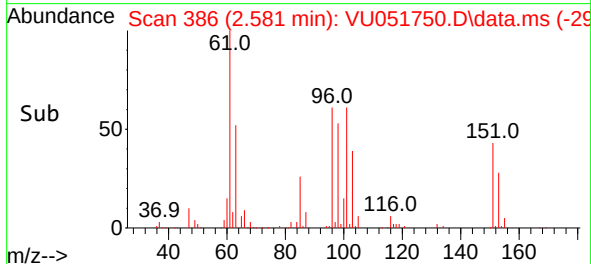
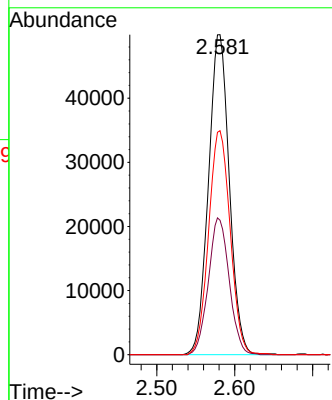
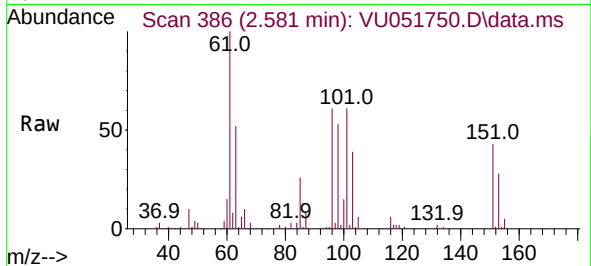




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.441 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051750.D
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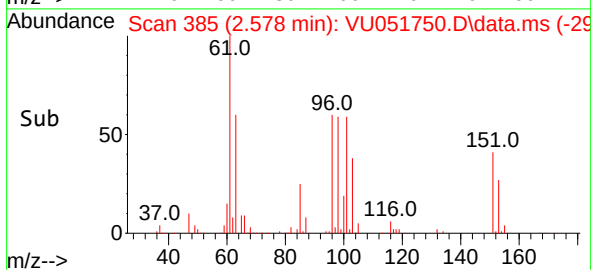
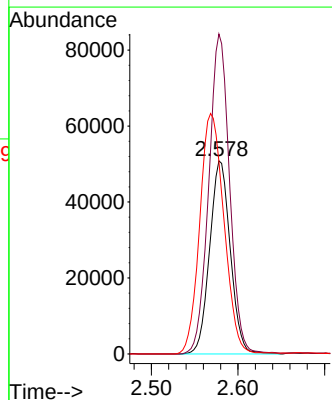
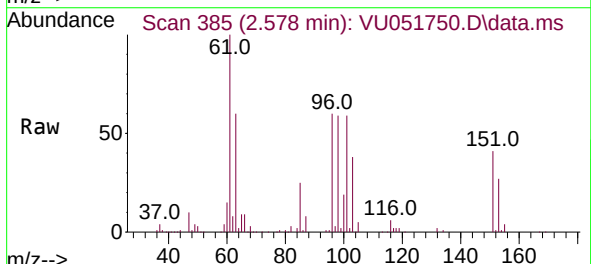
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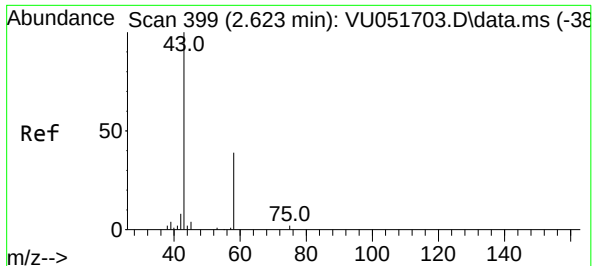
Tgt Ion:101 Resp: 92758
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.6 53.4
 151 72.4 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 4.839 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051750.D
 Acq: 04 Nov 2022 10:15

Tgt Ion: 96 Resp: 84161
 Ion Ratio Lower Upper
 96 100
 61 165.7 108.8 202.0
 63 99.7 64.9 120.5





#13

Acetone

Concen: 52.806 ug/L

RT: 2.620 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

Instrument :

MSVOA_U

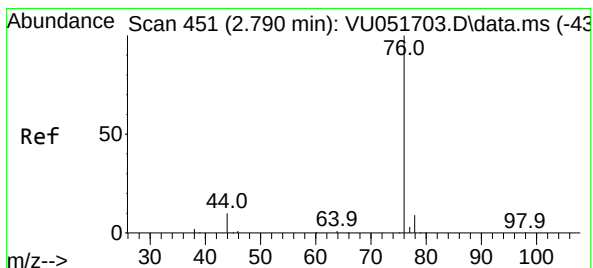
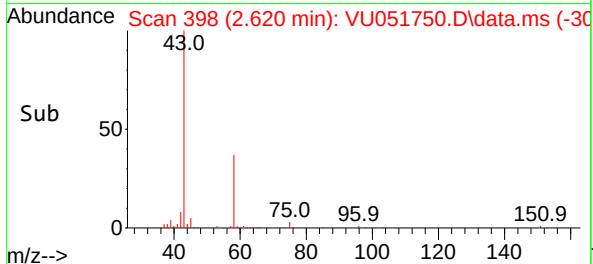
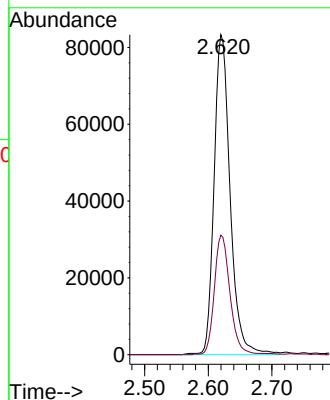
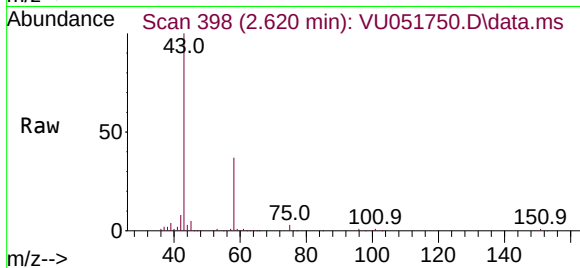
ClientSampleId :

Tgt Ion: 43 Resp: 146193

Ion Ratio Lower Upper

43 100

58 36.3 0.0 73.8



#14

Carbon disulfide

Concen: 4.768 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU051750.D

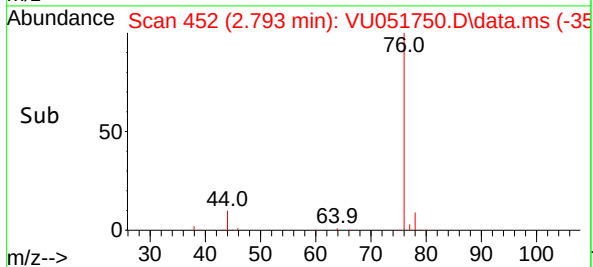
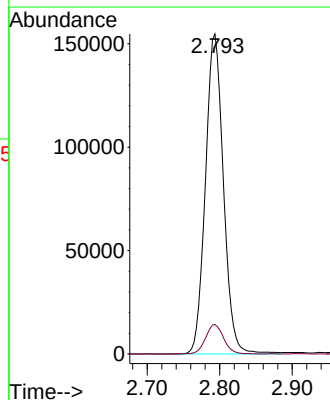
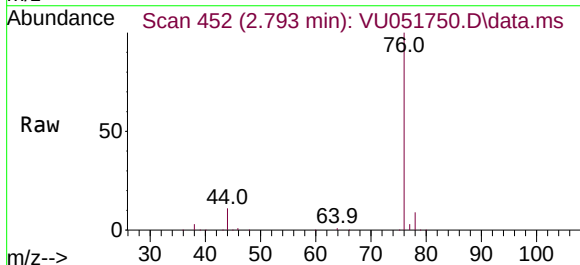
Acq: 04 Nov 2022 10:15

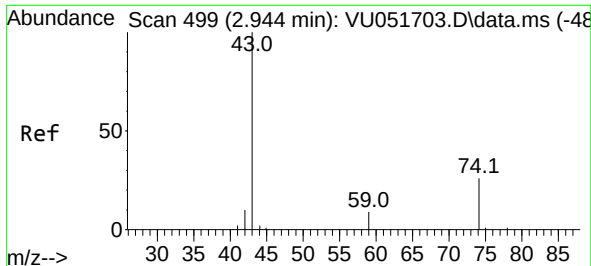
Tgt Ion: 76 Resp: 267297

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

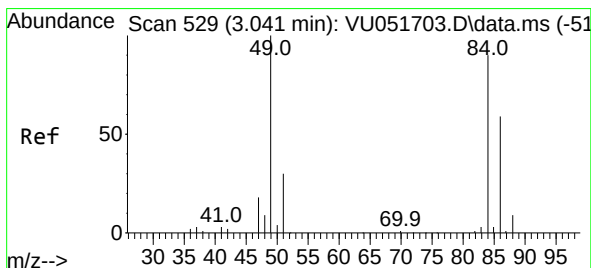
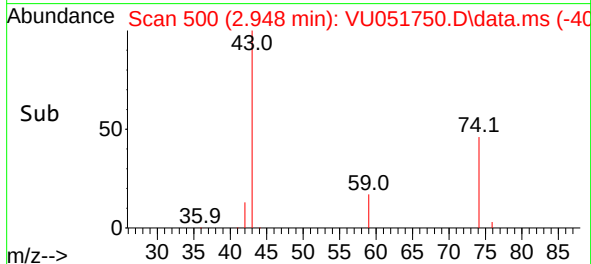
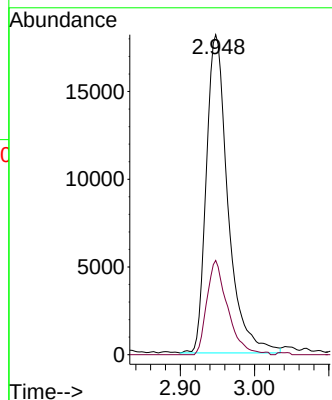
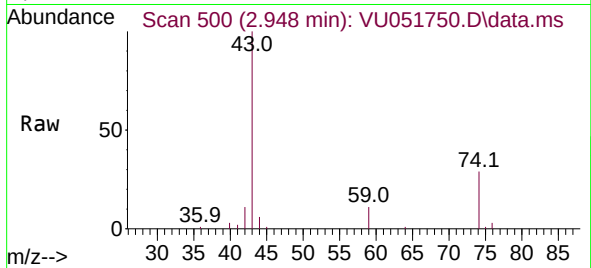




#15
Methyl Acetate
Concen: 5.077 ug/L
RT: 2.948 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

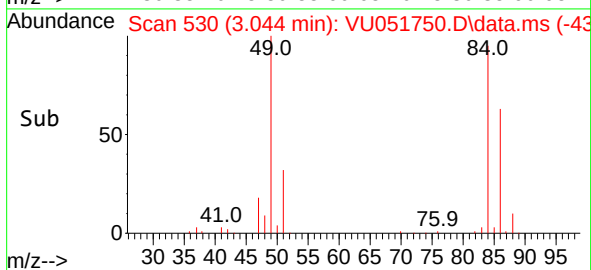
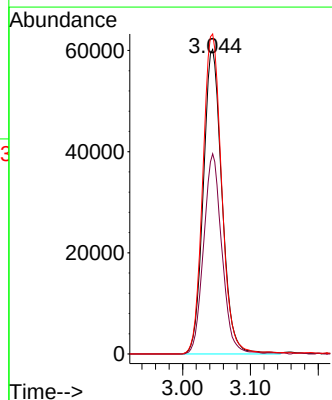
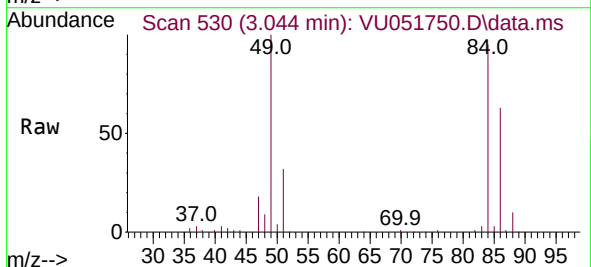
Instrument :
MSVOA_U
ClientSampleId :

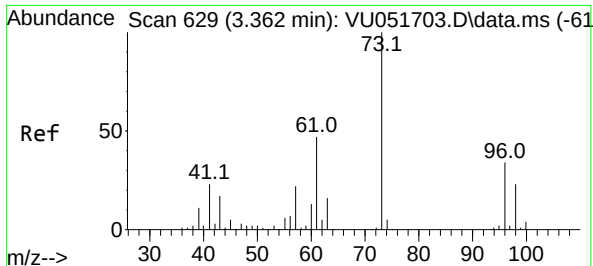
Tgt Ion: 43 Resp: 36798
Ion Ratio Lower Upper
43 100
74 28.5 20.2 30.4



#16
Methylene chloride
Concen: 4.047 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

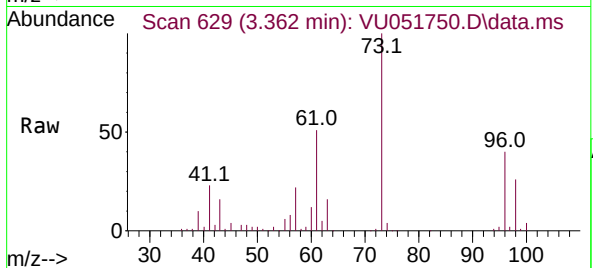
Tgt Ion: 84 Resp: 115272
Ion Ratio Lower Upper
84 100
86 65.8 46.3 85.9
49 105.1 76.0 141.2



