

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051932.D
 Acq On : 19 Nov 2022 04:27
 Operator : JC/MD
 Sample : N5685-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW701MS

Quant Time: Nov 19 04:57:52 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	6.247	114	232750	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	233964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	116367	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	108675	4.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.909	69	85363	4.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.565	65	38560	4.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.616	46	205871	50.167	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.340%
24) Chloroform-d	5.060	84	167226	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.700	65	84376	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.726	84	347657	5.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.687	67	105233	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.896	98	316650	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
43) trans-1,3-Dichloroprop...	8.176	79	38037	4.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.200%
46) 2-Hexanone-d5	8.629	63	175698	52.926	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.860%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	95930	5.147	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	108590	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	104894	5.196	ug/L	99
3) Chloromethane	1.527	50	134219	5.095	ug/L	100
5) Vinyl chloride	1.604	62	132190	5.222	ug/L	100
6) Bromomethane	1.848	94	65536	5.046	ug/L	100
8) Chloroethane	1.932	64	82415	5.236	ug/L	98
9) Trichlorofluoromethane	2.137	101	143491	5.153	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	82025	4.818	ug/L	99
12) 1,1-Dichloroethene	2.578	96	85173	5.045	ug/L	95
13) Acetone	2.620	43	137637	49.391	ug/L	99
14) Carbon disulfide	2.793	76	284491	4.867	ug/L	99
15) Methyl Acetate	2.948	43	31896	4.413	ug/L	100
16) Methylene chloride	3.044	84	106994	4.684	ug/L	97
17) Methyl tert-butyl Ether	3.359	73	191362	5.063	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	89582	4.949	ug/L	98
19) 1,1-Dichloroethane	3.867	63	169810	5.206	ug/L	98
21) 2-Butanone	4.697	43	228009	51.050	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	97853	5.152	ug/L	97
23) Bromochloromethane	4.970	128	46967	5.168	ug/L	93
25) Chloroform	5.086	83	175585	5.312	ug/L	95

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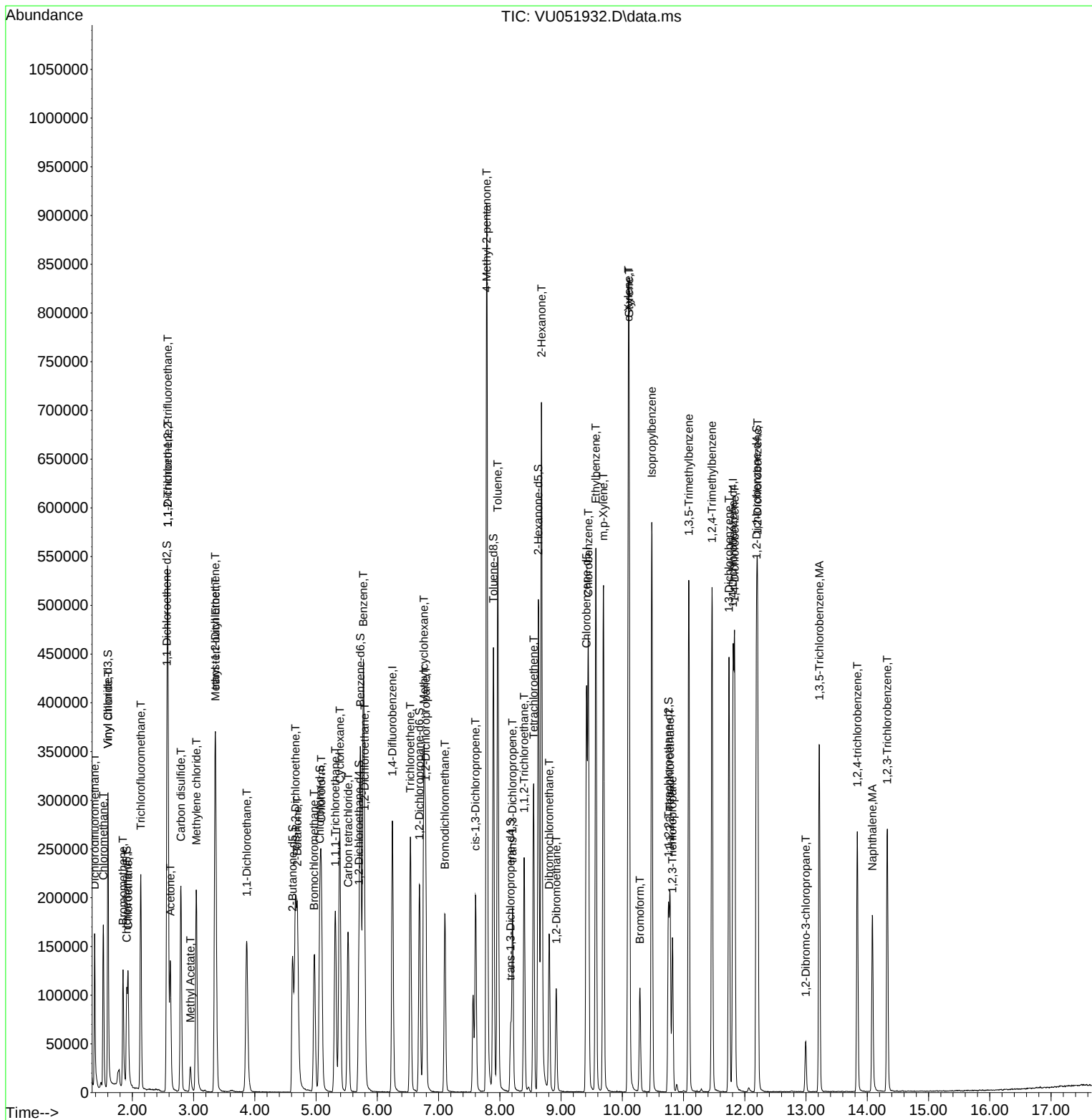
Instrument :
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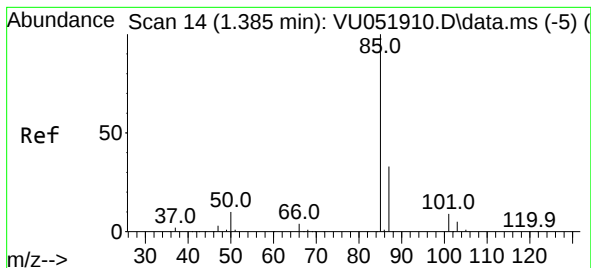
Quant Time: Nov 19 04:57:52 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107481	5.309	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	133652	5.149	ug/L	99
30) Cyclohexane	5.388	56	126526	5.020	ug/L	99
31) Carbon tetrachloride	5.523	117	114196	5.178	ug/L	100
33) Benzene	5.771	78	399640	5.249	ug/L	100
34) Trichloroethene	6.539	95	92080	4.848	ug/L	96
35) Methylcyclohexane	6.761	83	125302	4.586	ug/L	97
37) 1,2-Dichloropropane	6.790	63	101596	5.153	ug/L	98
38) Bromodichloromethane	7.102	83	123353	5.132	ug/L	96
39) cis-1,3-Dichloropropene	7.603	75	125085	4.942	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	560221	54.401	ug/L	100
42) Toluene	7.967	91	420723	5.372	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	108821	5.021	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	77053	5.201	ug/L	99
47) Tetrachloroethene	8.552	164	70455	4.841	ug/L	96
48) 2-Hexanone	8.681	43	426693	56.519	ug/L	99
49) Dibromochloromethane	8.806	129	85658	5.162	ug/L	99
50) 1,2-Dibromoethane	8.922	107	71241	5.279	ug/L	97
51) Chlorobenzene	9.446	112	251369	5.034	ug/L	98
52) Ethylbenzene	9.568	91	387435	5.088	ug/L	99
53) m,p-Xylene	9.693	106	154905	5.254	ug/L	97
54) o-Xylene	10.099	106	152134	5.383	ug/L	100
55) Styrene	10.111	104	258532	5.417	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	102321	5.530	ug/L	98
59) Bromoform	10.288	173	47726	4.980	ug/L	95
60) Isopropylbenzene	10.481	105	375921	5.143	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	69153	5.192	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	285128	4.880	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	283250	4.884	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	186637	5.001	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	182665	4.907	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	180980	5.035	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	14402	4.941	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	116626	4.407	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	85455	4.240	ug/L	99
71) Naphthalene	14.082	128	154955	4.095	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	86557	4.365	ug/L	97

