

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110222\
 Data File : VU051721.D
 Acq On : 03 Nov 2022 04:23
 Operator : JC/MD
 Sample : N5301-25MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7MSD

Quant Time: Nov 03 05:45:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 03 03:06:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	178073	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	187846	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	106224	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63951	4.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.909	69	59305	4.240	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.565	65	25119	5.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.200%
20) 2-Butanone-d5	4.620	46	180862	37.237	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.480%
24) Chloroform-d	5.060	84	143833	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.700	65	69119	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.726	84	264930	4.469	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.687	67	89501	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.896	98	241203	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
43) trans-1,3-Dichloroprop...	8.176	79	29022	4.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.629	63	151106	39.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.200%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	81462	4.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	90834	4.659	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	103635	5.322	ug/L	99
3) Chloromethane	1.523	50	116453	4.744	ug/L	99
5) Vinyl chloride	1.604	62	148855	6.330	ug/L #	26
6) Bromomethane	1.855	94	31999	2.870	ug/L	97
8) Chloroethane	1.932	64	76549	5.361	ug/L	87
9) Trichlorofluoromethane	2.137	101	141803	5.493	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	83715	5.516	ug/L	99
12) 1,1-Dichloroethene	2.578	96	89636	5.790	ug/L	97
13) Acetone	2.623	43	141526	57.428	ug/L	99
14) Carbon disulfide	2.790	76	270327	5.417	ug/L	98
15) Methyl Acetate	2.948	43	30675	4.754	ug/L	97
16) Methylene chloride	3.044	84	105640	4.166	ug/L	100
17) Methyl tert-butyl Ether	3.359	73	202347	5.700	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	257212	15.482	ug/L	99
19) 1,1-Dichloroethane	3.867	63	177510	5.793	ug/L	99
21) 2-Butanone	4.697	43	239312	62.009	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	1289710	70.156	ug/L	99
23) Bromochloromethane	4.970	128	48936	5.693	ug/L	97
25) Chloroform	5.086	83	180718	5.685	ug/L	99

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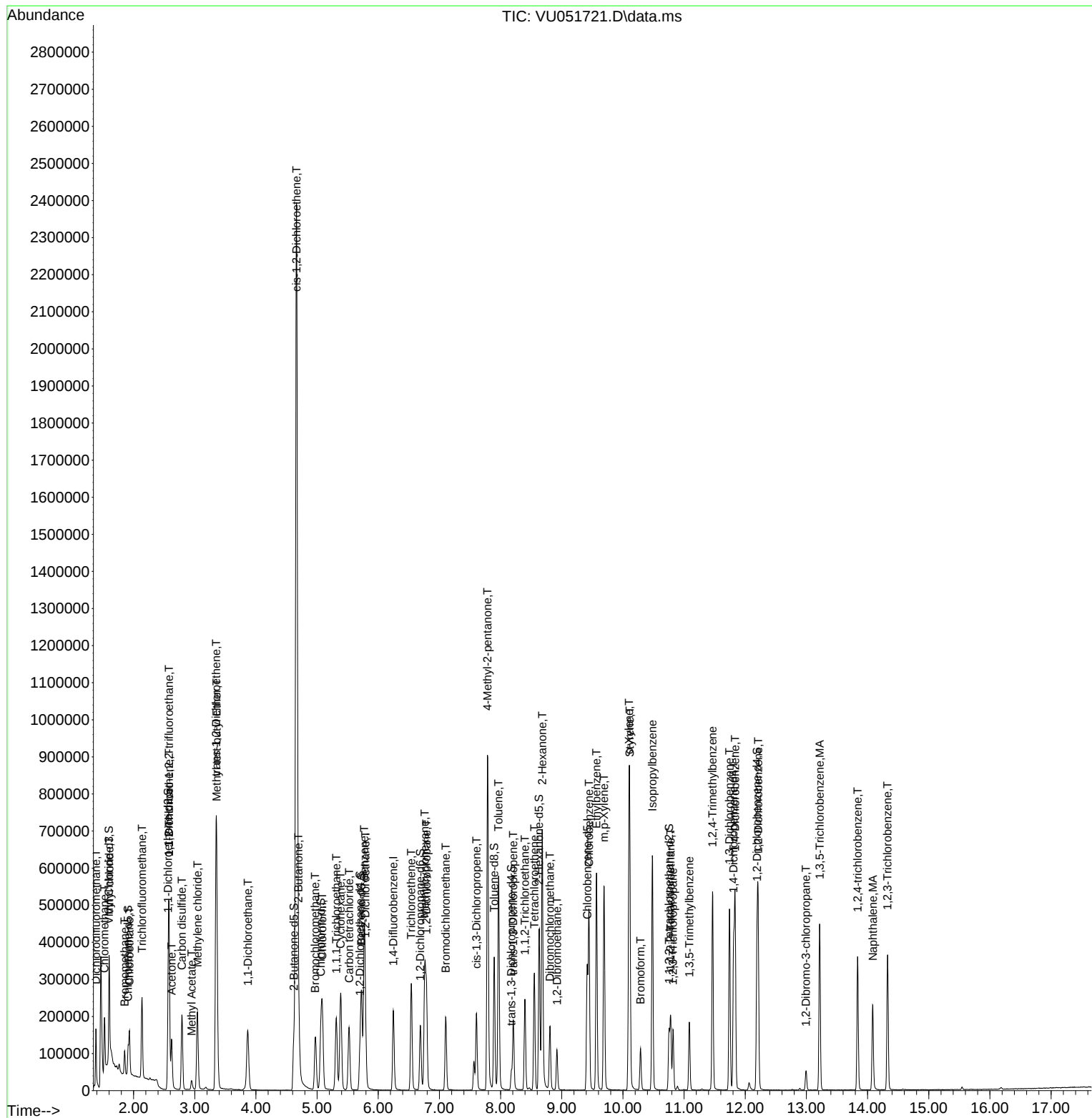
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	114013	5.828	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	139631	5.475	ug/L	100
30) Cyclohexane	5.385	56	123108	5.242	ug/L	99
31) Carbon tetrachloride	5.523	117	117672	5.395	ug/L	99
33) Benzene	5.771	78	410650	5.540	ug/L	100
34) Trichloroethene	6.539	95	101343	5.665	ug/L	98
35) Methylcyclohexane	6.761	83	122932	4.970	ug/L	97
37) 1,2-Dichloropropane	6.787	63	105810	5.549	ug/L	100
38) Bromodichloromethane	7.102	83	132887	5.706	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	125435	5.128	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	561137	58.676	ug/L	99
42) Toluene	7.967	91	435561	5.721	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	107734	5.270	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	78795	5.640	ug/L	99
47) Tetrachloroethene	8.552	164	72552	5.295	ug/L	97
48) 2-Hexanone	8.681	43	417714	59.009	ug/L	99
49) Dibromochloromethane	8.809	129	89160	5.586	ug/L	98
50) 1,2-Dibromoethane	8.922	107	72520	5.753	ug/L	100
51) Chlorobenzene	9.446	112	270544	5.646	ug/L	99
52) Ethylbenzene	9.568	91	400658	5.454	ug/L	100
53) m,p-Xylene	9.693	106	162709	5.703	ug/L	99
54) o-Xylene	10.099	106	157511	5.649	ug/L	98
55) Styrene	10.111	104	275900	5.918	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	103087	5.950	ug/L	96
59) Bromoform	10.288	173	50762	5.172	ug/L	99
60) Isopropylbenzene	10.481	105	398058	5.133	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	70888	5.161	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	98143	4.701	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	292266	4.855	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	203974	5.284	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	209820	5.421	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	200435	5.330	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14522	5.134	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	141221	5.132	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	112459	5.323	ug/L	97
71) Naphthalene	14.086	128	194759	4.939	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	112847	5.290	ug/L	100

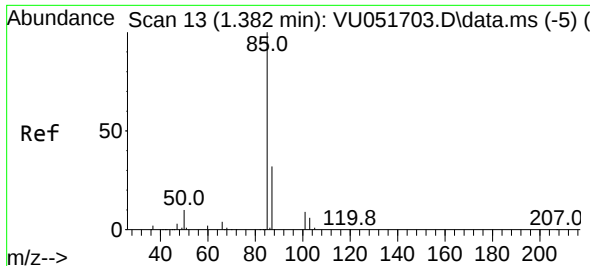
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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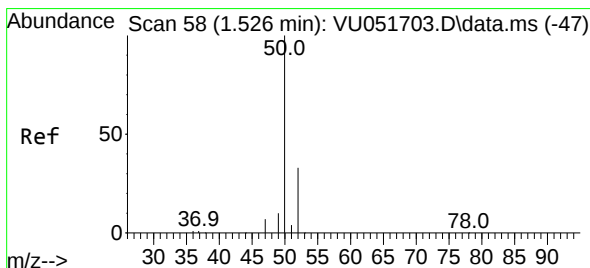
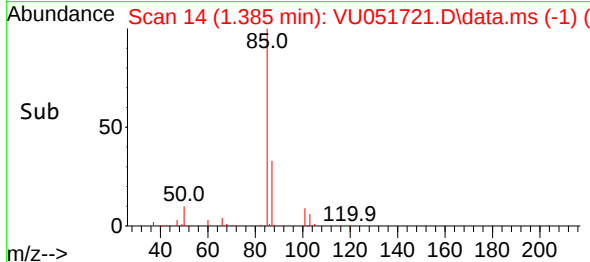
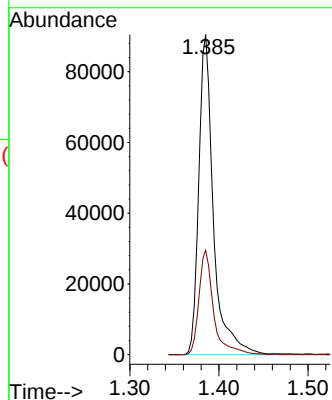
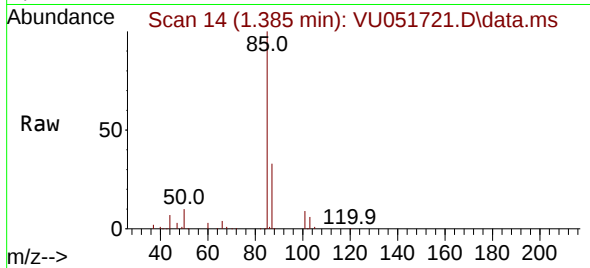




#2
Dichlorodifluoromethane
Concen: 5.322 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

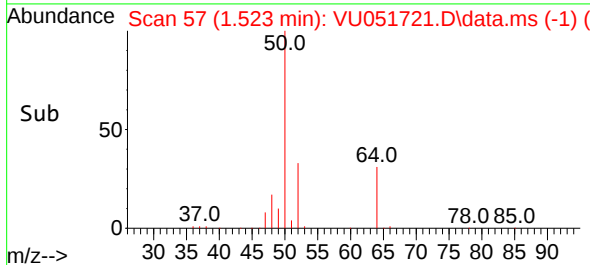
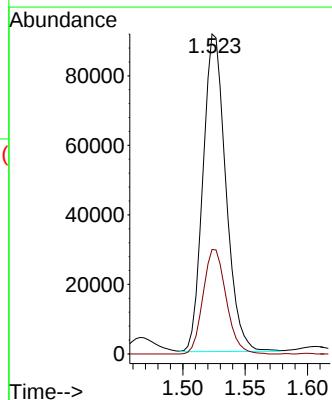
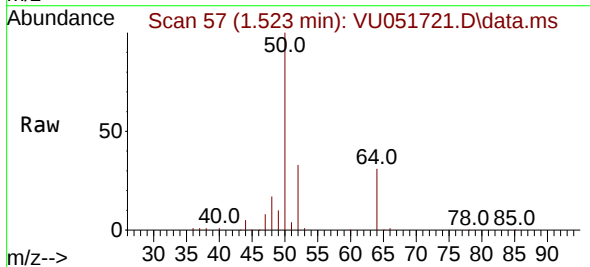
Instrument :
MSVOA_U
ClientSampleId :
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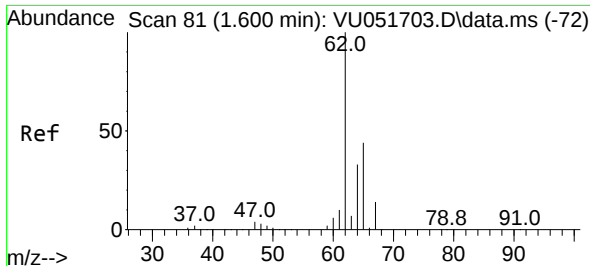
Tgt Ion: 85 Resp: 103635
Ion Ratio Lower Upper
85 100
87 32.7 25.7 38.5



#3
Chloromethane
Concen: 4.744 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 50 Resp: 116453
Ion Ratio Lower Upper
50 100
52 32.6 23.2 43.2

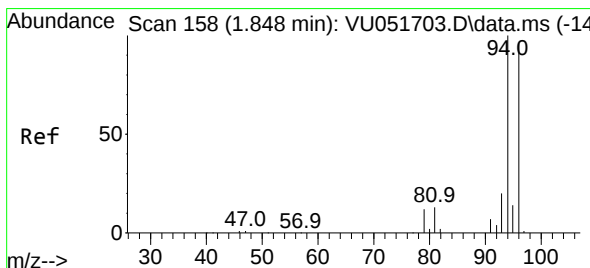
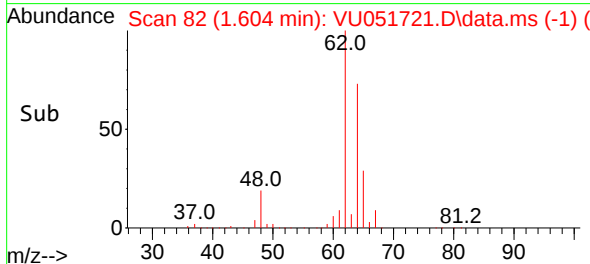
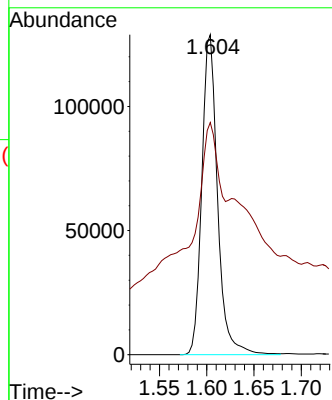
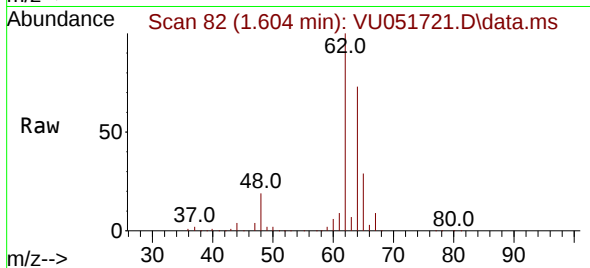




#5
 Vinyl chloride
 Concen: 6.330 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051721.D
 Acq: 03 Nov 2022 04:23

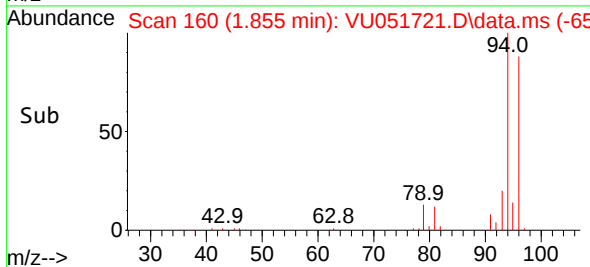
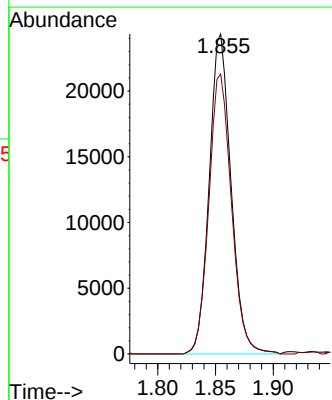
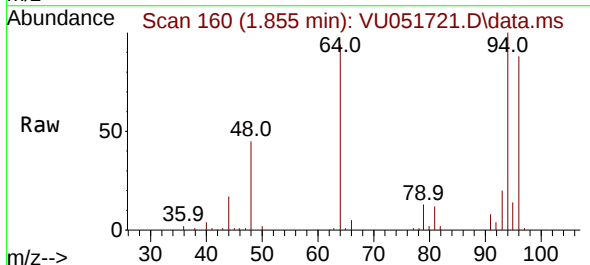
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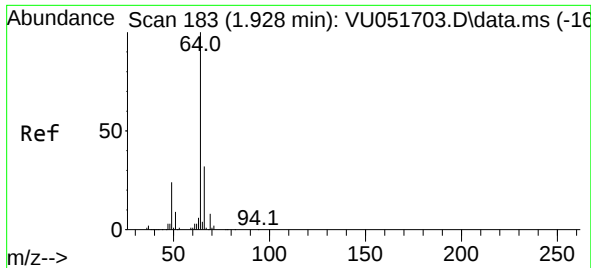
Tgt Ion: 62 Resp: 148855
 Ion Ratio Lower Upper
 62 100
 64 72.6 22.1 41.1#