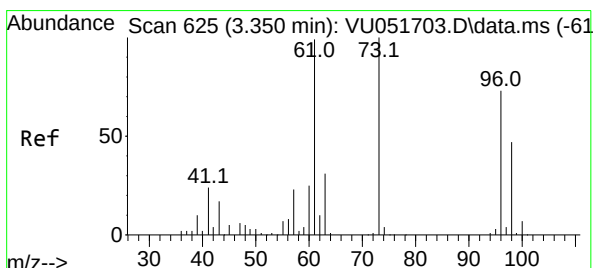
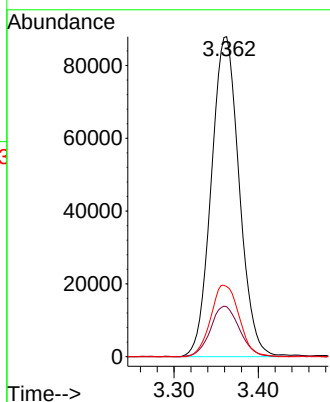
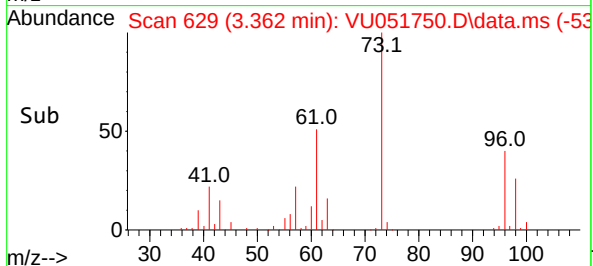


#17
Methyl tert-butyl Ether
Concen: 5.065 ug/L
RT: 3.362 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Instrument :
MSVOA_U
ClientSampleId :

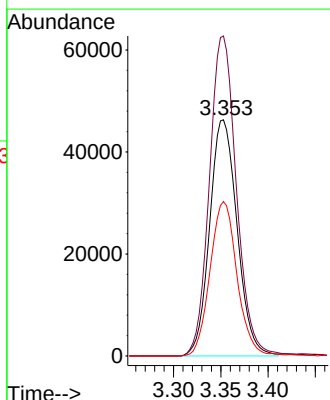
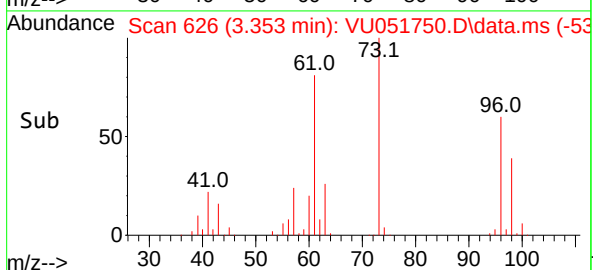
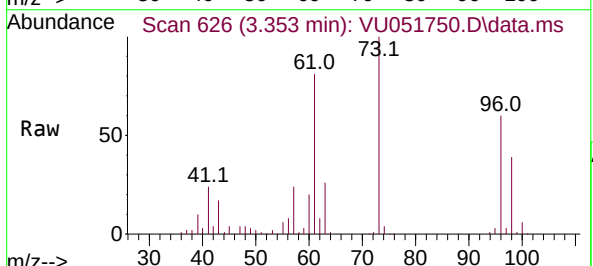


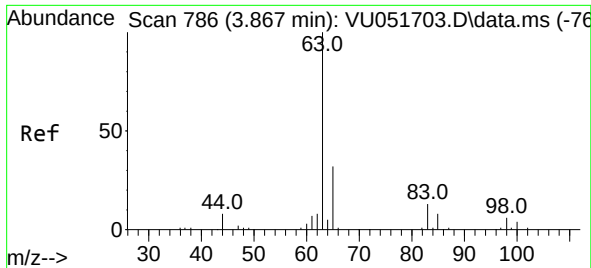
Tgt Ion: 73	Resp: 201985
Ion Ratio	Lower Upper
73 100	
43 16.5	13.6 20.4
57 22.8	17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 5.019 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion: 96	Resp: 93674
Ion Ratio	Lower Upper
96 100	
61 135.5	94.7 175.9
98 65.4	44.2 82.0

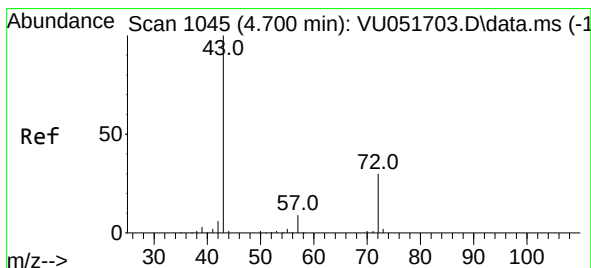
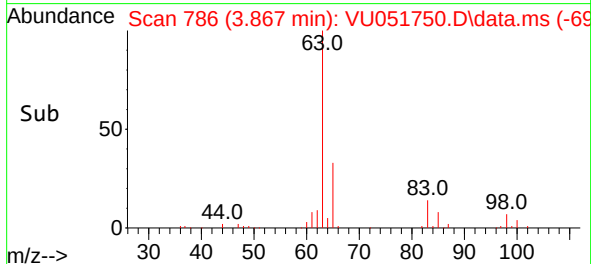
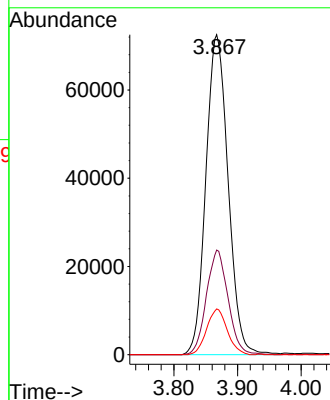
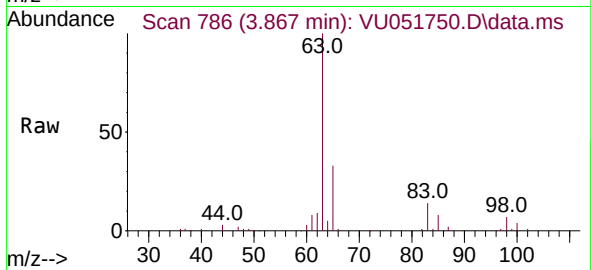




#19
1,1-Dichloroethane
Concen: 5.114 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

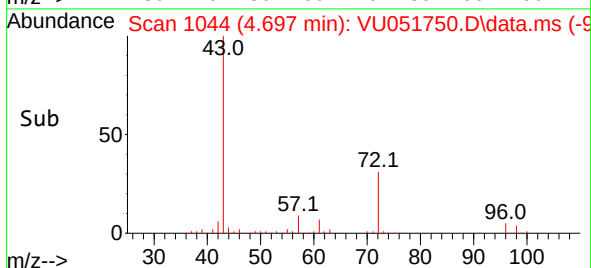
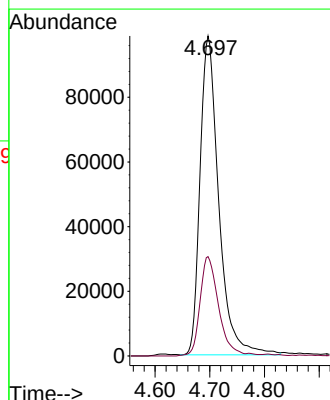
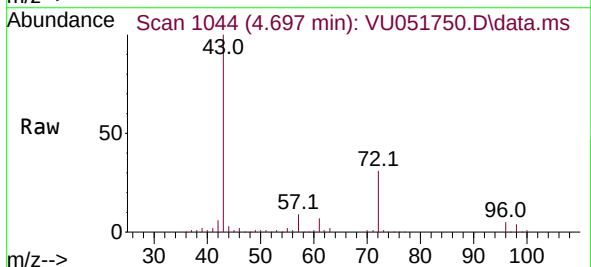
Instrument :
MSVOA_U
ClientSampleId :

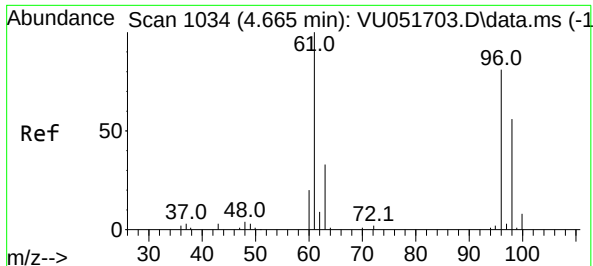
Tgt Ion: 63 Resp: 176063
Ion Ratio Lower Upper
63 100
65 32.7 22.7 42.1
83 14.3 9.2 17.0



#21
2-Butanone
Concen: 54.036 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.003 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion: 43 Resp: 234273
Ion Ratio Lower Upper
43 100
72 30.6 16.2 48.5

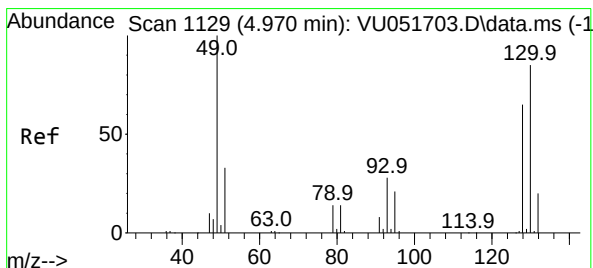
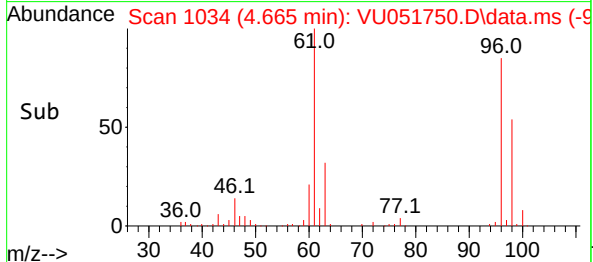
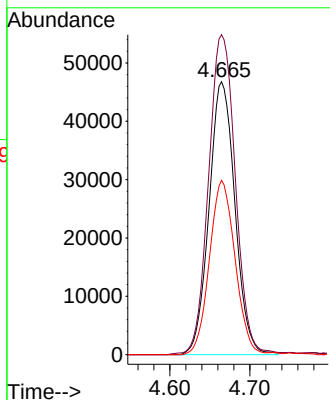
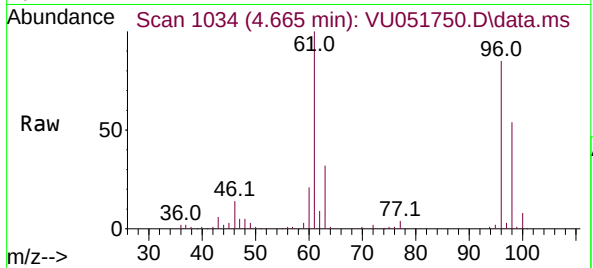




#22
 cis-1,2-Dichloroethene
 Concen: 5.097 ug/L
 RT: 4.665 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051750.D
 Acq: 04 Nov 2022 10:15

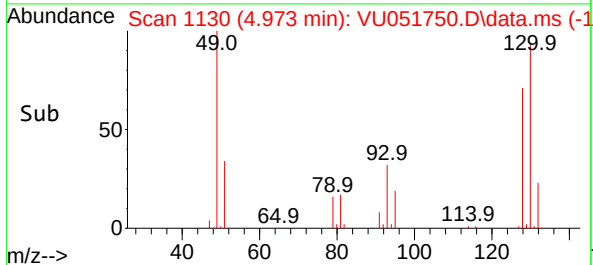
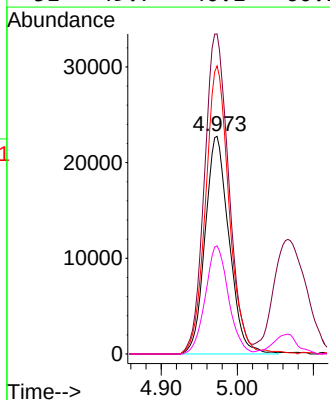
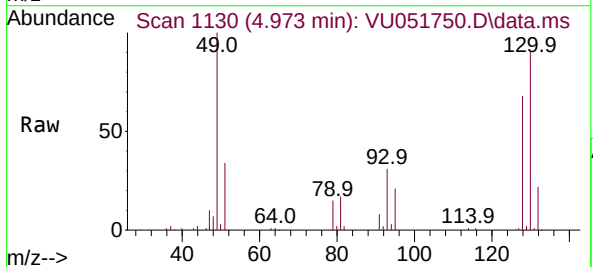
Instrument :
 MSVOA_U
 ClientSampleId :

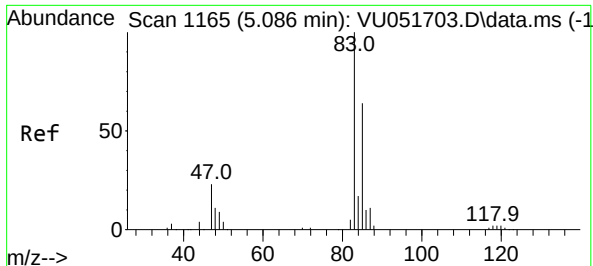
Tgt Ion: 96 Resp: 105271
 Ion Ratio Lower Upper
 96 100
 61 117.2 86.4 160.4
 98 63.9 44.2 82.2



#23
 Bromochloromethane
 Concen: 5.143 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051750.D
 Acq: 04 Nov 2022 10:15

Tgt Ion: 128 Resp: 49666
 Ion Ratio Lower Upper
 128 100
 49 147.0 105.5 195.9
 130 132.3 93.5 173.7
 51 49.7 40.1 60.1





#25

Chloroform

Concen: 5.087 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

Instrument :

