

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051933.D
 Acq On : 19 Nov 2022 04:54
 Operator : JC/MD
 Sample : N5685-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW701MSD

Quant Time: Nov 19 05:49:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	240308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	241961	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	120531	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	110500	4.727	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.906	69	87600	4.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.565	65	38864	4.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.616	46	205187	48.428	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.860%
24) Chloroform-d	5.060	84	167596	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.700	65	83192	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.726	84	349463	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.687	67	108375	4.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	320474	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.179	79	38148	4.709	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.629	63	176813	51.502	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.000%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96159	4.989	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	111313	4.824	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	107209	5.144	ug/L	99
3) Chloromethane	1.526	50	137311	5.048	ug/L	99
5) Vinyl chloride	1.604	62	136795	5.234	ug/L	98
6) Bromomethane	1.845	94	70537	5.260	ug/L	98
8) Chloroethane	1.928	64	79837	4.913	ug/L	97
9) Trichlorofluoromethane	2.137	101	148443	5.163	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	85546	4.867	ug/L	100
12) 1,1-Dichloroethene	2.578	96	87549	5.022	ug/L	94
13) Acetone	2.620	43	140907	48.974	ug/L	99
14) Carbon disulfide	2.793	76	291525	4.831	ug/L	100
15) Methyl Acetate	2.948	43	33384	4.473	ug/L	99
16) Methylene chloride	3.044	84	112159	4.756	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	199887	5.122	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	94180	5.040	ug/L	95
19) 1,1-Dichloroethane	3.867	63	174926	5.194	ug/L	99
21) 2-Butanone	4.697	43	232760	50.474	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	101805	5.191	ug/L	95
23) Bromochloromethane	4.973	128	49874	5.315	ug/L	98
25) Chloroform	5.086	83	180625	5.293	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051933.D
 Acq On : 19 Nov 2022 04:54
 Operator : JC/MD
 Sample : N5685-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW701MSD

Quant Time: Nov 19 05:49:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

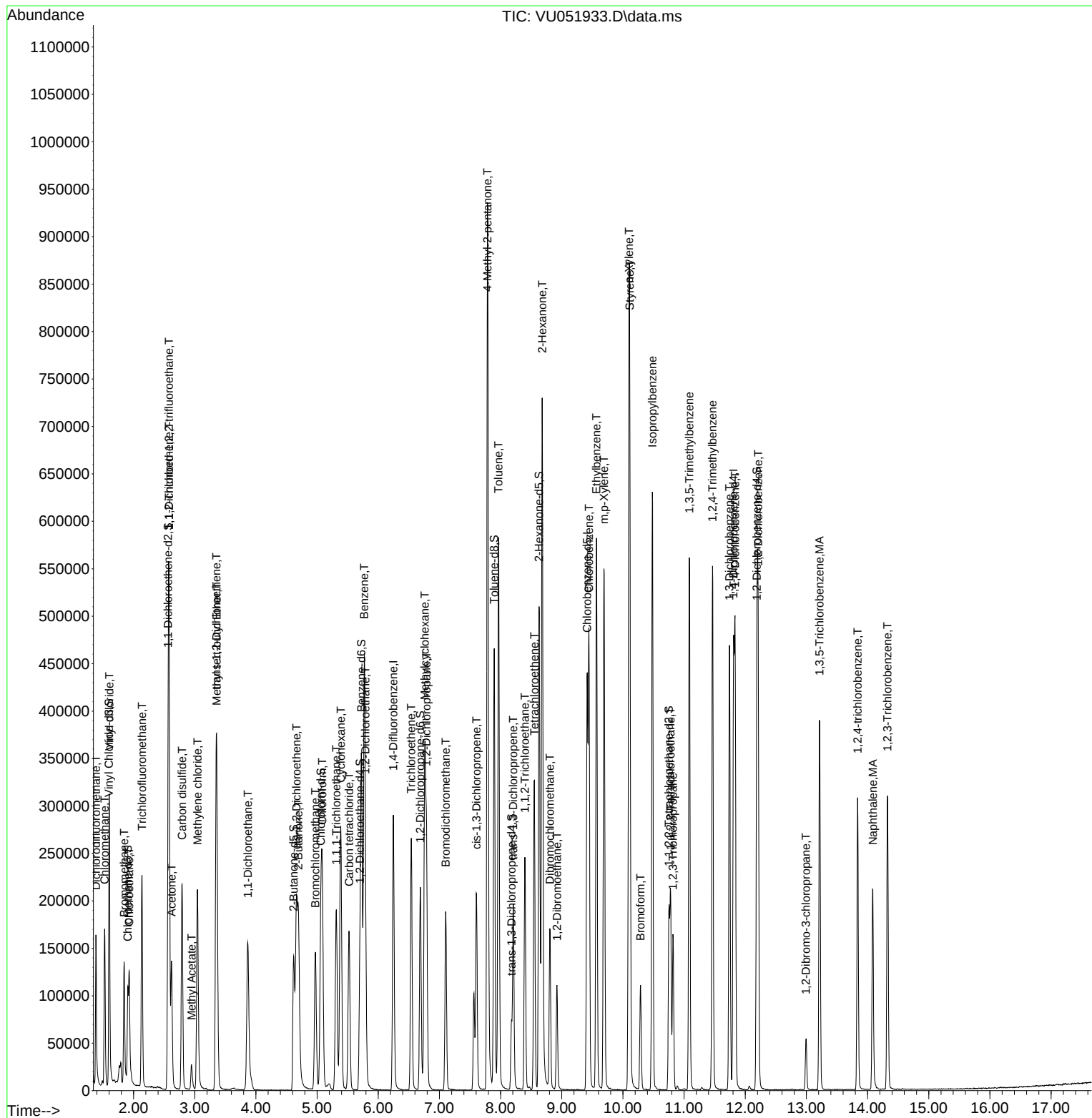
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	109242	5.226	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	136269	5.076	ug/L	98
30) Cyclohexane	5.388	56	131293	5.037	ug/L	99
31) Carbon tetrachloride	5.523	117	116033	5.087	ug/L	100
33) Benzene	5.771	78	411666	5.228	ug/L	100
34) Trichloroethene	6.539	95	94444	4.809	ug/L	98
35) Methylcyclohexane	6.761	83	132333	4.684	ug/L	97
37) 1,2-Dichloropropane	6.787	63	103954	5.099	ug/L	99
38) Bromodichloromethane	7.102	83	125358	5.043	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	129019	4.929	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	585237	54.952	ug/L	99
42) Toluene	7.967	91	434826	5.368	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	112273	5.009	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	78989	5.155	ug/L	98
47) Tetrachloroethene	8.552	164	74797	4.969	ug/L	98
48) 2-Hexanone	8.680	43	442507	56.676	ug/L	99
49) Dibromochloromethane	8.806	129	88701	5.169	ug/L	98
50) 1,2-Dibromoethane	8.922	107	73367	5.257	ug/L	99
51) Chlorobenzene	9.446	112	267224	5.174	ug/L	98
52) Ethylbenzene	9.568	91	407645	5.177	ug/L	98
53) m,p-Xylene	9.690	106	164338	5.389	ug/L	98
54) o-Xylene	10.098	106	163928	5.609	ug/L	98
55) Styrene	10.111	104	274367	5.558	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	103123	5.389	ug/L	97
59) Bromoform	10.288	173	50753	5.112	ug/L	95
60) Isopropylbenzene	10.481	105	400190	5.286	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	70311	5.097	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	305235	5.043	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	310265	5.165	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	194388	5.028	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	192341	4.989	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	191719	5.150	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.992	75	14315	4.742	ug/L	96
69) 1,3,5-Trichlorobenzene	13.214	180	124780	4.552	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	97301	4.661	ug/L	98
71) Naphthalene	14.085	128	182299	4.652	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	99826	4.861	ug/L	98

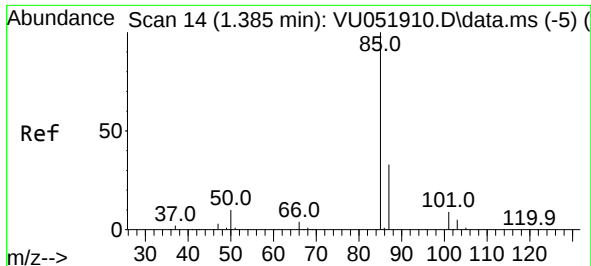
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051933.D
 Acq On : 19 Nov 2022 04:54
 Operator : JC/MD
 Sample : N5685-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW701MSD

Quant Time: Nov 19 05:49:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

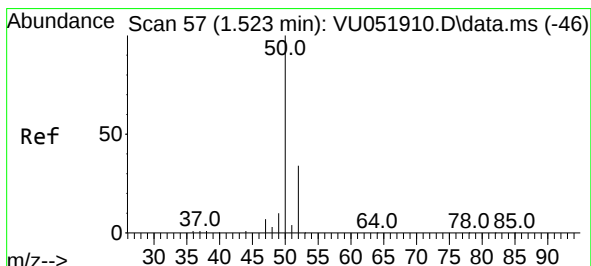
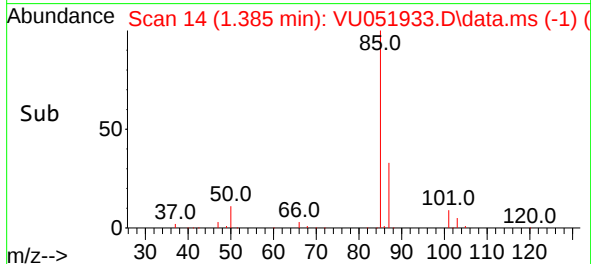
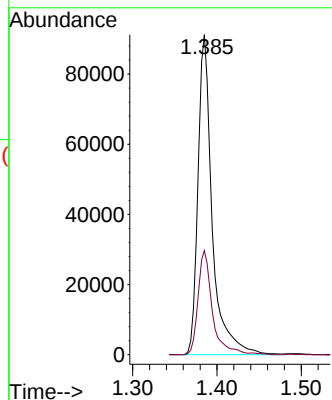
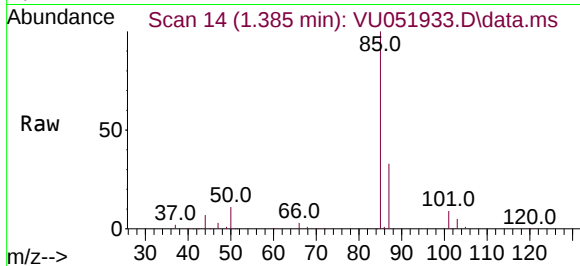




#2
Dichlorodifluoromethane
Concen: 5.144 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

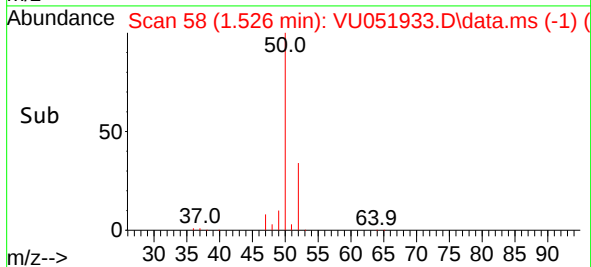
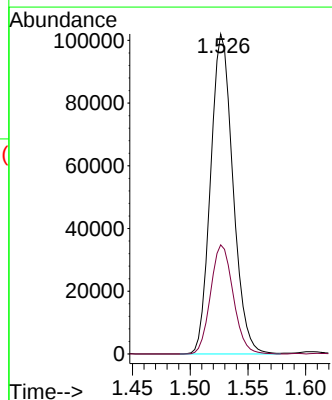
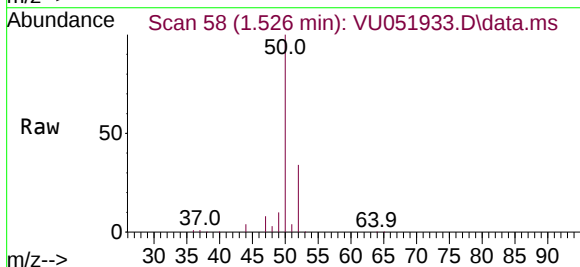
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

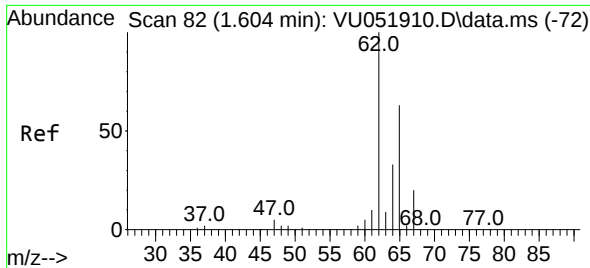
Tgt Ion: 85 Resp: 107209
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 5.048 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 50 Resp: 137311
Ion Ratio Lower Upper
50 100
52 34.1 23.4 43.4

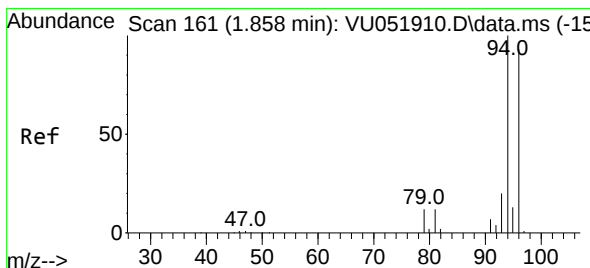
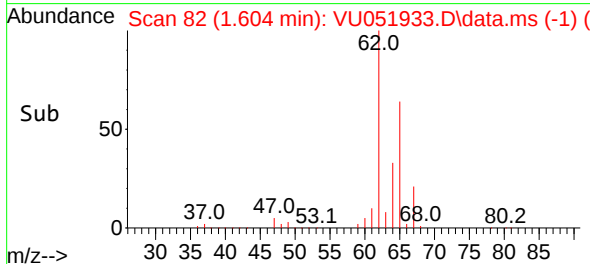
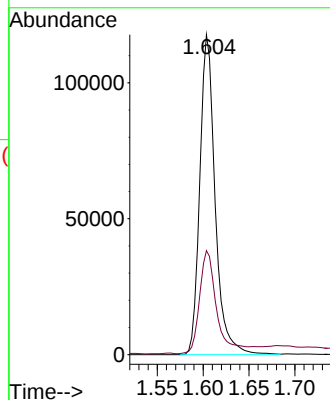
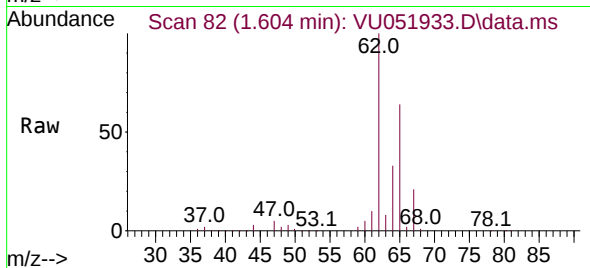




#5
 Vinyl chloride
 Concen: 5.234 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051933.D
 Acq: 19 Nov 2022 04:54

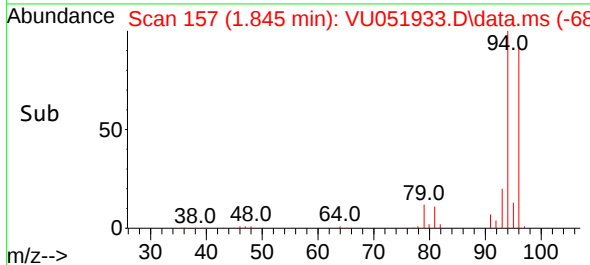
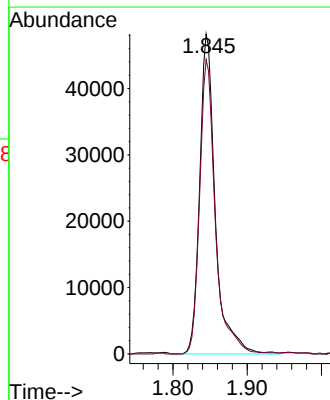
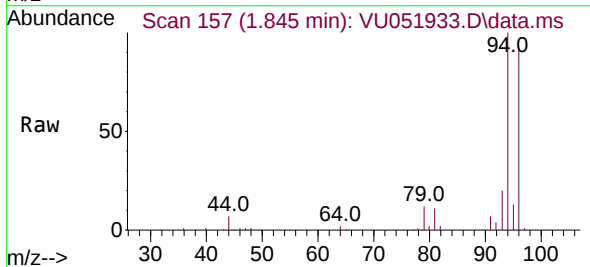
Instrument :
 MSVOA_U
 ClientSampleId :
 EW701MSD