#6
 Bromomethane
 Concen: 2.870 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.007 min
 Lab File: VU051721.D
 Acq: 03 Nov 2022 04:23

Tgt Ion: 94 Resp: 31999
 Ion Ratio Lower Upper
 94 100
 96 87.5 63.2 117.4

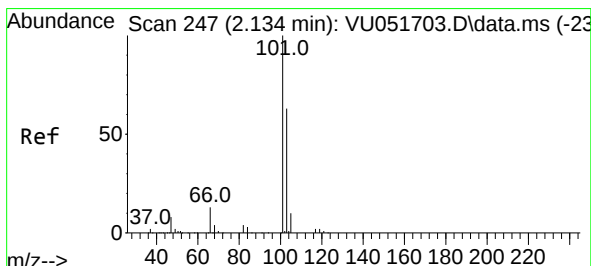
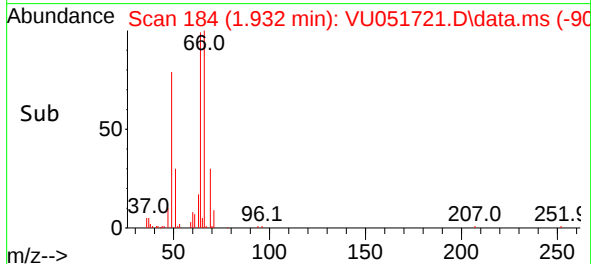
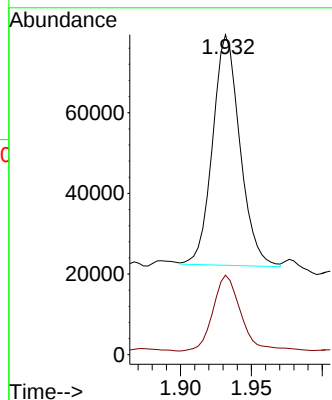
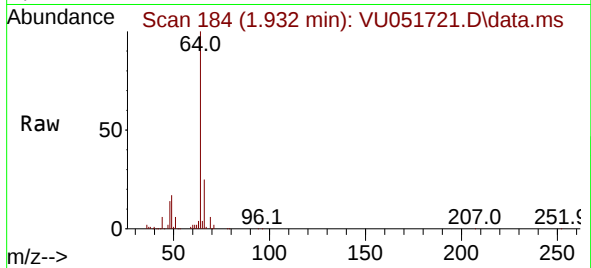




#8
Chloroethane
Concen: 5.361 ug/L
RT: 1.932 min Scan# 183
Delta R.T. 0.003 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

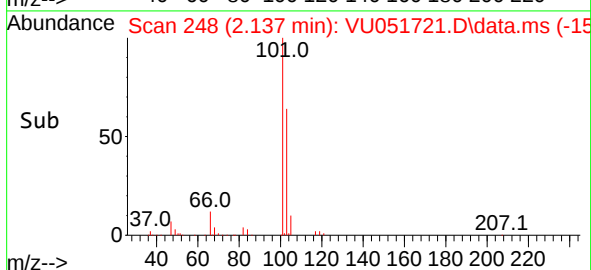
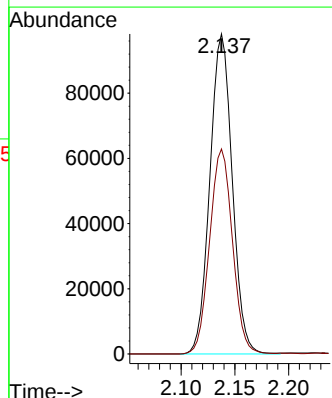
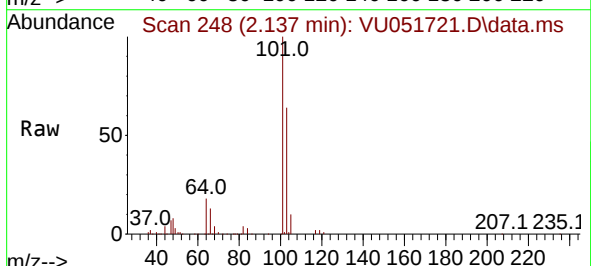
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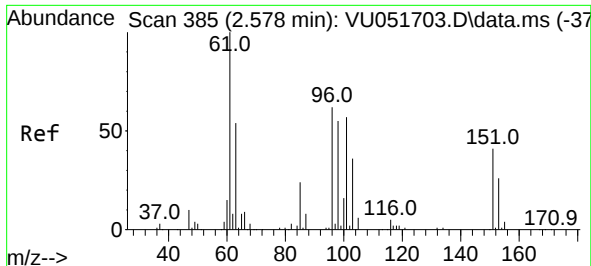
Tgt Ion: 64 Resp: 76549
Ion Ratio Lower Upper
64 100
66 24.8 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.493 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 101 Resp: 141803
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

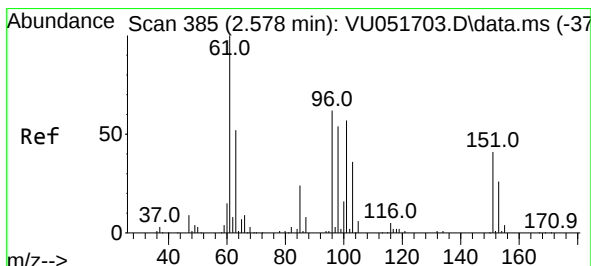
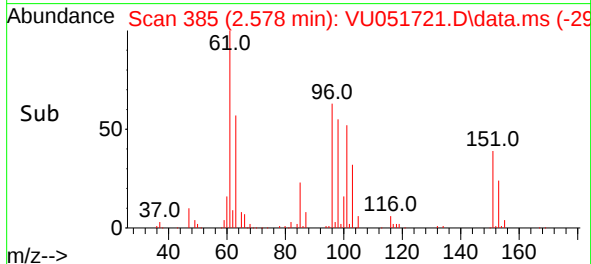
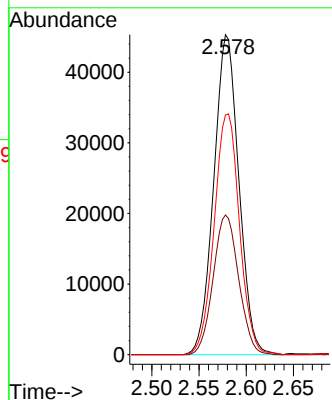
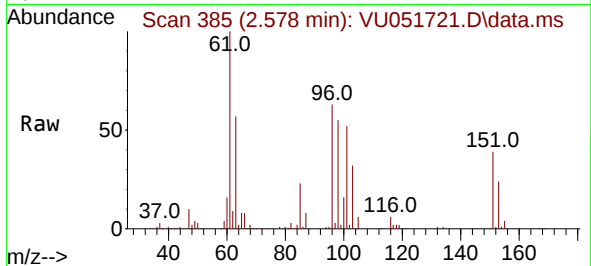




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.516 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051721.D
 Acq: 03 Nov 2022 04:23

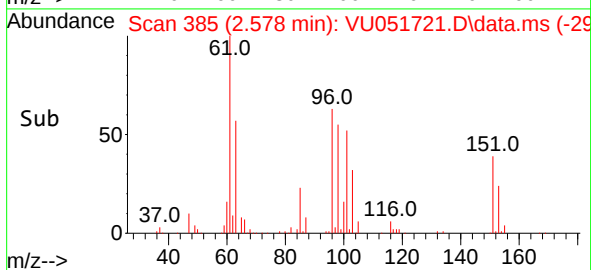
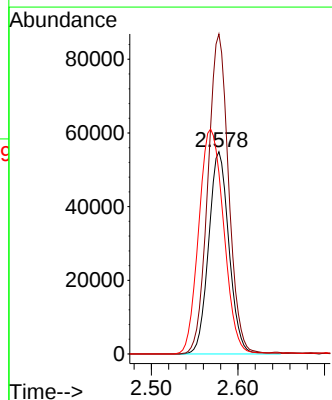
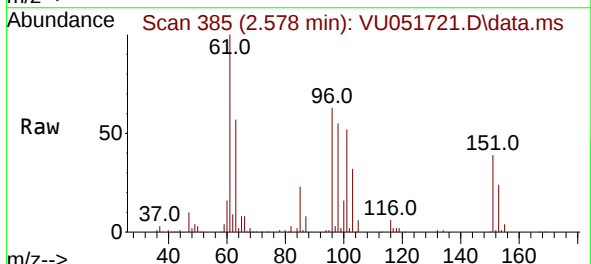
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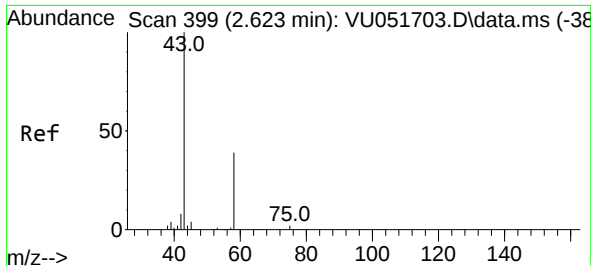
Tgt Ion:101 Resp: 83715
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.6 53.4
 151 75.9 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.790 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051721.D
 Acq: 03 Nov 2022 04:23

Tgt Ion: 96 Resp: 89636
 Ion Ratio Lower Upper
 96 100
 61 158.3 108.8 202.0
 63 89.7 64.9 120.5





#13

Acetone

Concen: 57.428 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

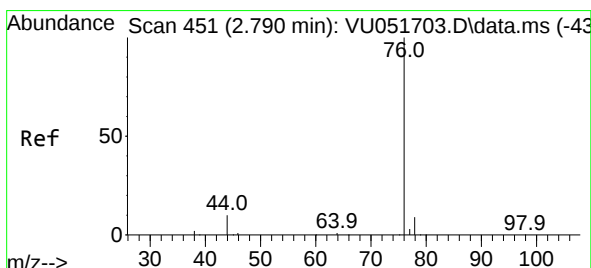
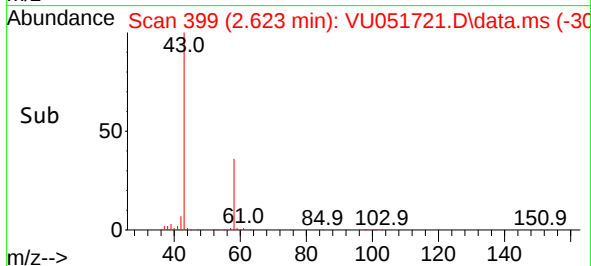
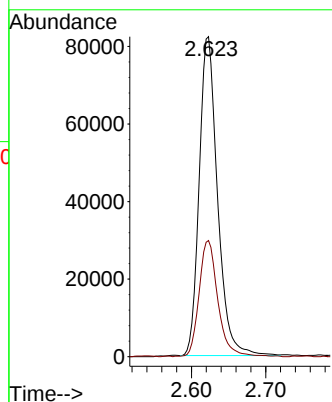
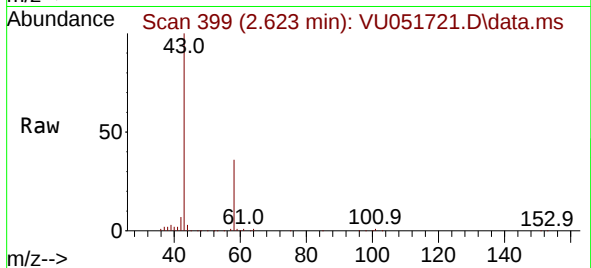
DBWP7MSD

Tgt Ion: 43 Resp: 141526

Ion Ratio Lower Upper

43 100

58 37.4 0.0 73.8



#14

Carbon disulfide

Concen: 5.417 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051721.D

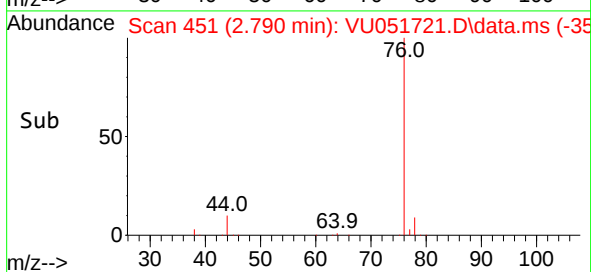
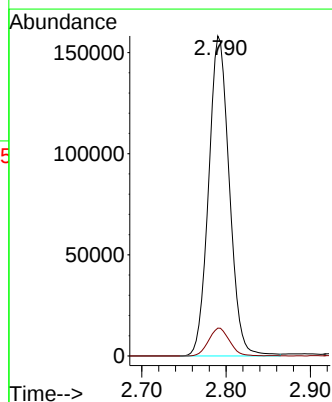
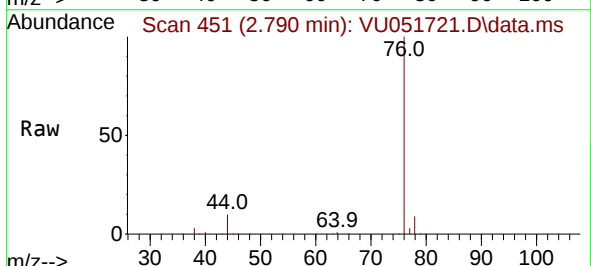
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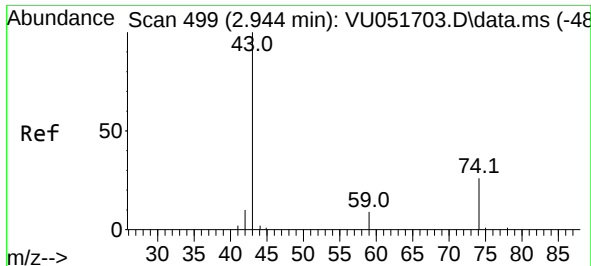
Tgt Ion: 76 Resp: 270327

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

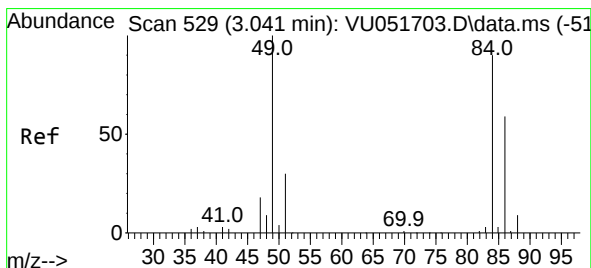
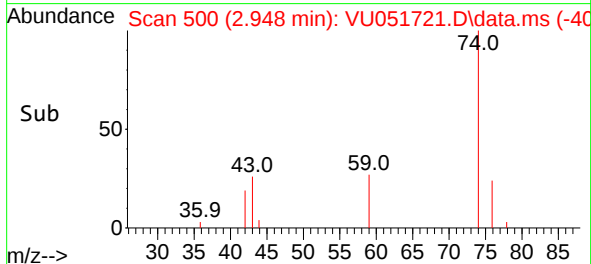
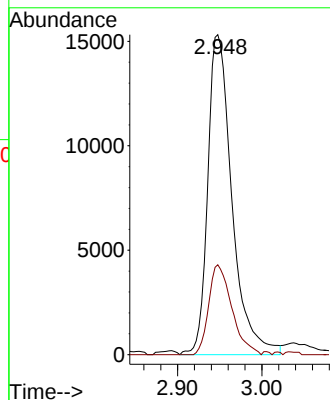
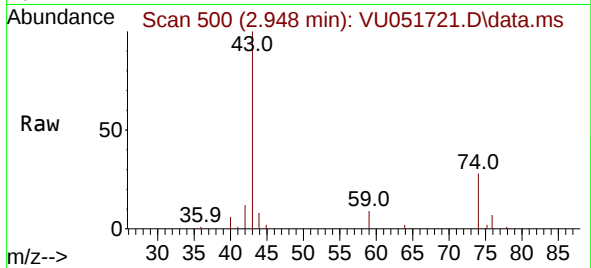




#15
Methyl Acetate
Concen: 4.754 ug/L
RT: 2.948 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