MSVOA_U

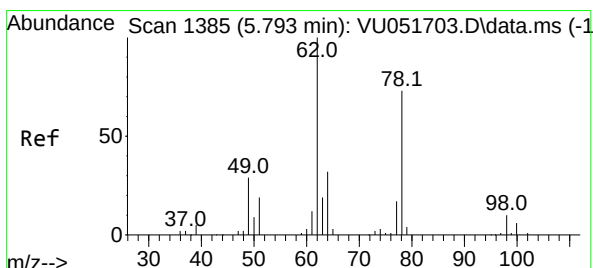
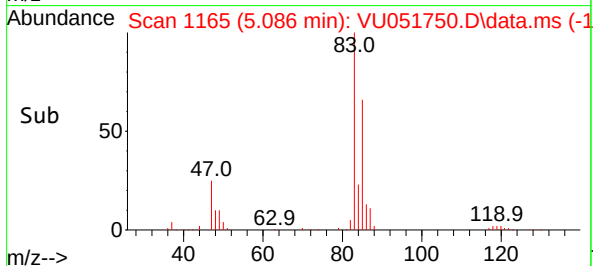
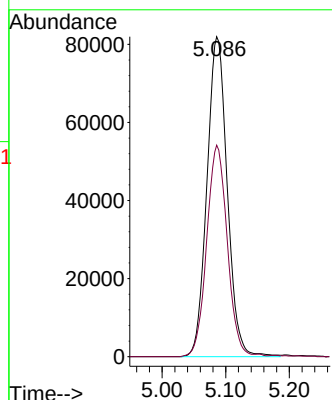
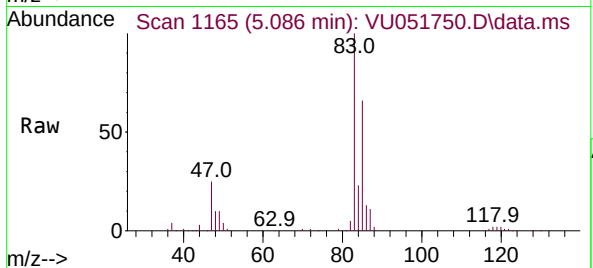
ClientSampleId :

Tgt Ion: 83 Resp: 181655

Ion Ratio Lower Upper

83 100

85 66.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.010 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051750.D

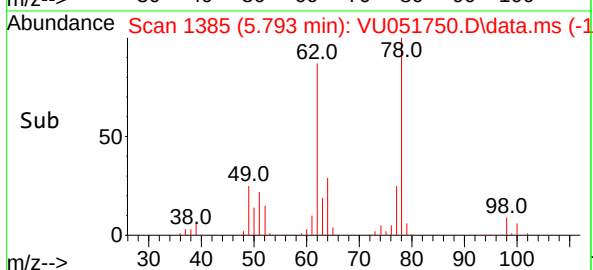
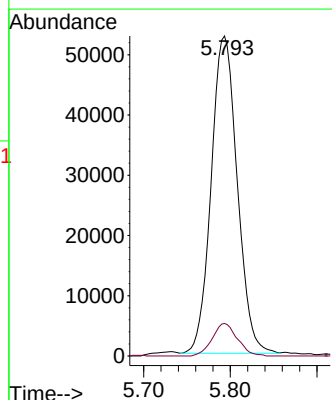
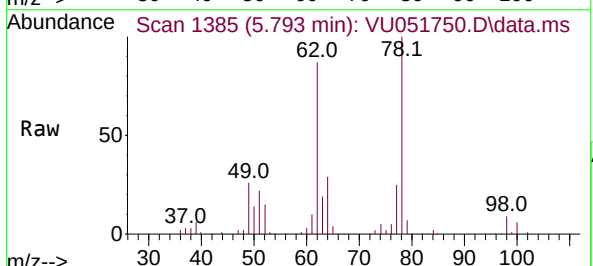
Acq: 04 Nov 2022 10:15

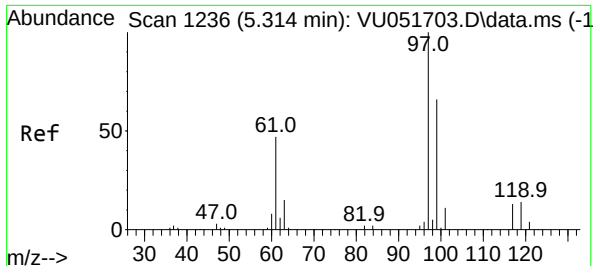
Tgt Ion: 62 Resp: 110101

Ion Ratio Lower Upper

62 100

98 10.1 7.4 11.0

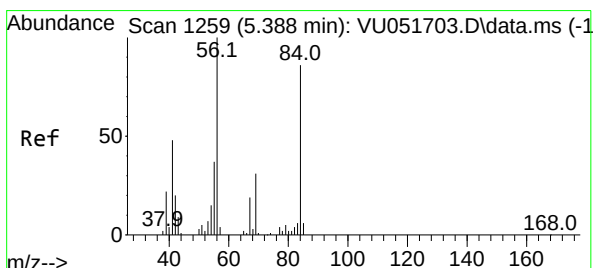
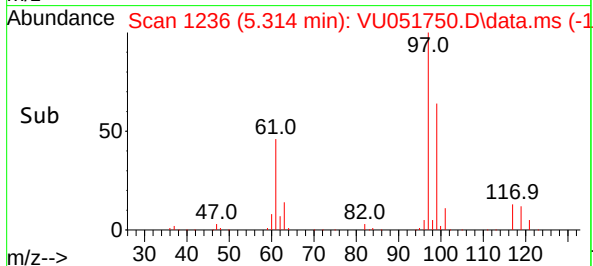
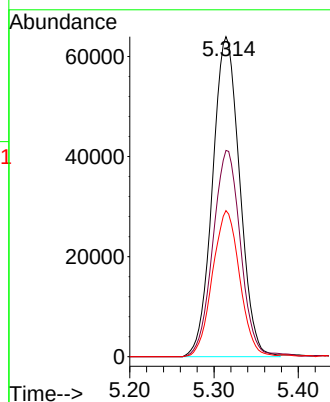
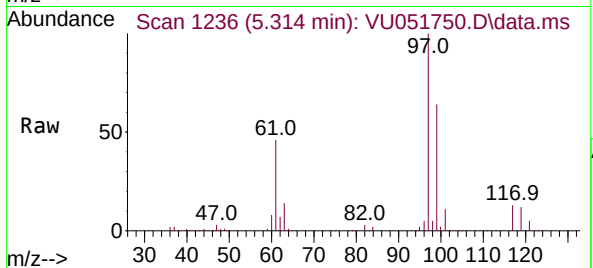




#29
1,1,1-Trichloroethane
Concen: 4.996 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

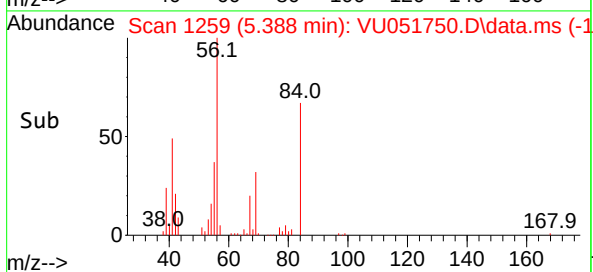
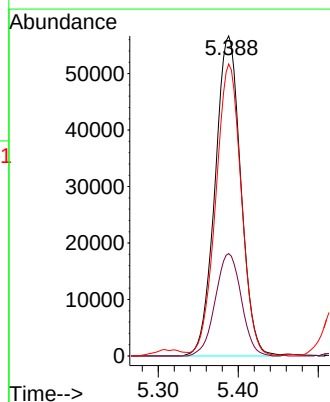
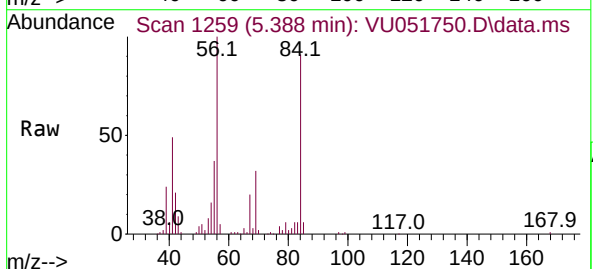
Instrument :
MSVOA_U
ClientSampleId :

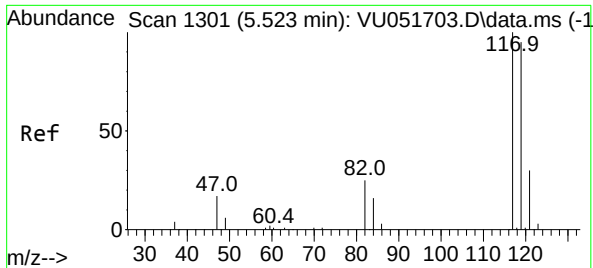
Tgt Ion: 97 Resp: 143094
Ion Ratio Lower Upper
97 100
99 66.0 51.1 76.7
61 45.8 37.4 56.0



#30
Cyclohexane
Concen: 4.794 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion: 56 Resp: 126427
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.0
84 90.0 71.4 107.0

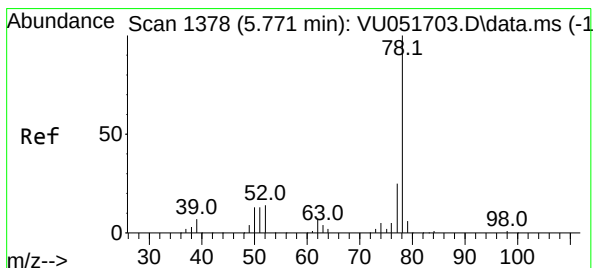
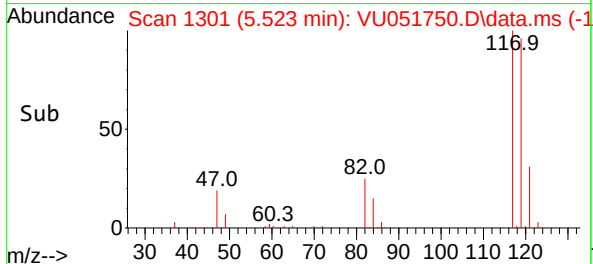
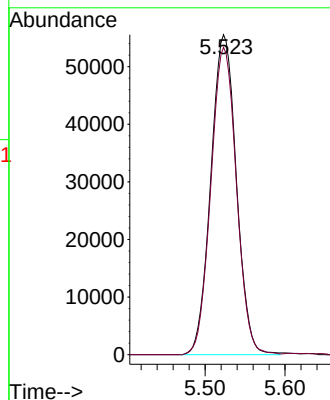
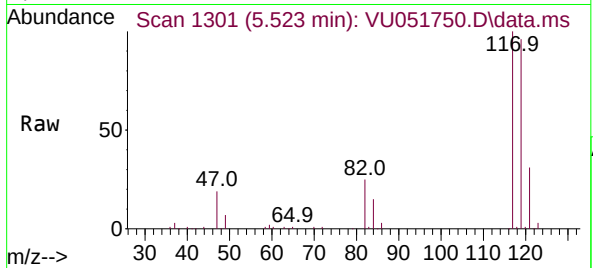




#31
Carbon tetrachloride
Concen: 5.034 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

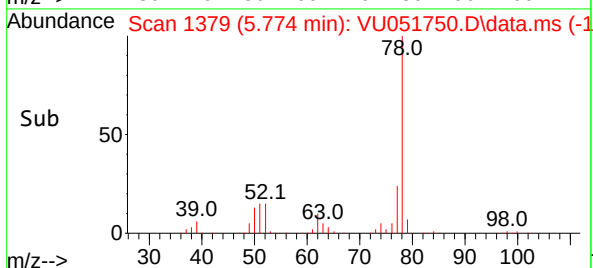
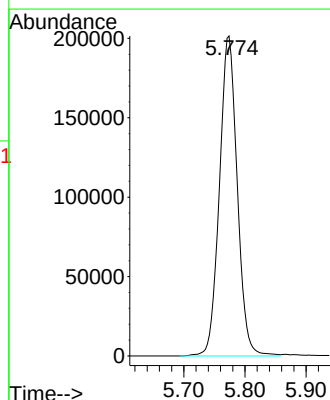
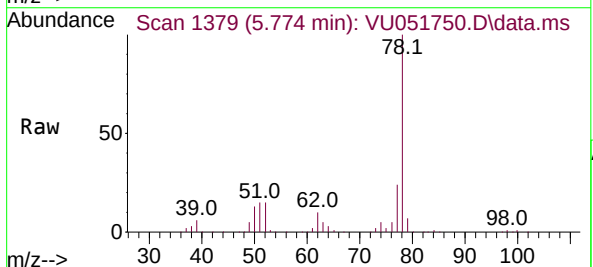
Instrument :
MSVOA_U
ClientSampleId :

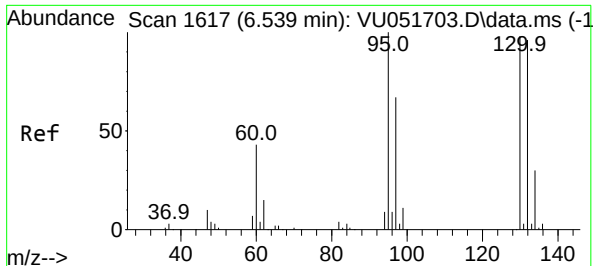
Tgt Ion:117 Resp: 123310
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 4.897 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion: 78 Resp: 407632

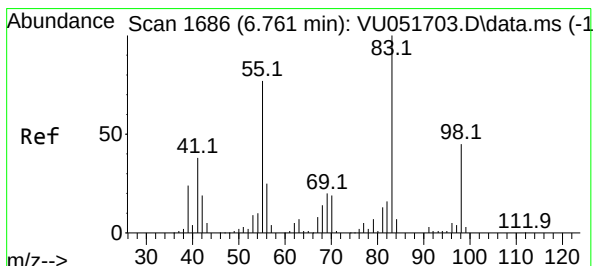
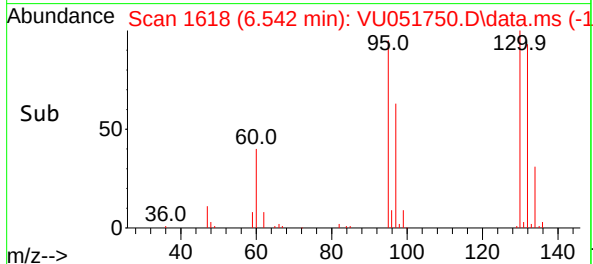
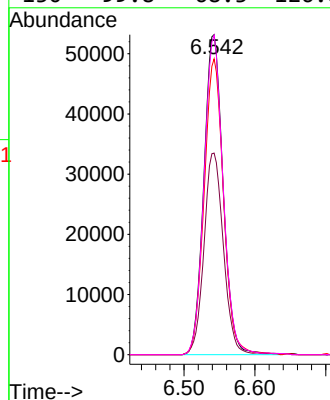
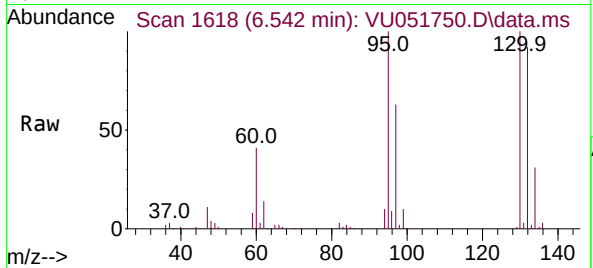