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

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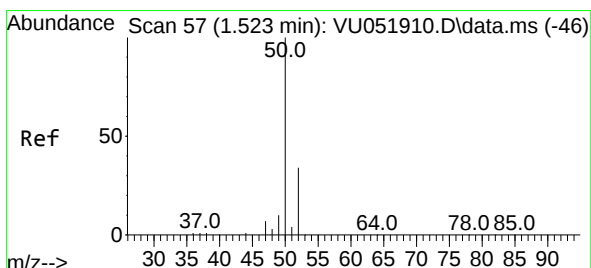
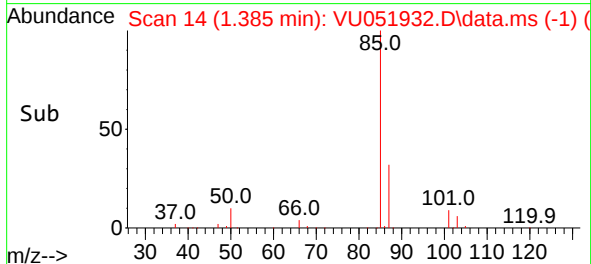
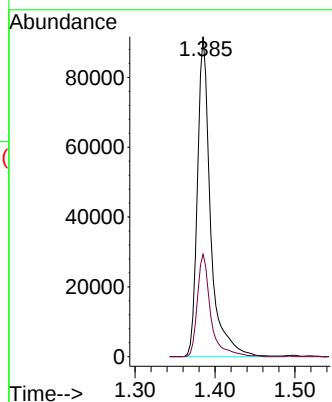
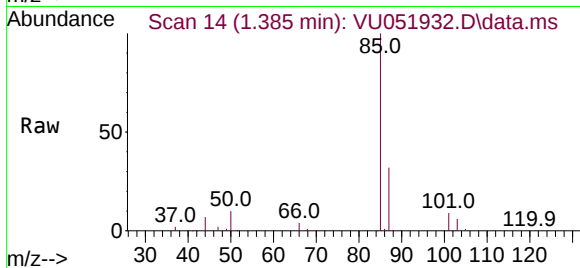




#2
Dichlorodifluoromethane
Concen: 5.196 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

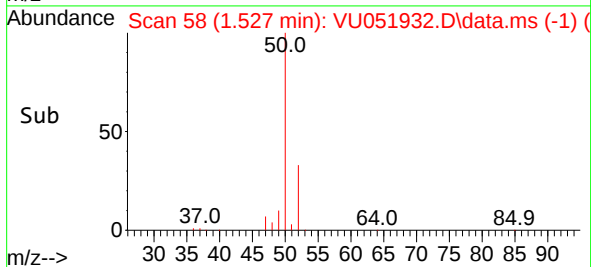
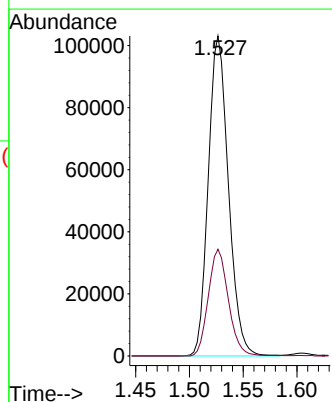
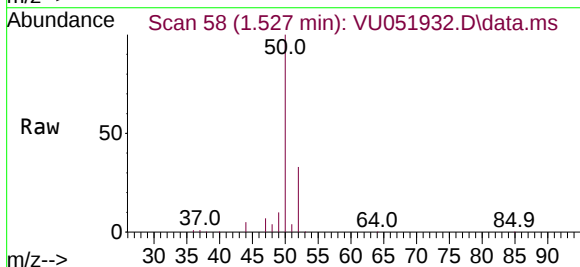
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MSVOA_U
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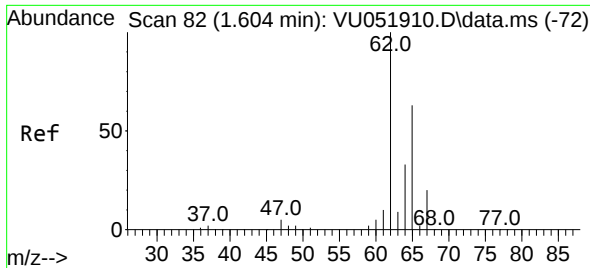
Tgt Ion: 85 Resp: 104894
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 5.095 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 50 Resp: 134219
Ion Ratio Lower Upper
50 100
52 33.4 23.4 43.4

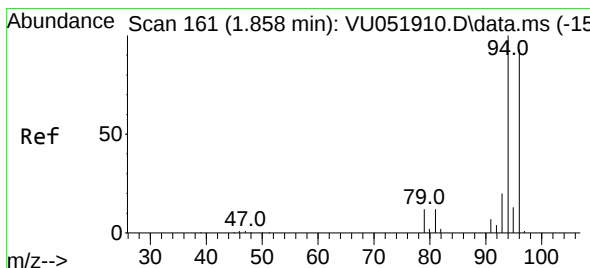
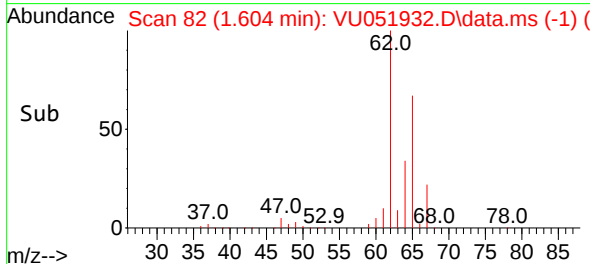
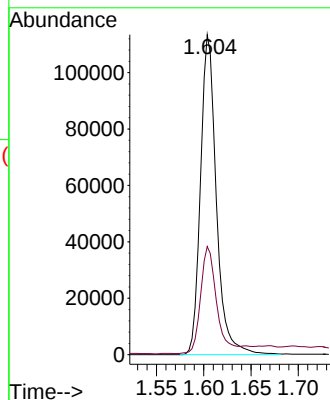
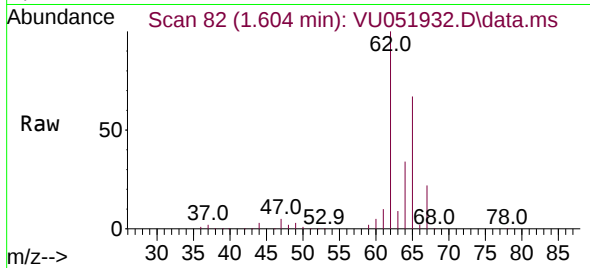