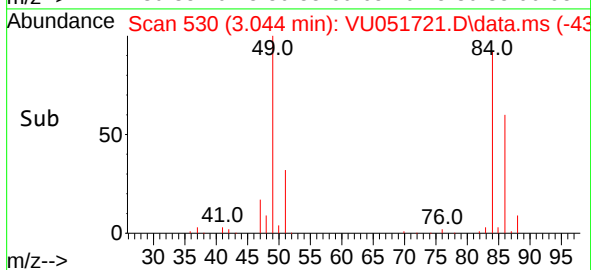
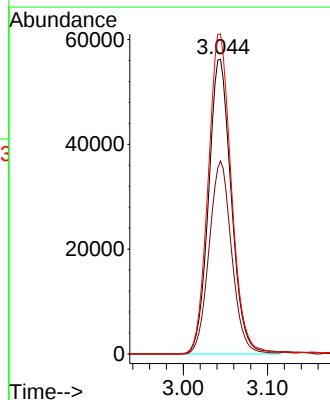
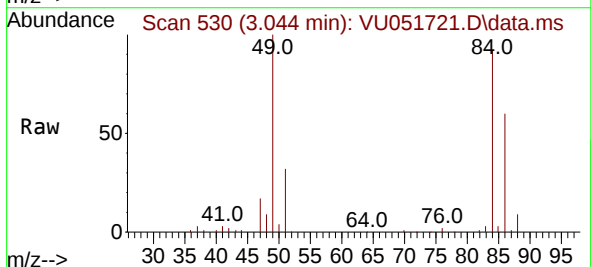
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

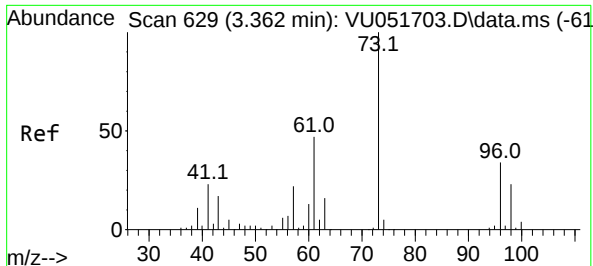
Tgt Ion: 43 Resp: 30675
Ion Ratio Lower Upper
43 100
74 26.7 20.2 30.4



#16
Methylene chloride
Concen: 4.166 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 84 Resp: 105640
Ion Ratio Lower Upper
84 100
86 65.4 46.3 85.9
49 108.6 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.700 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MSD

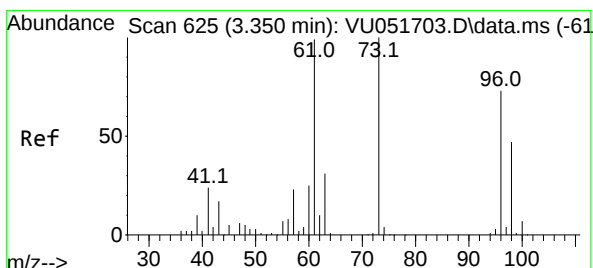
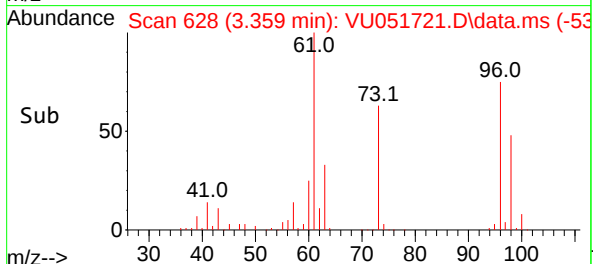
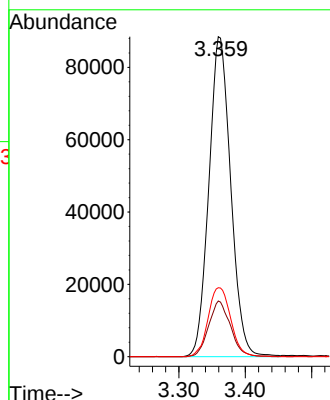
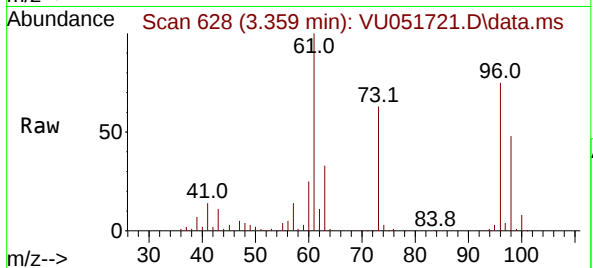
Tgt Ion: 73 Resp: 202347

Ion Ratio Lower Upper

73 100

43 17.4 13.6 20.4

57 22.4 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 15.482 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

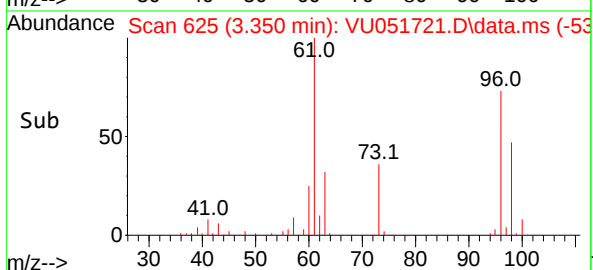
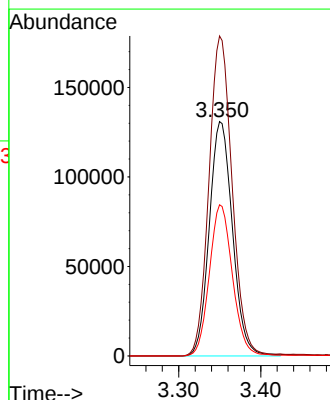
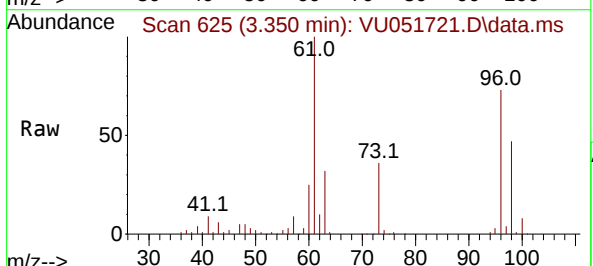
Tgt Ion: 96 Resp: 257212

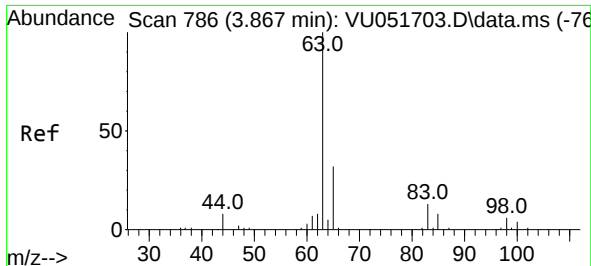
Ion Ratio Lower Upper

96 100

61 136.5 94.7 175.9

98 64.5 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.793 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MSD

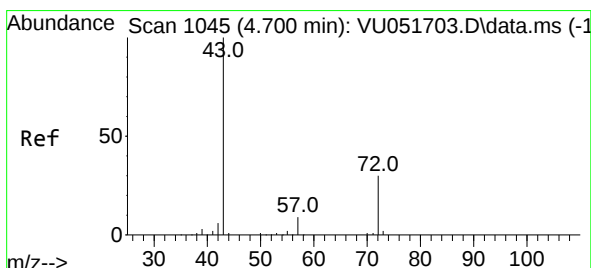
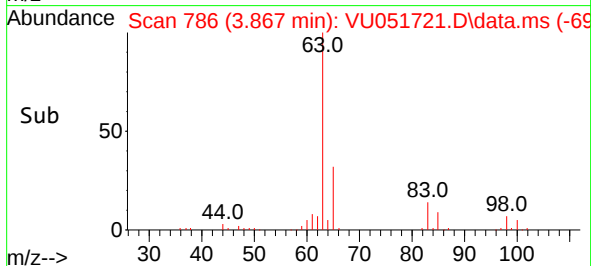
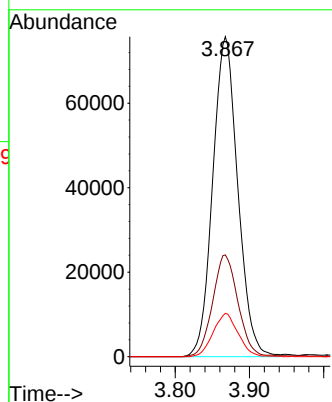
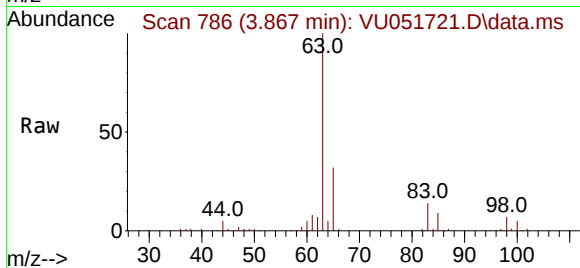
Tgt Ion: 63 Resp: 177510

Ion Ratio Lower Upper

63 100

65 31.8 22.7 42.1

83 13.5 9.2 17.0



#21

2-Butanone

Concen: 62.009 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU051721.D

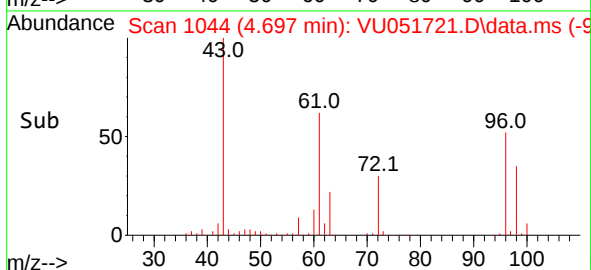
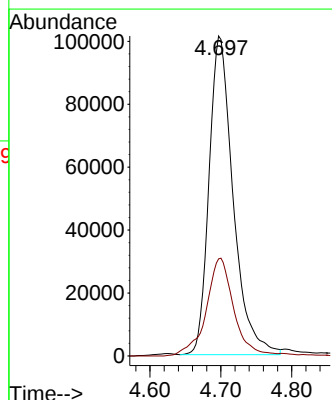
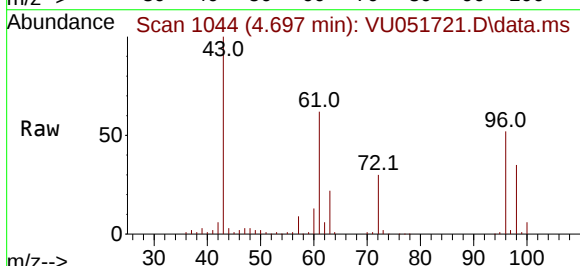
Acq: 03 Nov 2022 04:23

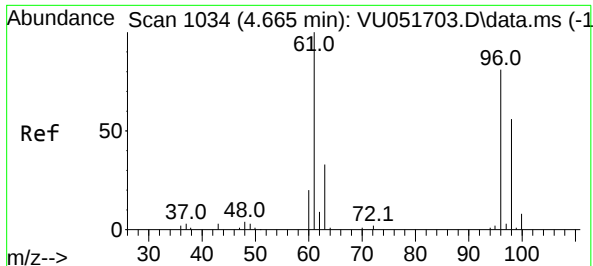
Tgt Ion: 43 Resp: 239312

Ion Ratio Lower Upper

43 100

72 35.0 16.2 48.5

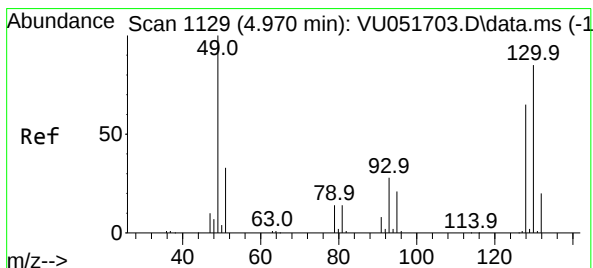
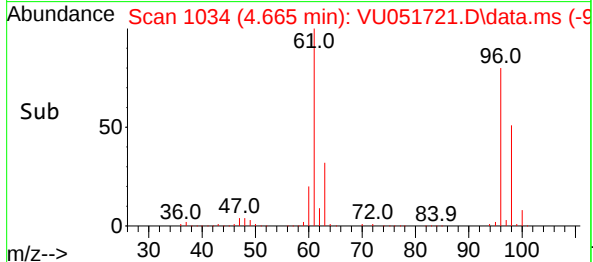
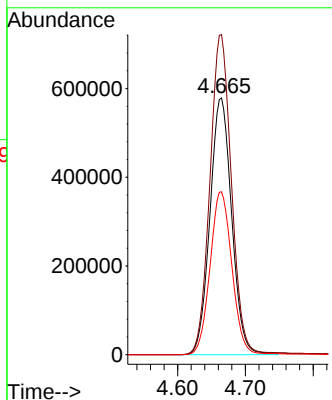
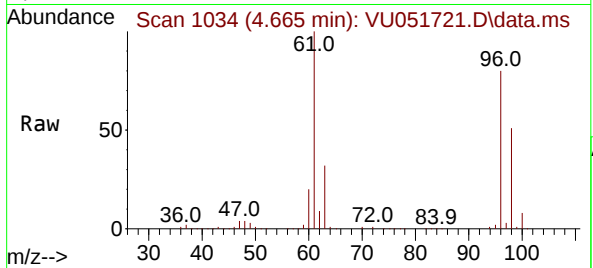




#22
 cis-1,2-Dichloroethene
 Concen: 70.156 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051721.D
 Acq: 03 Nov 2022 04:23

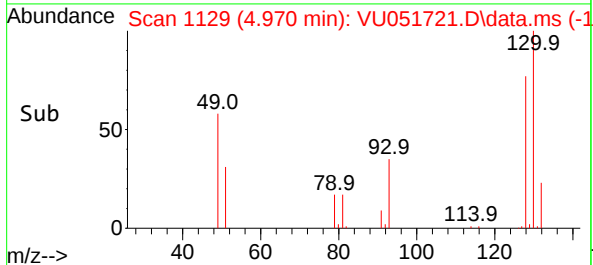
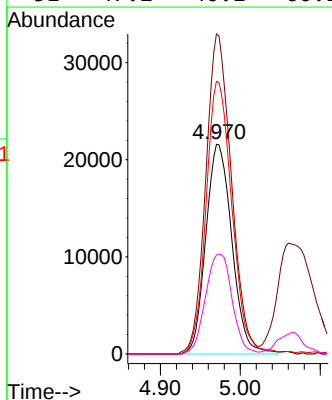
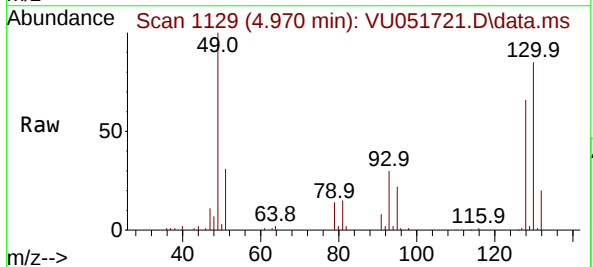
Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7MSD

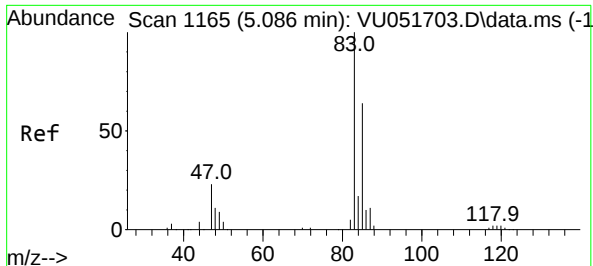
Tgt Ion: 96 Resp: 1289710
 Ion Ratio Lower Upper
 96 100
 61 124.7 86.4 160.4
 98 63.5 44.2 82.2



#23
 Bromochloromethane
 Concen: 5.693 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VU051721.D
 Acq: 03 Nov 2022 04:23

Tgt Ion: 128 Resp: 48936
 Ion Ratio Lower Upper
 128 100
 49 152.6 105.5 195.9
 130 130.0 93.5 173.7
 51 47.2 40.1 60.1