#34
Trichloroethene
Concen: 4.990 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

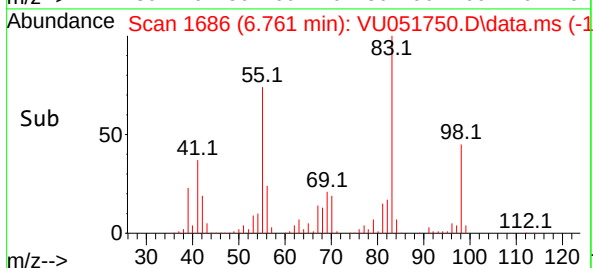
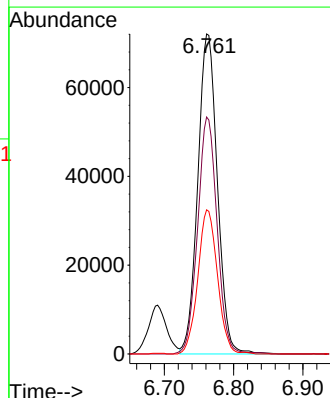
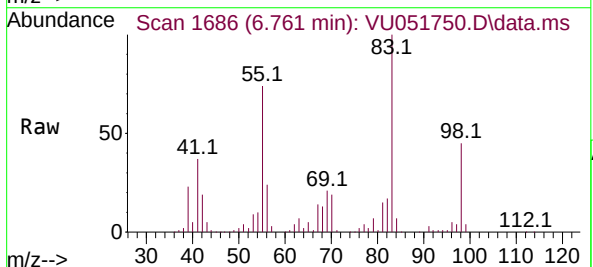
Instrument :
MSVOA_U
ClientSampleId :

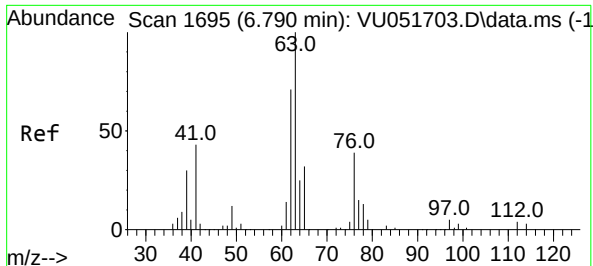
Tgt Ion: 95 Resp: 100239
Ion Ratio Lower Upper
95 100
97 63.0 45.2 84.0
132 92.4 66.5 123.5
130 99.8 68.3 126.8



#35
Methylcyclohexane
Concen: 5.114 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion: 83 Resp: 142048
Ion Ratio Lower Upper
83 100
55 73.5 60.6 90.8
98 44.8 35.8 53.6





#37

1,2-Dichloropropane

Concen: 4.995 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

Instrument :

MSVOA_U

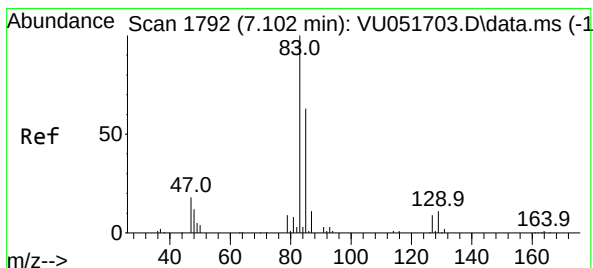
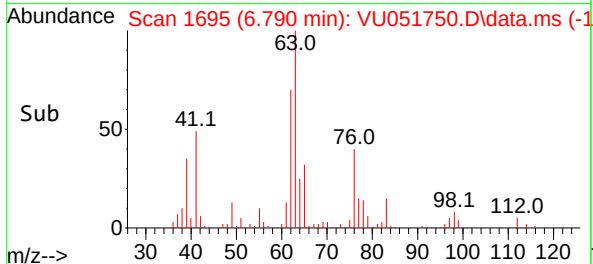
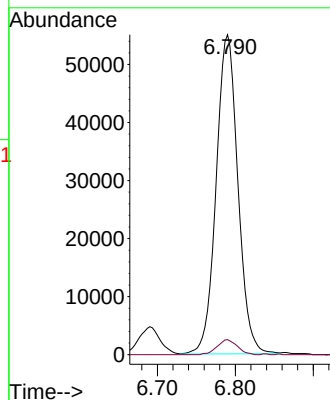
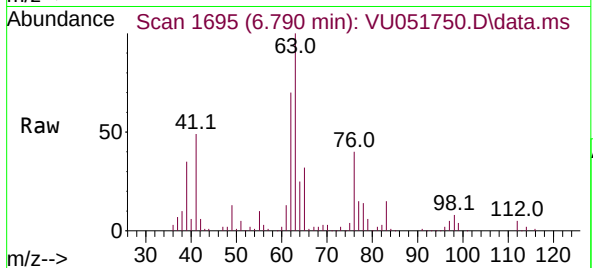
ClientSampleId :

Tgt Ion: 63 Resp: 106945

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 5.105 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

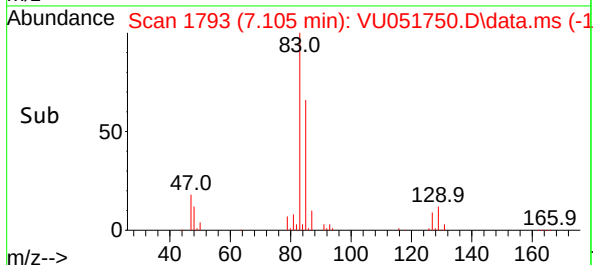
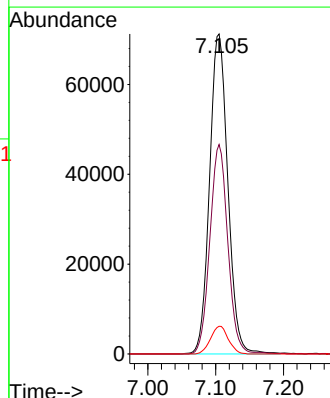
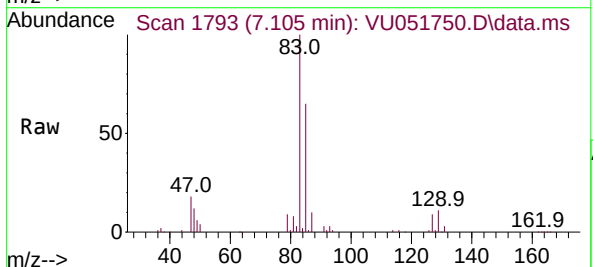
Tgt Ion: 83 Resp: 133493

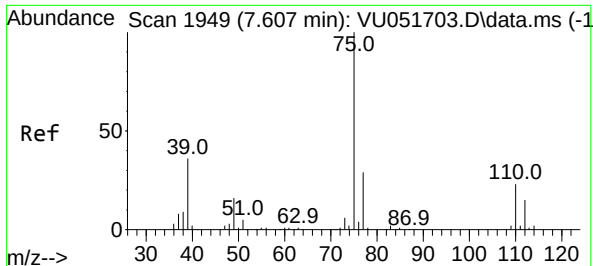
Ion Ratio Lower Upper

83 100

85 65.4 45.1 83.7

127 8.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.980 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

Instrument :

MSVOA_U

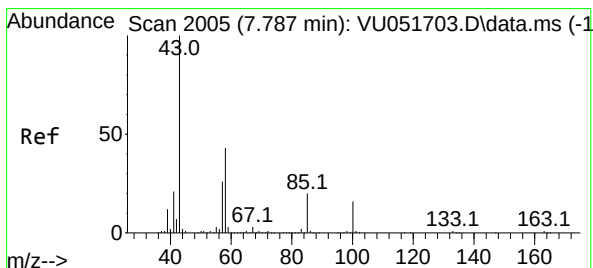
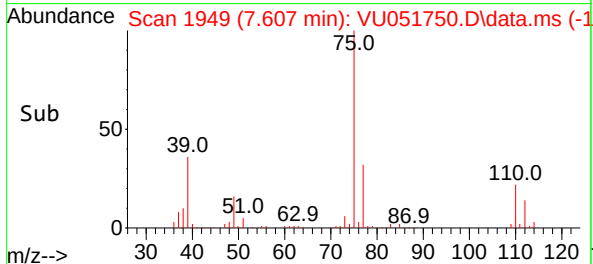
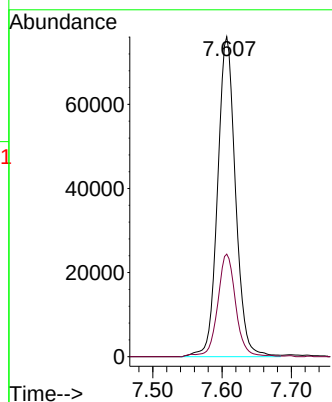
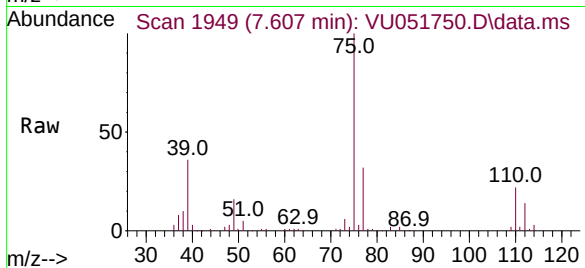
ClientSampleId :

Tgt Ion: 75 Resp: 136788

Ion Ratio Lower Upper

75 100

77 32.0 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.460 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

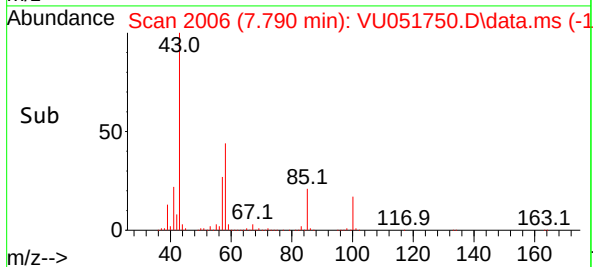
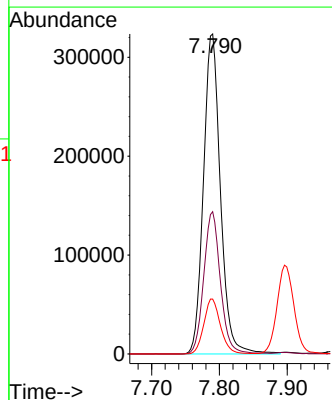
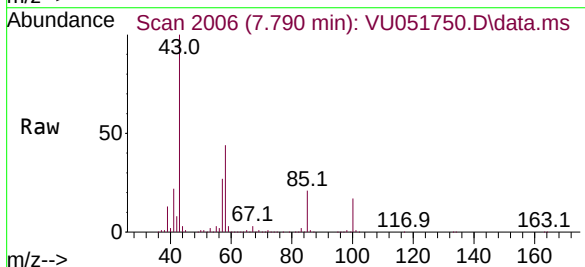
Tgt Ion: 43 Resp: 563344

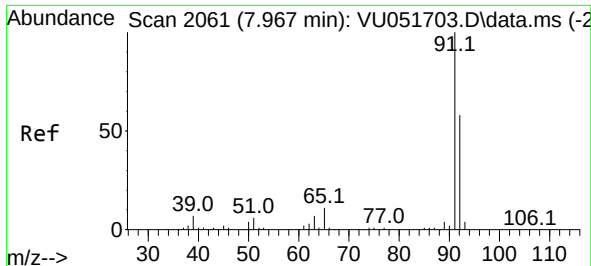
Ion Ratio Lower Upper

43 100

58 43.7 35.0 52.6

100 16.9 13.4 20.0





#42

Toluene

Concen: 5.216 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.003 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

Instrument :

MSVOA_U

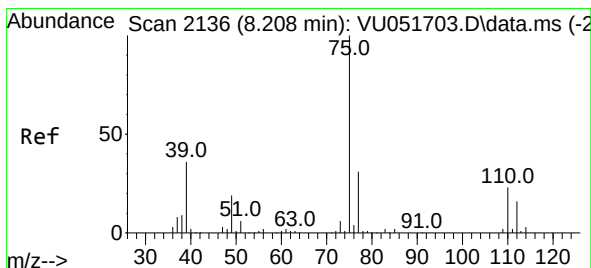
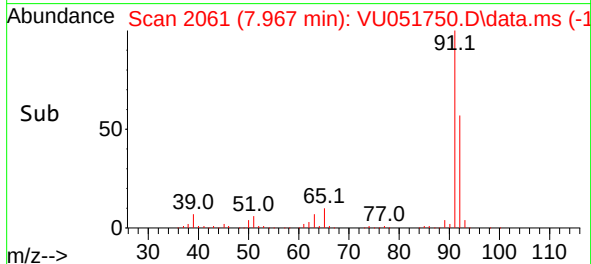
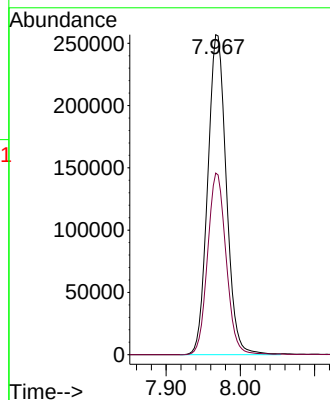
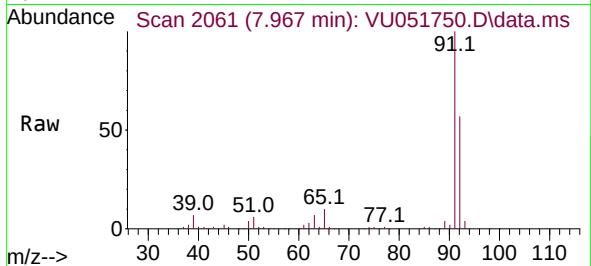
ClientSampleId :