#5
 Vinyl chloride
 Concen: 5.222 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051932.D
 Acq: 19 Nov 2022 04:27

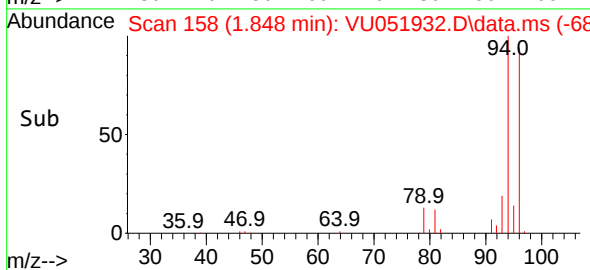
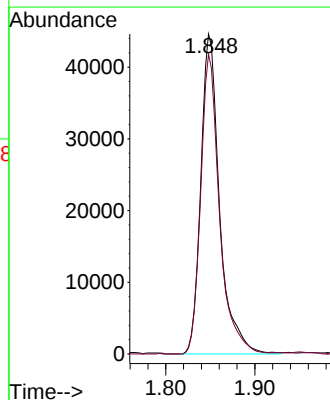
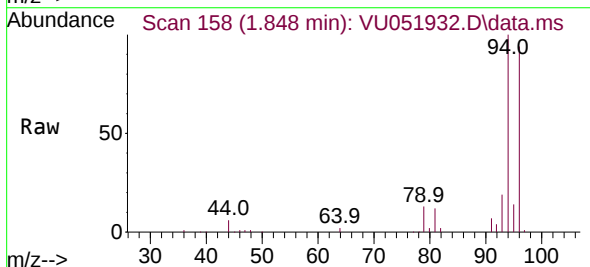
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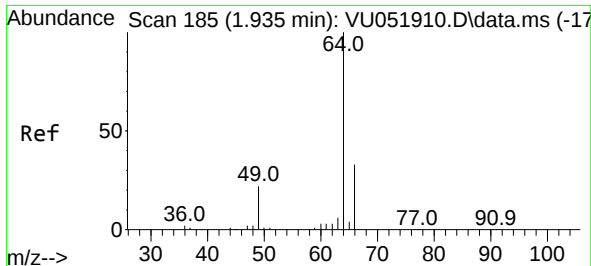
Tgt Ion: 62 Resp: 132190
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.5 43.7



#6
 Bromomethane
 Concen: 5.046 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.010 min
 Lab File: VU051932.D
 Acq: 19 Nov 2022 04:27

Tgt Ion: 94 Resp: 65536
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.7 122.1

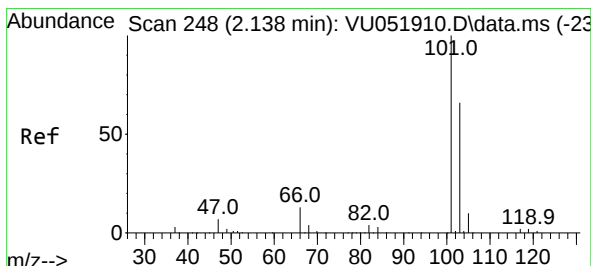
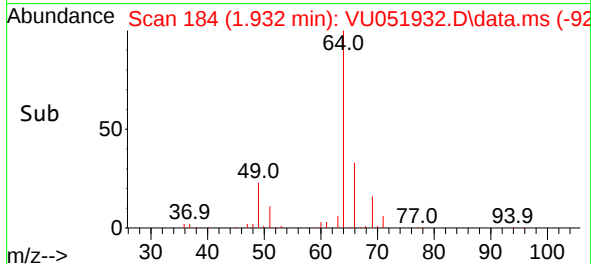
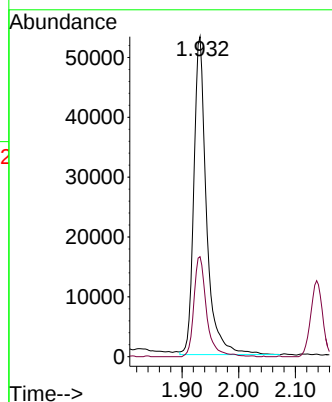
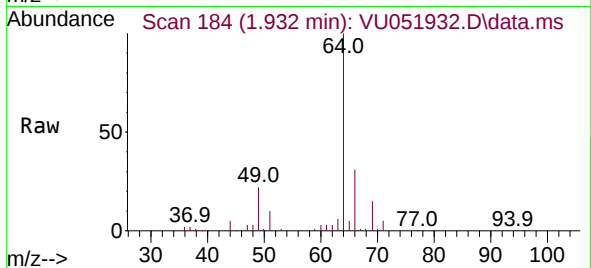




#8
Chloroethane
Concen: 5.236 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.003 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

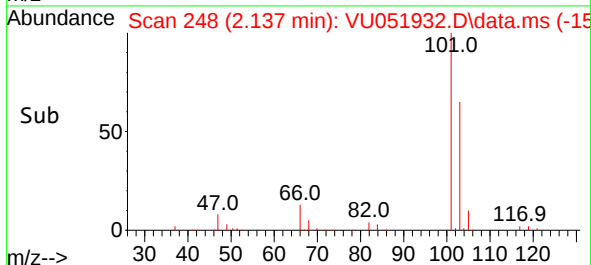
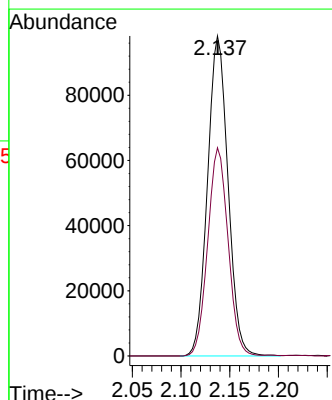
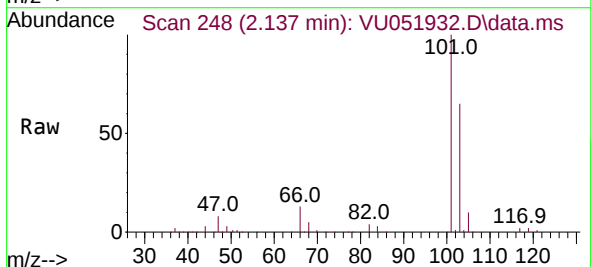
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ClientSampleId :
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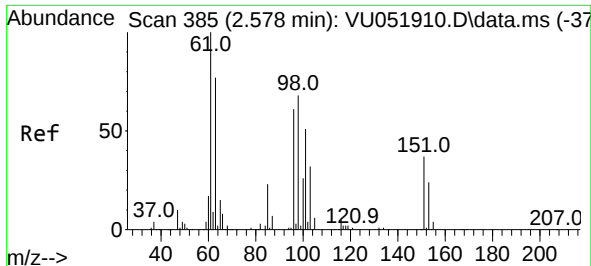
Tgt Ion: 64 Resp: 82415
Ion Ratio Lower Upper
64 100
66 31.3 21.1 39.1



#9
Trichlorofluoromethane
Concen: 5.153 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion:101 Resp: 143491
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