#25

Chloroform

Concen: 5.685 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

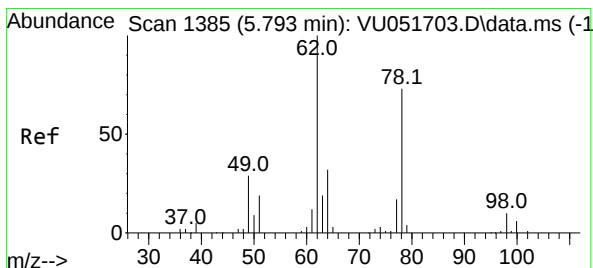
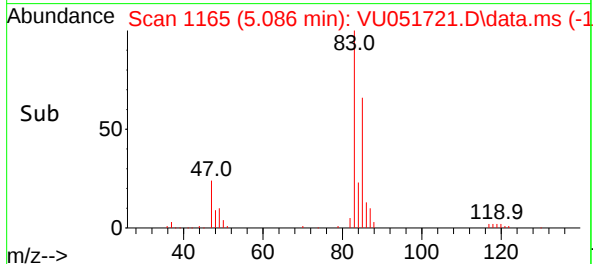
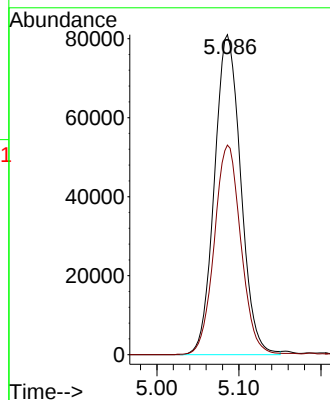
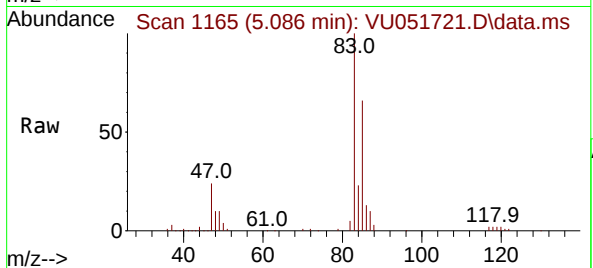
DBWP7MSD

Tgt Ion: 83 Resp: 180718

Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.828 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051721.D

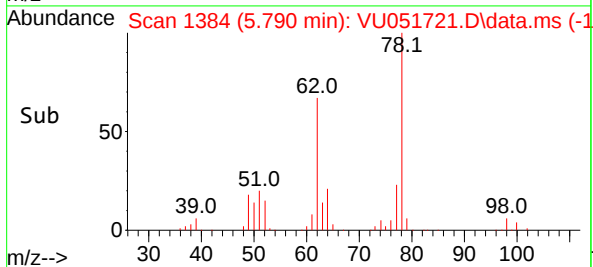
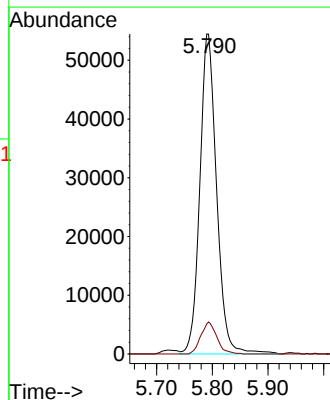
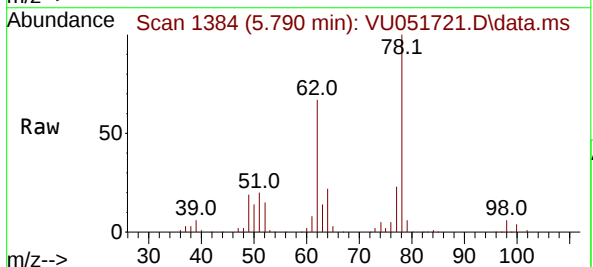
Acq: 03 Nov 2022 04:23

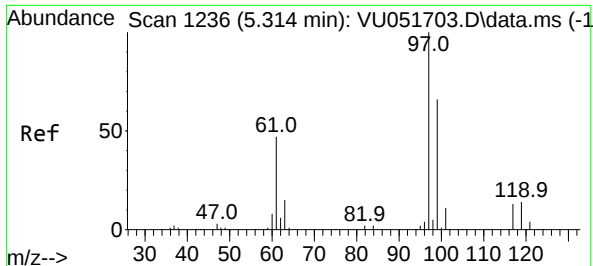
Tgt Ion: 62 Resp: 114013

Ion Ratio Lower Upper

62 100

98 9.4 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.475 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MSD

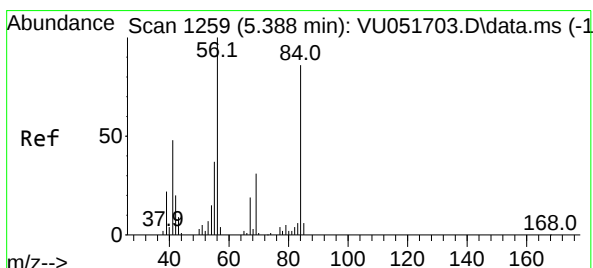
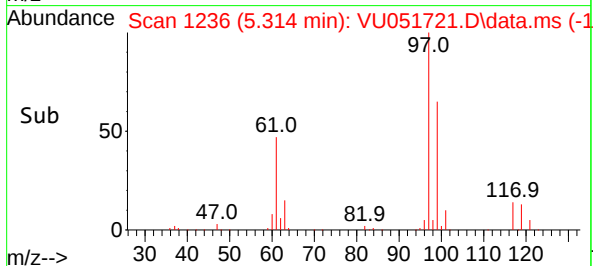
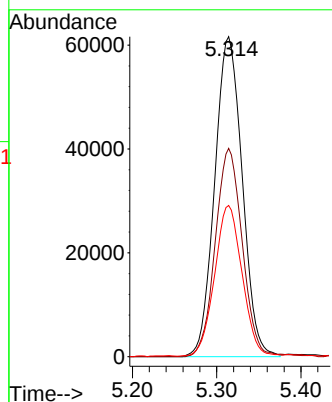
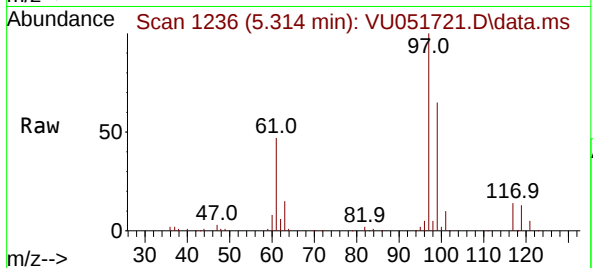
Tgt Ion: 97 Resp: 139631

Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

61 46.9 37.4 56.0



#30

Cyclohexane

Concen: 5.242 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

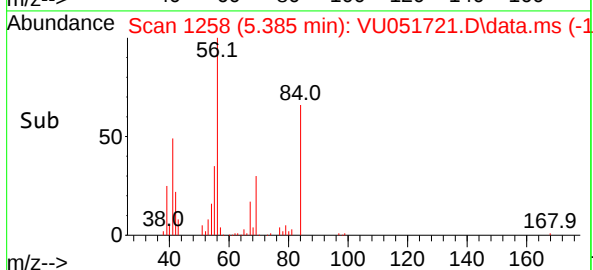
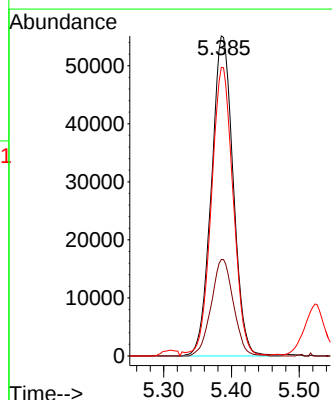
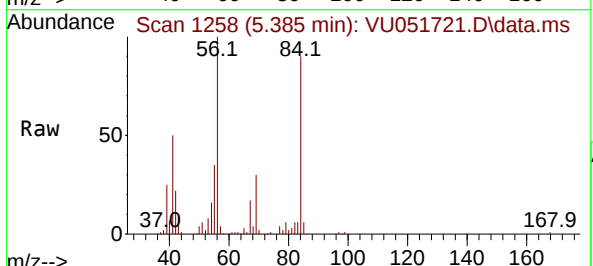
Tgt Ion: 56 Resp: 123108

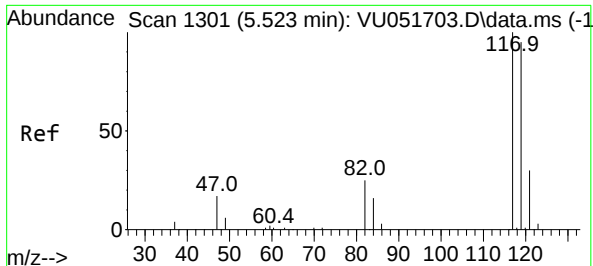
Ion Ratio Lower Upper

56 100

69 30.7 25.4 38.0

84 90.2 71.4 107.0

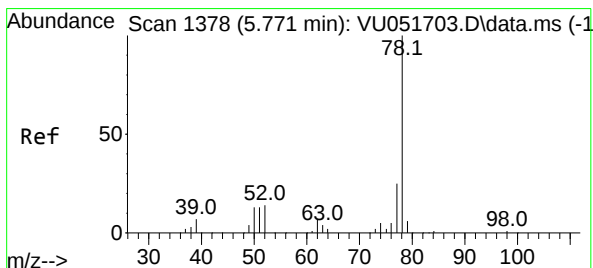
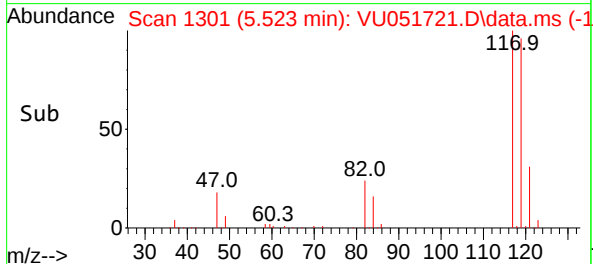
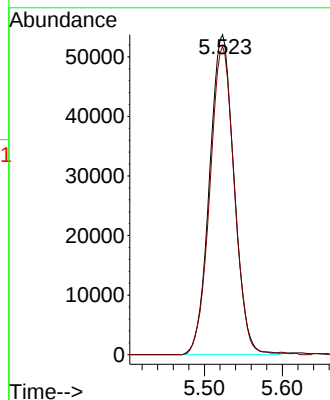
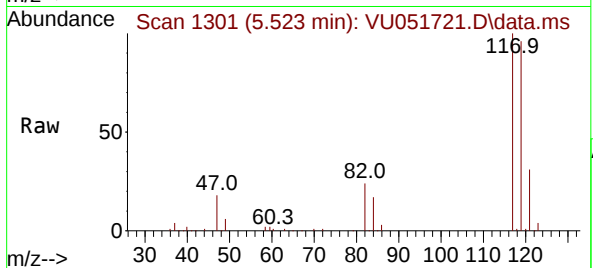




#31
Carbon tetrachloride
Concen: 5.395 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

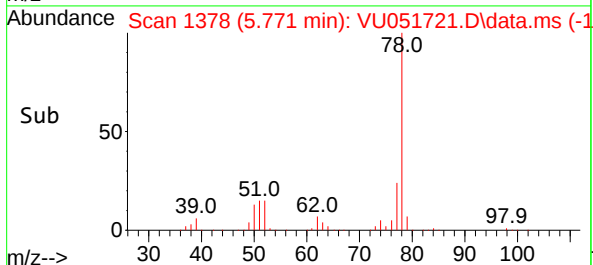
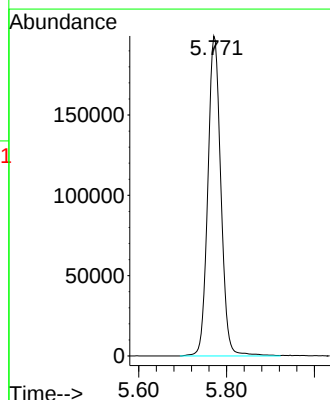
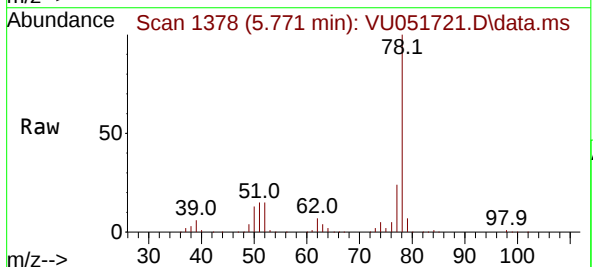
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

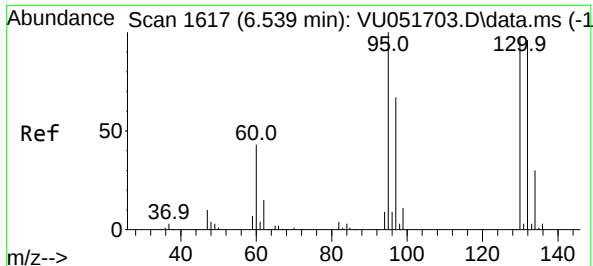
Tgt Ion:117 Resp: 117672
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 5.540 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 78 Resp: 410650

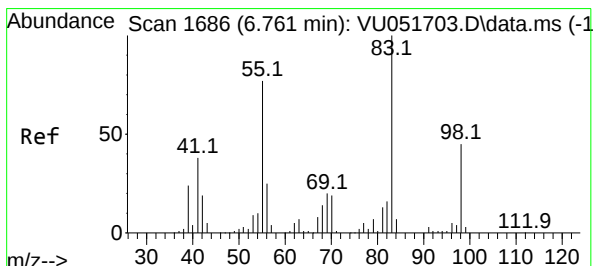
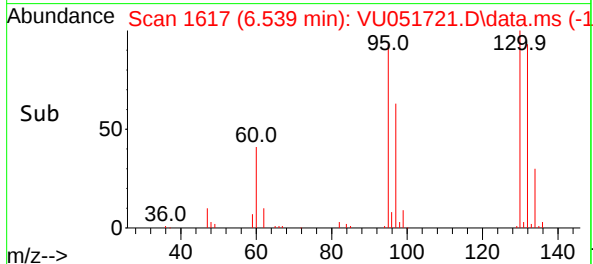
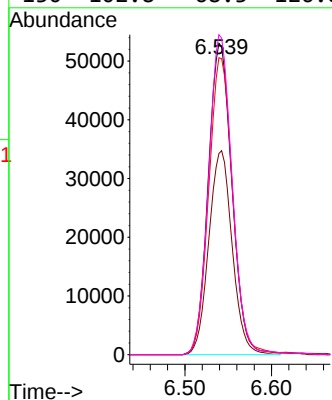
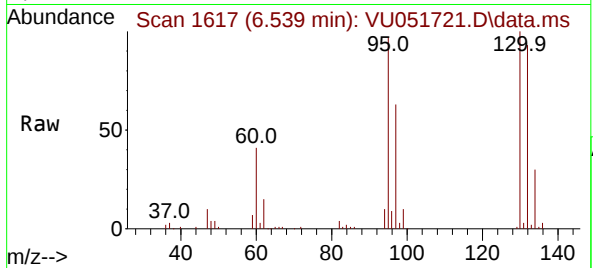




#34
Trichloroethene
Concen: 5.665 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

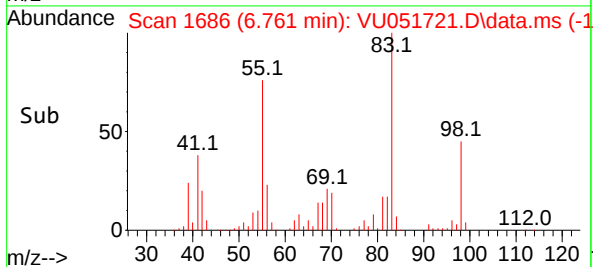
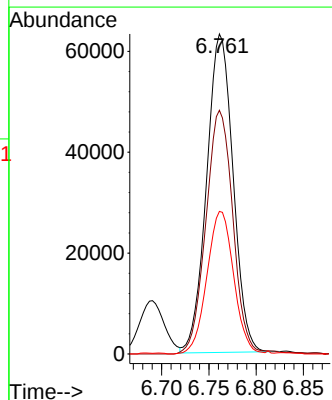
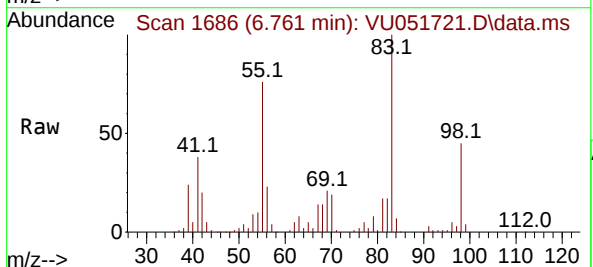
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