Tgt Ion: 91 Resp: 445899

Ion Ratio Lower Upper

91 100

92 56.8 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.180 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051750.D

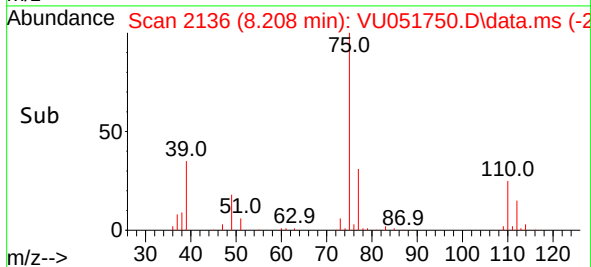
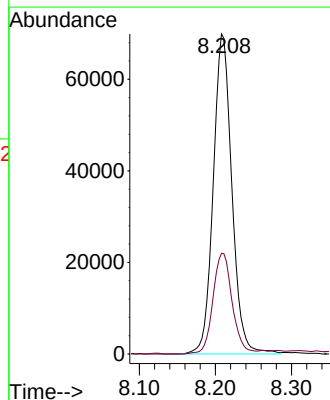
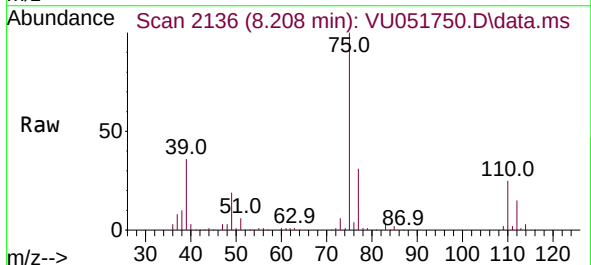
Acq: 04 Nov 2022 10:15

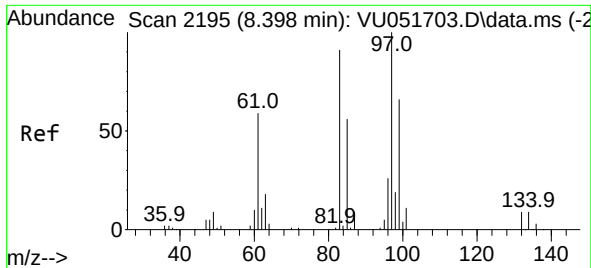
Tgt Ion: 75 Resp: 118896

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6

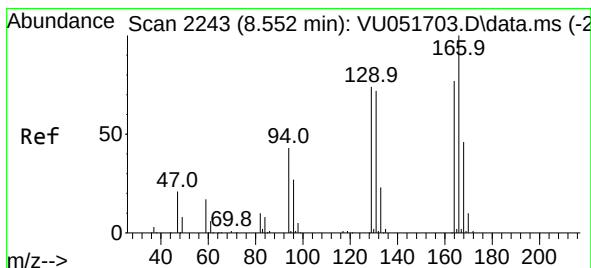
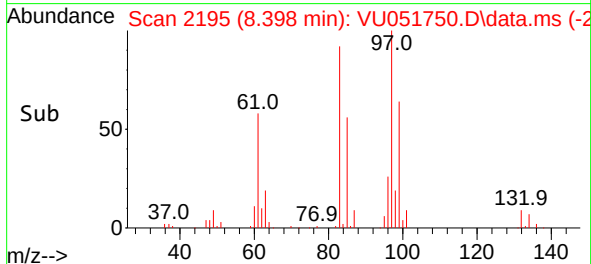
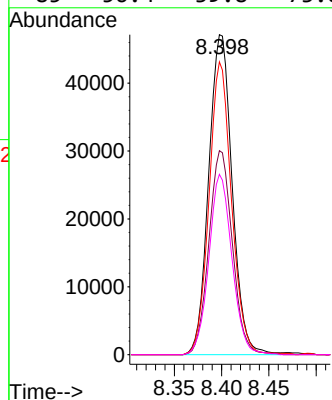
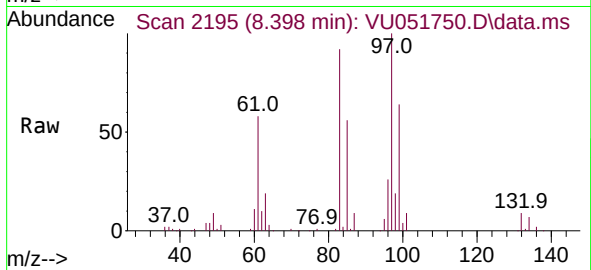




#45
1,1,2-Trichloroethane
Concen: 5.188 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

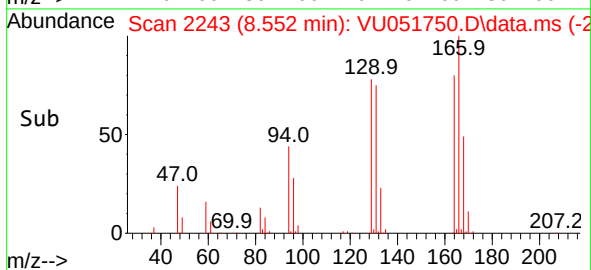
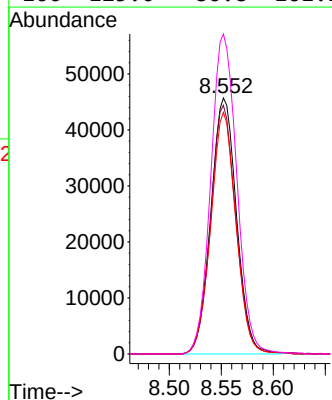
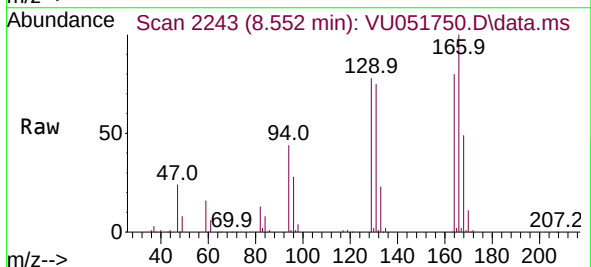
Instrument :
MSVOA_U
ClientSampleId :

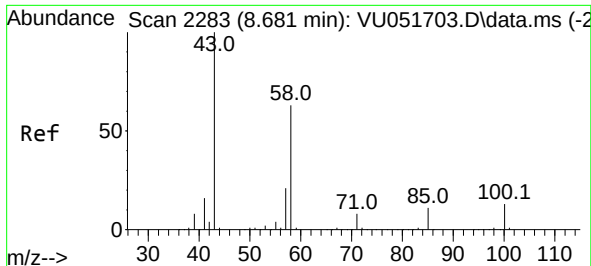
Tgt Ion:	97	Resp:	81401
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.4	80.6
83	91.5	61.3	113.9
85	56.4	39.8	73.8



#47
Tetrachloroethene
Concen: 5.116 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

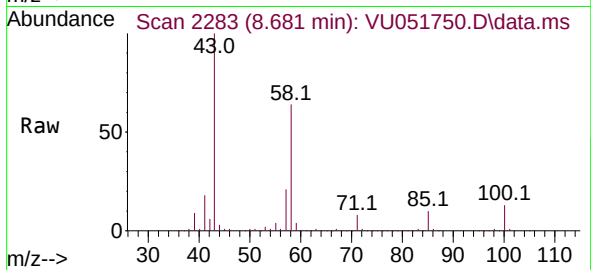
Tgt Ion:	164	Resp:	78713
Ion	Ratio	Lower	Upper
164	100		
129	97.1	64.0	118.8
131	94.3	60.7	112.7
166	125.0	86.8	161.2



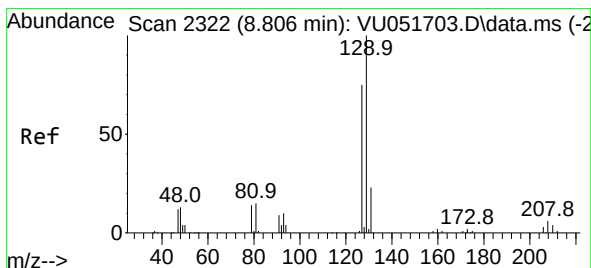
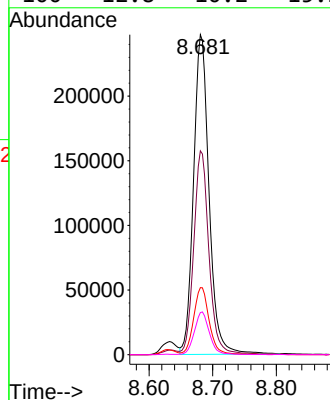
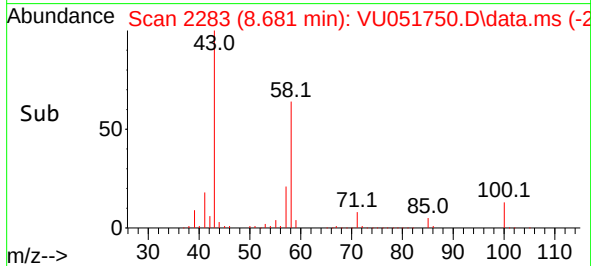


#48
2-Hexanone
Concen: 52.682 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Instrument :
MSVOA_U
ClientSampleId :

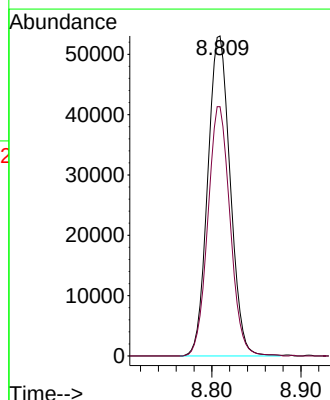
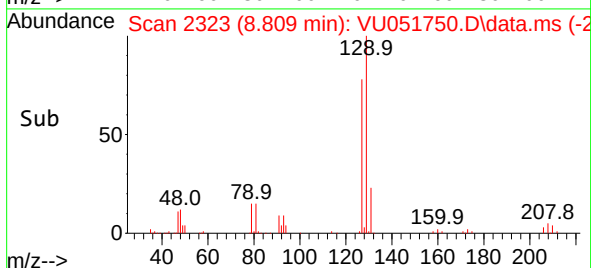
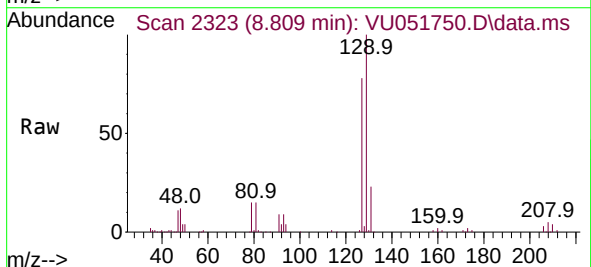


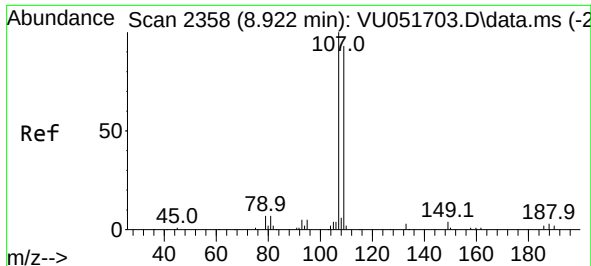
Tgt Ion: 43 Resp: 418756
Ion Ratio Lower Upper
43 100
58 62.0 48.2 72.2
57 21.0 16.6 25.0
100 12.8 10.2 15.2



#49
Dibromochloromethane
Concen: 5.175 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

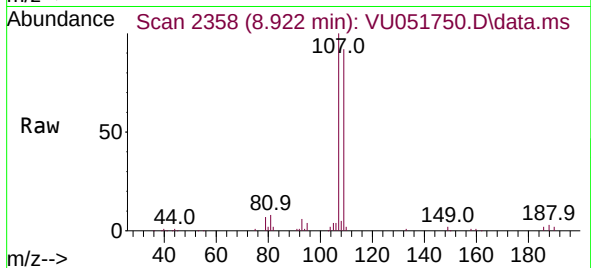
Tgt Ion: 129 Resp: 92755
Ion Ratio Lower Upper
129 100
127 77.9 54.8 101.8



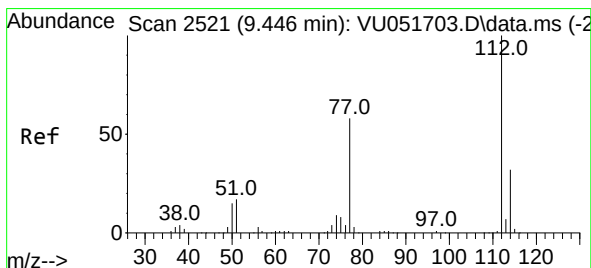
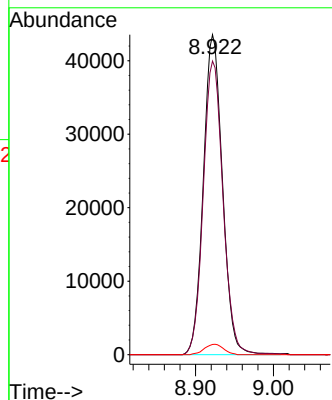
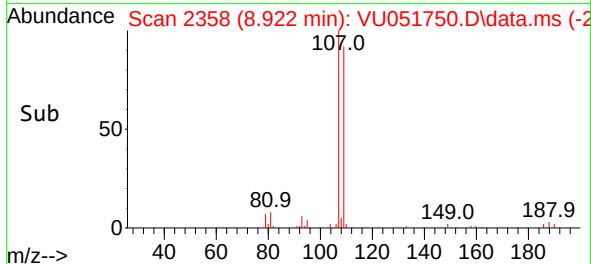