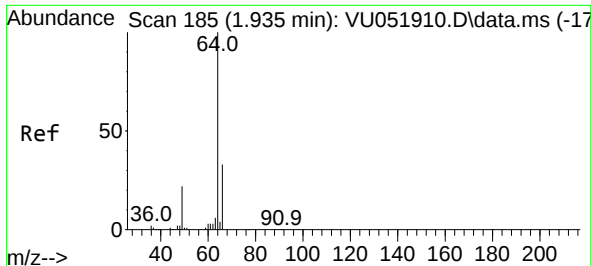
Tgt Ion: 62 Resp: 136795
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.5 43.7



#6
 Bromomethane
 Concen: 5.260 ug/L
 RT: 1.845 min Scan# 157
 Delta R.T. -0.013 min
 Lab File: VU051933.D
 Acq: 19 Nov 2022 04:54

Tgt Ion: 94 Resp: 70537
 Ion Ratio Lower Upper
 94 100
 96 92.0 65.7 122.1

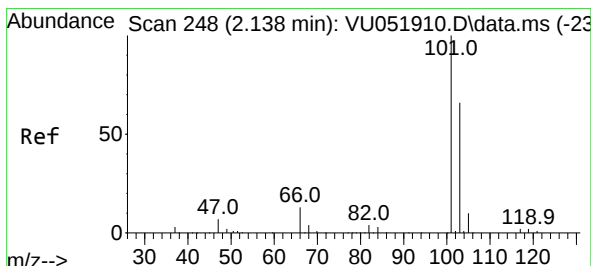
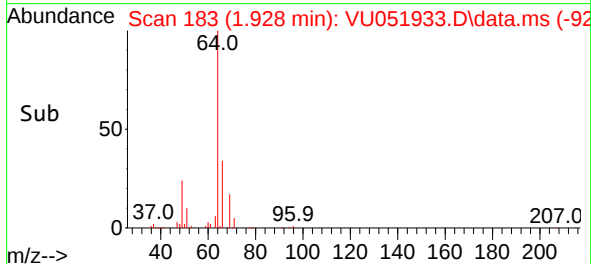
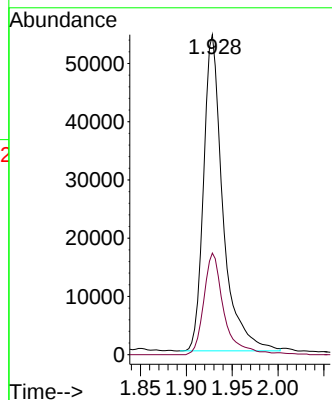
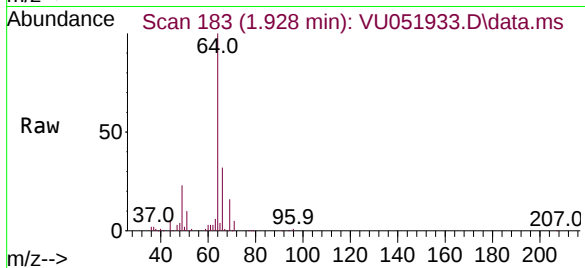




#8
Chloroethane
Concen: 4.913 ug/L
RT: 1.928 min Scan# 185
Delta R.T. -0.007 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

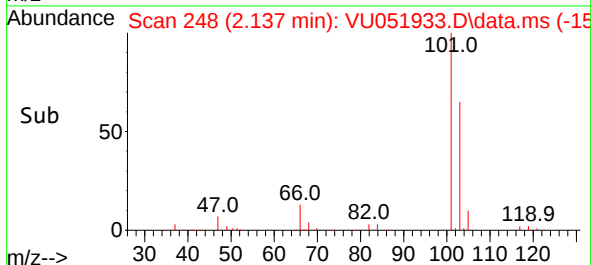
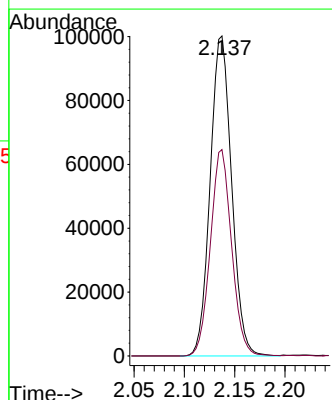
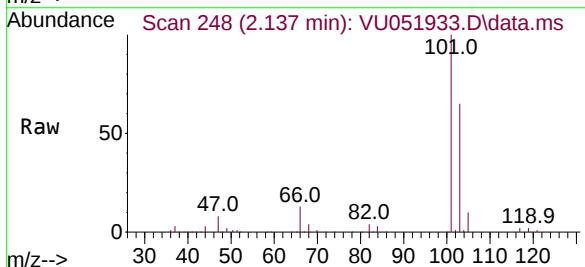
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

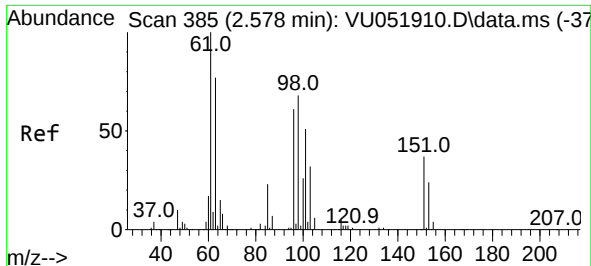
Tgt Ion: 64 Resp: 79837
Ion Ratio Lower Upper
64 100
66 31.8 21.1 39.1



#9
Trichlorofluoromethane
Concen: 5.163 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion:101 Resp: 148443
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

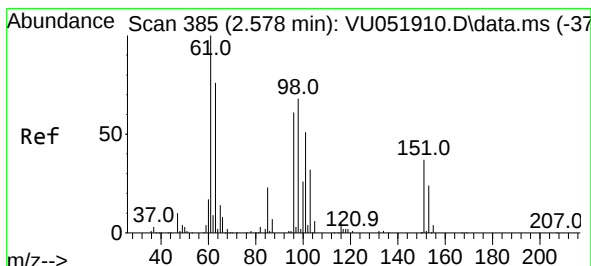
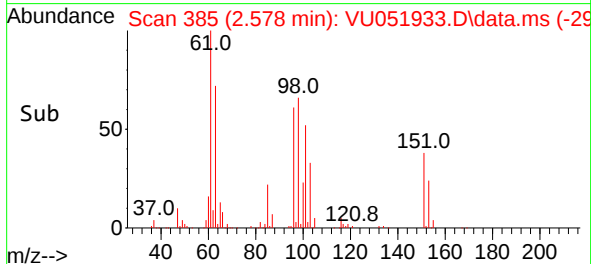
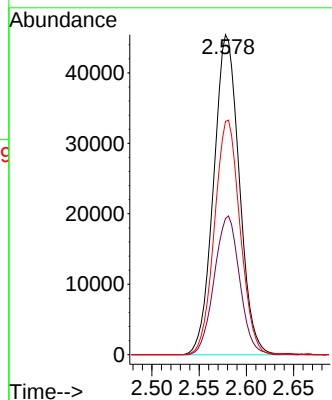
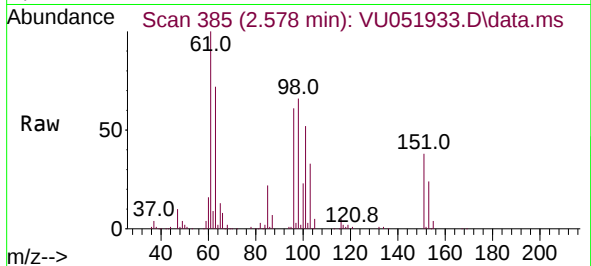




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.867 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051933.D
 Acq: 19 Nov 2022 04:54

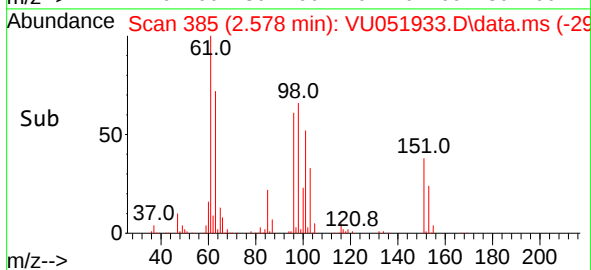
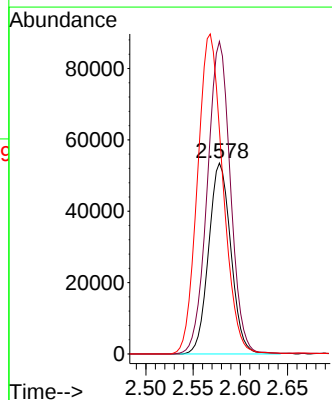
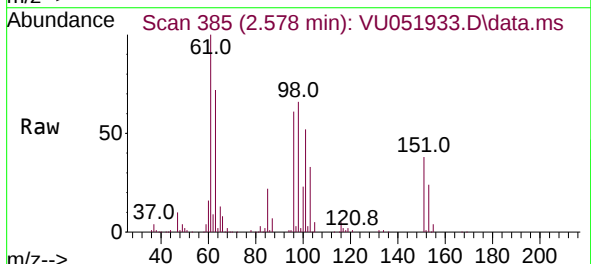
Instrument :
 MSVOA_U
 ClientSampleId :
 EW701MSD

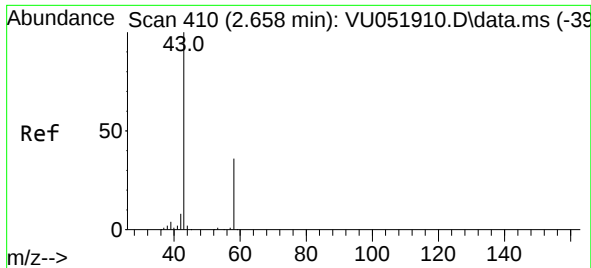
Tgt Ion:101 Resp: 85546
 Ion Ratio Lower Upper
 101 100
 85 42.9 33.8 50.6
 151 73.2 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 5.022 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051933.D
 Acq: 19 Nov 2022 04:54

Tgt Ion: 96 Resp: 87549
 Ion Ratio Lower Upper
 96 100
 61 163.7 114.8 213.2
 63 117.4 93.7 174.1





#13

Acetone

Concen: 48.974 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.039 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

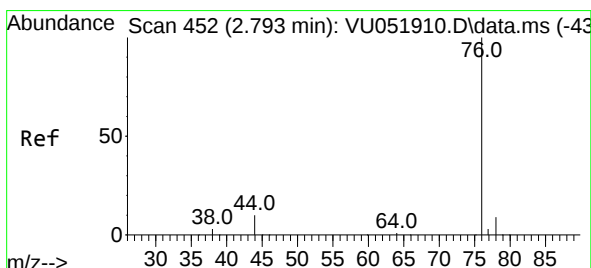
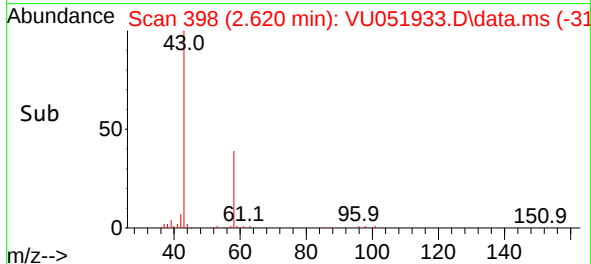
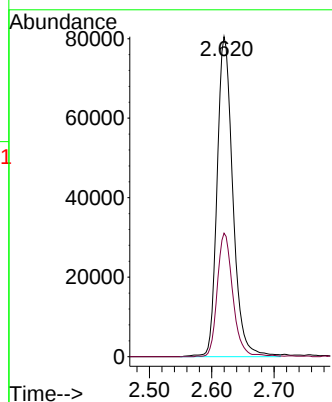
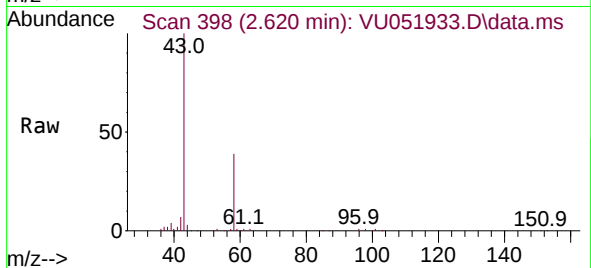
EW701MSD

Tgt Ion: 43 Resp: 140907

Ion Ratio Lower Upper

43 100

58 37.5 0.0 76.0



#14

Carbon disulfide

Concen: 4.831 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051933.D

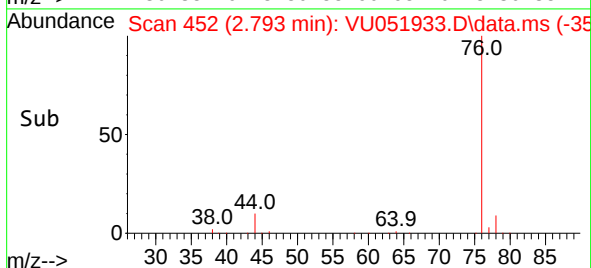
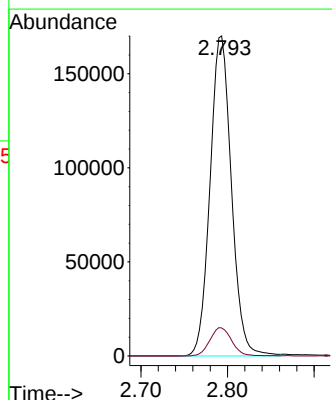
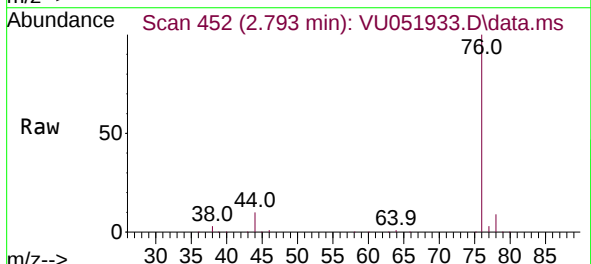
Acq: 19 Nov 2022 04:54

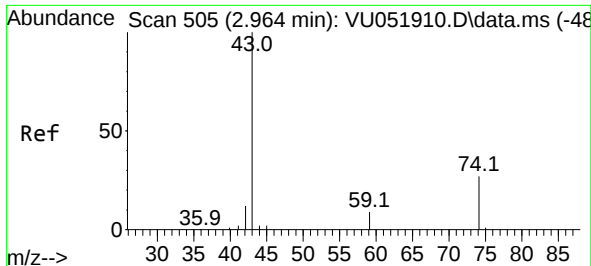
Tgt Ion: 76 Resp: 291525

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4

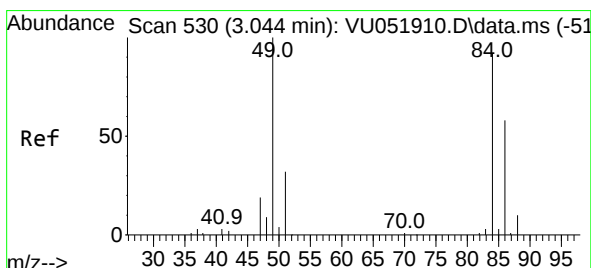
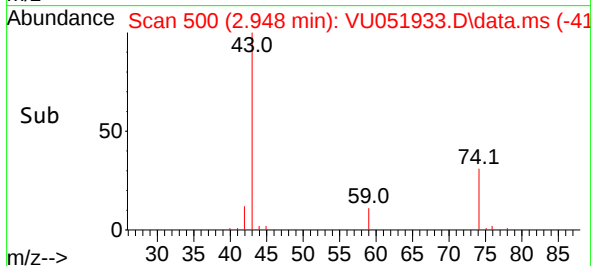
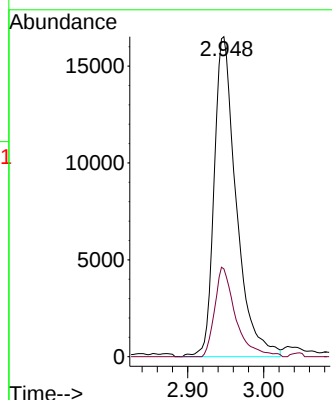
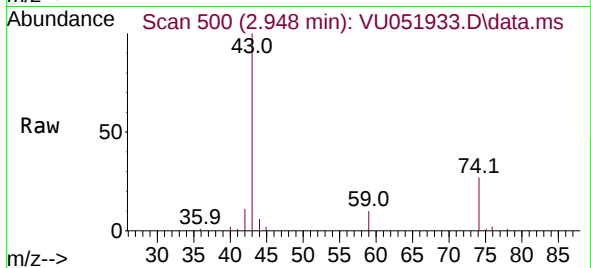




#15
Methyl Acetate
Concen: 4.473 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.016 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