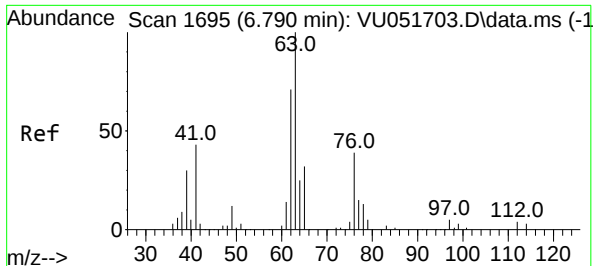
Tgt Ion: 95 Resp: 101343
Ion Ratio Lower Upper
95 100
97 64.6 45.2 84.0
132 95.4 66.5 123.5
130 102.8 68.3 126.8



#35
Methylcyclohexane
Concen: 4.970 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 83 Resp: 122932
Ion Ratio Lower Upper
83 100
55 78.7 60.6 90.8
98 45.2 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.549 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

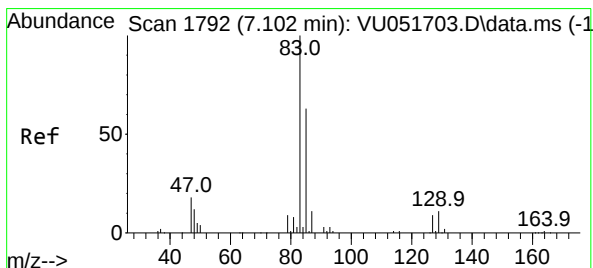
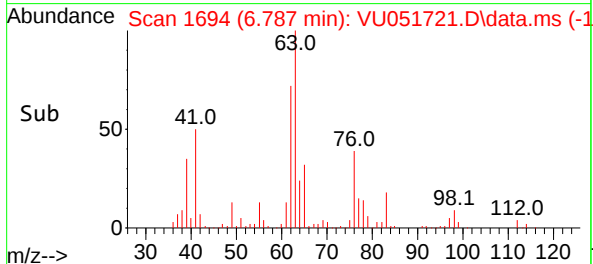
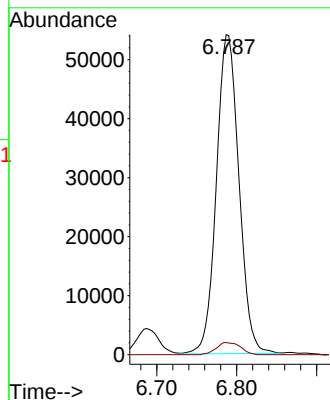
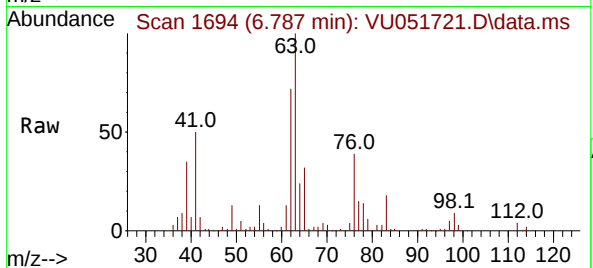
DBWP7MSD

Tgt Ion: 63 Resp: 105810

Ion Ratio Lower Upper

63 100

112 4.1 3.3 4.9



#38

Bromodichloromethane

Concen: 5.706 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

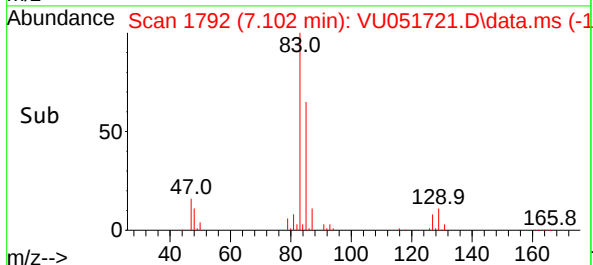
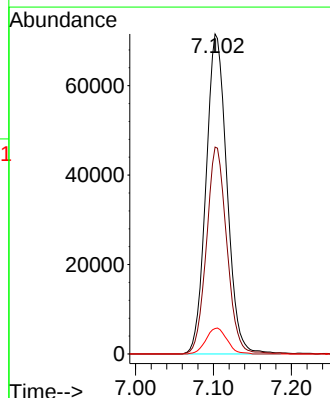
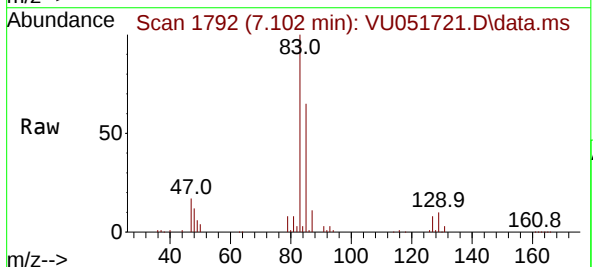
Tgt Ion: 83 Resp: 132887

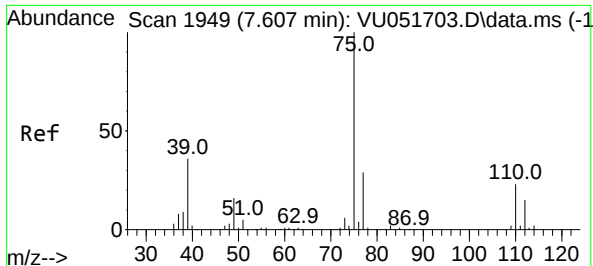
Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7

127 8.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.128 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

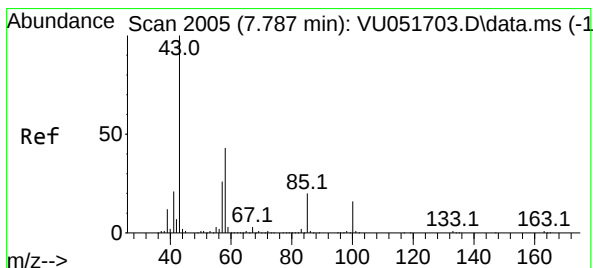
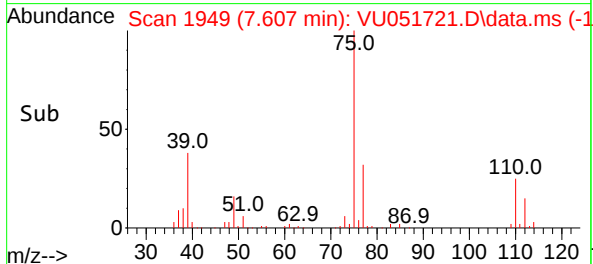
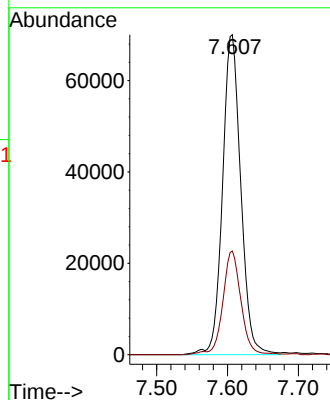
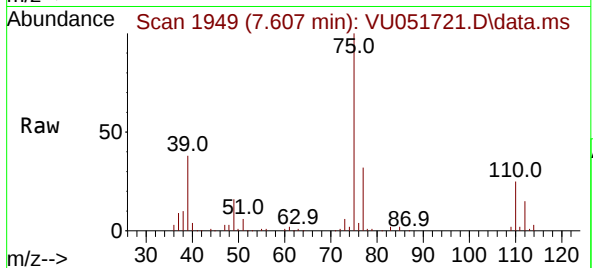
DBWP7MSD

Tgt Ion: 75 Resp: 125435

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 58.676 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

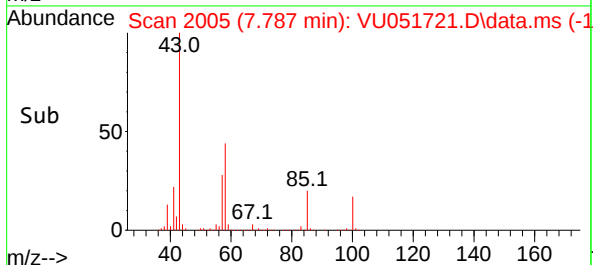
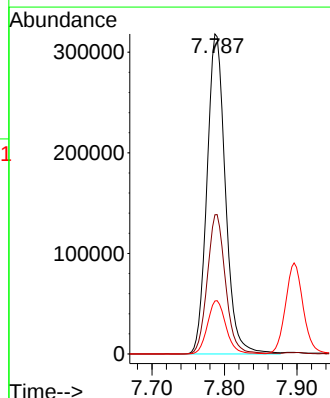
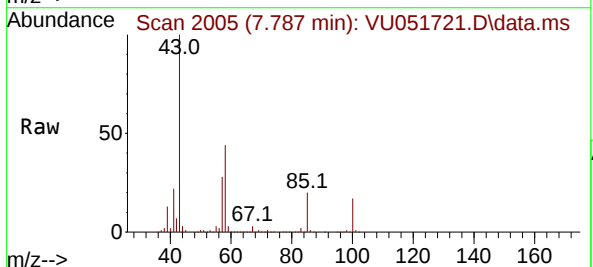
Tgt Ion: 43 Resp: 561137

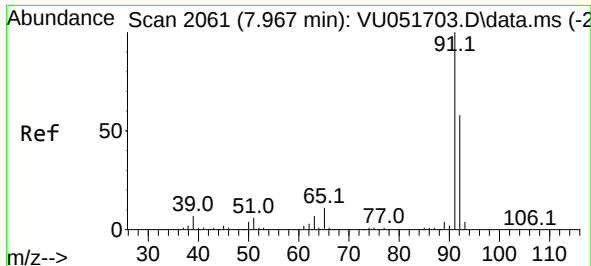
Ion Ratio Lower Upper

43 100

58 43.2 35.0 52.6

100 16.8 13.4 20.0

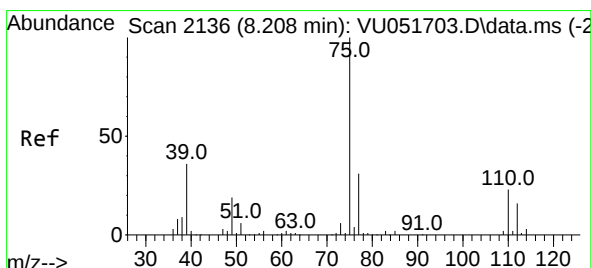
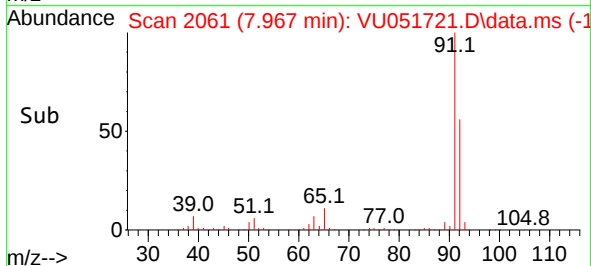
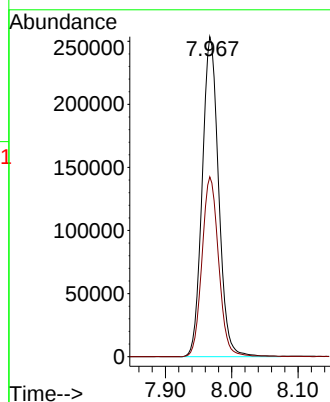
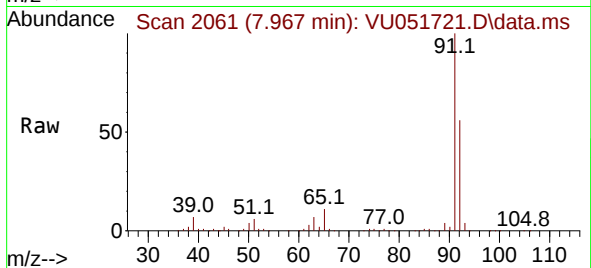




#42
Toluene
Concen: 5.721 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

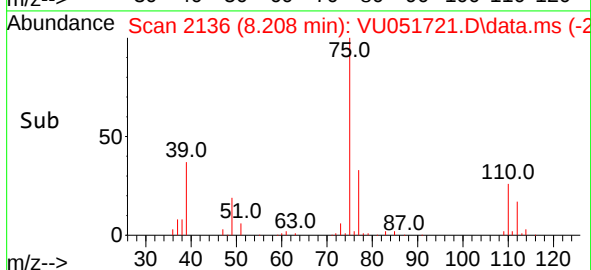
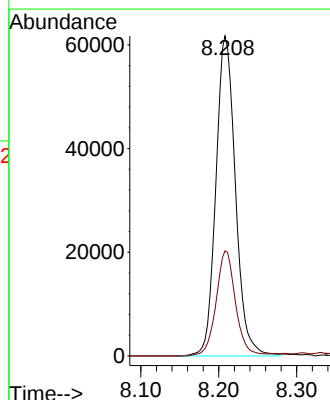
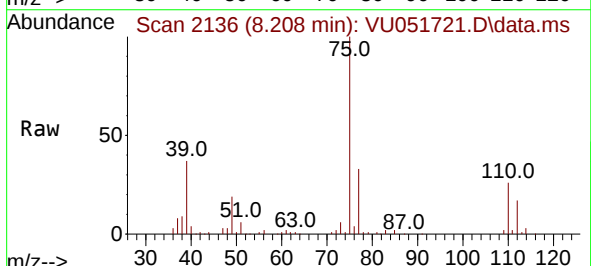
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

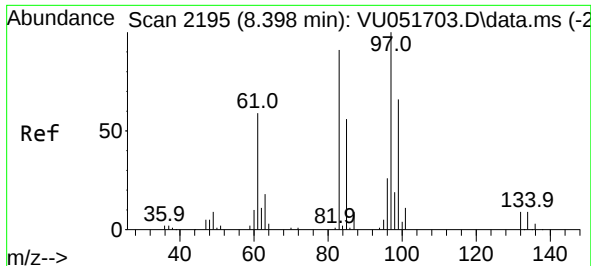
Tgt Ion: 91 Resp: 435561
Ion Ratio Lower Upper
91 100
92 56.2 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 5.270 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 75 Resp: 107734
Ion Ratio Lower Upper
75 100
77 32.9 21.8 40.6

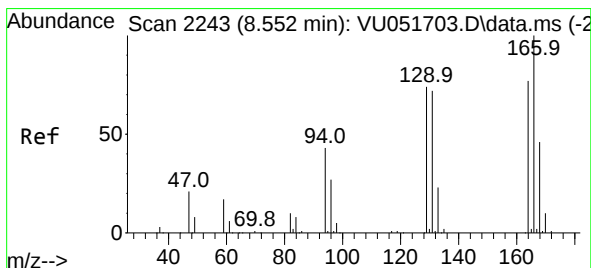
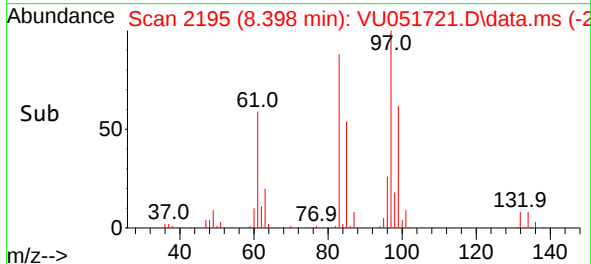
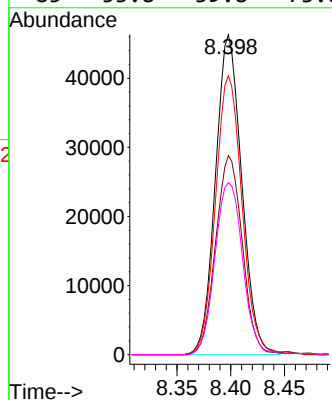
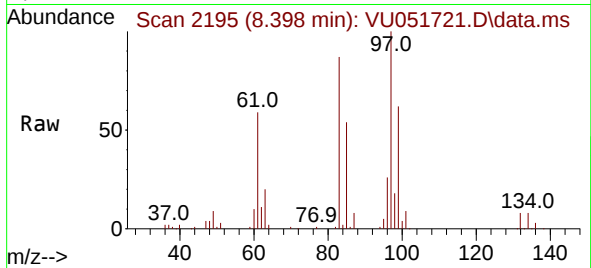




#45
1,1,2-Trichloroethane
Concen: 5.640 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