#50
1,2-Dibromoethane
Concen: 5.249 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Instrument :
MSVOA_U
ClientSampleId :

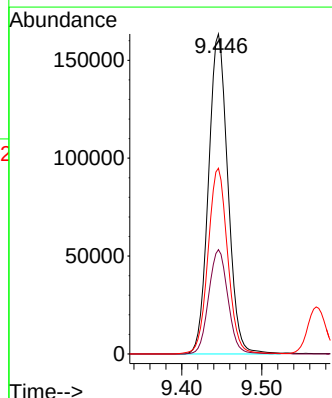
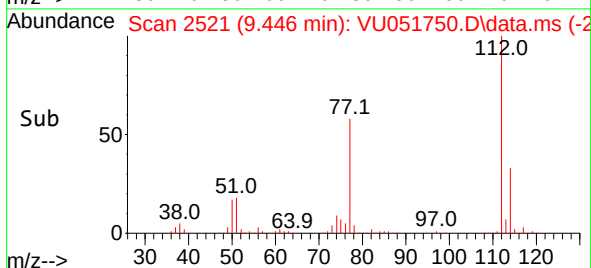
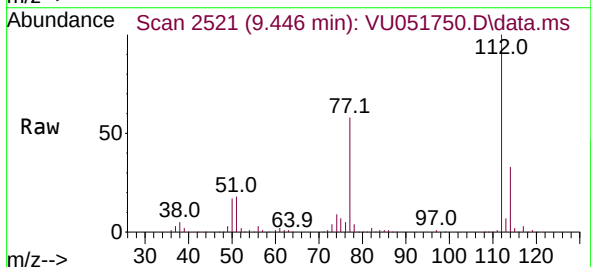


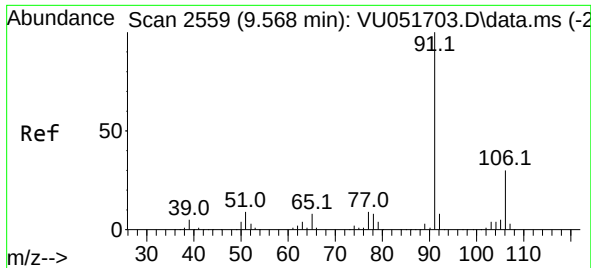
Tgt Ion:107 Resp: 74299
Ion Ratio Lower Upper
107 100
109 91.8 63.0 117.0
188 3.2 3.0 4.4



#51
Chlorobenzene
Concen: 5.105 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion:112 Resp: 274662
Ion Ratio Lower Upper
112 100
114 32.6 22.0 40.8
77 58.1 46.7 70.1

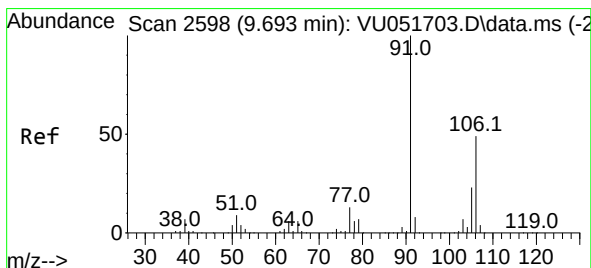
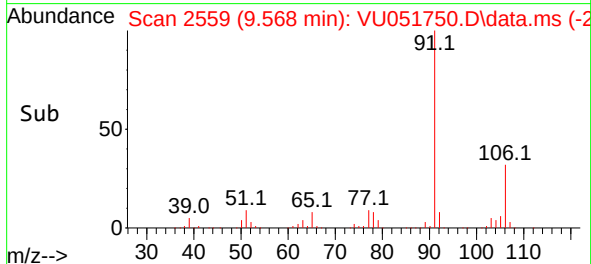
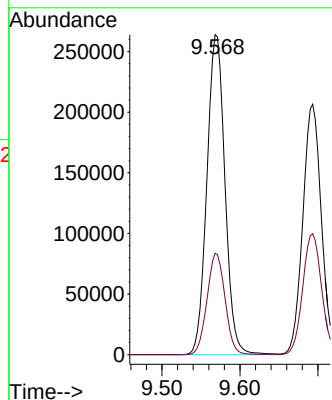
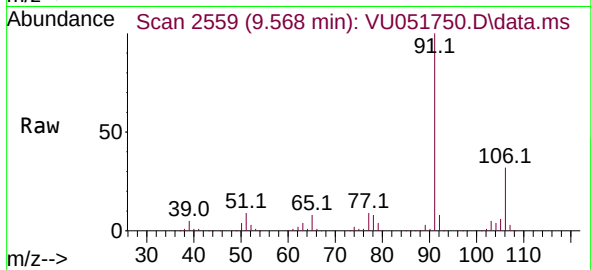




#52
Ethylbenzene
Concen: 5.162 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

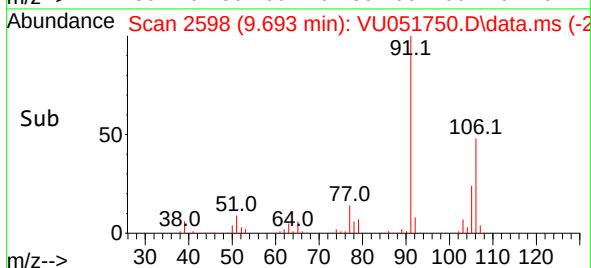
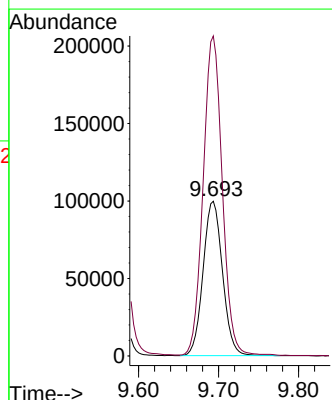
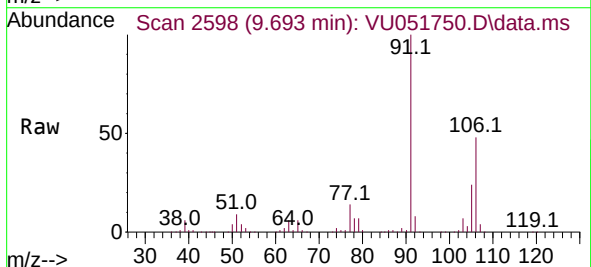
Instrument :
MSVOA_U
ClientSampleId :

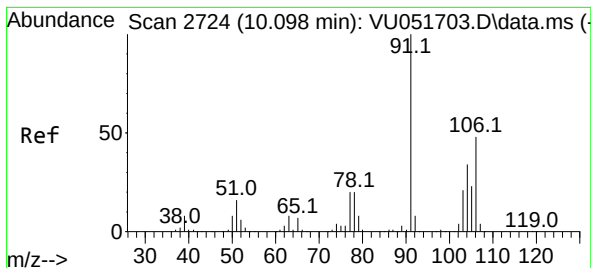
Tgt Ion: 91 Resp: 425816
Ion Ratio Lower Upper
91 100
106 31.7 21.8 40.6



#53
m,p-Xylene
Concen: 5.266 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion: 106 Resp: 168718
Ion Ratio Lower Upper
106 100
91 206.9 139.4 259.0





#54

o-Xylene

Concen: 5.271 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

Instrument :

MSVOA_U

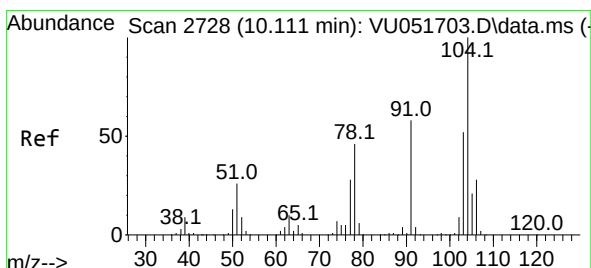
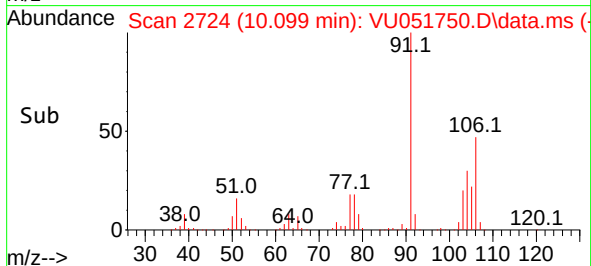
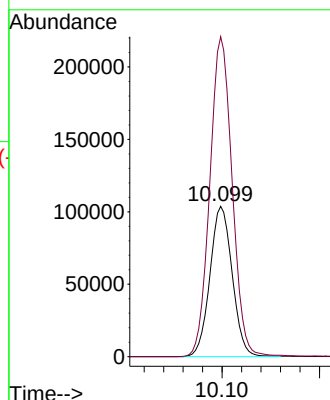
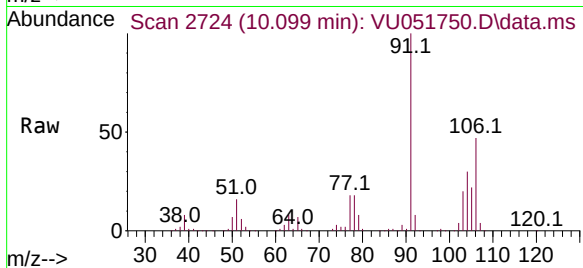
ClientSampleId :

Tgt Ion:106 Resp: 165045

Ion Ratio Lower Upper

106 100

91 212.8 149.2 277.2



#55

Styrene

Concen: 5.530 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU051750.D

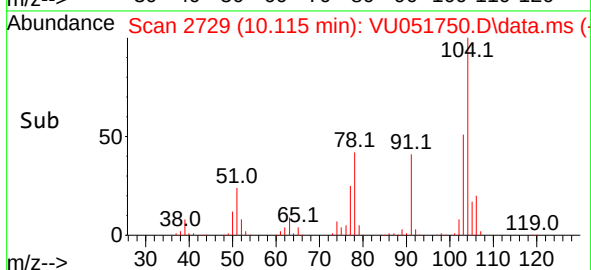
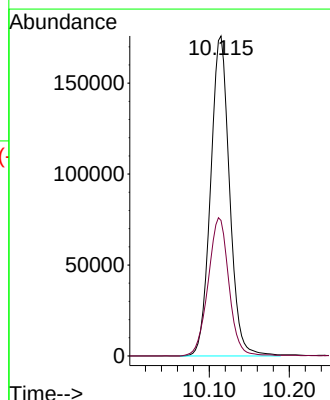
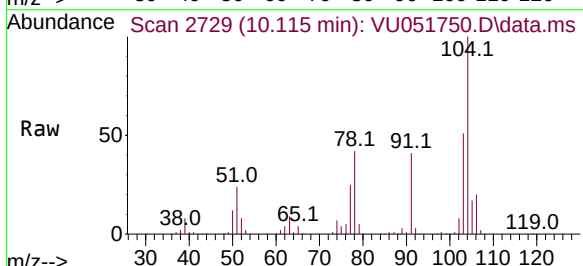
Acq: 04 Nov 2022 10:15

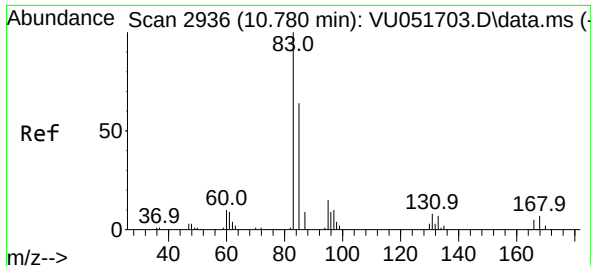
Tgt Ion:104 Resp: 289469

Ion Ratio Lower Upper

104 100

78 42.3 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.223 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

Instrument :

MSVOA_U

ClientSampleId :

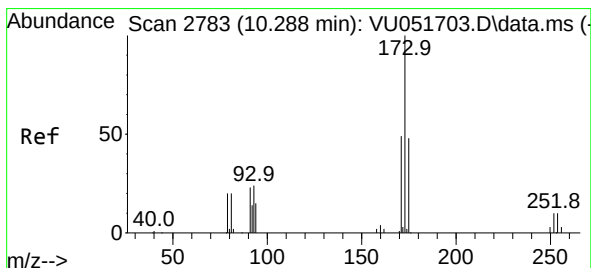
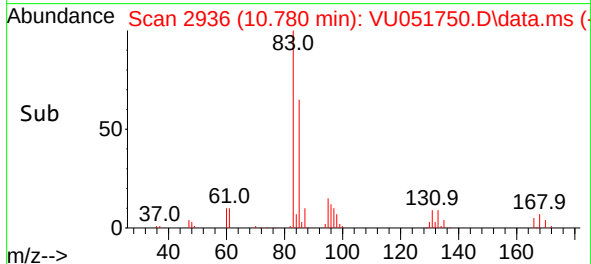
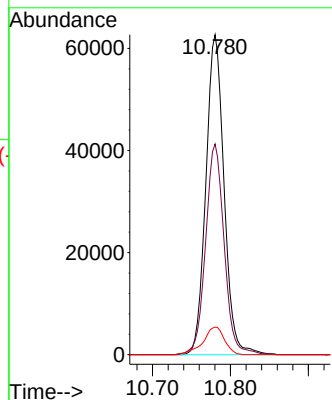
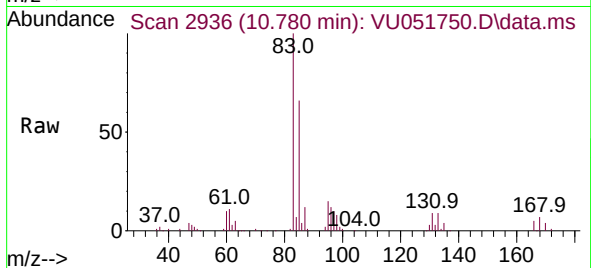
Tgt Ion: 83 Resp: 101607