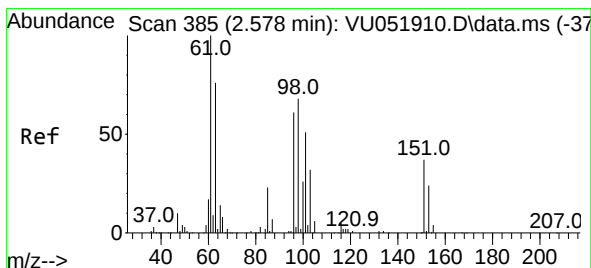
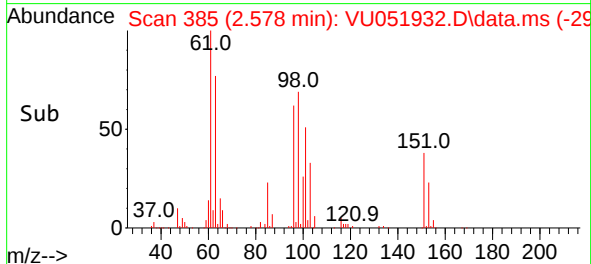
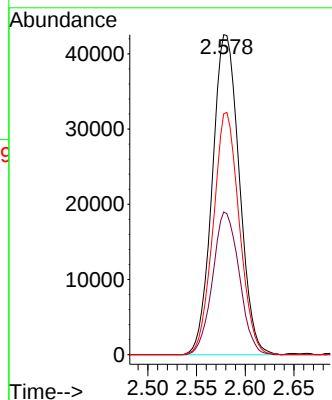
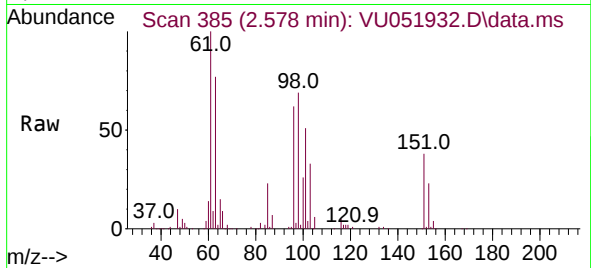




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.818 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051932.D
 Acq: 19 Nov 2022 04:27

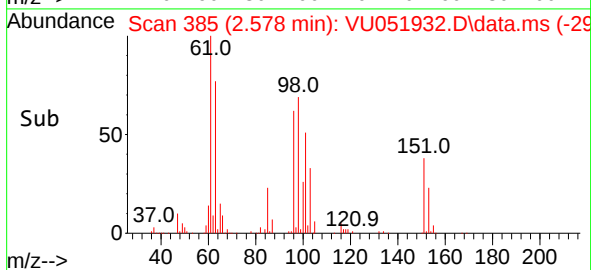
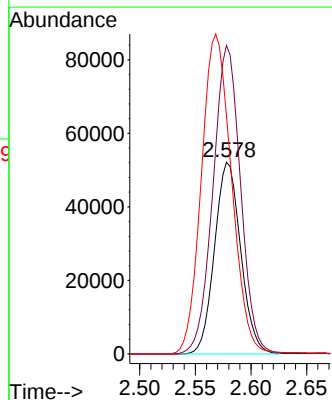
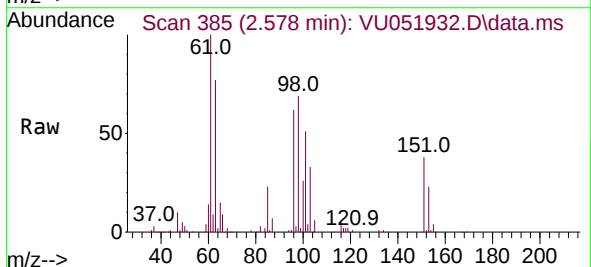
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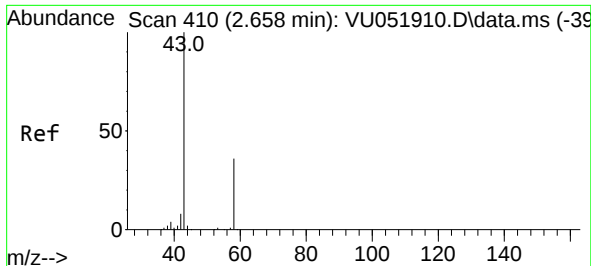
Tgt Ion:101 Resp: 82025
 Ion Ratio Lower Upper
 101 100
 85 43.9 33.8 50.6
 151 73.2 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 5.045 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051932.D
 Acq: 19 Nov 2022 04:27

Tgt Ion: 96 Resp: 85173
 Ion Ratio Lower Upper
 96 100
 61 160.8 114.8 213.2
 63 124.3 93.7 174.1





#13

Acetone

Concen: 49.391 ug/L

RT: 2.620 min Scan# 398

Delta R.T. -0.039 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

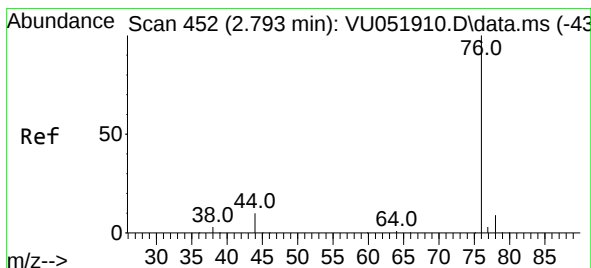
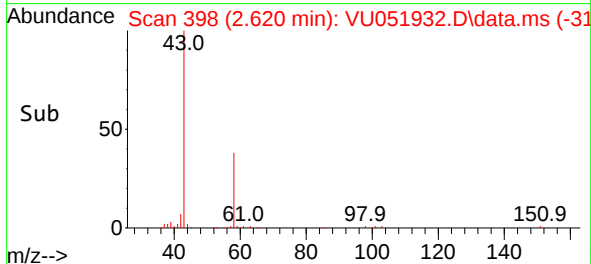
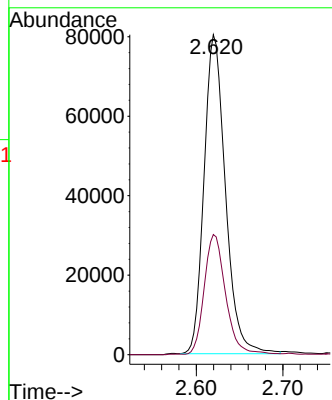
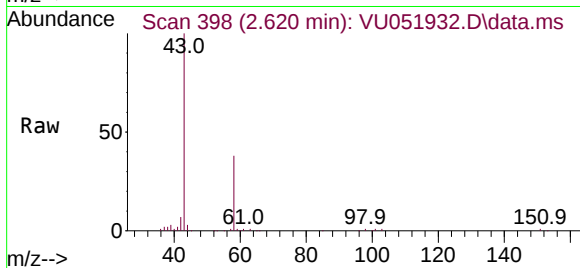
EW701MS