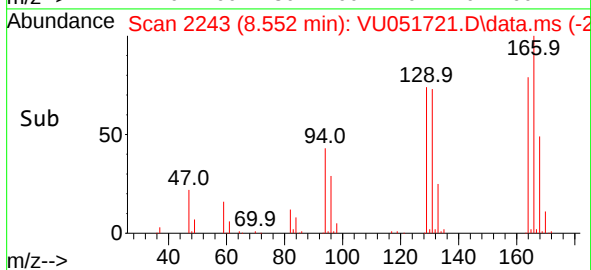
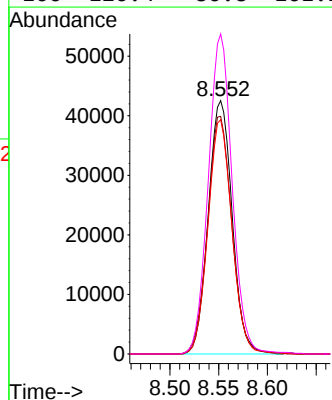
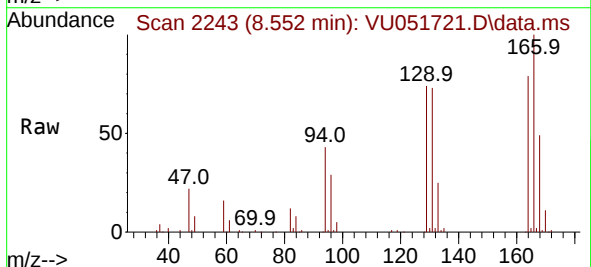
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

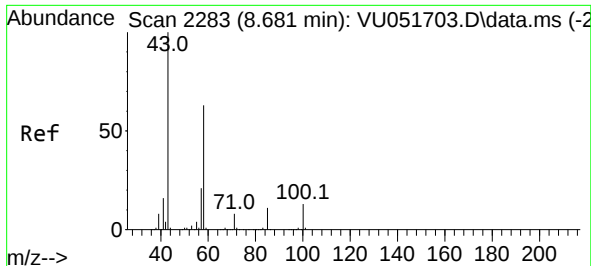
Tgt Ion:	97	Resp:	78795
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.4	80.6
83	87.2	61.3	113.9
85	53.8	39.8	73.8



#47
Tetrachloroethene
Concen: 5.295 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion:	164	Resp:	72552
Ion	Ratio	Lower	Upper
164	100		
129	93.8	64.0	118.8
131	92.5	60.7	112.7
166	126.4	86.8	161.2

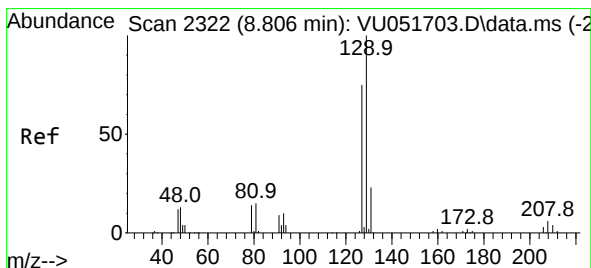
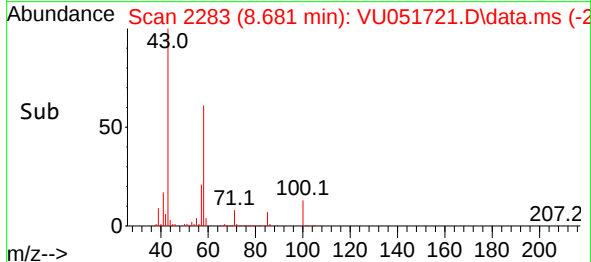
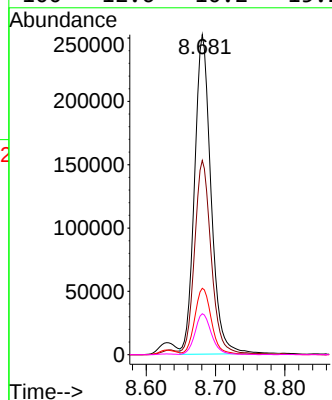
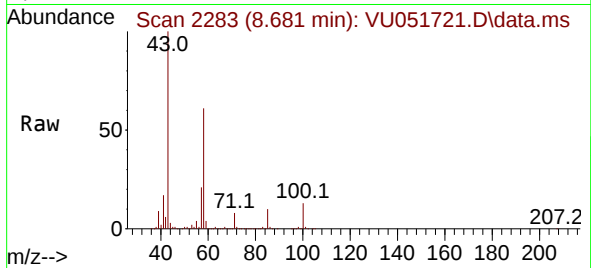




#48
2-Hexanone
Concen: 59.009 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

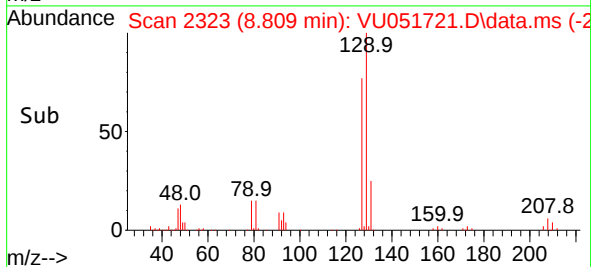
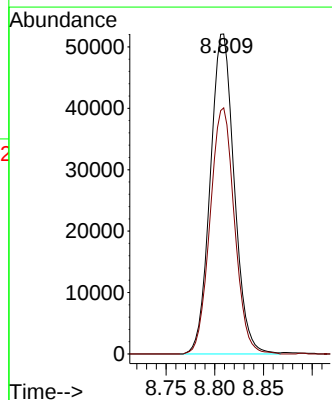
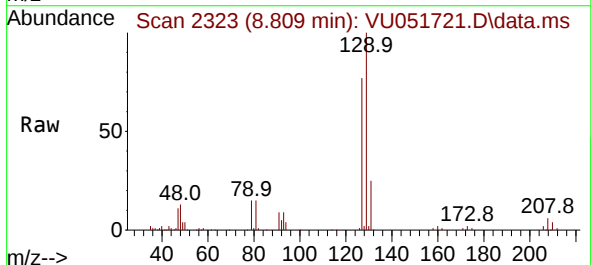
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

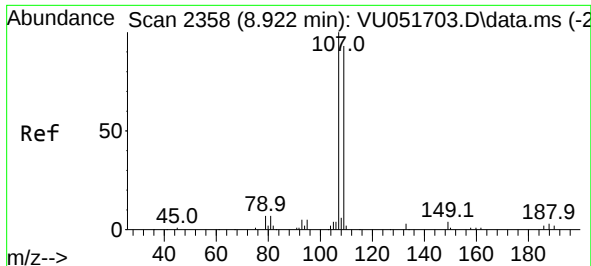
Tgt Ion: 43 Resp: 417714
Ion Ratio Lower Upper
43 100
58 60.8 48.2 72.2
57 21.0 16.6 25.0
100 12.6 10.2 15.2



#49
Dibromochloromethane
Concen: 5.586 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 129 Resp: 89160
Ion Ratio Lower Upper
129 100
127 76.9 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.753 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MSD

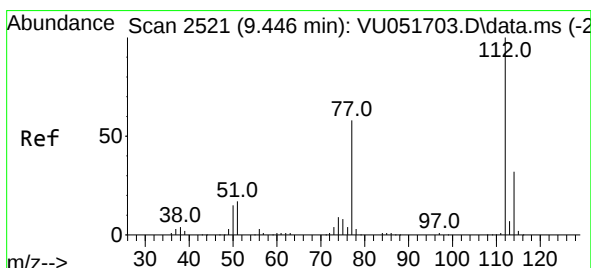
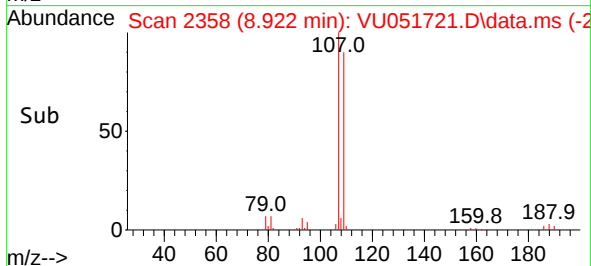
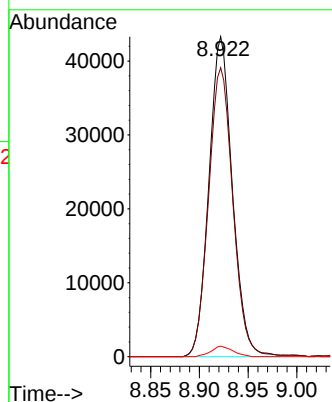
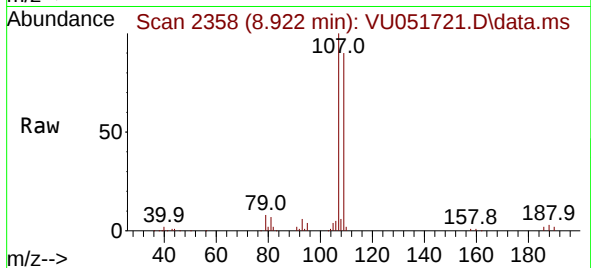
Tgt Ion:107 Resp: 72520

Ion Ratio Lower Upper

107 100

109 90.3 63.0 117.0

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 5.646 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

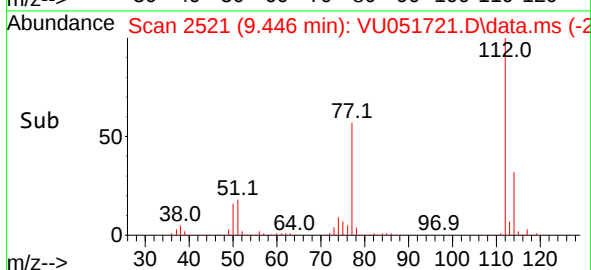
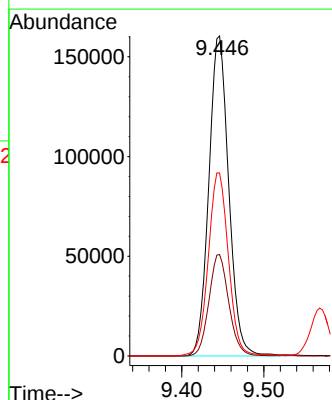
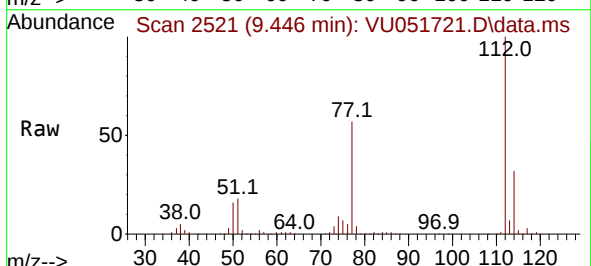
Tgt Ion:112 Resp: 270544

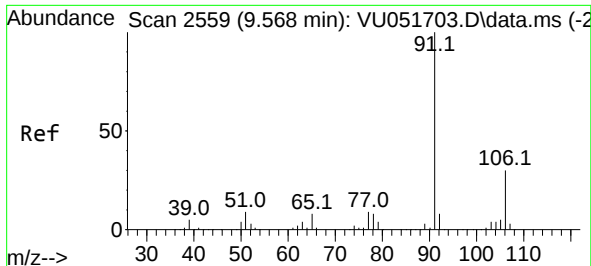
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 57.2 46.7 70.1

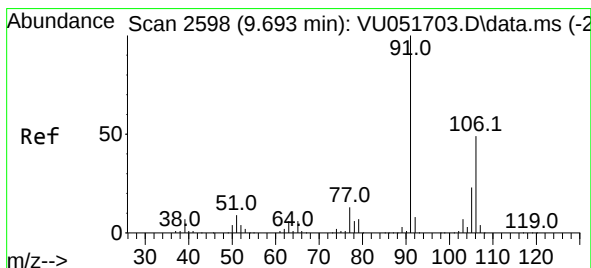
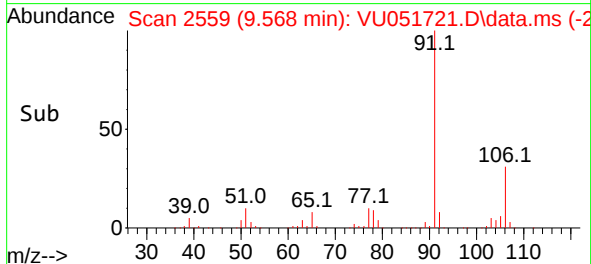
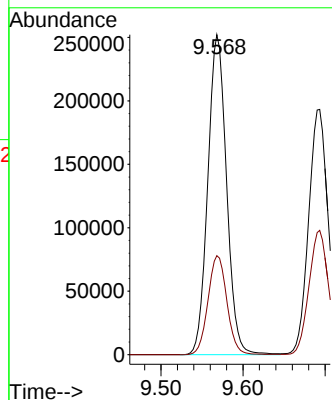
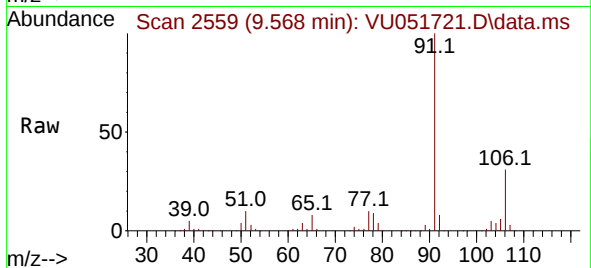




#52
Ethylbenzene
Concen: 5.454 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

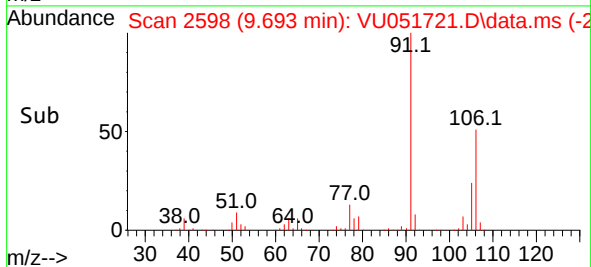
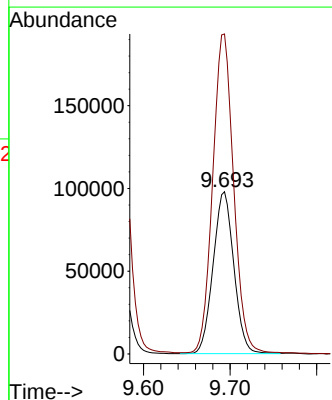
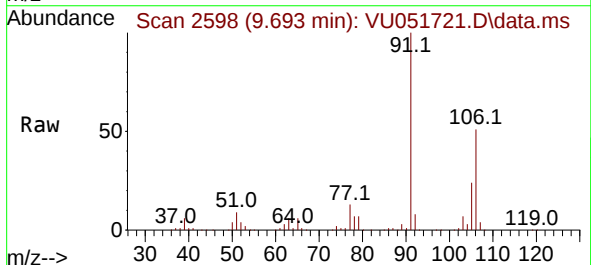
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

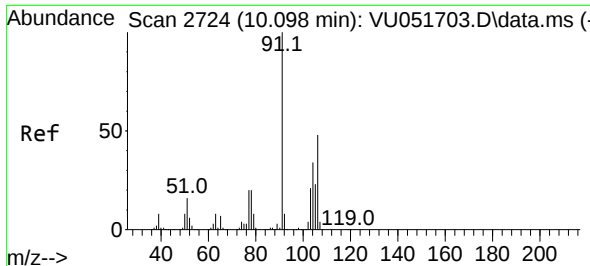
Tgt Ion: 91 Resp: 400658
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6



#53
m,p-Xylene
Concen: 5.703 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 106 Resp: 162709
Ion Ratio Lower Upper
106 100
91 197.3 139.4 259.0

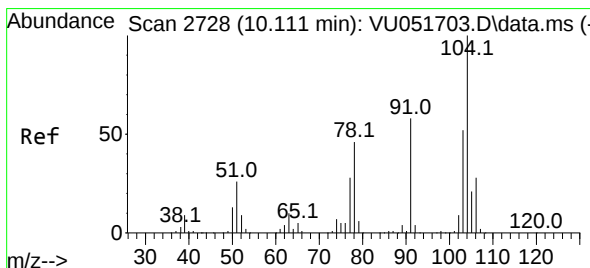
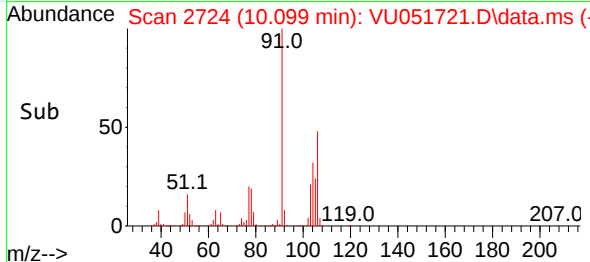
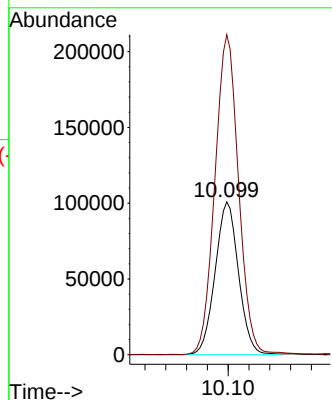
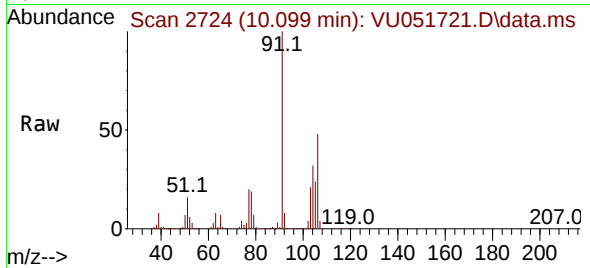