Ion Ratio Lower Upper

83 100

85 65.8 44.9 83.5

131 8.6 7.8 11.8



#59

Bromoform

Concen: 4.771 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

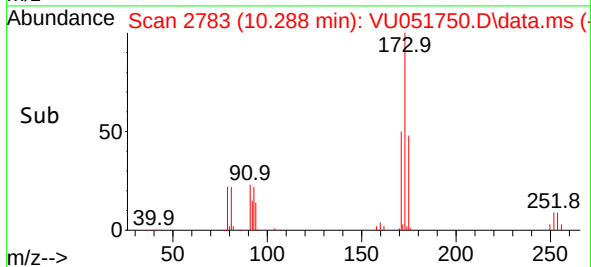
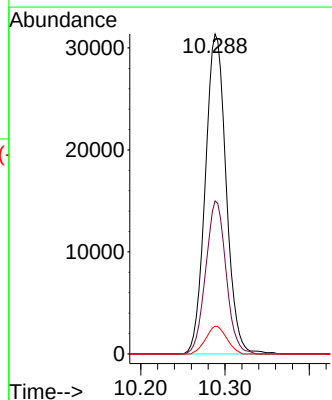
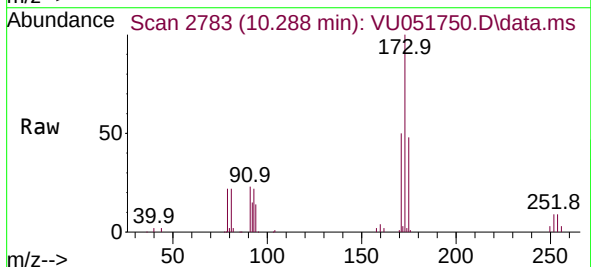
Tgt Ion:173 Resp: 53901

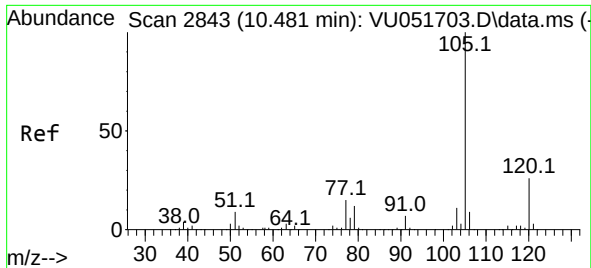
Ion Ratio Lower Upper

173 100

175 46.7 38.7 58.1

254 8.7 7.3 10.9

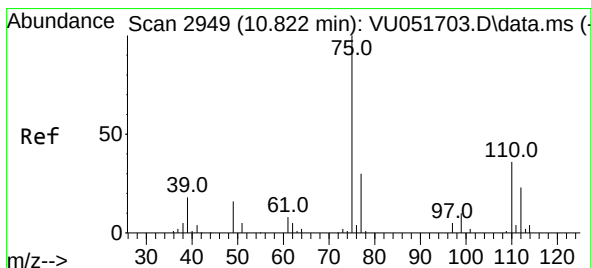
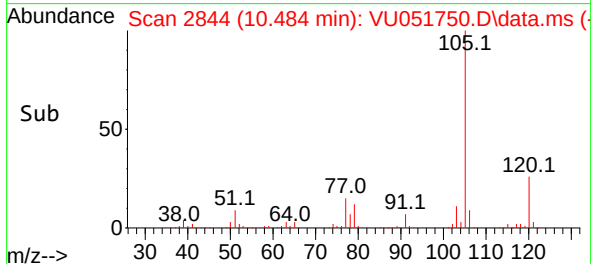
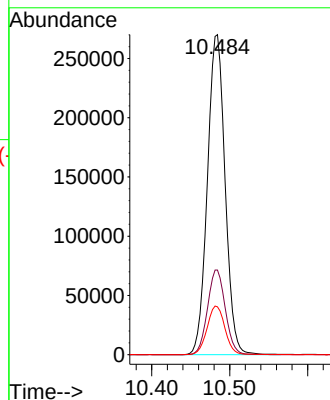
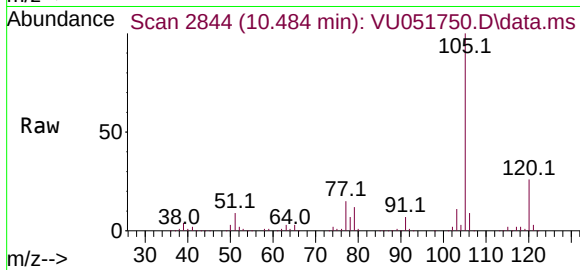




#60
Isopropylbenzene
Concen: 4.774 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

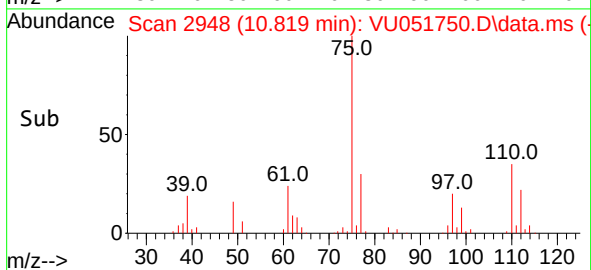
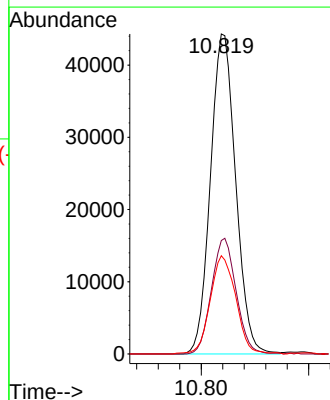
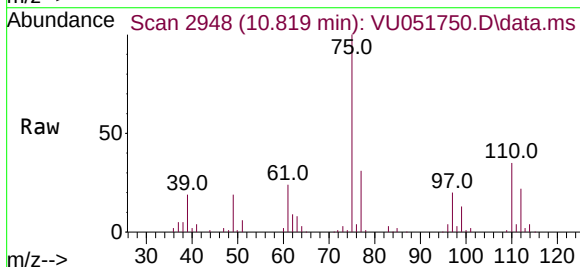
Instrument :
MSVOA_U
ClientSampleId :

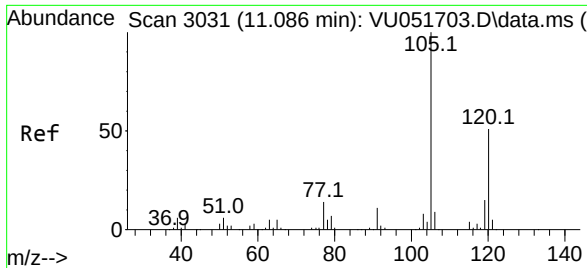
Tgt Ion:105 Resp: 426162
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.567 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion: 75 Resp: 72211
Ion Ratio Lower Upper
75 100
110 35.3 28.7 43.1
77 31.2 26.1 39.1

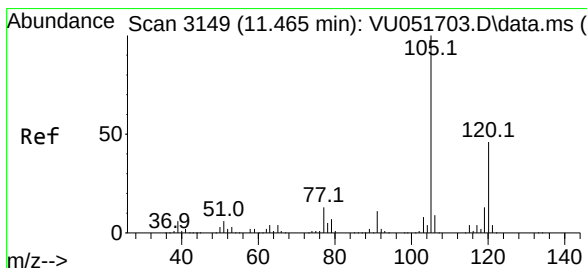
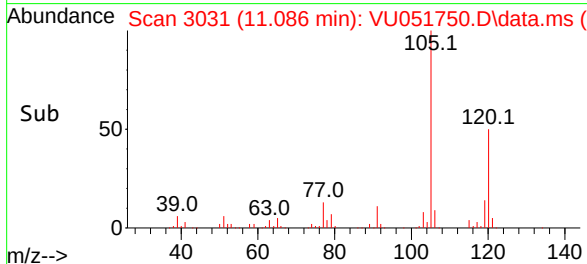
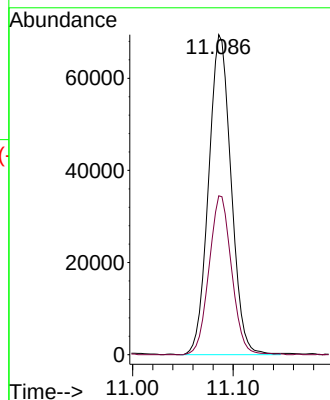
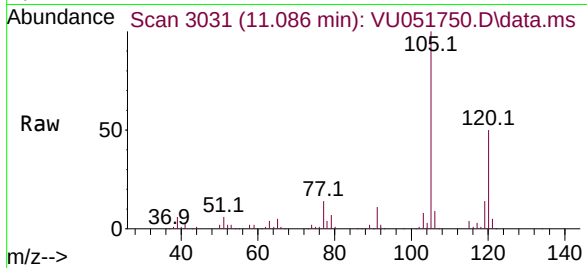




#62
 1,3,5-Trimethylbenzene
 Concen: 4.496 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051750.D
 Acq: 04 Nov 2022 10:15

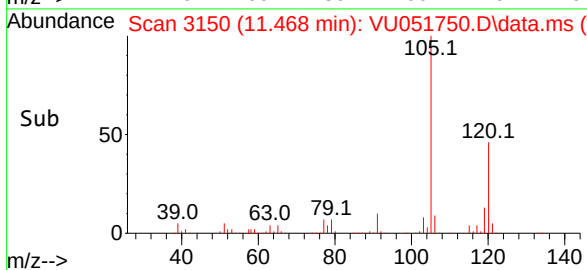
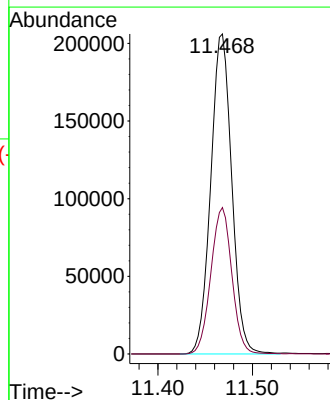
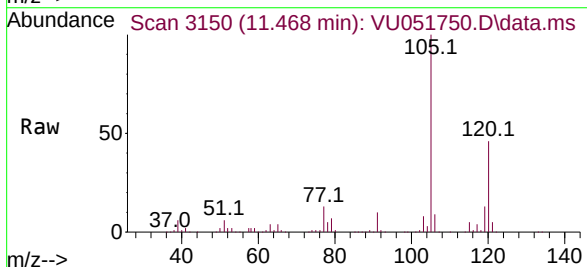
Instrument :
 MSVOA_U
 ClientSampleId :

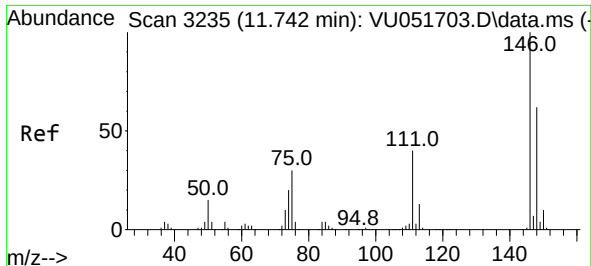
Tgt Ion:105 Resp: 108043
 Ion Ratio Lower Upper
 105 100
 120 49.7 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.587 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU051750.D
 Acq: 04 Nov 2022 10:15

Tgt Ion:105 Resp: 317830
 Ion Ratio Lower Upper
 105 100
 120 45.8 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 4.942 ug/L

RT: 11.745 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

Instrument :

MSVOA_U

ClientSampleId :

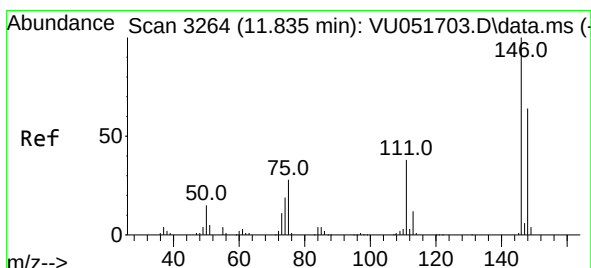
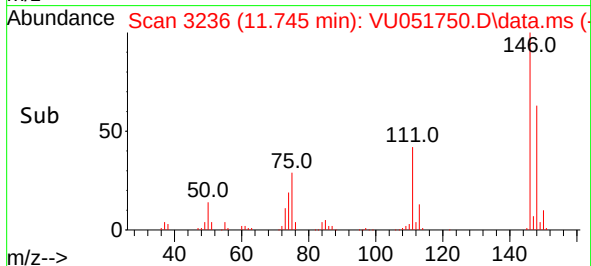
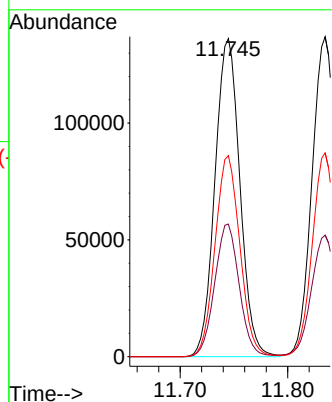
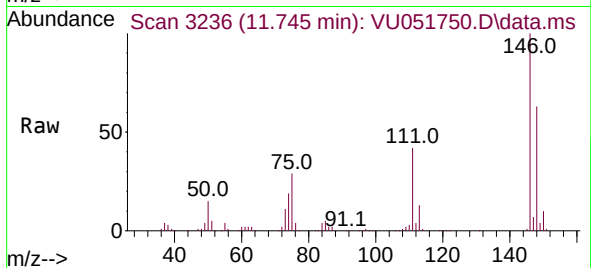
Tgt Ion:146 Resp: 219613