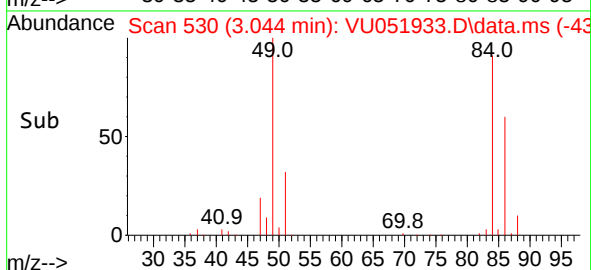
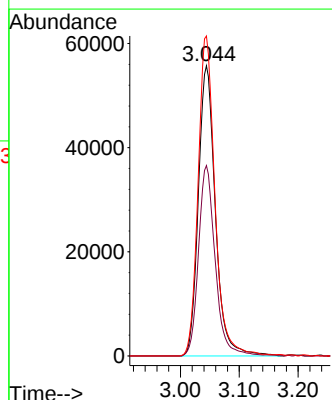
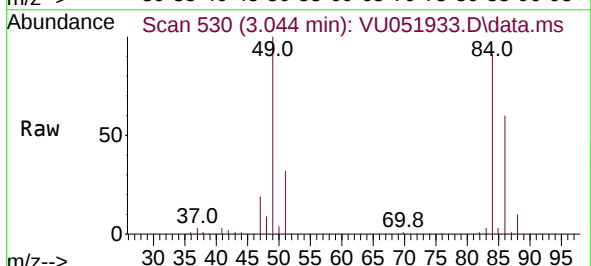
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

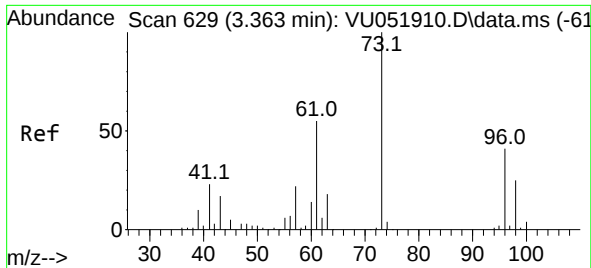
Tgt Ion: 43 Resp: 33384
Ion Ratio Lower Upper
43 100
74 26.3 21.3 31.9



#16
Methylene chloride
Concen: 4.756 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 84 Resp: 112159
Ion Ratio Lower Upper
84 100
86 65.6 43.8 81.4
49 110.2 75.9 141.1

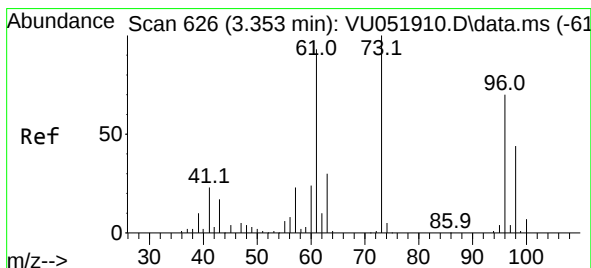
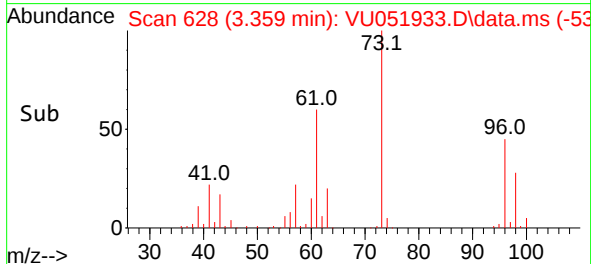
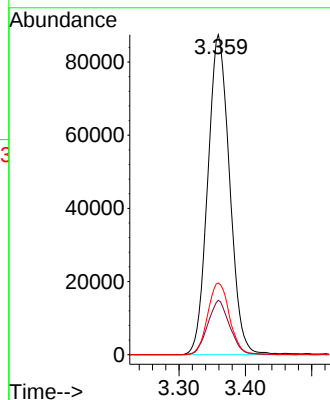
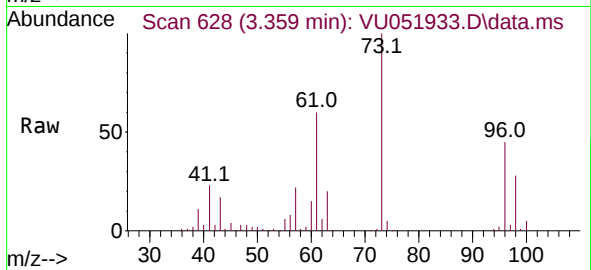




#17
Methyl tert-butyl Ether
Concen: 5.122 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

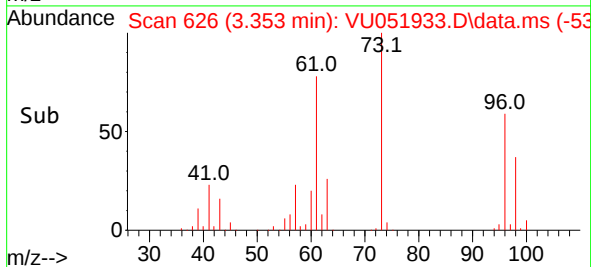
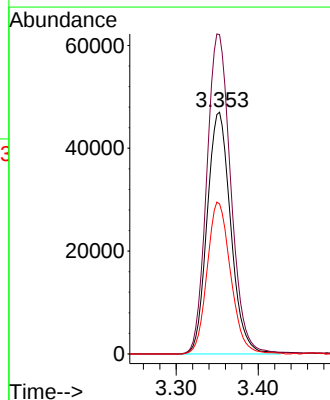
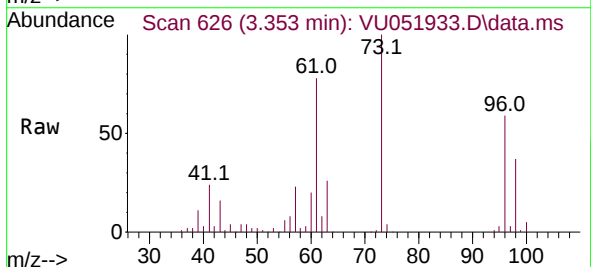
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

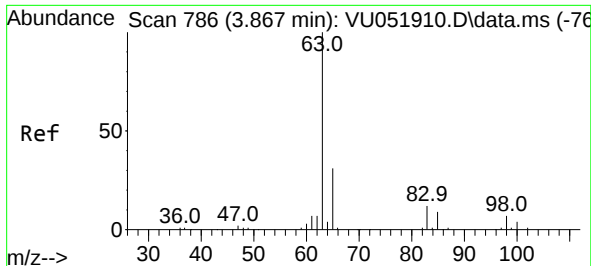
Tgt Ion: 73 Resp: 199887
Ion Ratio Lower Upper
73 100
43 17.1 13.2 19.8
57 22.4 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 5.040 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 96 Resp: 94180
Ion Ratio Lower Upper
96 100
61 132.1 97.9 181.7
98 62.1 43.8 81.3

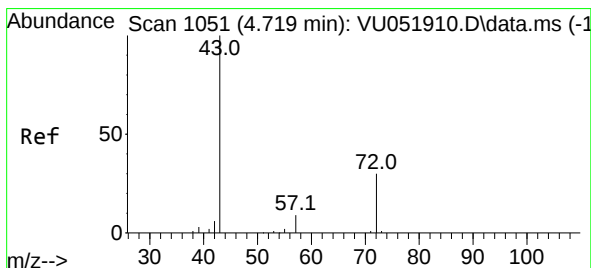
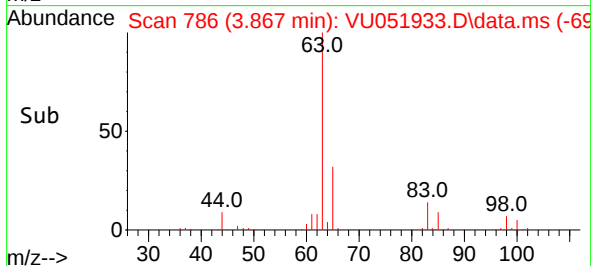
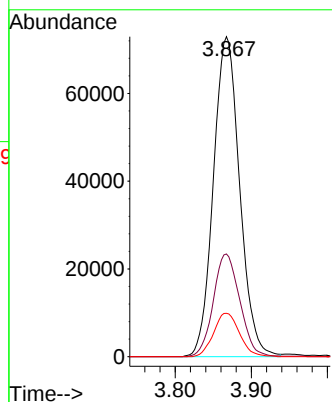
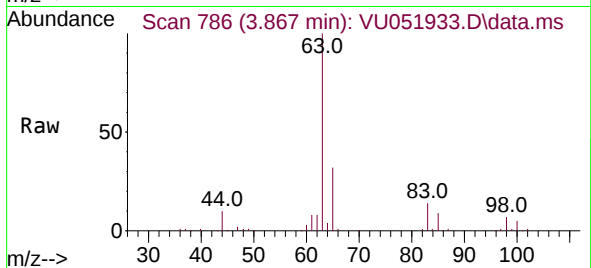




#19
1,1-Dichloroethane
Concen: 5.194 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

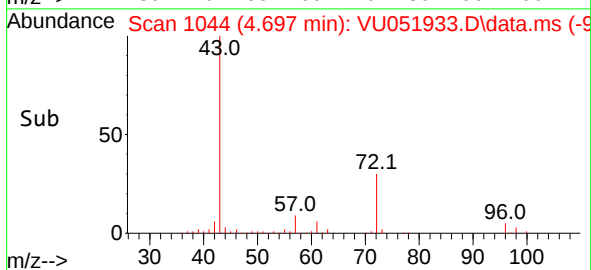
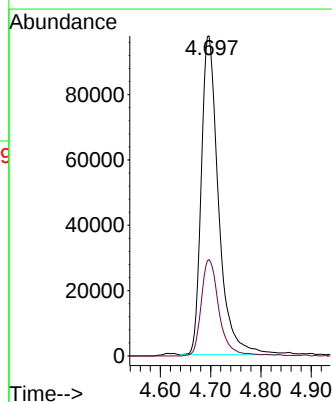
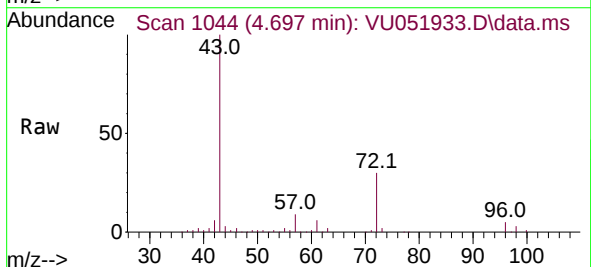
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

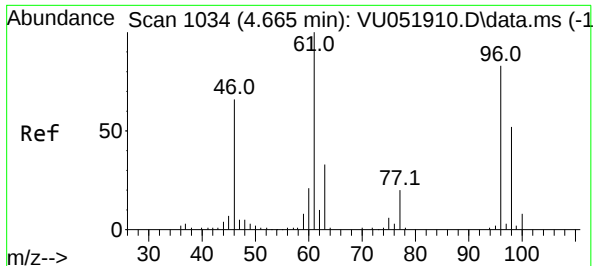
Tgt Ion: 63 Resp: 174926
Ion Ratio Lower Upper
63 100
65 32.1 22.2 41.2
83 13.6 9.2 17.0



#21
2-Butanone
Concen: 50.474 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.023 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 43 Resp: 232760
Ion Ratio Lower Upper
43 100
72 31.0 15.6 46.8



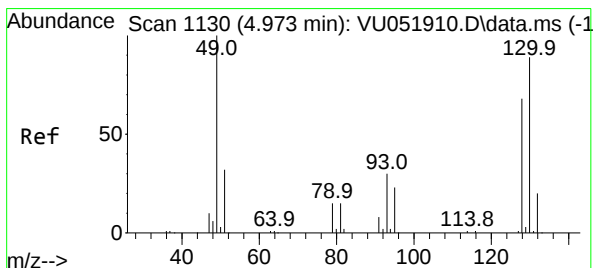
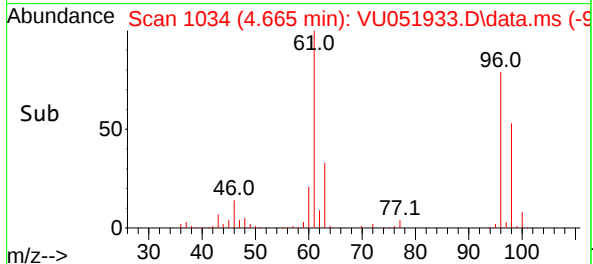
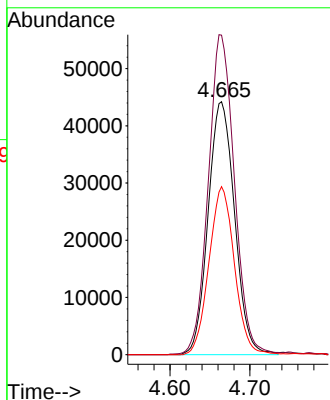
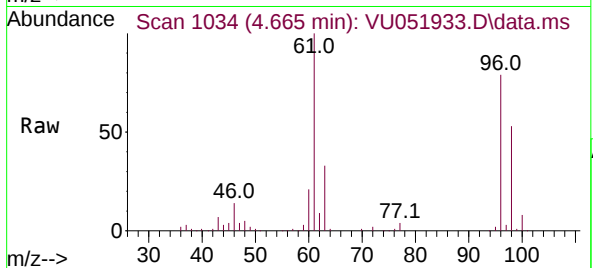


#22
 cis-1,2-Dichloroethene
 Concen: 5.191 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051933.D
 Acq: 19 Nov 2022 04:54

Instrument :
 MSVOA_U
 ClientSampleId :
 EW701MSD

Tgt Ion: 96 Resp: 101805

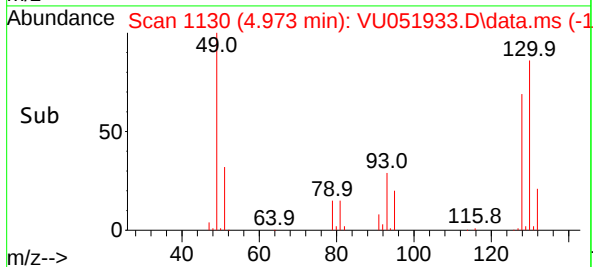
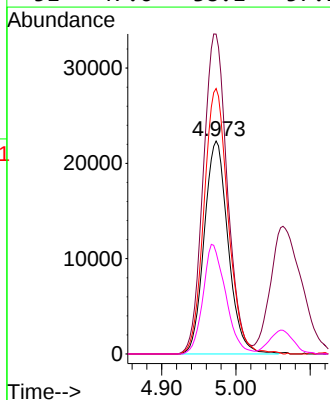
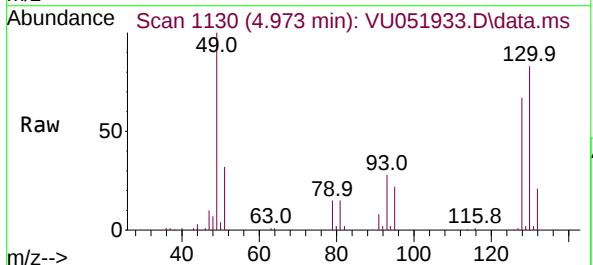
Ion	Ratio	Lower	Upper
96	100		
61	126.3	85.1	158.1
98	66.4	42.8	79.6

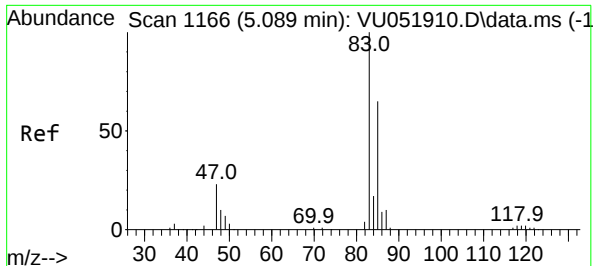


#23
 Bromochloromethane
 Concen: 5.315 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051933.D
 Acq: 19 Nov 2022 04:54

Tgt Ion: 128 Resp: 49874

Ion	Ratio	Lower	Upper
128	100		
49	150.3	104.0	193.2
130	124.7	84.6	157.2
51	47.6	38.1	57.1