Tgt Ion: 43 Resp: 137637

Ion Ratio Lower Upper

43 100

58 37.3 0.0 76.0



#14

Carbon disulfide

Concen: 4.867 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051932.D

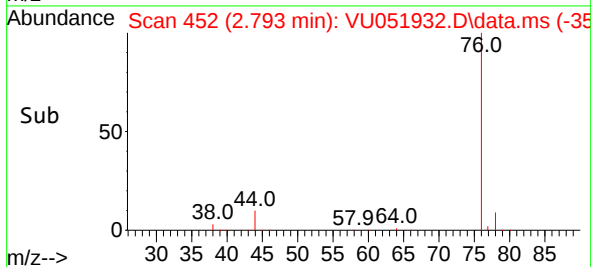
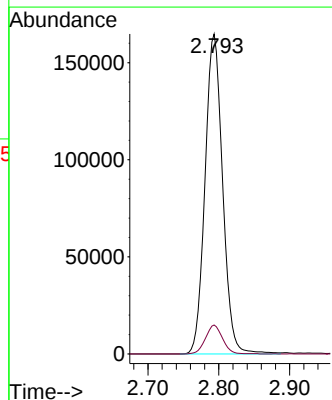
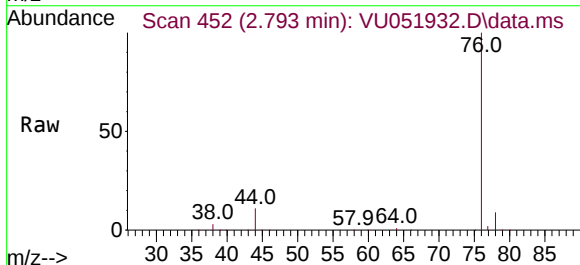
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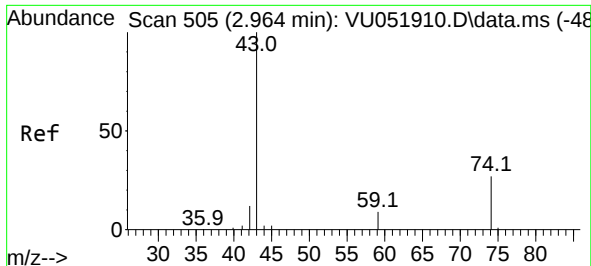
Tgt Ion: 76 Resp: 284491

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

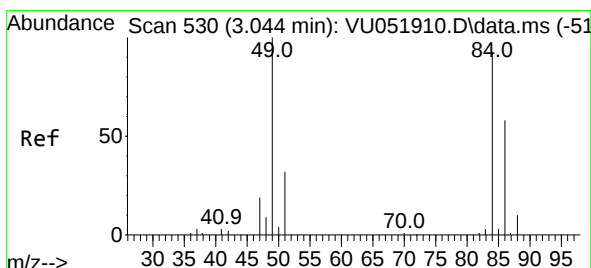
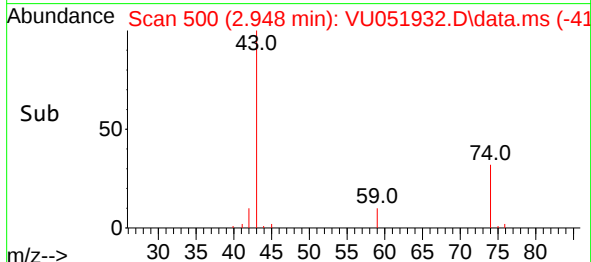
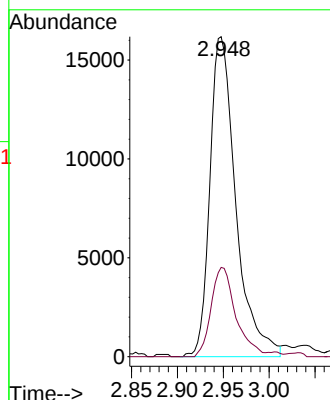
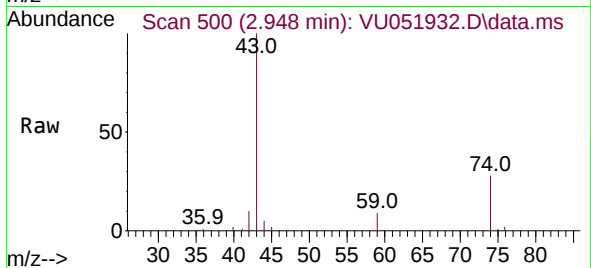




#15
Methyl Acetate
Concen: 4.413 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.016 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

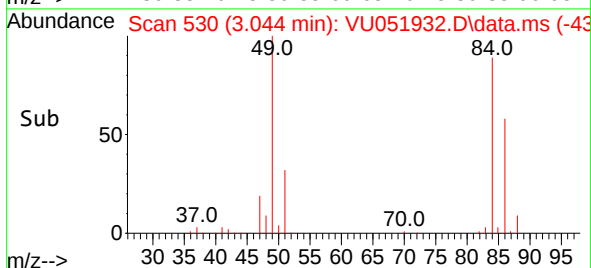
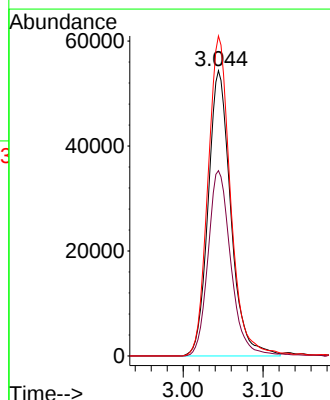
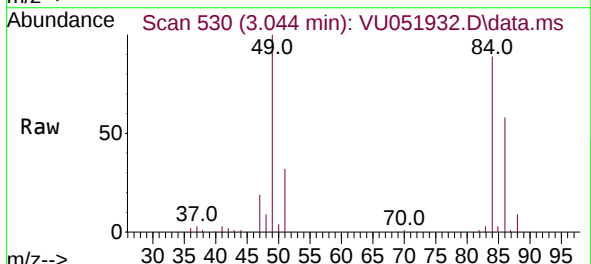
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

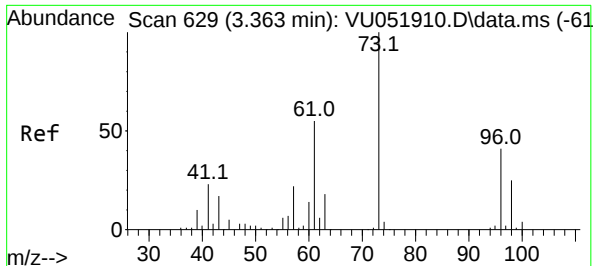
Tgt Ion: 43 Resp: 31896
Ion Ratio Lower Upper
43 100
74 26.5 21.3 31.9



#16
Methylene chloride
Concen: 4.684 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 84 Resp: 106994
Ion Ratio Lower Upper
84 100
86 65.0 43.8 81.4
49 112.2 75.9 141.1

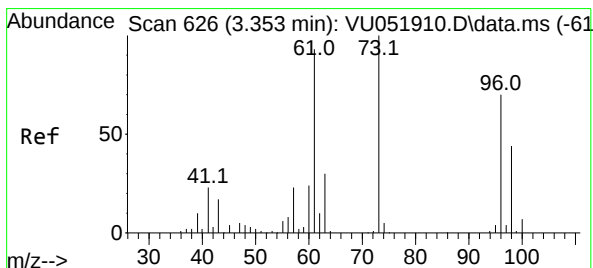
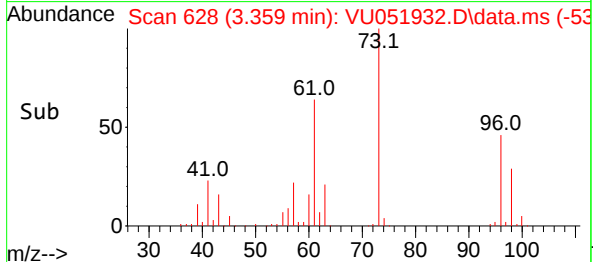
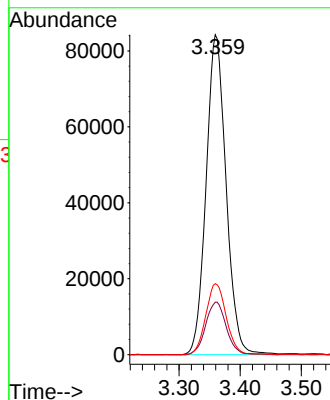
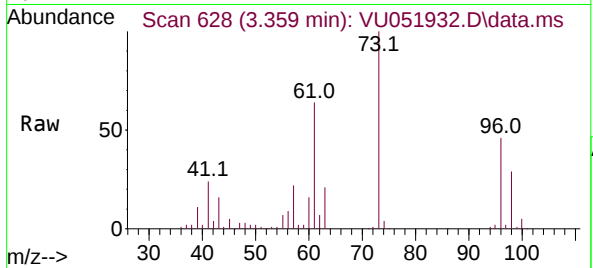