#54
o-Xylene
Concen: 5.649 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

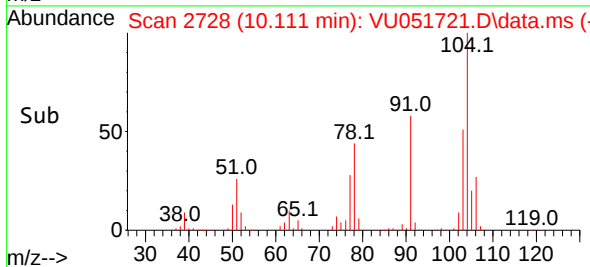
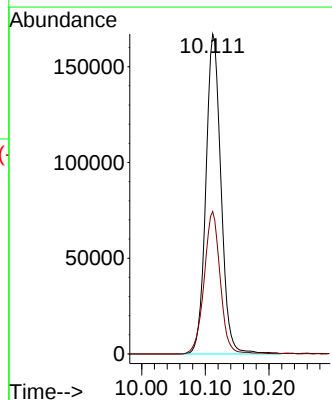
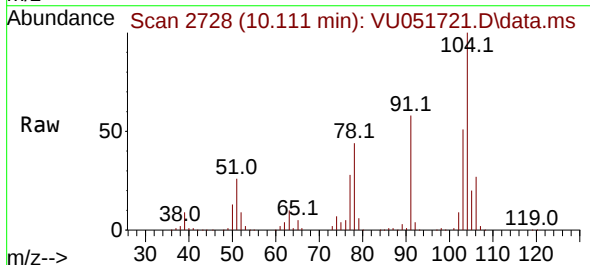
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

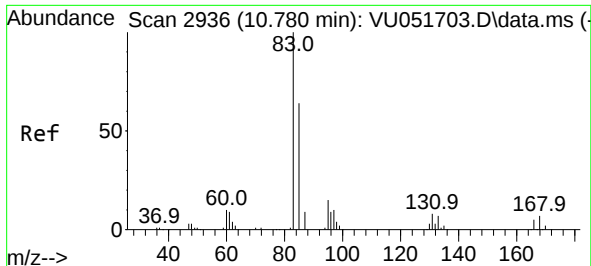
Tgt Ion:106 Resp: 157511
Ion Ratio Lower Upper
106 100
91 209.5 149.2 277.2



#55
Styrene
Concen: 5.918 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion:104 Resp: 275900
Ion Ratio Lower Upper
104 100
78 44.5 31.8 59.0

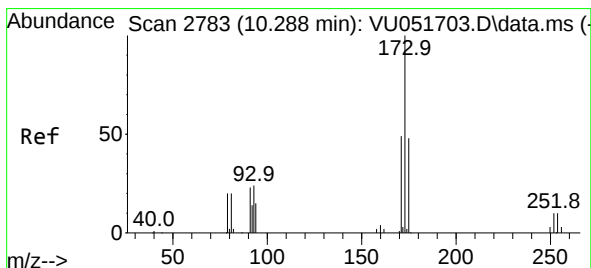
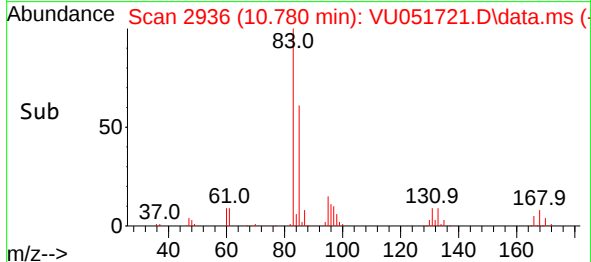
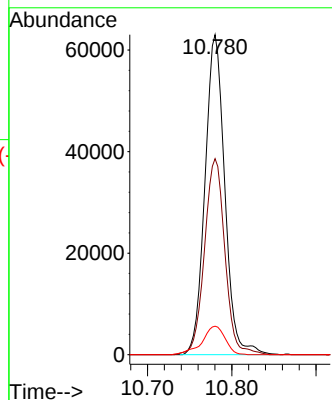
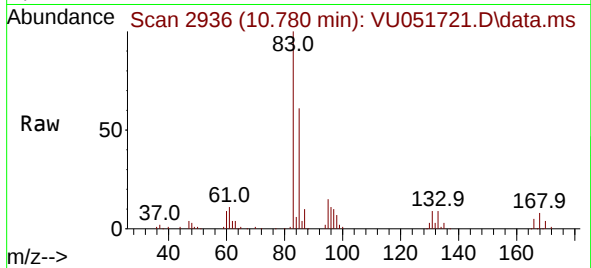




#57
1,1,2-Tetrachloroethane
Concen: 5.950 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

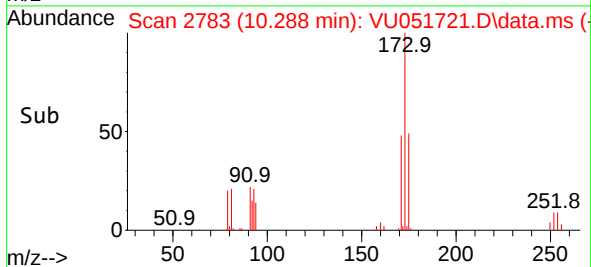
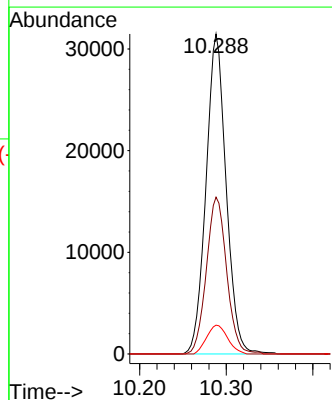
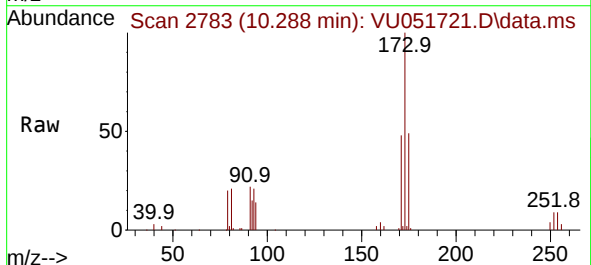
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

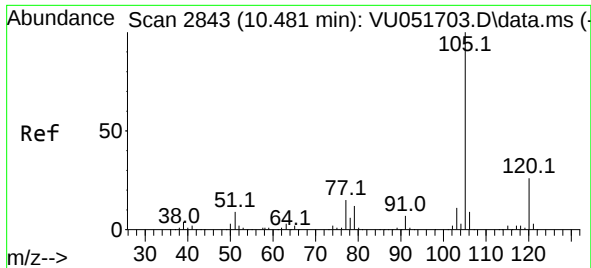
Tgt Ion: 83 Resp: 103087
Ion Ratio Lower Upper
83 100
85 61.2 44.9 83.5
131 8.9 7.8 11.8



#59
Bromoform
Concen: 5.172 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 173 Resp: 50762
Ion Ratio Lower Upper
173 100
175 49.4 38.7 58.1
254 9.4 7.3 10.9

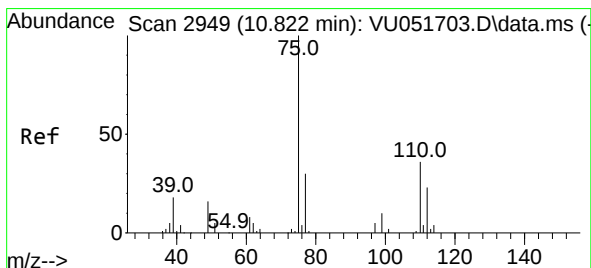
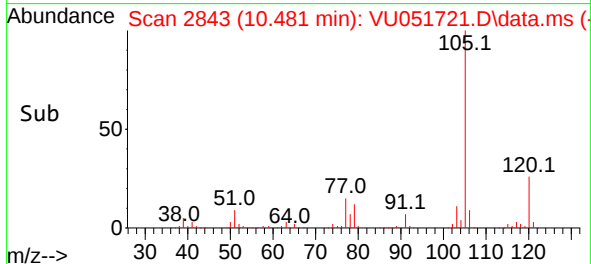
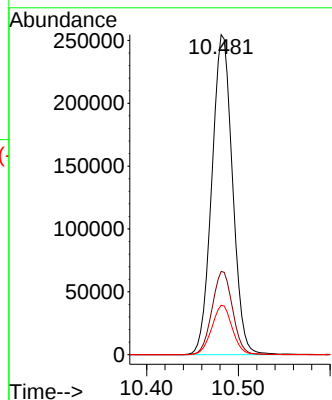
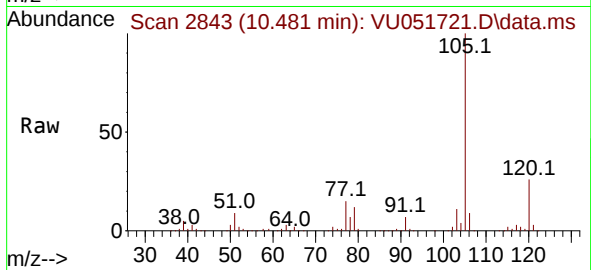




#60
Isopropylbenzene
Concen: 5.133 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

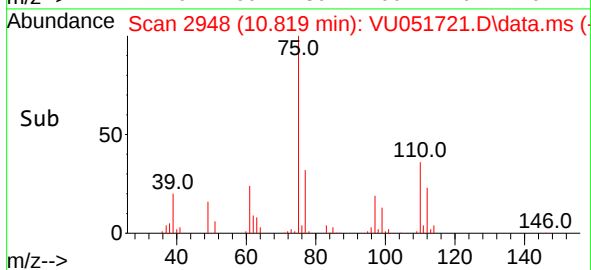
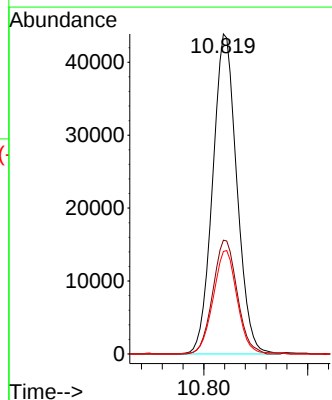
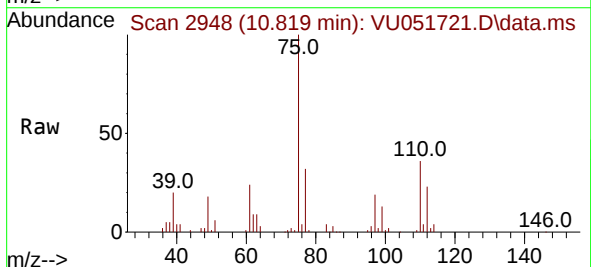
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

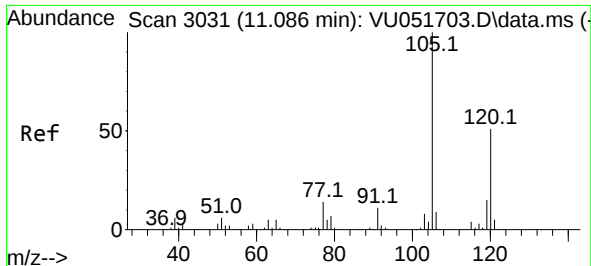
Tgt Ion:105 Resp: 398058
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.161 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion: 75 Resp: 70888
Ion Ratio Lower Upper
75 100
110 35.8 28.7 43.1
77 32.2 26.1 39.1

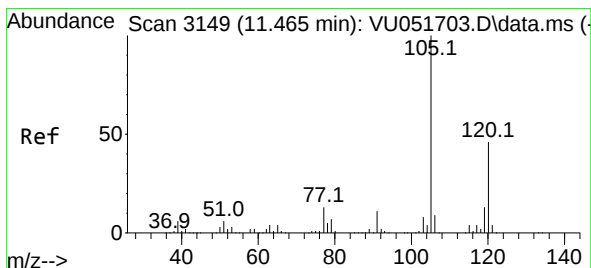
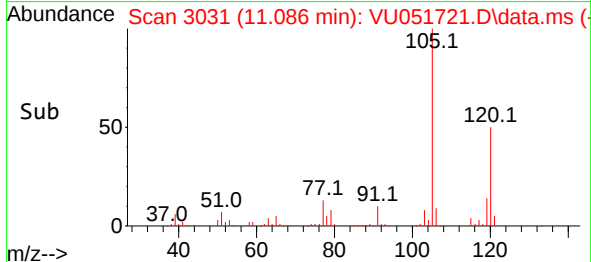
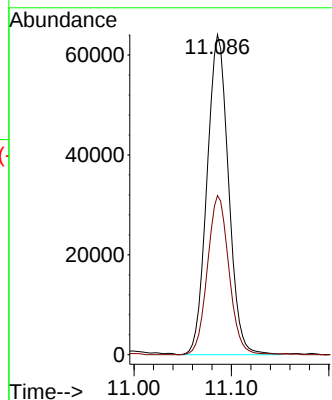
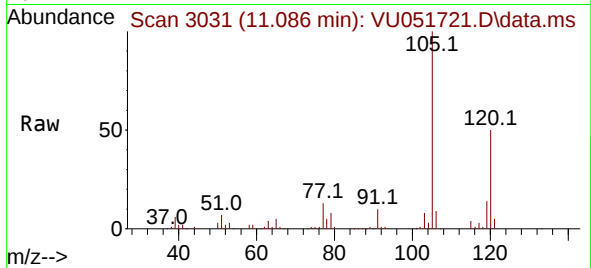




#62
1,3,5-Trimethylbenzene
Concen: 4.701 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

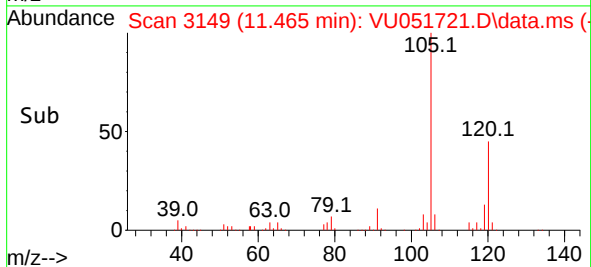
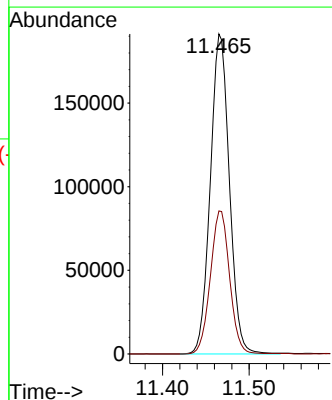
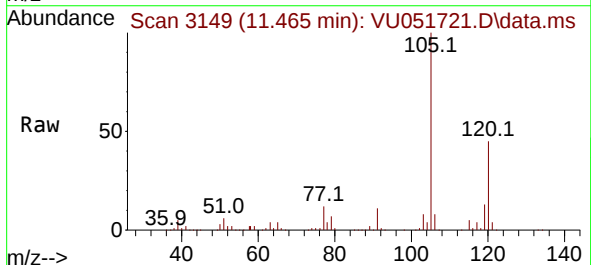
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

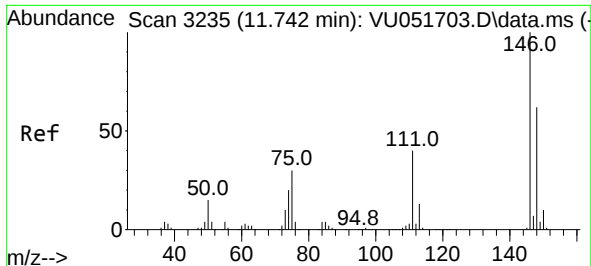
Tgt Ion:105 Resp: 98143
Ion Ratio Lower Upper
105 100
120 49.8 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.855 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion:105 Resp: 292266
Ion Ratio Lower Upper
105 100
120 45.2 35.8 53.6