#25

Chloroform

Concen: 5.293 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

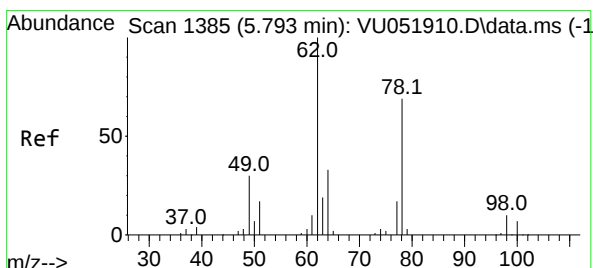
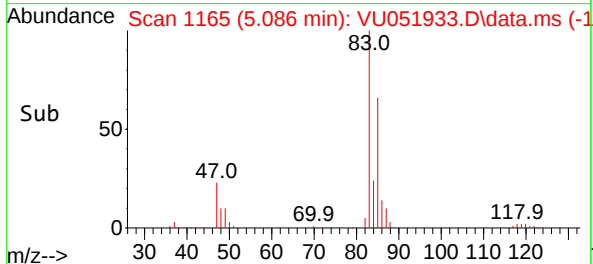
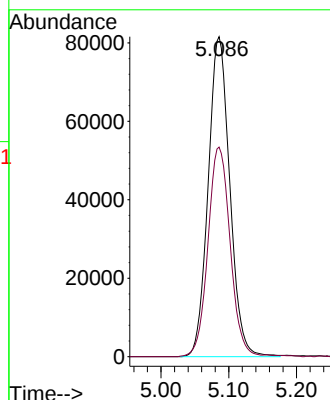
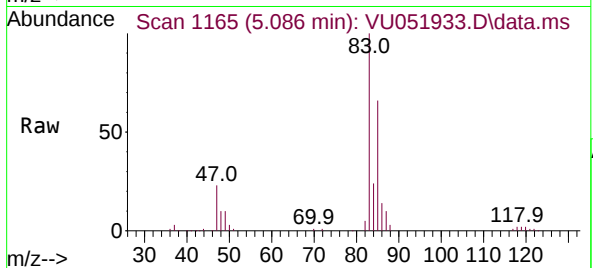
EW701MSD

Tgt Ion: 83 Resp: 180625

Ion Ratio Lower Upper

83 100

85 65.5 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.226 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051933.D

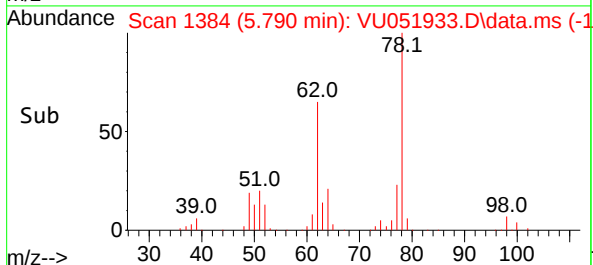
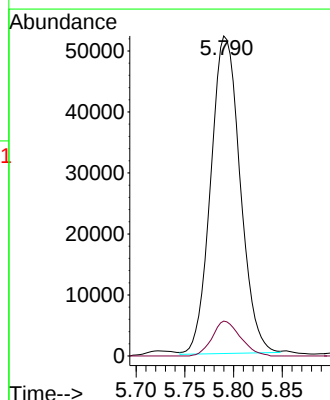
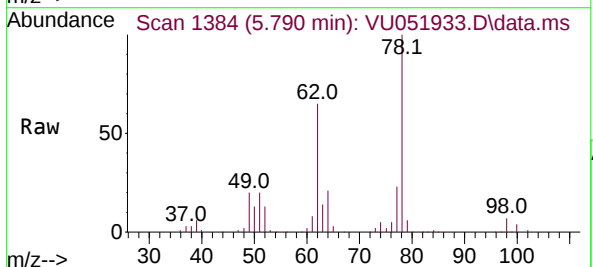
Acq: 19 Nov 2022 04:54

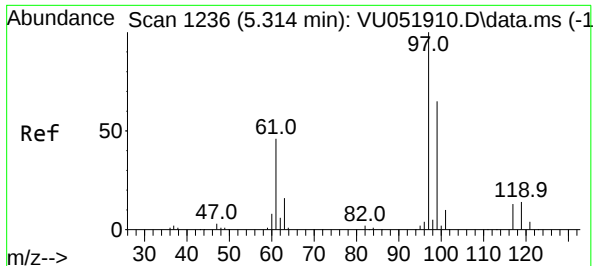
Tgt Ion: 62 Resp: 109242

Ion Ratio Lower Upper

62 100

98 10.9 8.4 12.6

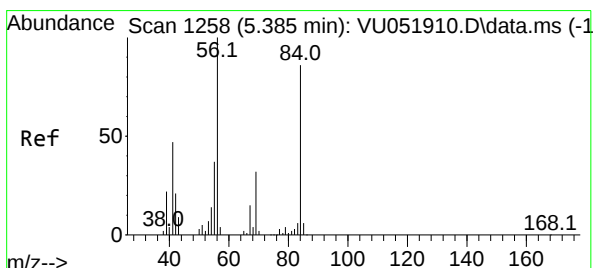
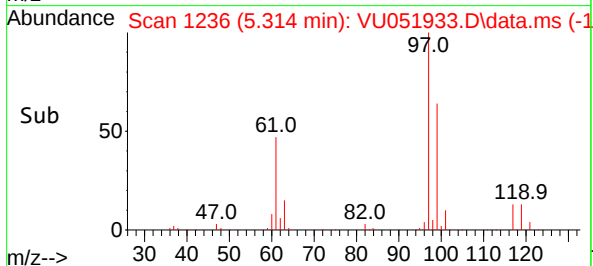
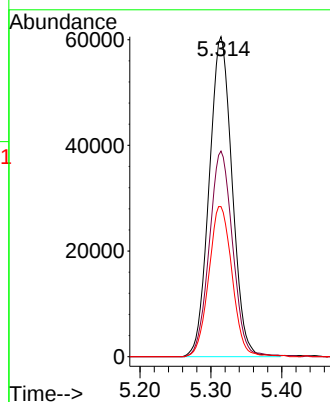
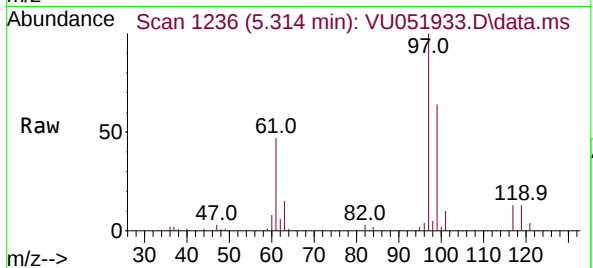




#29
1,1,1-Trichloroethane
Concen: 5.076 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

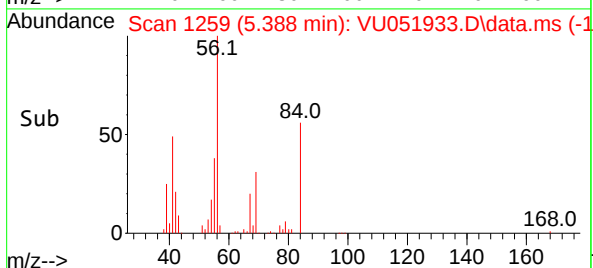
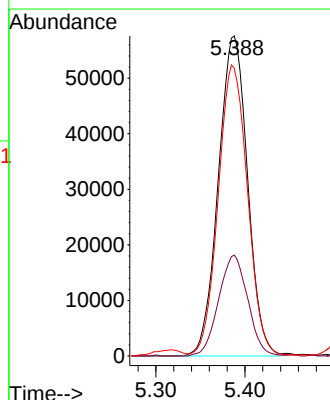
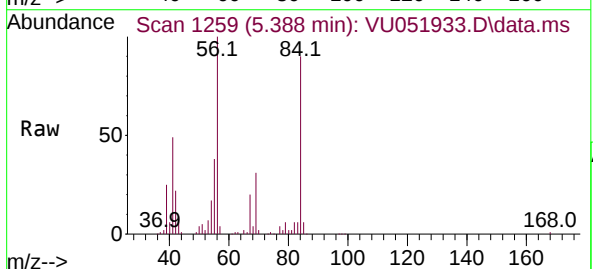
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

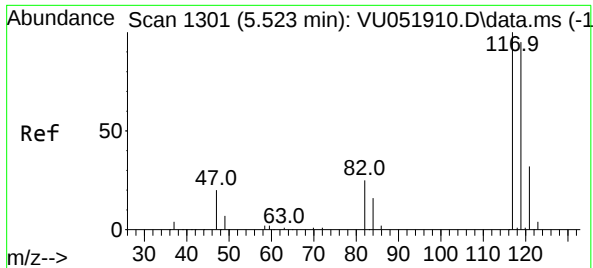
Tgt Ion: 97 Resp: 136269
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.6
61 47.3 36.9 55.3



#30
Cyclohexane
Concen: 5.037 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 56 Resp: 131293
Ion Ratio Lower Upper
56 100
69 31.3 25.6 38.4
84 91.4 72.0 108.0

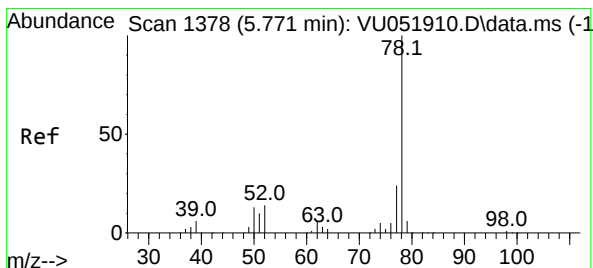
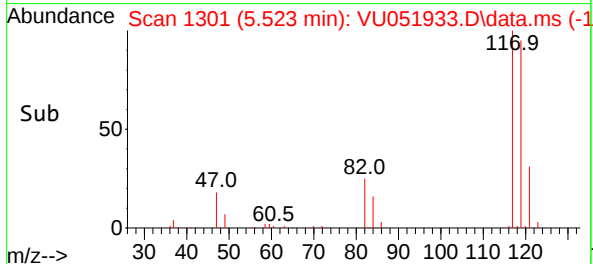
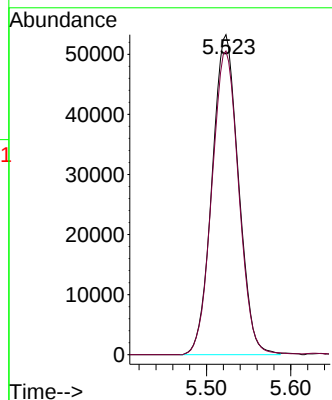
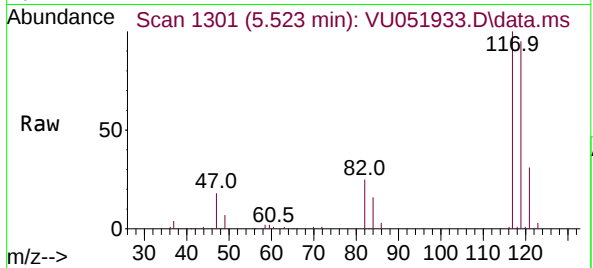




#31
Carbon tetrachloride
Concen: 5.087 ug/L
RT: 5.523 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

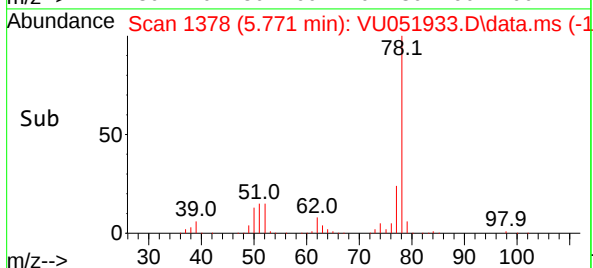
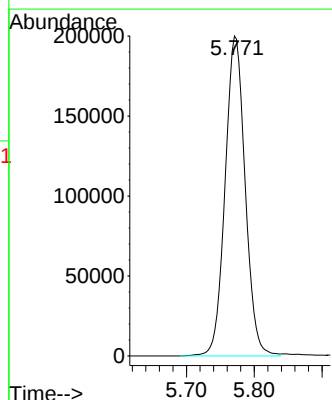
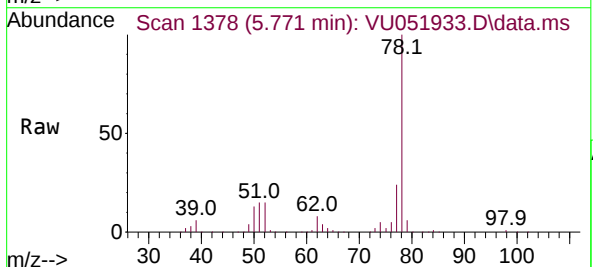
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

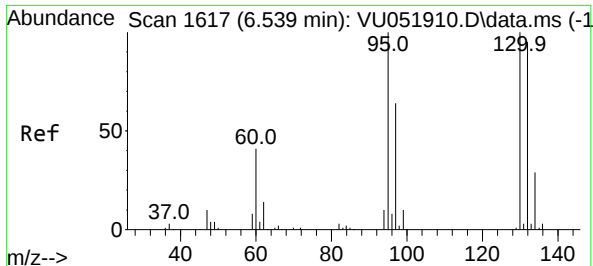
Tgt Ion:117 Resp: 116033
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 5.228 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 78 Resp: 411666



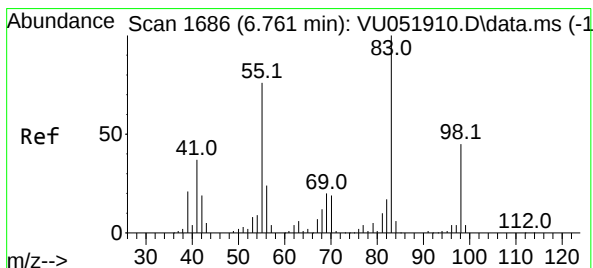
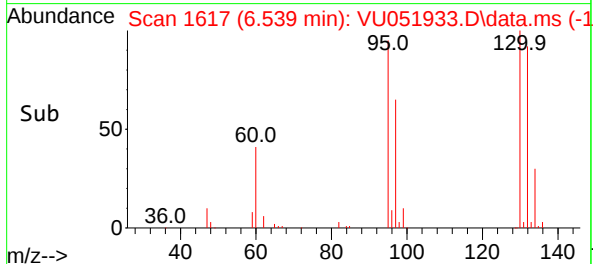
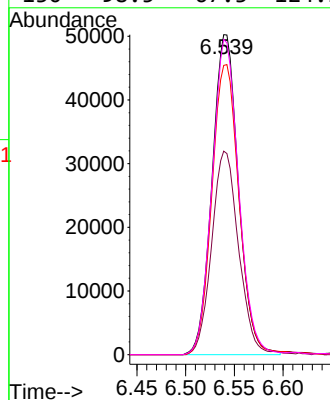
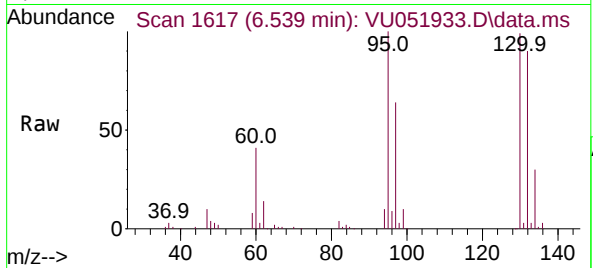


#34
Trichloroethene
Concen: 4.809 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

Tgt Ion: 95 Resp: 94444

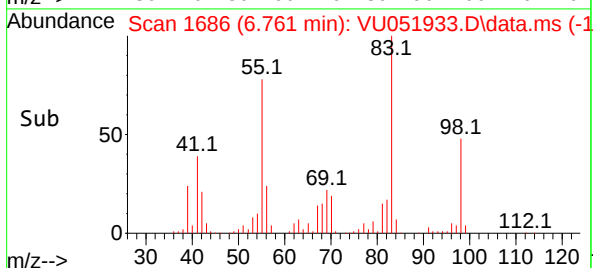
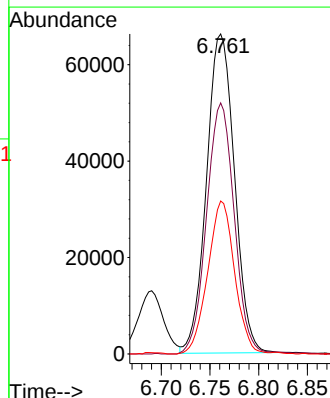
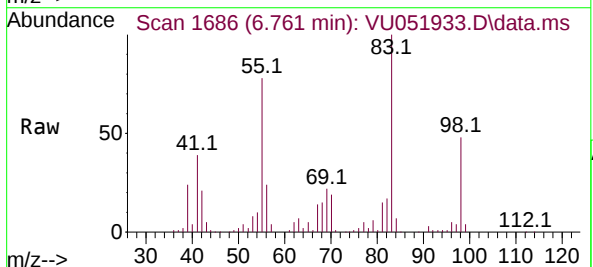
Ion	Ratio	Lower	Upper
95	100		
97	63.6	43.7	81.1
132	90.4	64.3	119.3
130	98.5	67.3	124.9