#17
Methyl tert-butyl Ether
Concen: 5.063 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

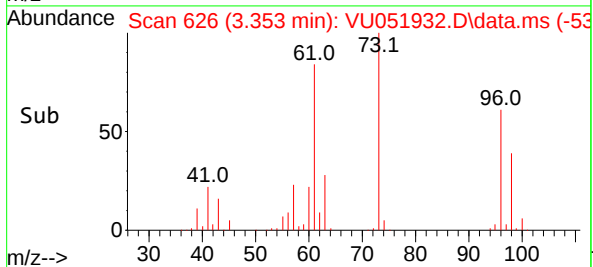
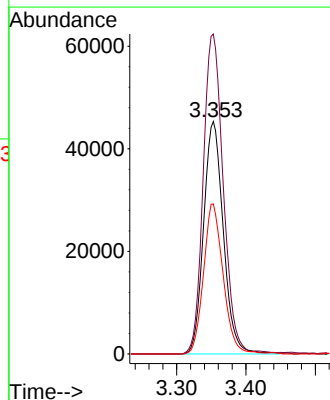
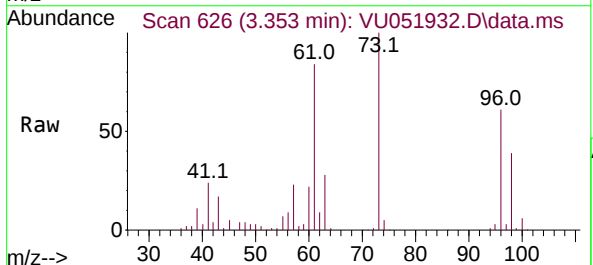
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

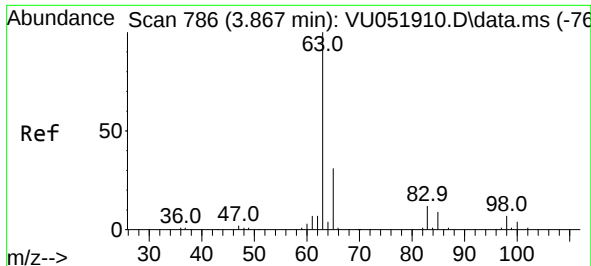
Tgt Ion: 73 Resp: 191362
Ion Ratio Lower Upper
73 100
43 16.8 13.2 19.8
57 22.7 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.949 ug/L
RT: 3.353 min Scan# 626
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 96 Resp: 89582
Ion Ratio Lower Upper
96 100
61 137.6 97.9 181.7
98 64.5 43.8 81.3

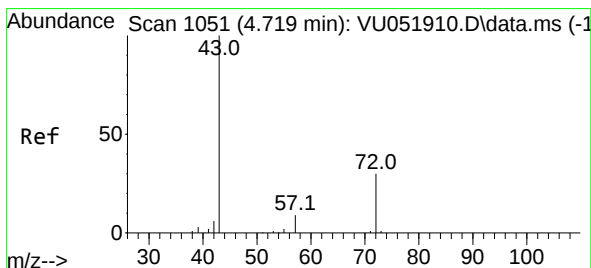
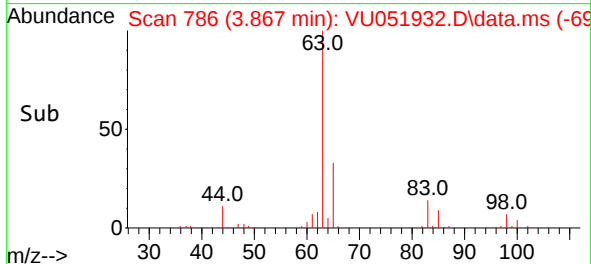
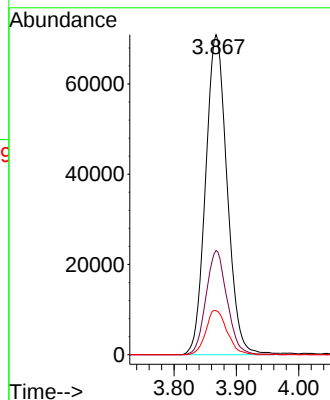
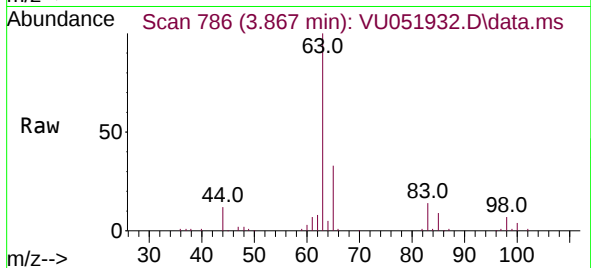




#19
1,1-Dichloroethane
Concen: 5.206 ug/L
RT: 3.867 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

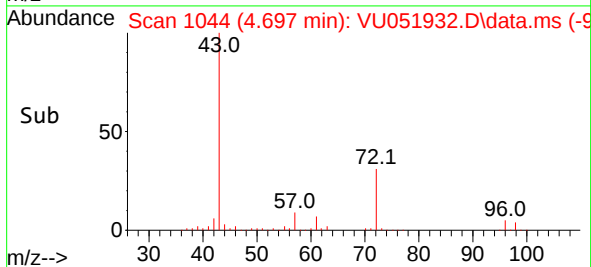
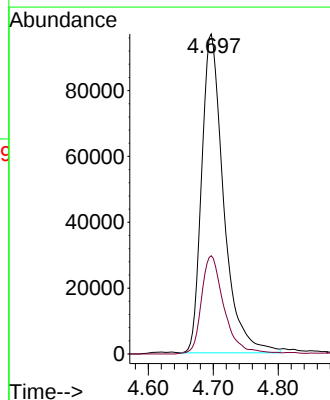
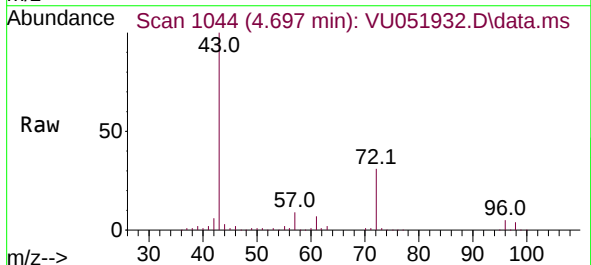
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