Ion Ratio Lower Upper

146 100

111 41.7 28.6 53.2

148 63.2 44.7 82.9



#65

1,4-Dichlorobenzene

Concen: 4.971 ug/L

RT: 11.835 min Scan# 3264

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

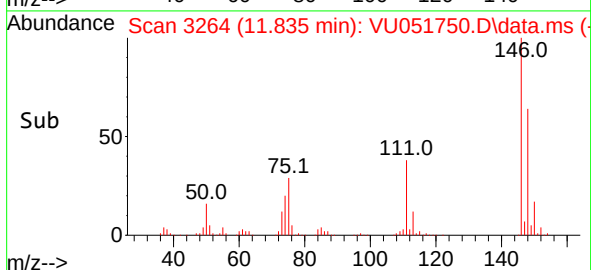
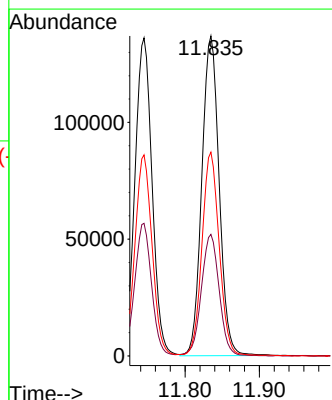
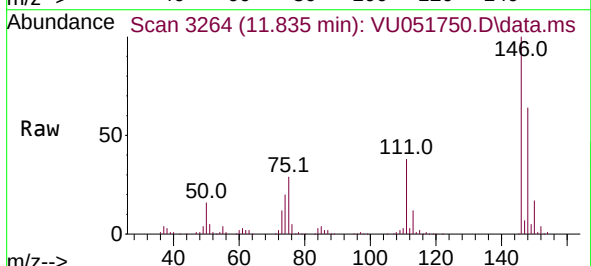
Tgt Ion:146 Resp: 221475

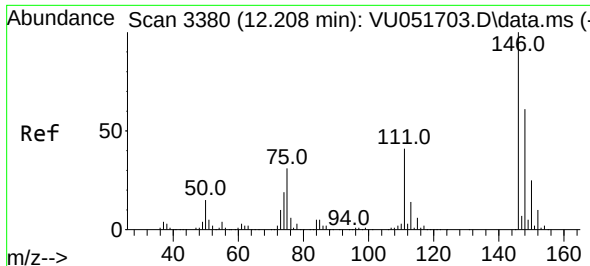
Ion Ratio Lower Upper

146 100

111 38.0 26.7 49.5

148 63.7 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.802 ug/L

RT: 12.211 min Scan# 3380

Delta R.T. 0.000 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

Instrument :

MSVOA_U

ClientSampleId :

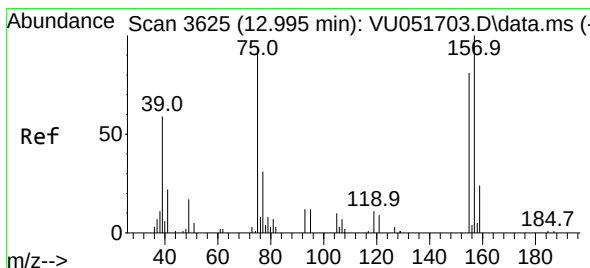
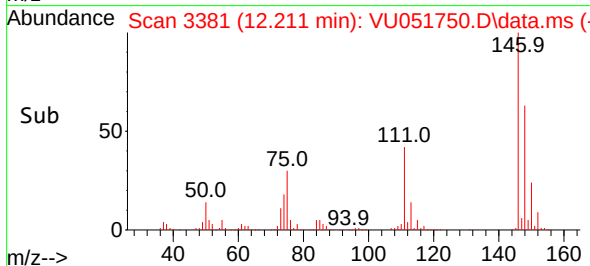
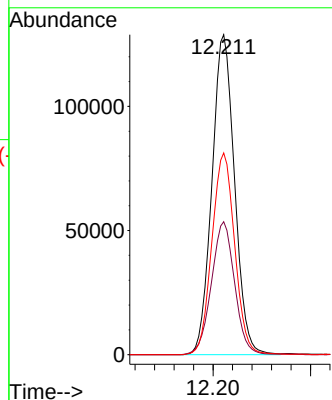
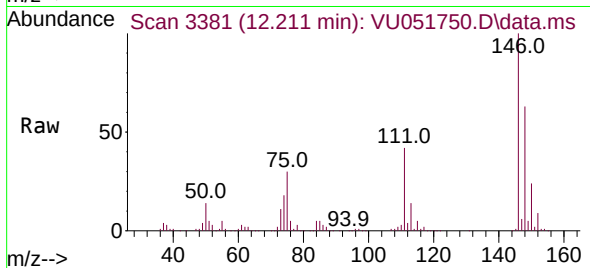
Tgt Ion:146 Resp: 207856

Ion Ratio Lower Upper

146 100

111 41.6 34.2 51.2

148 63.0 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.658 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051750.D

Acq: 04 Nov 2022 10:15

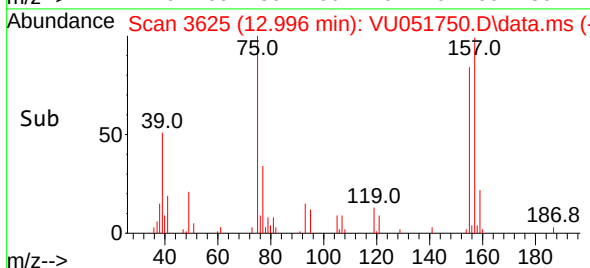
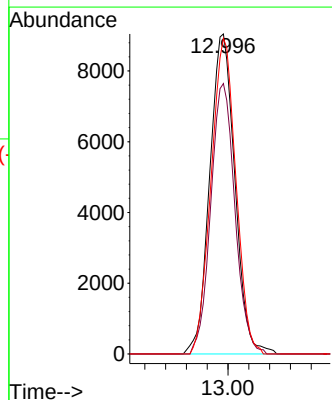
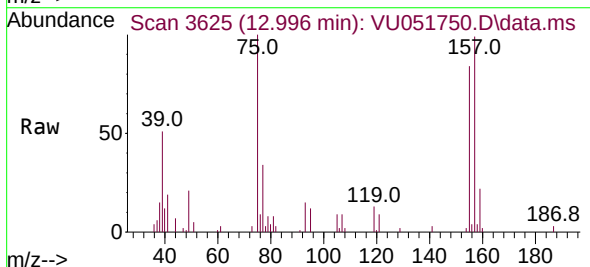
Tgt Ion: 75 Resp: 15166

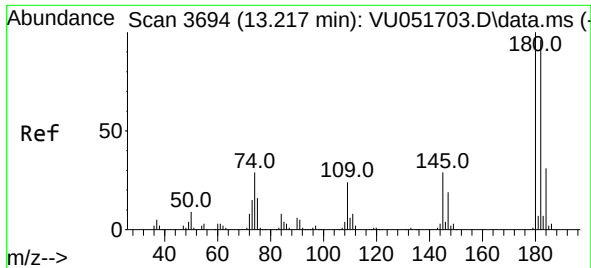
Ion Ratio Lower Upper

75 100

155 84.5 61.4 92.2

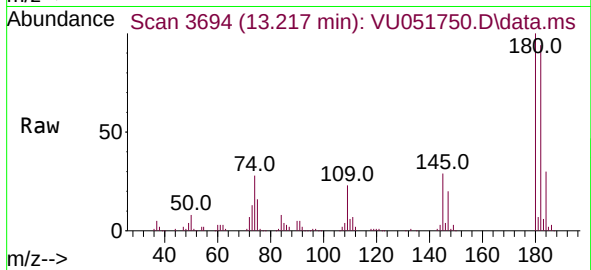
157 98.6 86.7 130.1



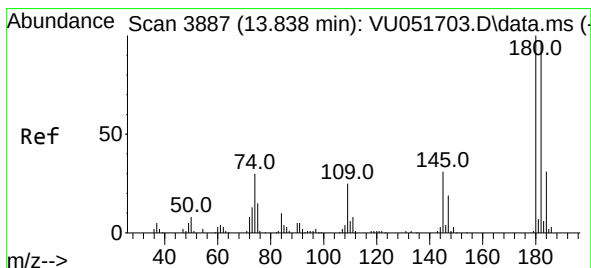
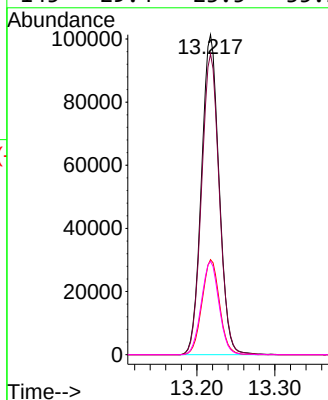
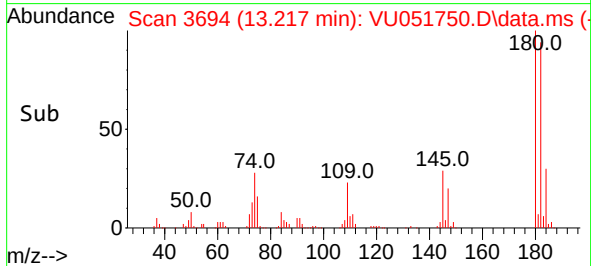


#69
 1,3,5-Trichlorobenzene
 Concen: 5.018 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051750.D
 Acq: 04 Nov 2022 10:15

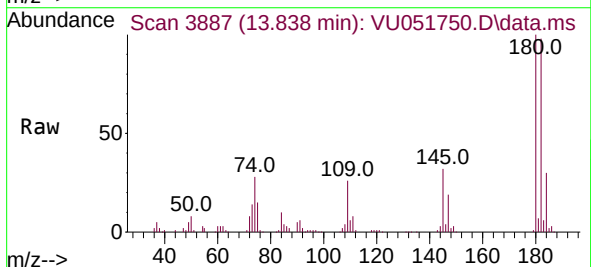
Instrument :
 MSVOA_U
 ClientSampleId :



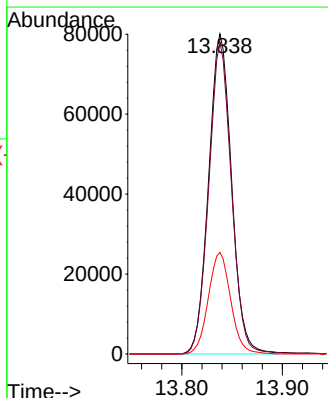
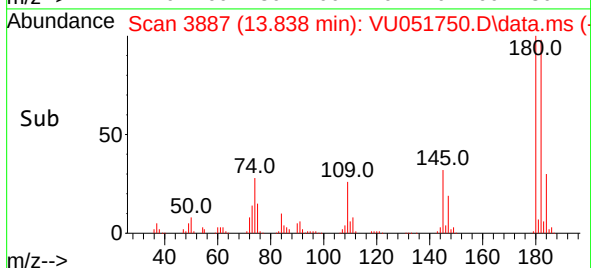
Tgt Ion:180 Resp: 158932
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.0 115.6
 184 29.6 23.7 35.5
 145 29.4 23.5 35.3

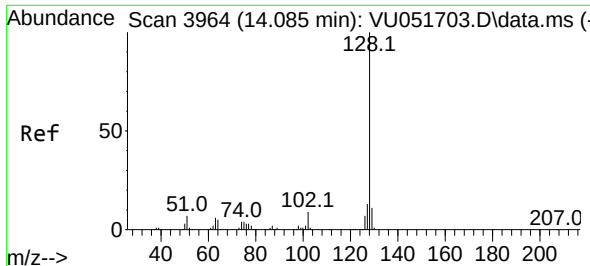


#70
 1,2,4-trichlorobenzene
 Concen: 5.222 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051750.D
 Acq: 04 Nov 2022 10:15



Tgt Ion:180 Resp: 126990
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.8 116.6
 145 31.0 25.0 37.6

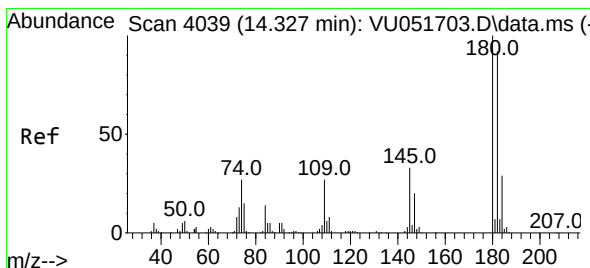
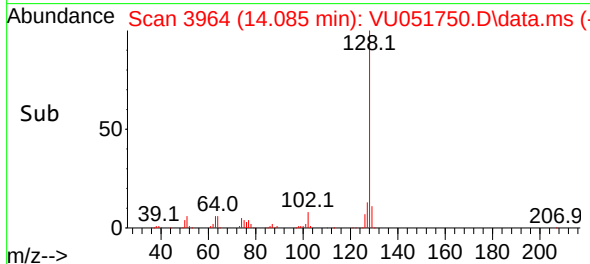
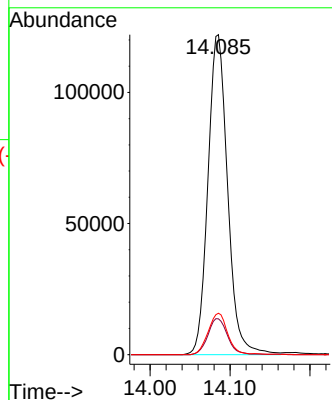
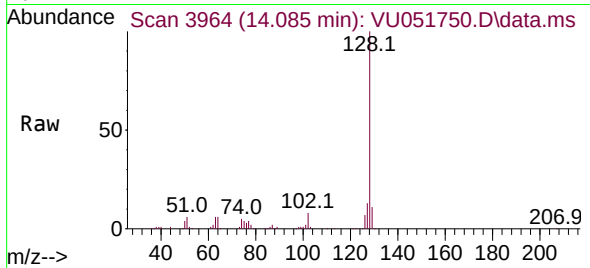




#71
Naphthalene
Concen: 4.600 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 208800
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 12.7 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.054 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051750.D
Acq: 04 Nov 2022 10:15

Tgt Ion:180 Resp: 124103
Ion Ratio Lower Upper
180 100
182 95.6 76.1 114.1
145 32.7 25.6 38.4