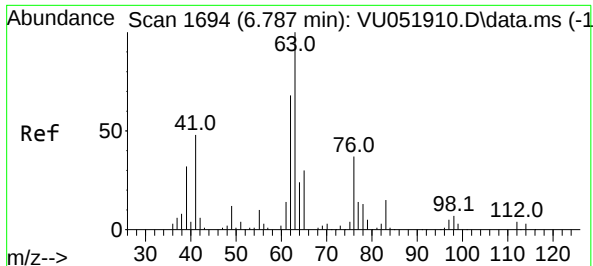


#35
Methylcyclohexane
Concen: 4.684 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 83 Resp: 132333

Ion	Ratio	Lower	Upper
83	100		
55	77.9	60.8	91.2
98	45.9	35.1	52.7

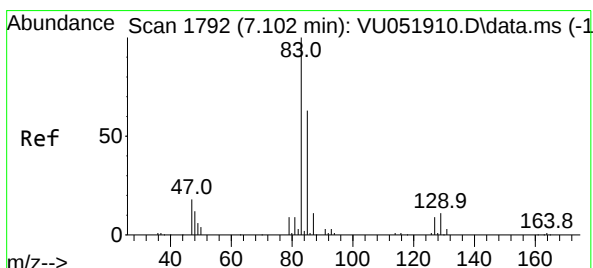
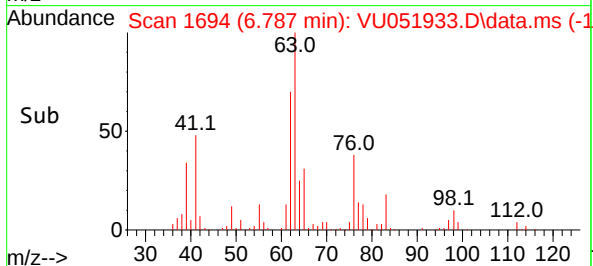
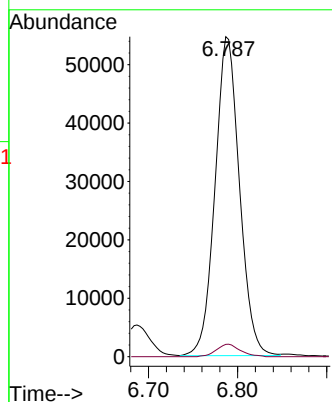
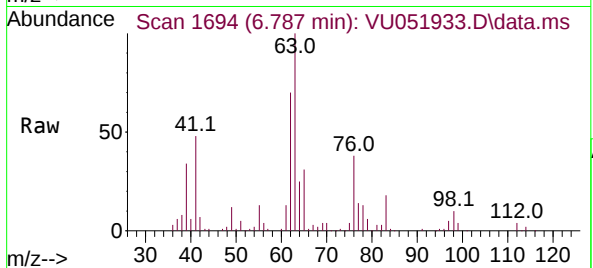




#37
1,2-Dichloropropane
Concen: 5.099 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

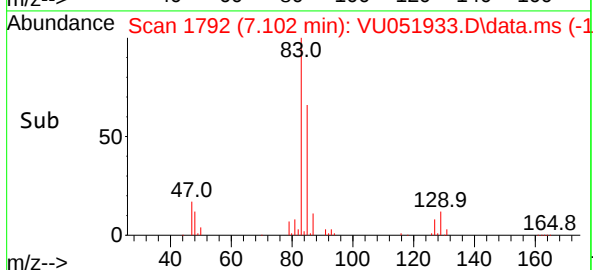
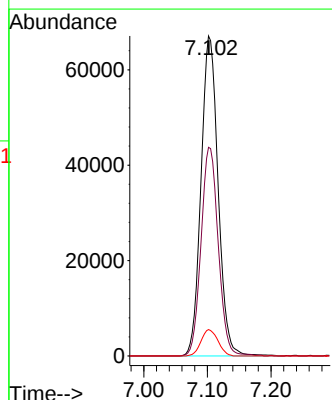
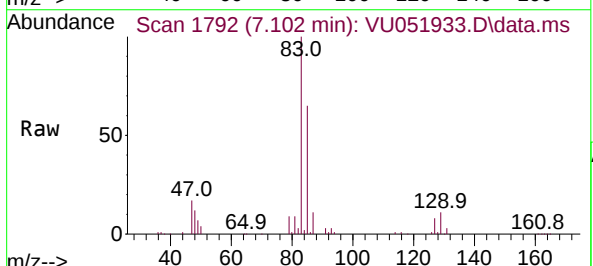
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

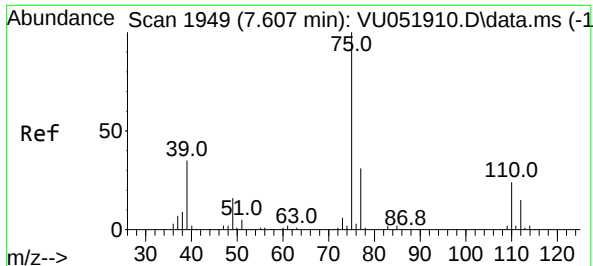
Tgt Ion: 63 Resp: 103954
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 5.043 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 83 Resp: 125358
Ion Ratio Lower Upper
83 100
85 65.2 43.5 80.9
127 8.2 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.929 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

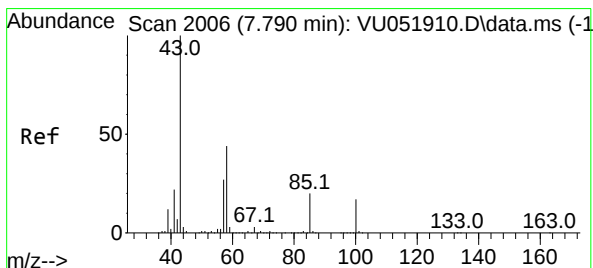
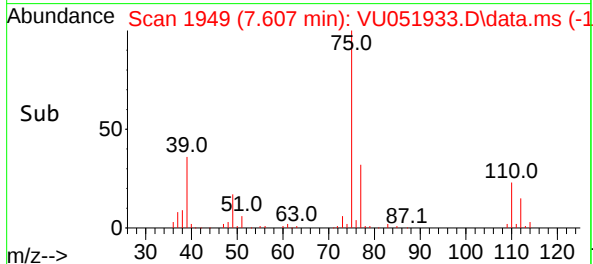
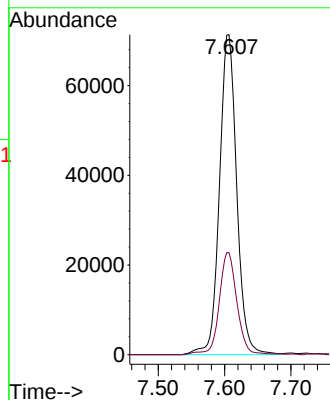
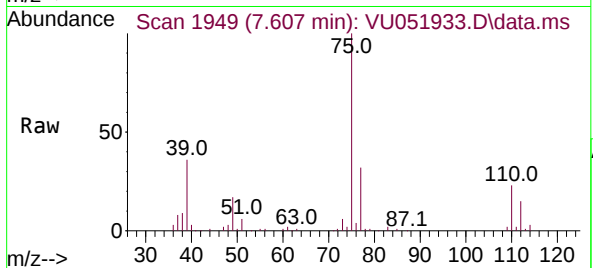
EW701MSD

Tgt Ion: 75 Resp: 129019

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 54.952 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

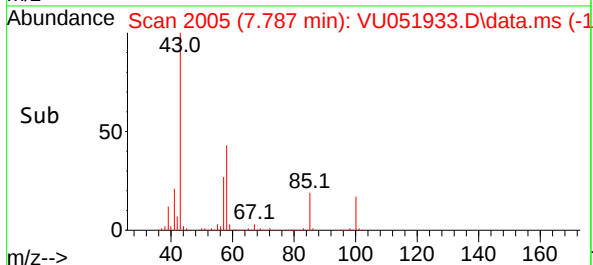
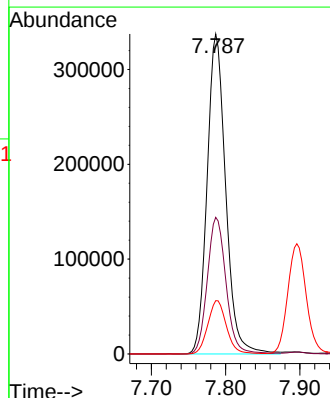
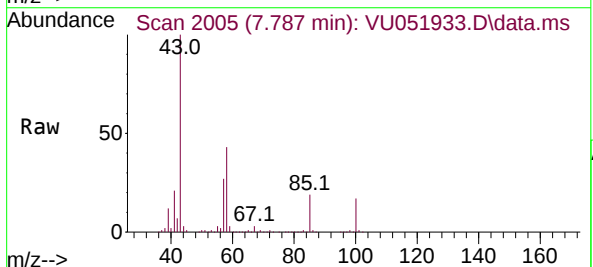
Tgt Ion: 43 Resp: 585237

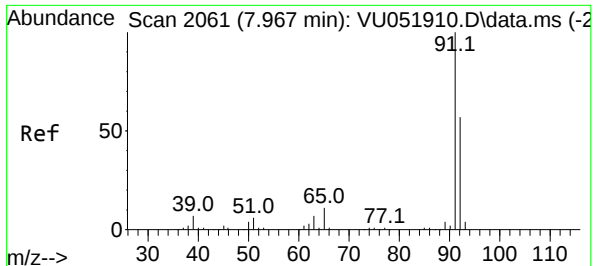
Ion Ratio Lower Upper

43 100

58 43.0 35.3 52.9

100 16.7 13.6 20.4





#42

Toluene

Concen: 5.368 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

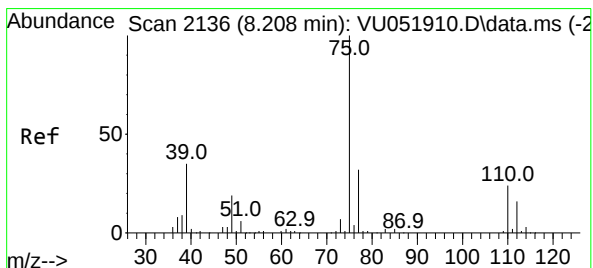
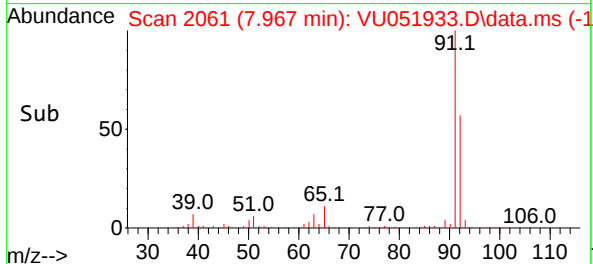
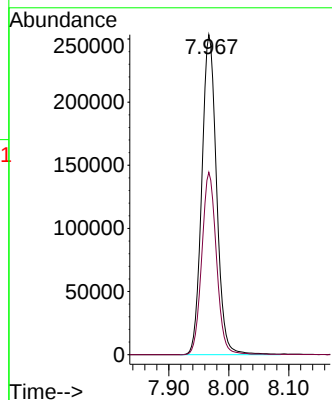
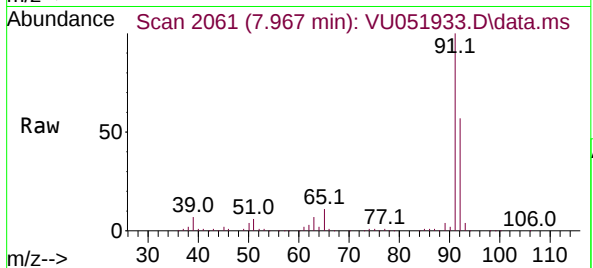
EW701MSD

Tgt Ion: 91 Resp: 434826

Ion Ratio Lower Upper

91 100

92 57.0 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.009 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051933.D

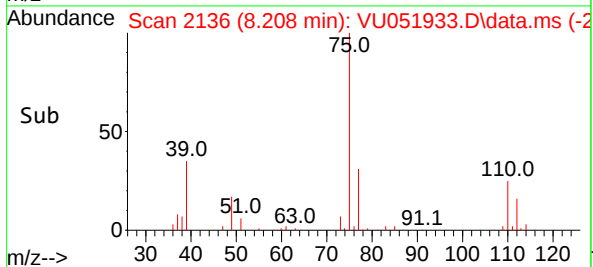
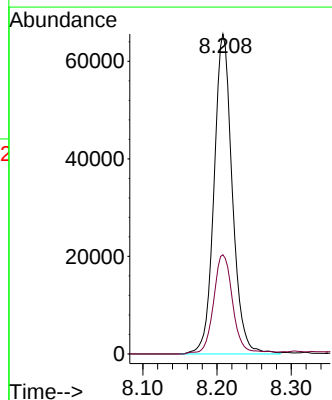
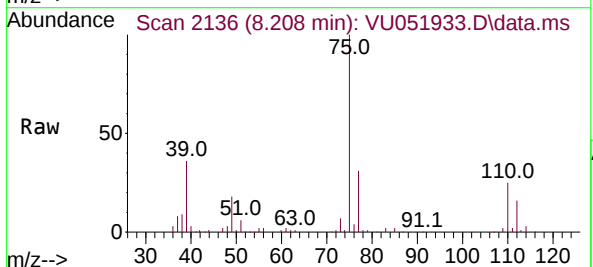
Acq: 19 Nov 2022 04:54

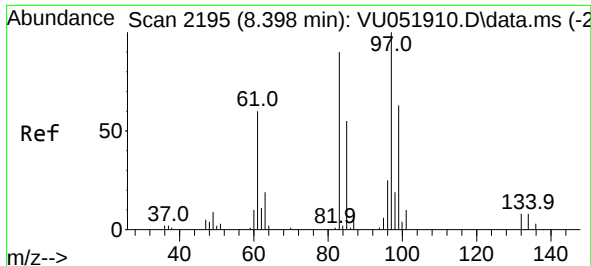
Tgt Ion: 75 Resp: 112273

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0

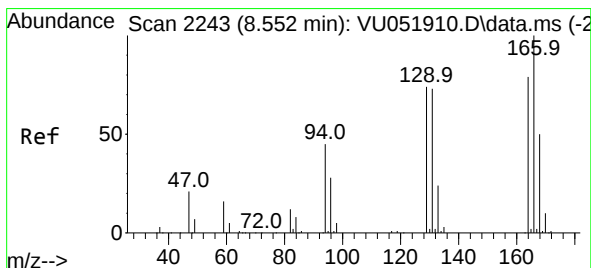
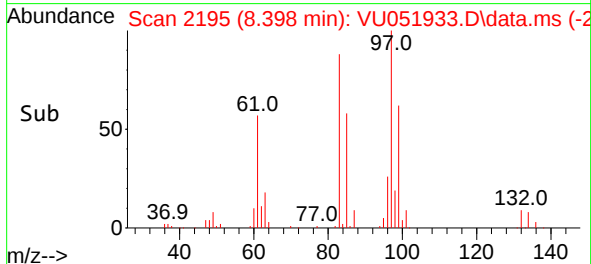
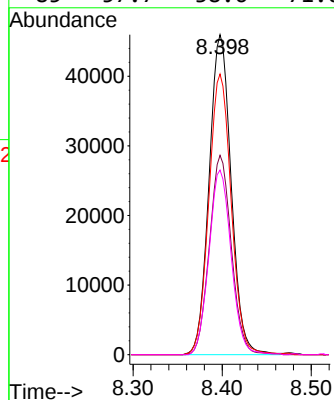
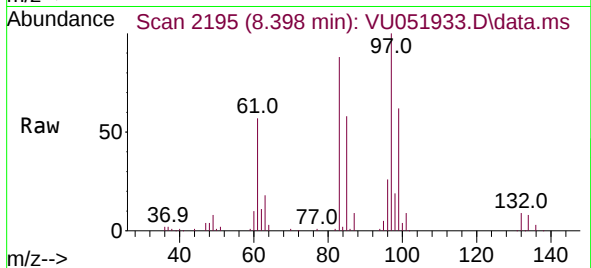




#45
1,1,2-Trichloroethane
Concen: 5.155 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