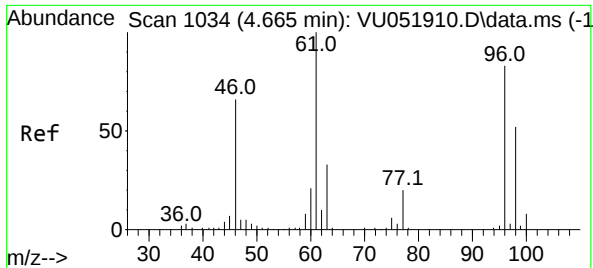
Tgt Ion: 63 Resp: 169810
Ion Ratio Lower Upper
63 100
65 32.6 22.2 41.2
83 13.8 9.2 17.0



#21
2-Butanone
Concen: 51.050 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.023 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 43 Resp: 228009
Ion Ratio Lower Upper
43 100
72 31.7 15.6 46.8





#22

cis-1,2-Dichloroethene

Concen: 5.152 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

EW701MS

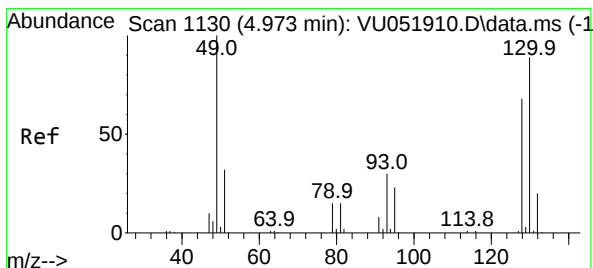
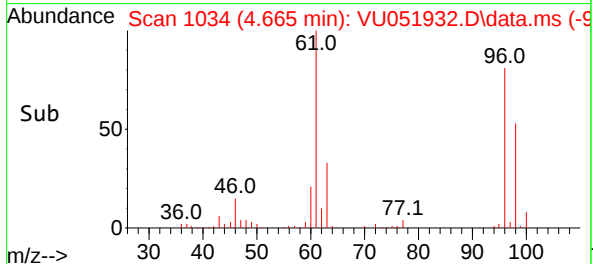
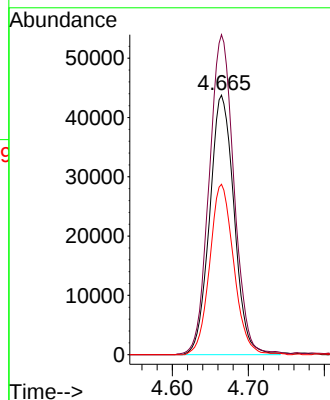
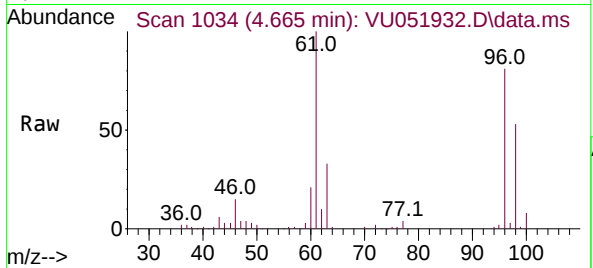
Tgt Ion: 96 Resp: 97853

Ion Ratio Lower Upper

96 100

61 123.3 85.1 158.1

98 65.7 42.8 79.6



#23

Bromochloromethane

Concen: 5.168 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Tgt Ion:128 Resp: 46967

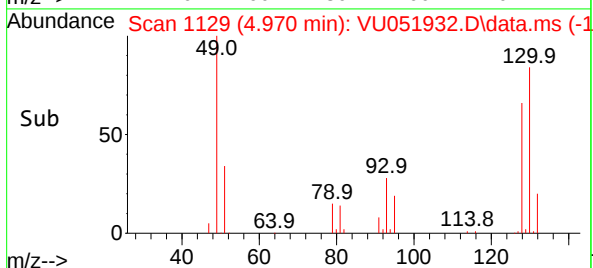
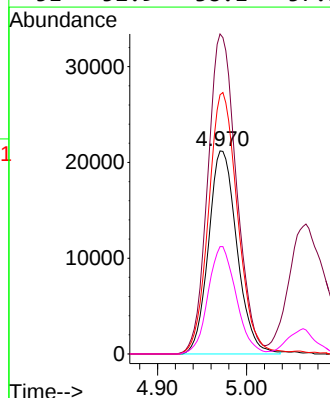
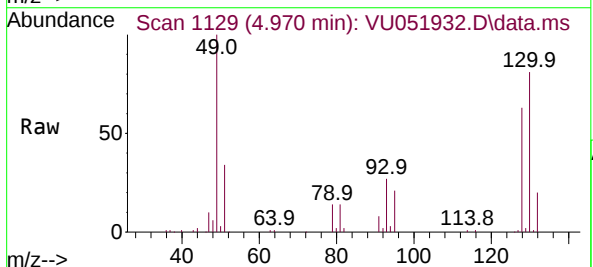
Ion Ratio Lower Upper

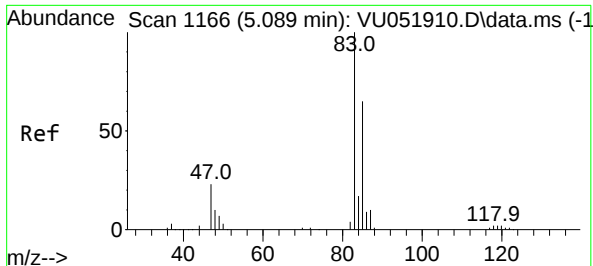
128 100

49 157.6 104.0 193.2

130 127.6 84.6 157.2

51 52.9 38.1 57.1





#25

Chloroform

Concen: 5.312 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

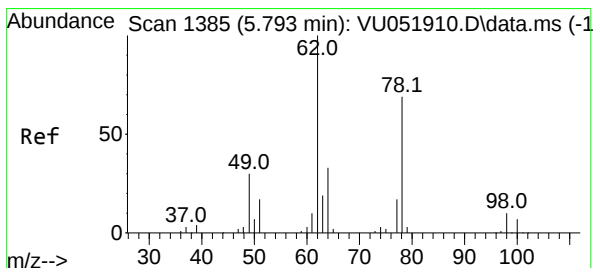
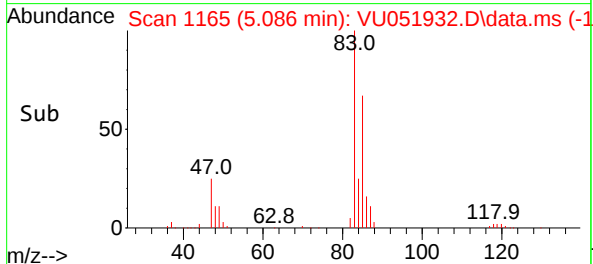
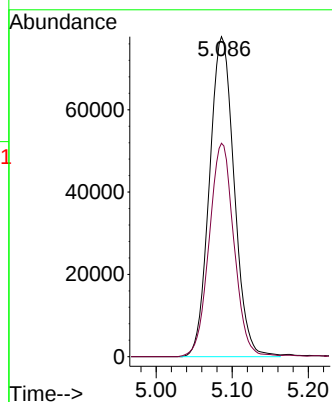
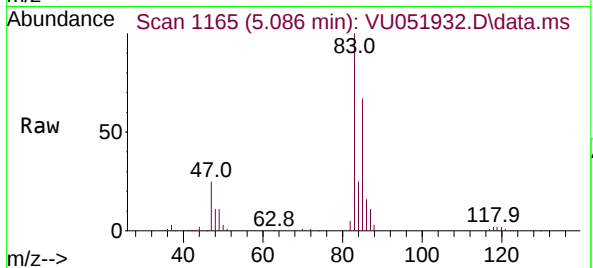
EW701MS