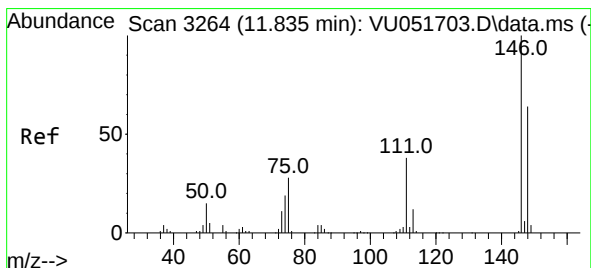
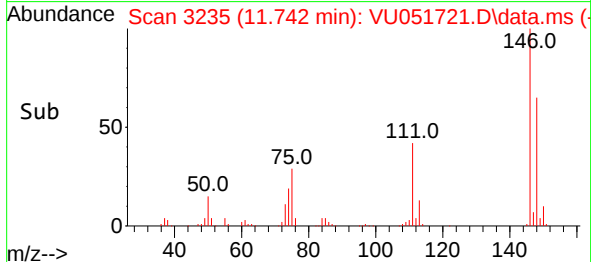
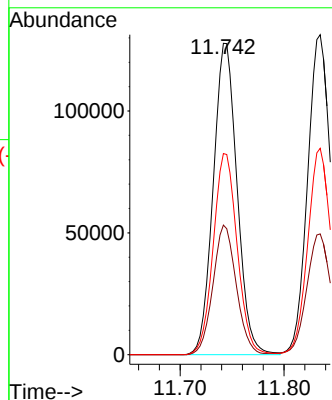
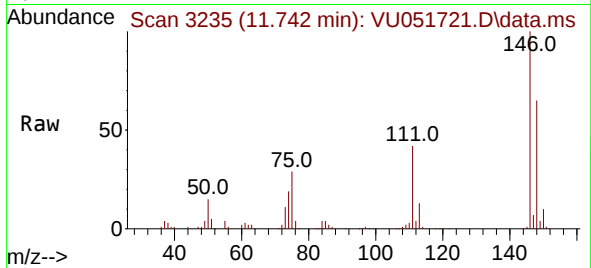




#64
1,3-Dichlorobenzene
Concen: 5.284 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

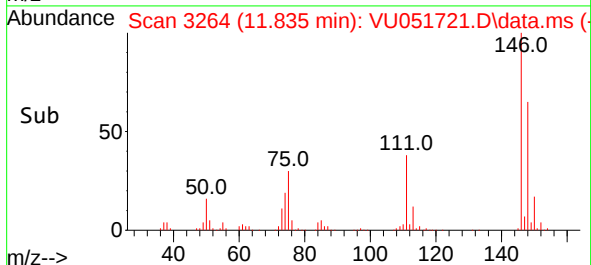
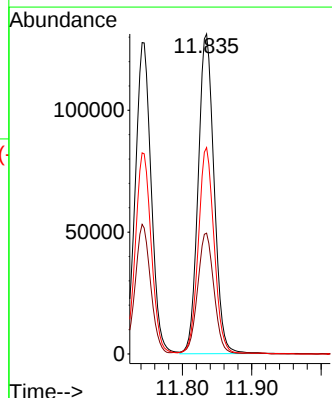
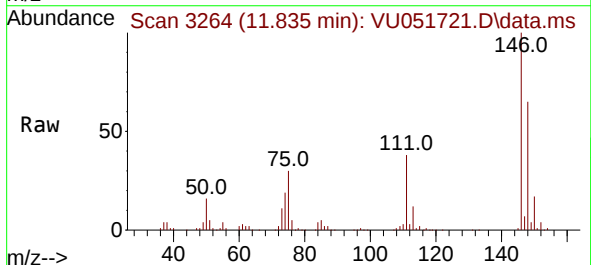
Instrument :
MSVOA_U
ClientSampleId :
DBWP7MSD

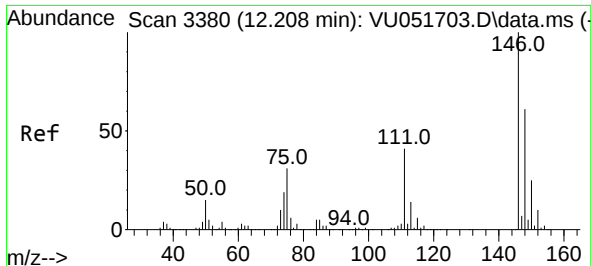
Tgt Ion:146 Resp: 203974
Ion Ratio Lower Upper
146 100
111 41.7 28.6 53.2
148 64.6 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.421 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051721.D
Acq: 03 Nov 2022 04:23

Tgt Ion:146 Resp: 209820
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.5
148 64.5 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.330 ug/L

RT: 12.211 min Scan# 3380

Delta R.T. 0.003 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MSD

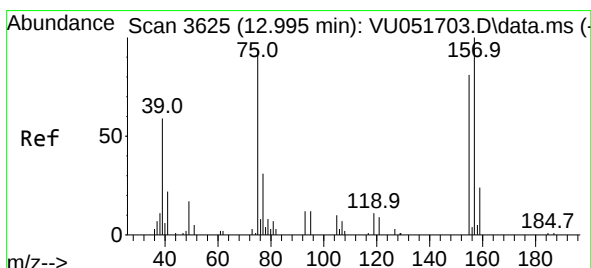
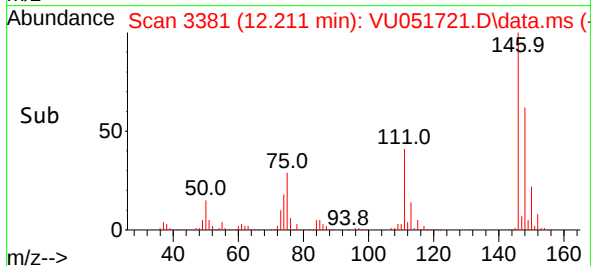
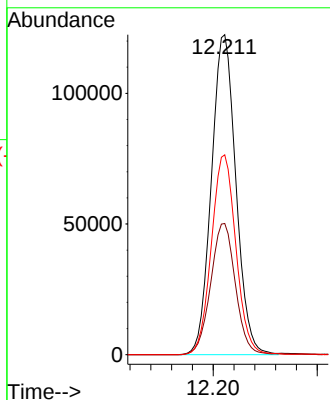
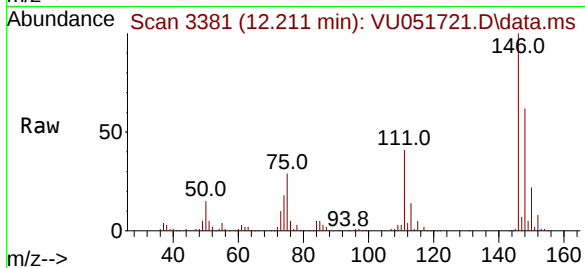
Tgt Ion:146 Resp: 200435

Ion Ratio Lower Upper

146 100

111 41.0 34.2 51.2

148 62.5 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.134 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

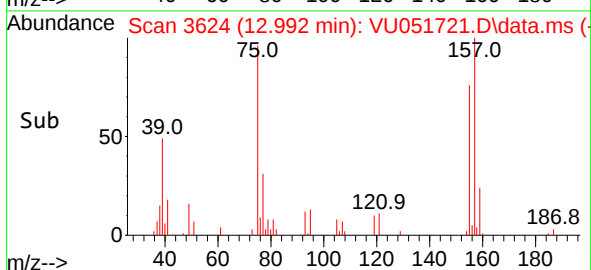
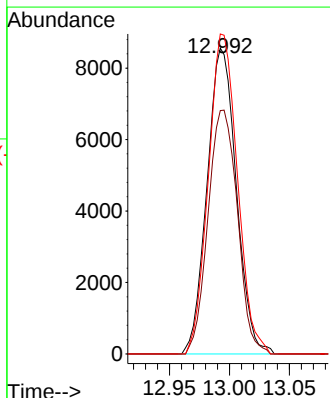
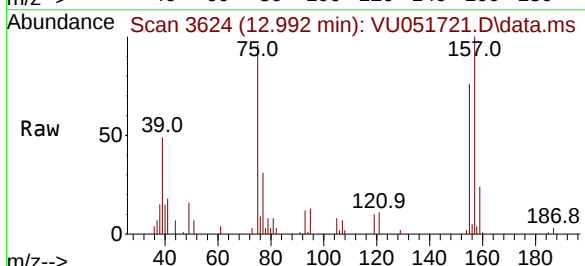
Tgt Ion: 75 Resp: 14522

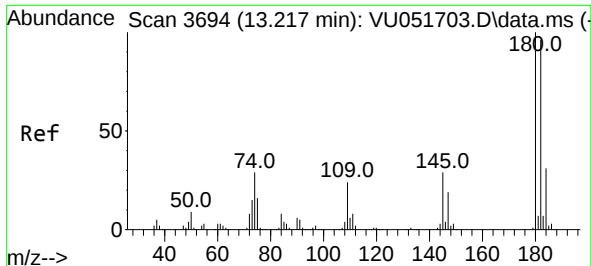
Ion Ratio Lower Upper

75 100

155 79.6 61.4 92.2

157 104.6 86.7 130.1



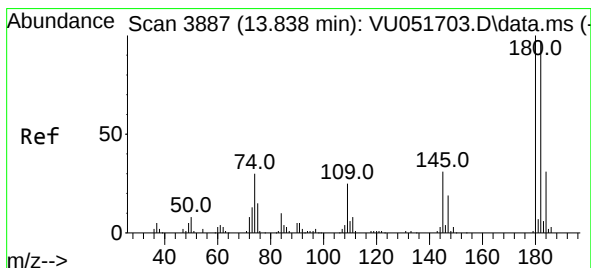
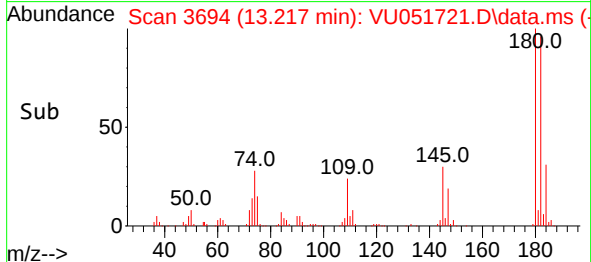
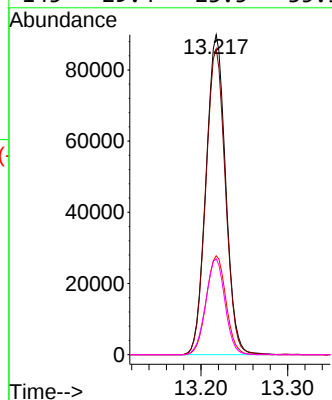
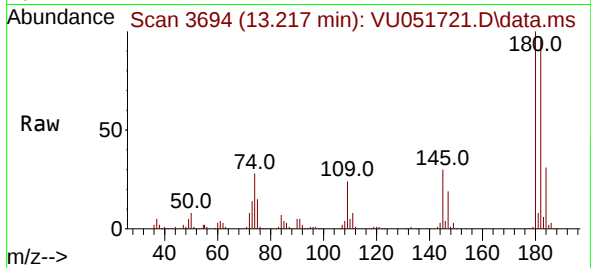


#69
 1,3,5-Trichlorobenzene
 Concen: 5.132 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051721.D
 Acq: 03 Nov 2022 04:23

Instrument :
 MSVOA_U
 ClientSampleId :
 DBWP7MSD

Tgt Ion:180 Resp: 141221

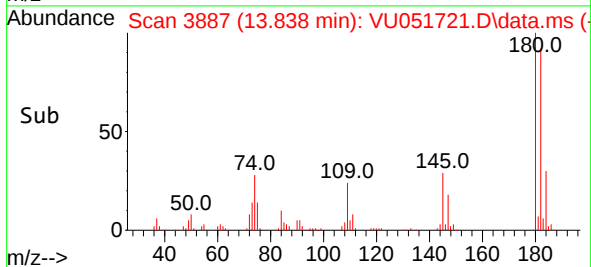
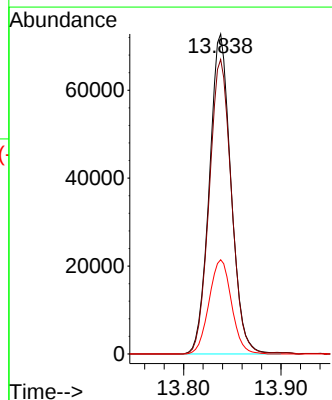
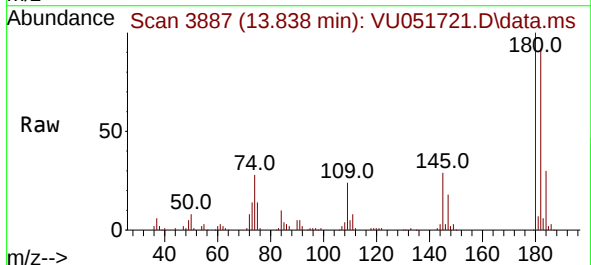
Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.6
184	31.1	23.7	35.5
145	29.4	23.5	35.3

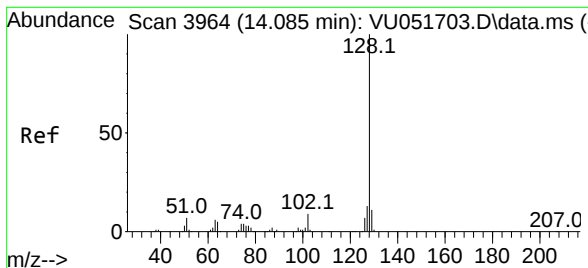


#70
 1,2,4-trichlorobenzene
 Concen: 5.323 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051721.D
 Acq: 03 Nov 2022 04:23

Tgt Ion:180 Resp: 112459

Ion	Ratio	Lower	Upper
180	100		
182	94.1	77.8	116.6
145	30.5	25.0	37.6





#71

Naphthalene

Concen: 4.939 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

DBWP7MSD

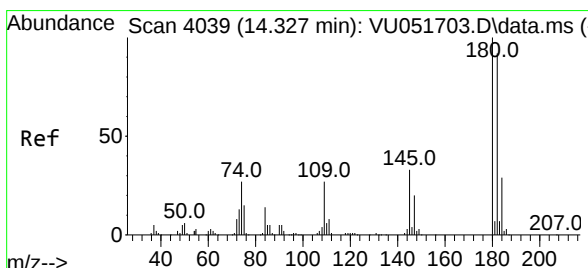
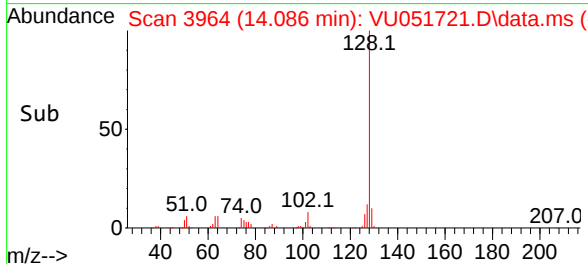
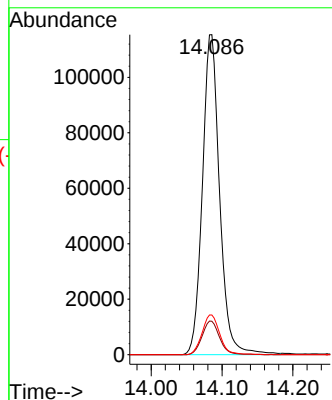
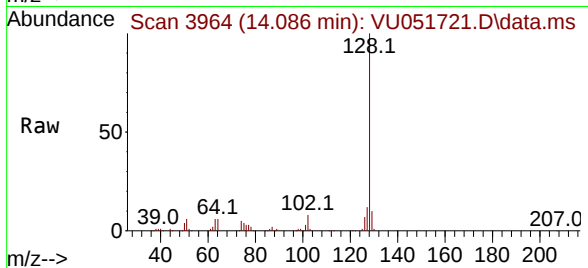
Tgt Ion:128 Resp: 194759

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

127 12.6 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.290 ug/L

RT: 14.327 min Scan# 4039

Delta R.T. 0.000 min

Lab File: VU051721.D

Acq: 03 Nov 2022 04:23

Tgt Ion:180 Resp: 112847

Ion Ratio Lower Upper

180 100

182 95.1 76.1 114.1

145 32.8 25.6 38.4