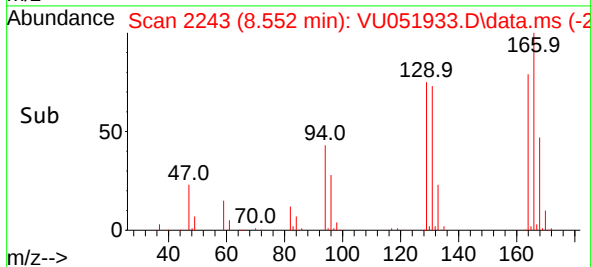
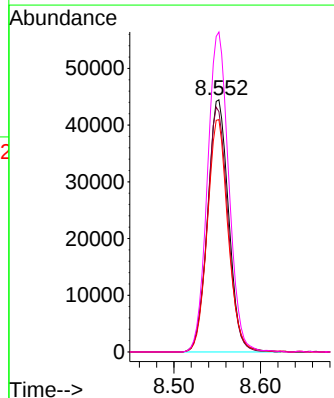
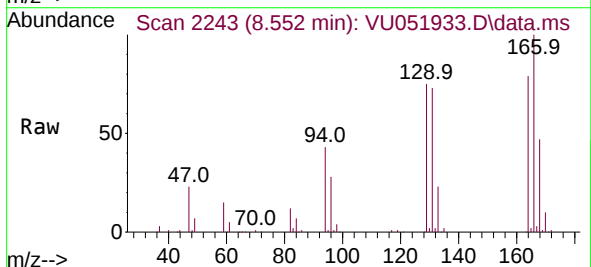
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

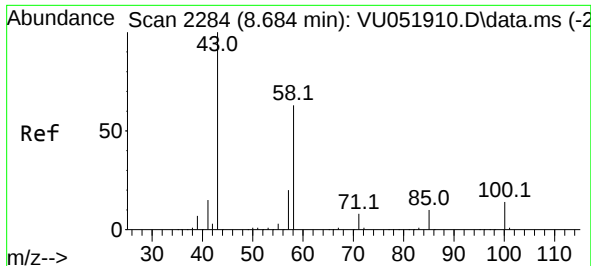
Tgt Ion:	97	Resp:	78989
Ion	Ratio	Lower	Upper
97	100		
99	62.3	42.6	79.2
83	87.7	60.7	112.7
85	57.7	38.6	71.6



#47
Tetrachloroethene
Concen: 4.969 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion:	164	Resp:	74797
Ion	Ratio	Lower	Upper
164	100		
129	95.3	67.4	125.2
131	92.2	67.1	124.7
166	126.9	89.7	166.5



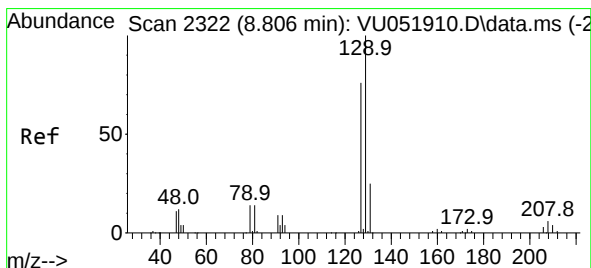
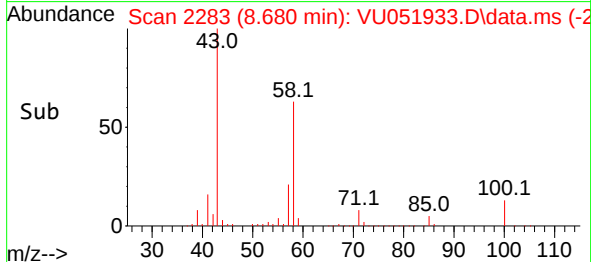
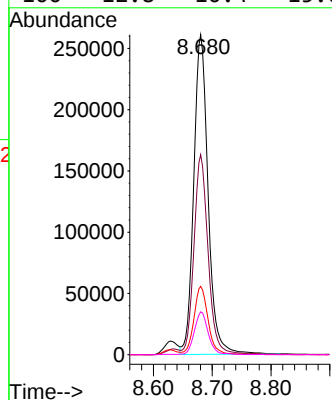
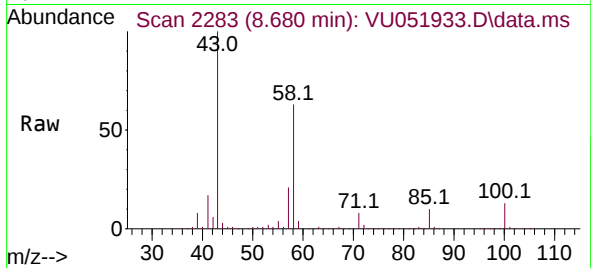


#48
2-Hexanone
Concen: 56.676 ug/L
RT: 8.680 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

Tgt Ion: 43 Resp: 442507

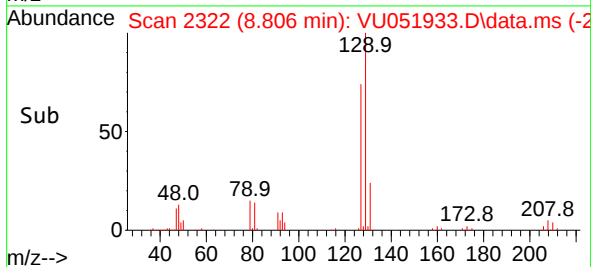
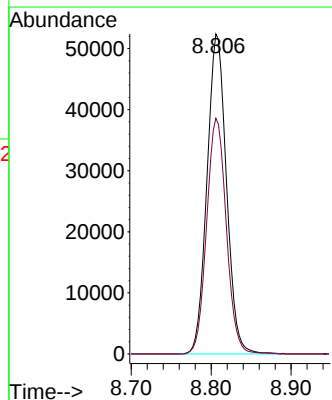
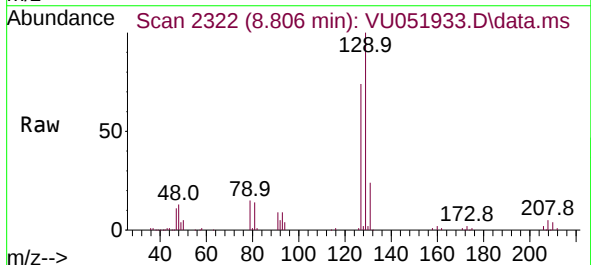
Ion	Ratio	Lower	Upper
43	100		
58	61.0	49.4	74.0
57	21.0	16.3	24.5
100	12.8	10.4	15.6

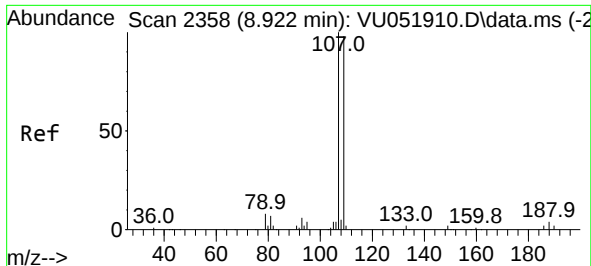


#49
Dibromochloromethane
Concen: 5.169 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 129 Resp: 88701

Ion	Ratio	Lower	Upper
129	100		
127	73.6	52.8	98.2





#50

1,2-Dibromoethane

Concen: 5.257 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

EW701MSD

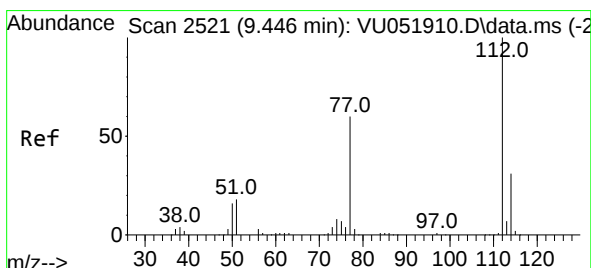
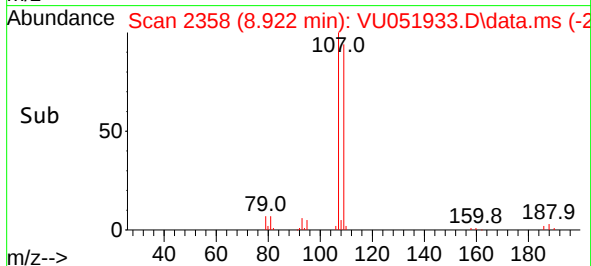
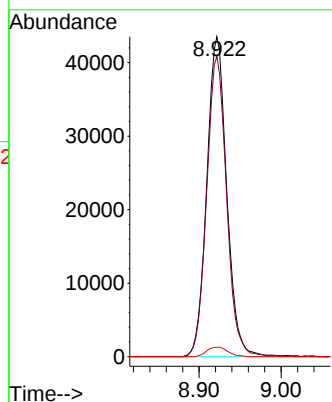
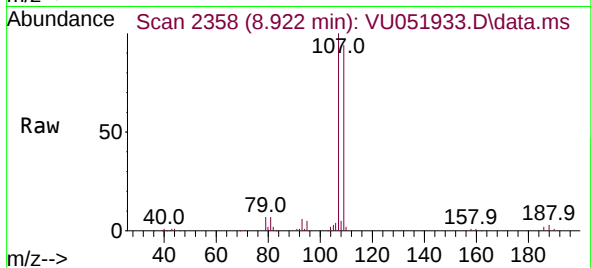
Tgt Ion:107 Resp: 73367

Ion Ratio Lower Upper

107 100

109 93.9 64.9 120.5

188 3.0 2.6 4.0



#51

Chlorobenzene

Concen: 5.174 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

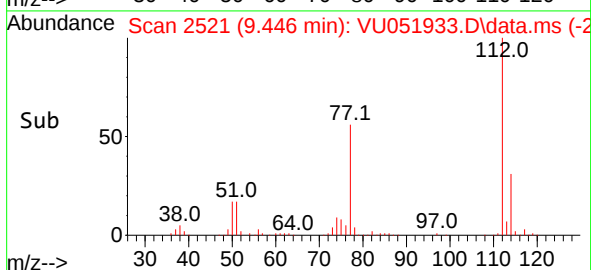
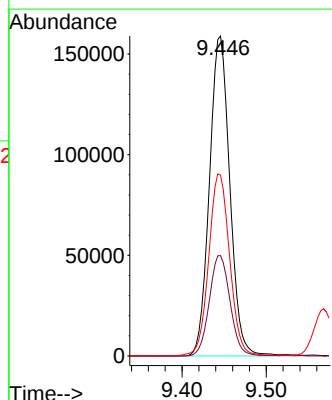
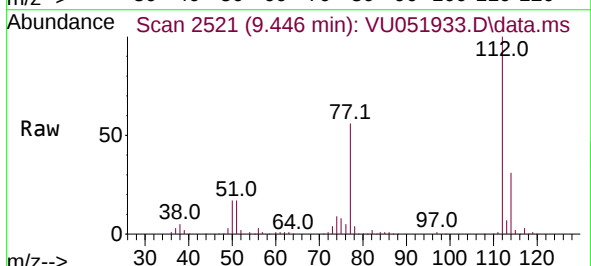
Tgt Ion:112 Resp: 267224

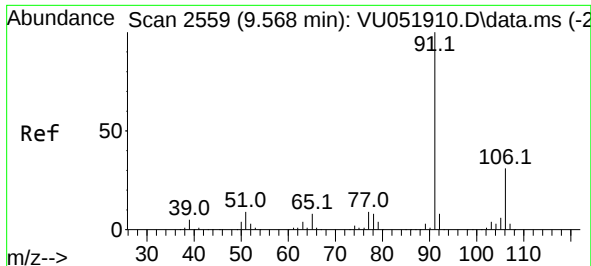
Ion Ratio Lower Upper

112 100

114 31.4 22.2 41.2

77 56.5 46.6 70.0





#52

Ethylbenzene

Concen: 5.177 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

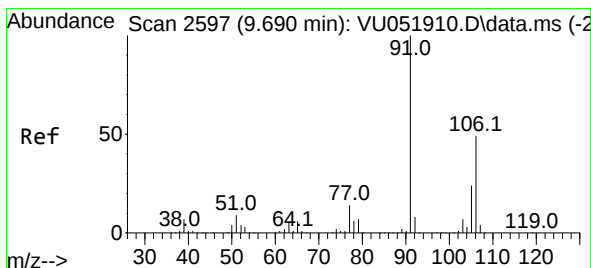
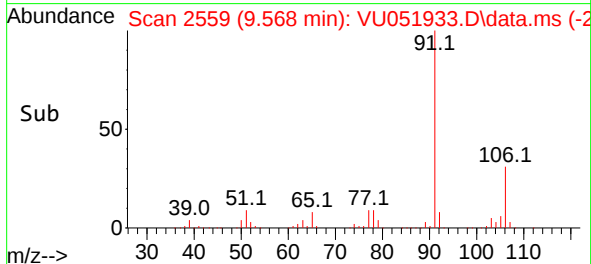
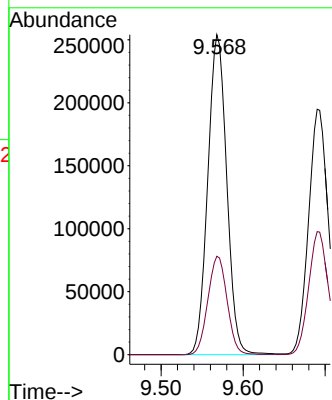
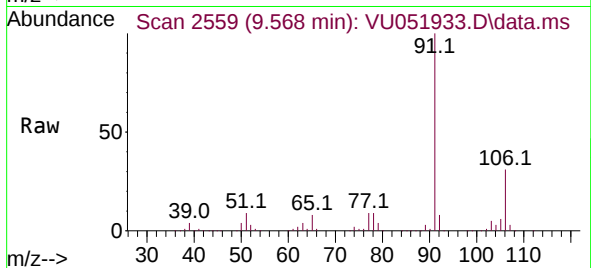
EW701MSD

Tgt Ion: 91 Resp: 407645

Ion Ratio Lower Upper

91 100

106 30.8 22.3 41.3



#53

m,p-Xylene

Concen: 5.389 ug/L

RT: 9.690 min Scan# 2597

Delta R.T. -0.000 min

Lab File: VU051933.D

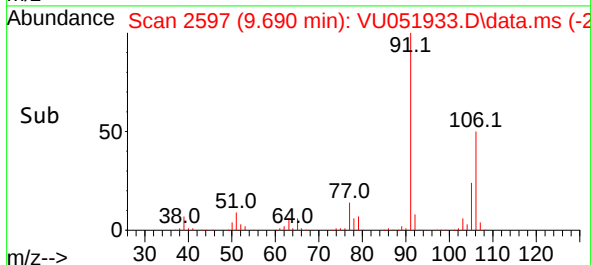
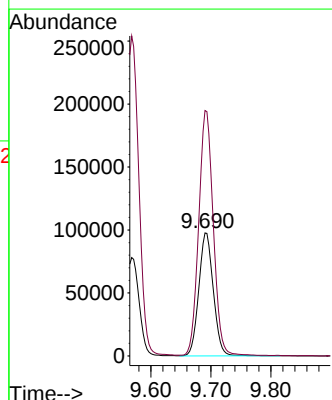
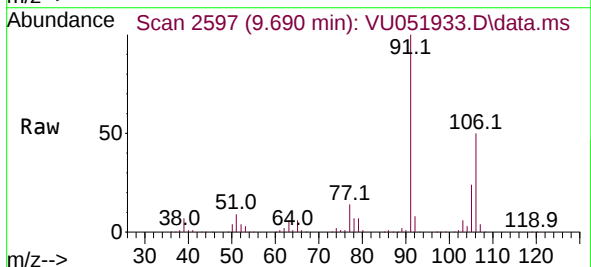
Acq: 19 Nov 2022 04:54

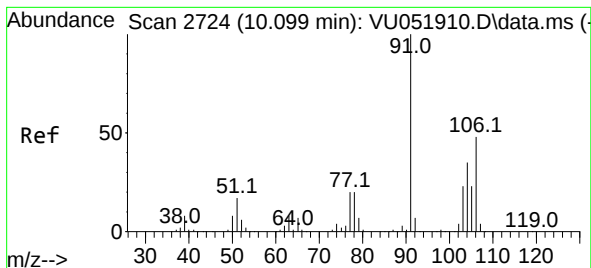
Tgt Ion: 106 Resp: 164338

Ion Ratio Lower Upper

106 100

91 199.5 137.7 255.7





#54

o-Xylene

Concen: 5.609 ug/L

RT: 10.098 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

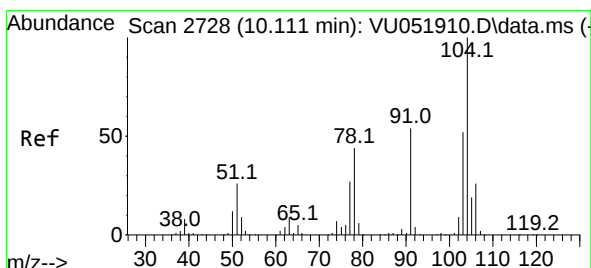
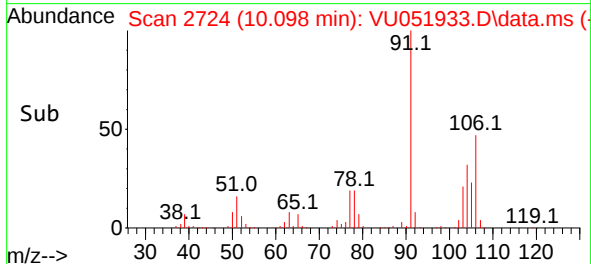
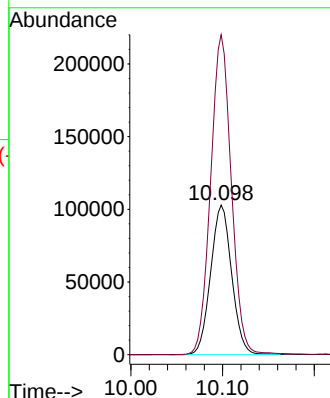
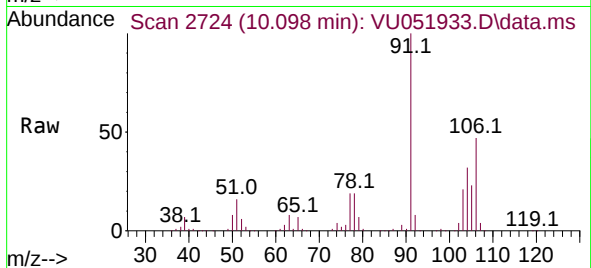
EW701MSD

Tgt Ion:106 Resp: 163928

Ion Ratio Lower Upper

106 100

91 214.0 151.5 281.5



#55

Styrene

Concen: 5.558 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. -0.000 min

Lab File: VU051933.D

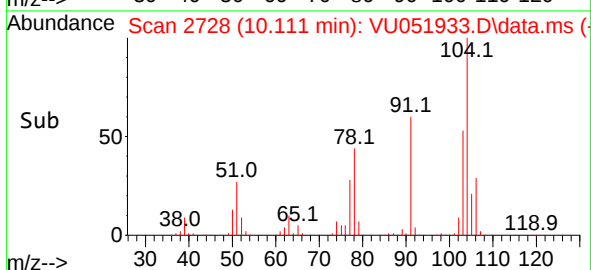
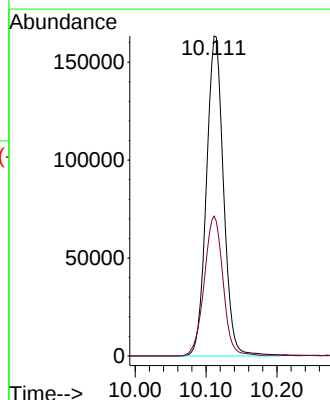
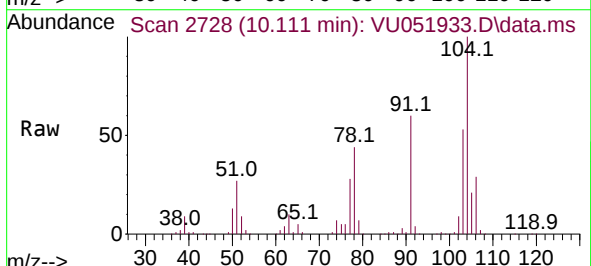
Acq: 19 Nov 2022 04:54

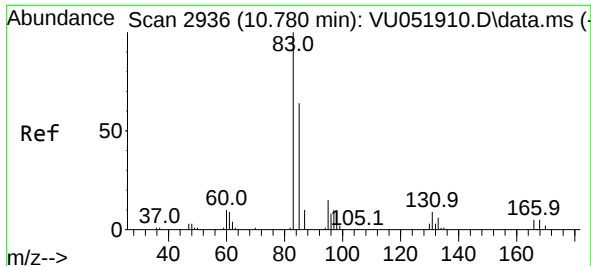
Tgt Ion:104 Resp: 274367

Ion Ratio Lower Upper

104 100

78 43.7 30.6 56.8

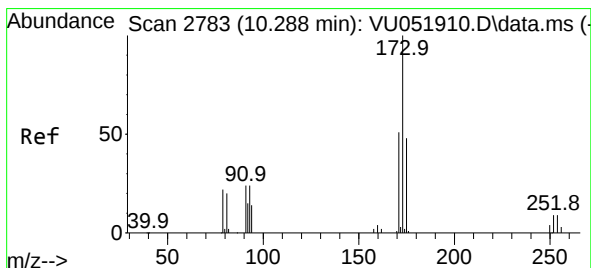
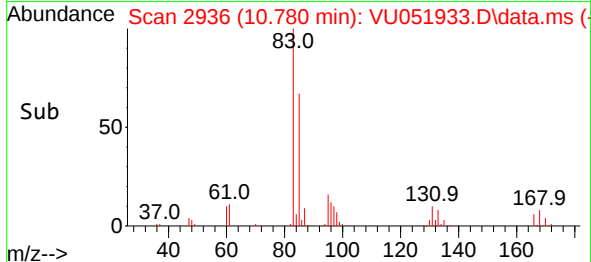
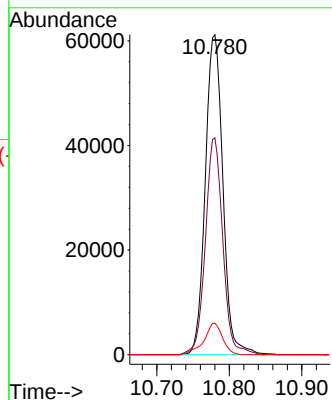
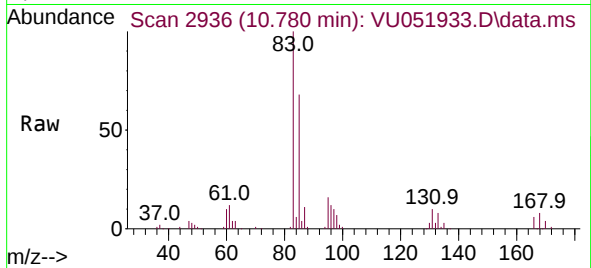




#57
1,1,2,2-Tetrachloroethane
Concen: 5.389 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

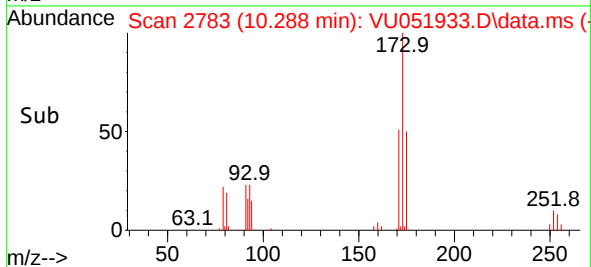
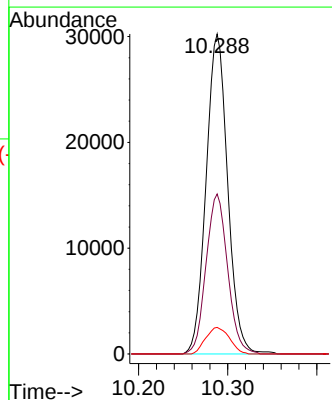
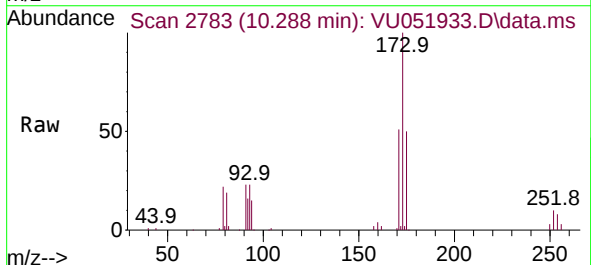
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

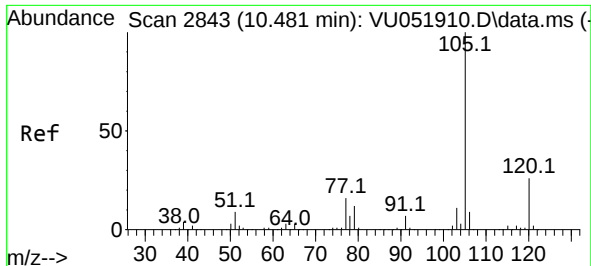
Tgt Ion: 83 Resp: 103123
Ion Ratio Lower Upper
83 100
85 67.7 45.7 84.9
131 9.9 7.6 11.4



#59
Bromoform
Concen: 5.112 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 173 Resp: 50753
Ion Ratio Lower Upper
173 100
175 50.0 37.2 55.8
254 9.1 7.0 10.6

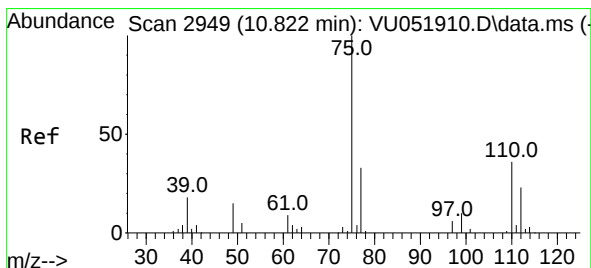
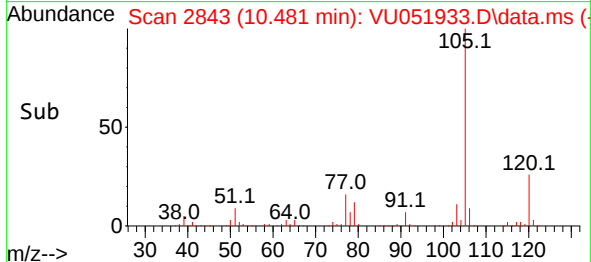
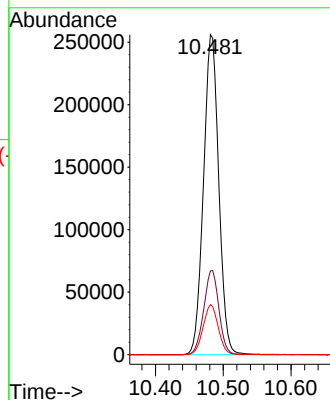
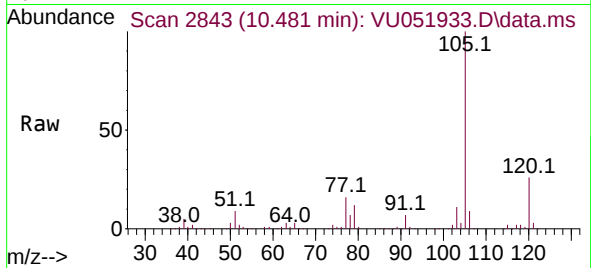




#60
Isopropylbenzene
Concen: 5.286 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

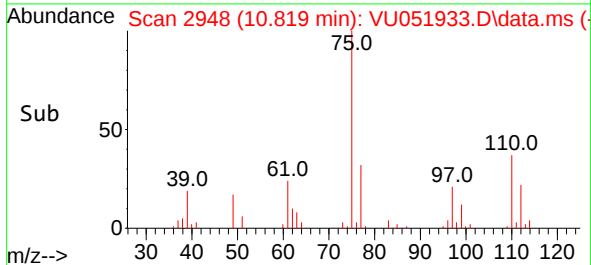
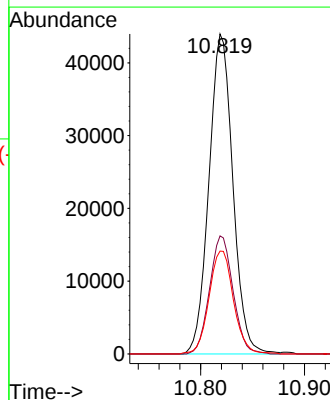
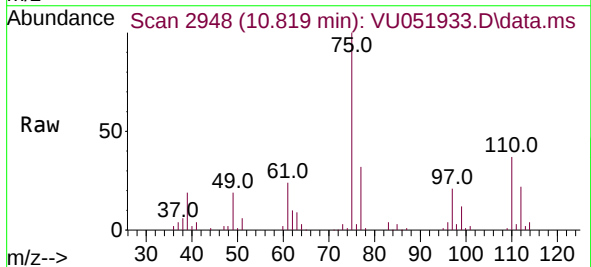
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

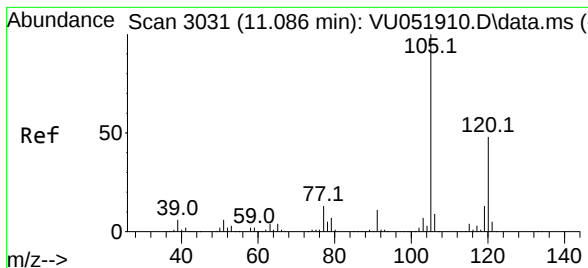
Tgt Ion:105 Resp: 400190
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.097 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion: 75 Resp: 70311
Ion Ratio Lower Upper
75 100
110 36.1 28.3 42.5
77 32.9 26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 5.043 ug/L

RT: 11.086 min Scan# 3031

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

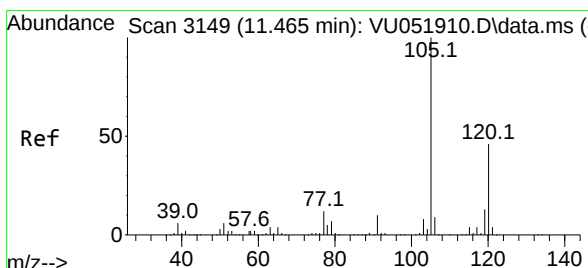
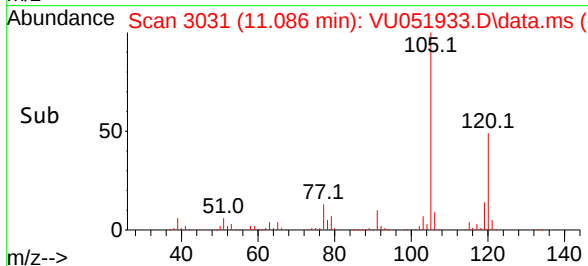
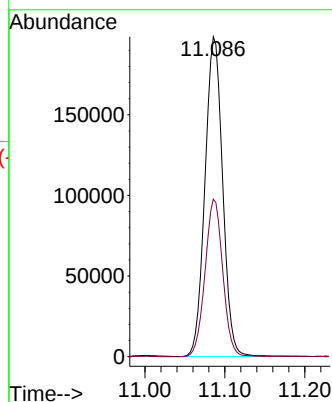
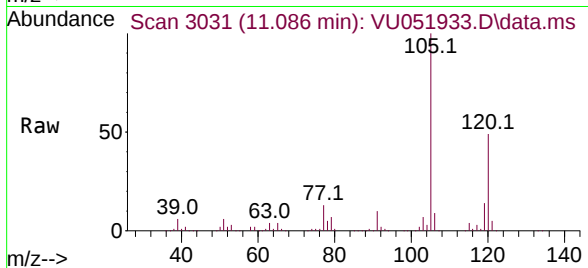
EW701MSD

Tgt Ion:105 Resp: 305235

Ion Ratio Lower Upper

105 100

120 49.3 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 5.165 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VU051933.D

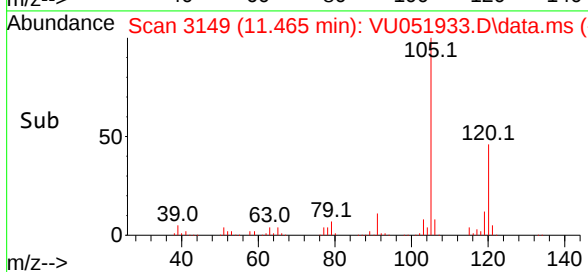
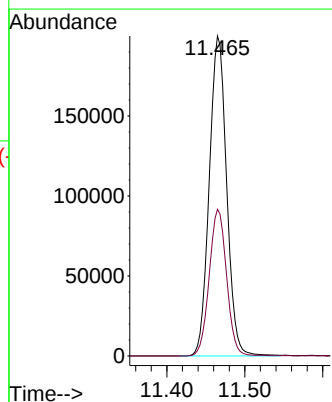
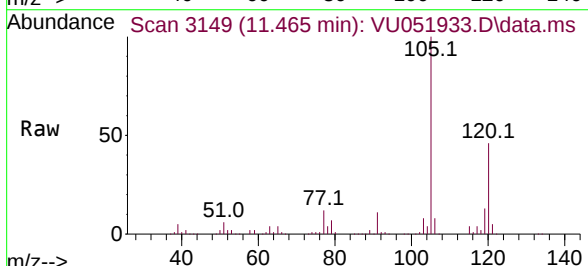
Acq: 19 Nov 2022 04:54

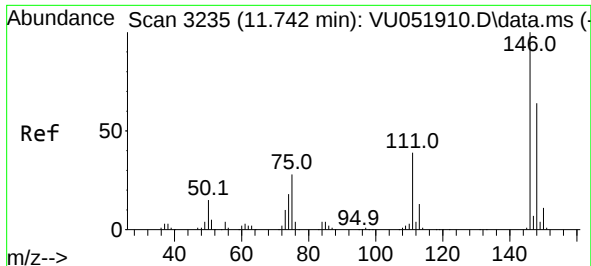
Tgt Ion:105 Resp: 310265

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

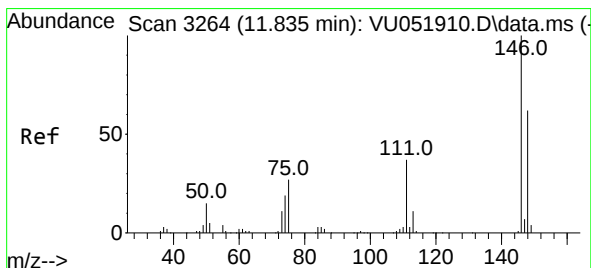
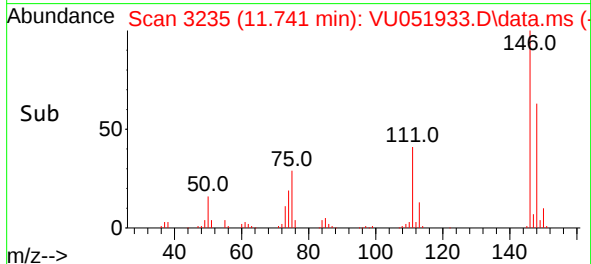
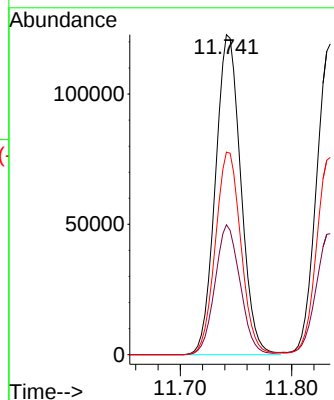
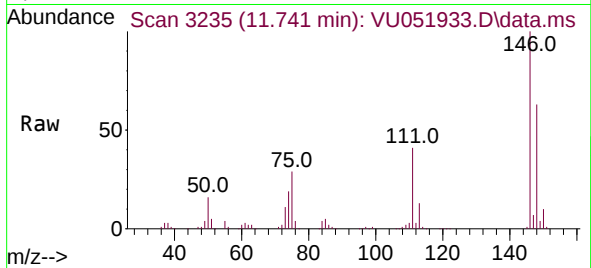




#64
1,3-Dichlorobenzene
Concen: 5.028 ug/L
RT: 11.741 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

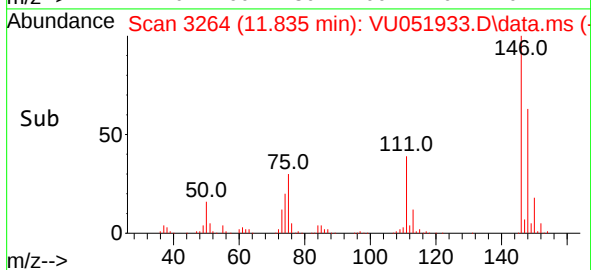
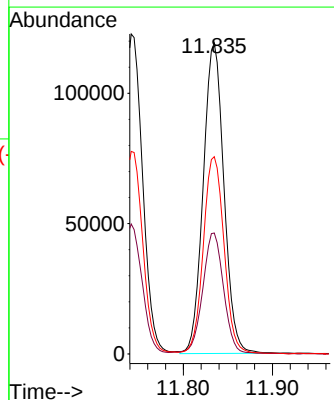
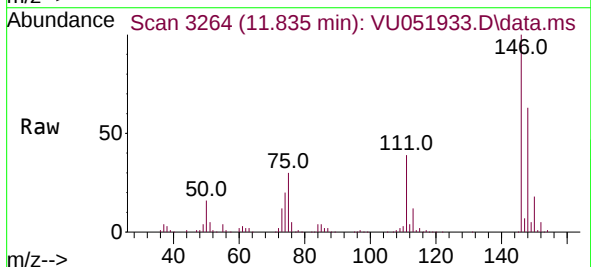
Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

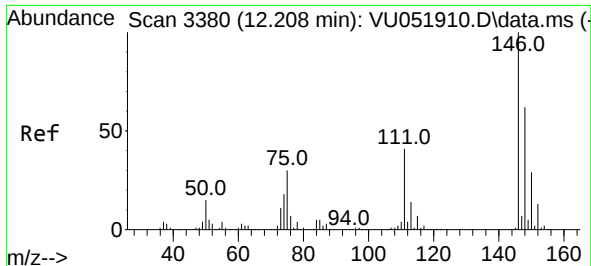
Tgt Ion:146 Resp: 194388
Ion Ratio Lower Upper
146 100
111 40.6 28.6 53.2
148 63.3 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 4.989 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion:146 Resp: 192341
Ion Ratio Lower Upper
146 100
111 38.9 26.9 50.1
148 63.5 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.150 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.003 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

EW701MSD

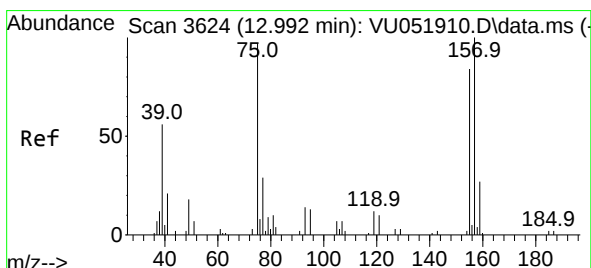
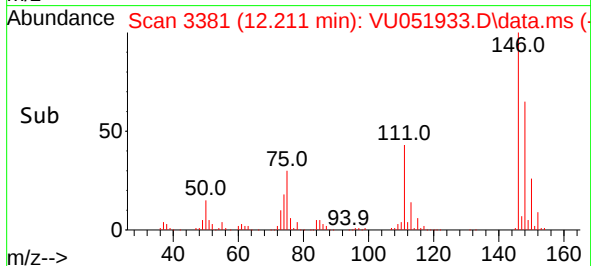
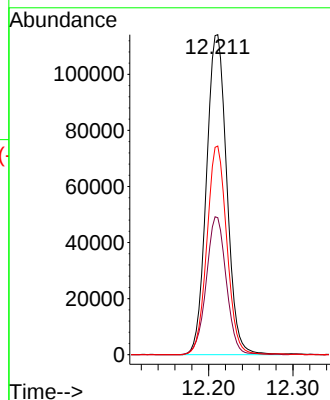
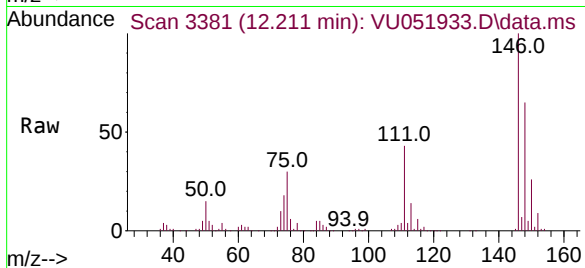
Tgt Ion:146 Resp: 191719

Ion Ratio Lower Upper

146 100

111 42.8 32.7 49.1

148 65.2 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.742 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

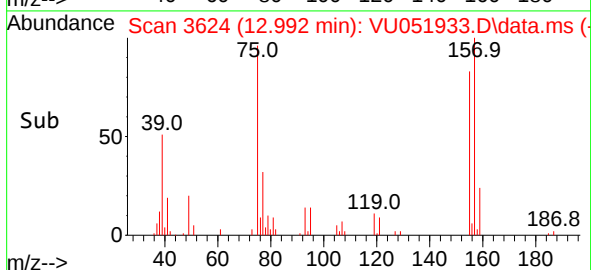
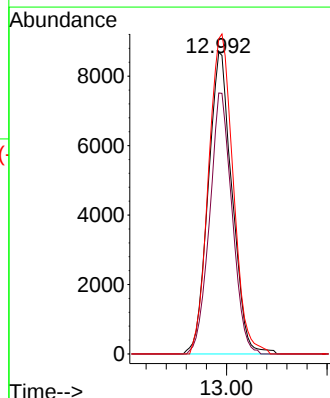
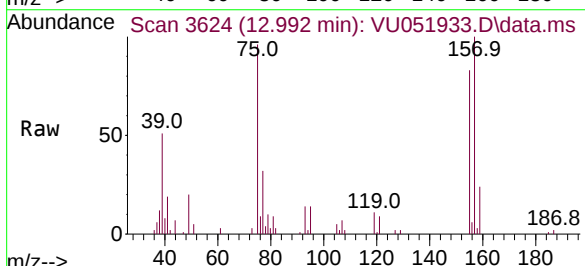
Tgt Ion: 75 Resp: 14315

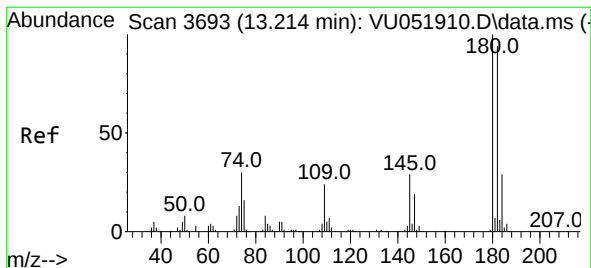
Ion Ratio Lower Upper

75 100

155 86.5 65.4 98.2

157 104.5 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 4.552 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

Instrument :

MSVOA_U

ClientSampleId :

EW701MSD

Tgt Ion:180 Resp: 124780

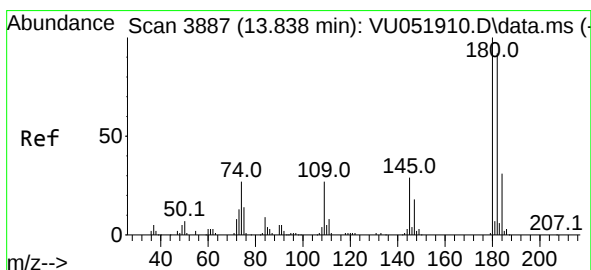
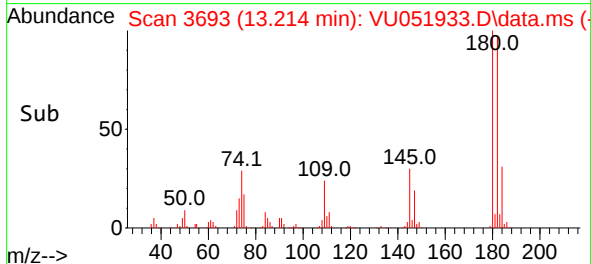
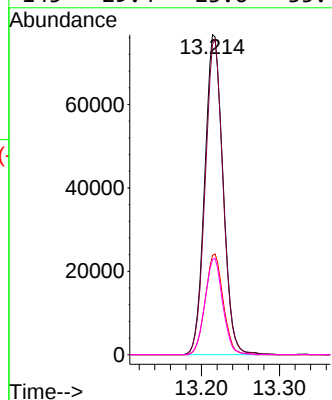
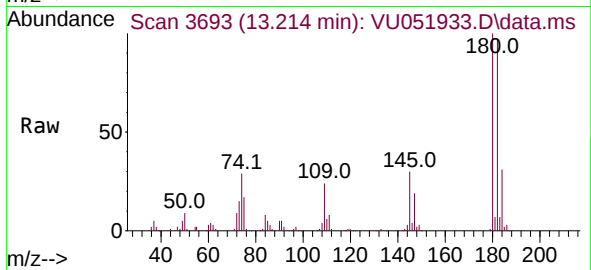
Ion Ratio Lower Upper

180 100

182 96.2 75.7 113.5

184 30.9 24.3 36.5

145 29.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.661 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051933.D

Acq: 19 Nov 2022 04:54

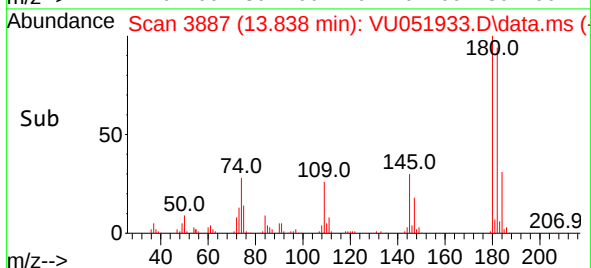
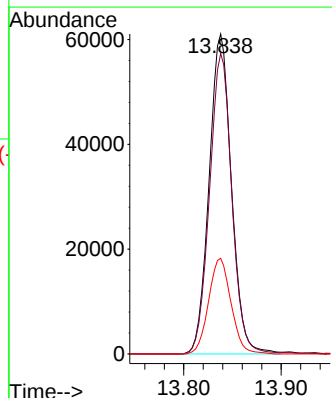
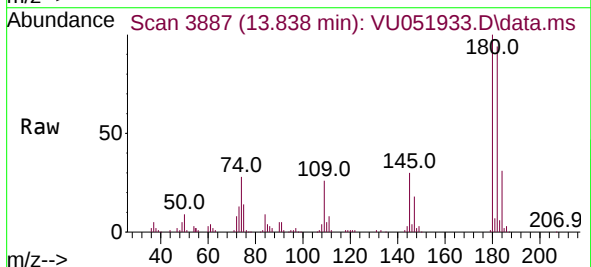
Tgt Ion:180 Resp: 97301

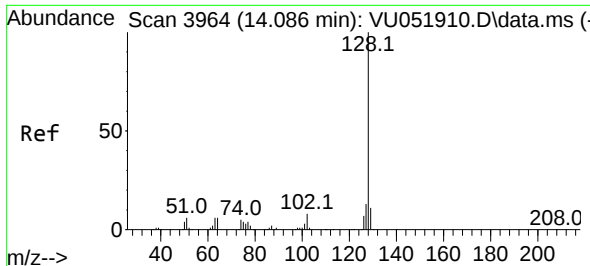
Ion Ratio Lower Upper

180 100

182 93.8 76.3 114.5

145 30.0 24.6 36.8

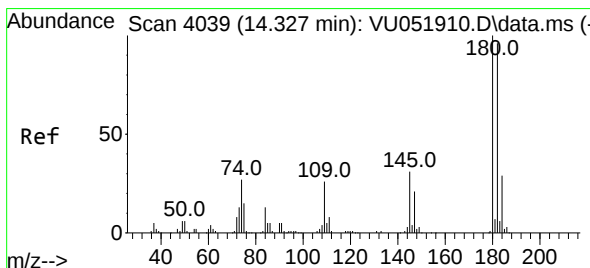
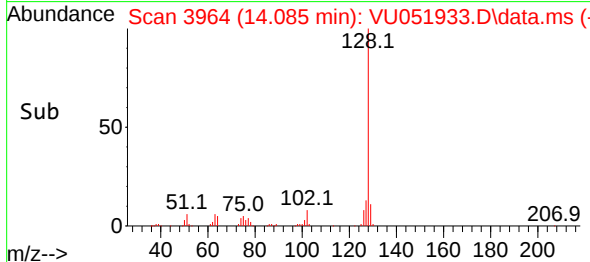
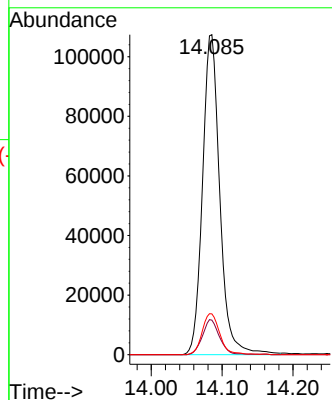
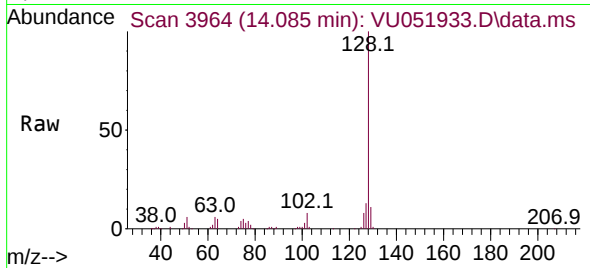




#71
Naphthalene
Concen: 4.652 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Instrument :
MSVOA_U
ClientSampleId :
EW701MSD

Tgt Ion:128 Resp: 182299
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.861 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051933.D
Acq: 19 Nov 2022 04:54

Tgt Ion:180 Resp: 99826
Ion Ratio Lower Upper
180 100
182 96.4 75.7 113.5
145 32.1 24.5 36.7