Tgt Ion: 83 Resp: 175585

Ion Ratio Lower Upper

83 100

85 66.7 43.8 81.4



#27

1,2-Dichloroethane

Concen: 5.309 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051932.D

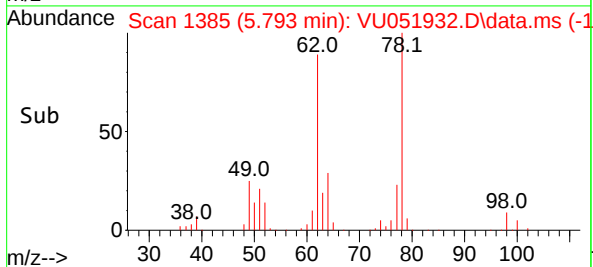
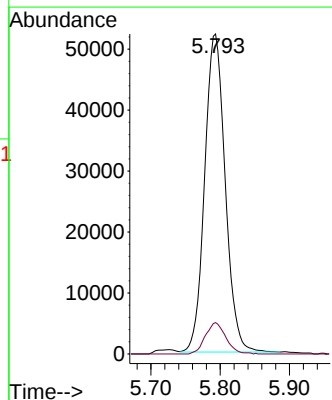
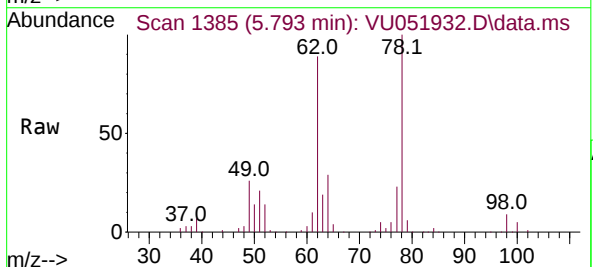
Acq: 19 Nov 2022 04:27

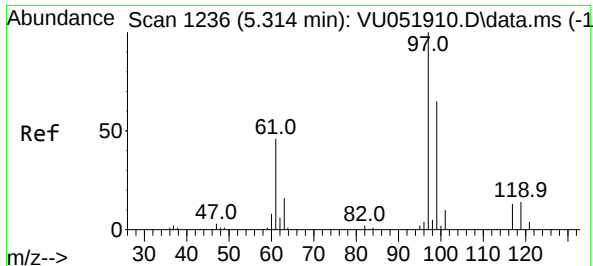
Tgt Ion: 62 Resp: 107481

Ion Ratio Lower Upper

62 100

98 9.8 8.4 12.6



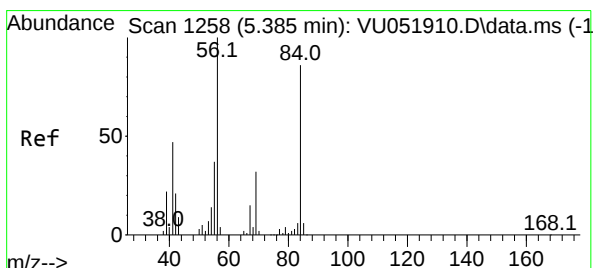
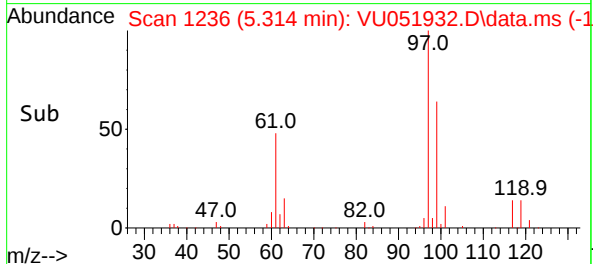
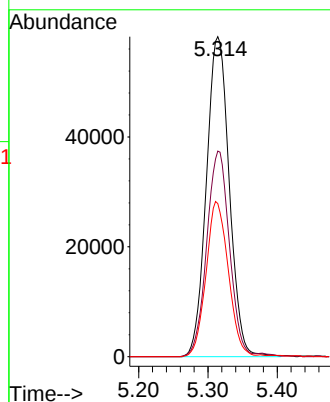
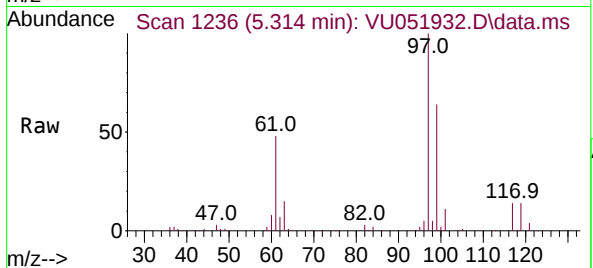


#29
1,1,1-Trichloroethane
Concen: 5.149 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Instrument :
MSVOA_U
ClientSampleId :
EW701MS

Tgt Ion: 97 Resp: 133652

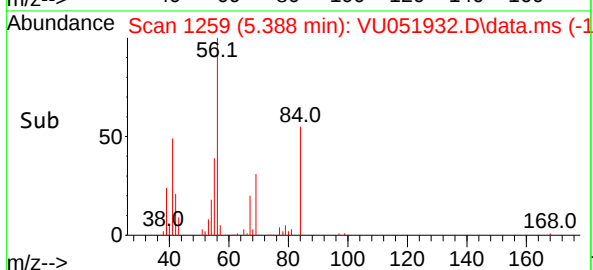
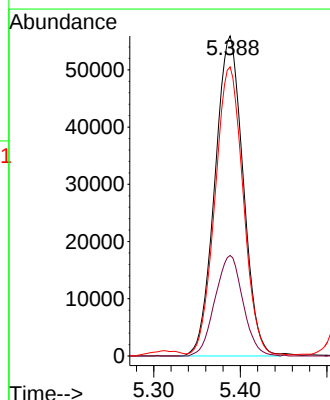
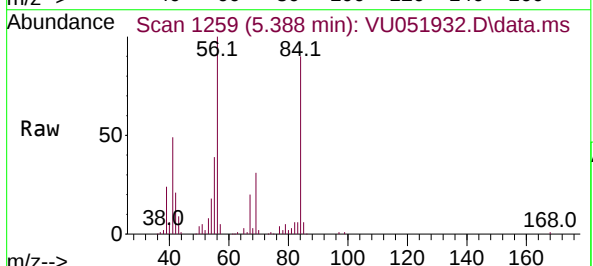
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.6
61	47.2	36.9	55.3

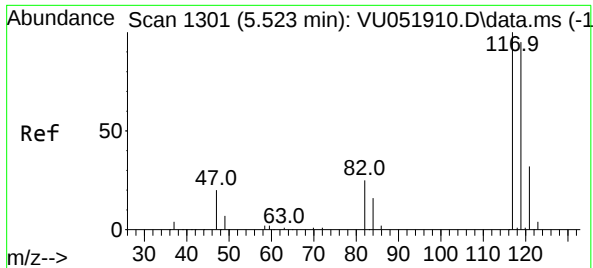


#30
Cyclohexane
Concen: 5.020 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 56 Resp: 126526

Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.6	38.4
84	90.2	72.0	108.0

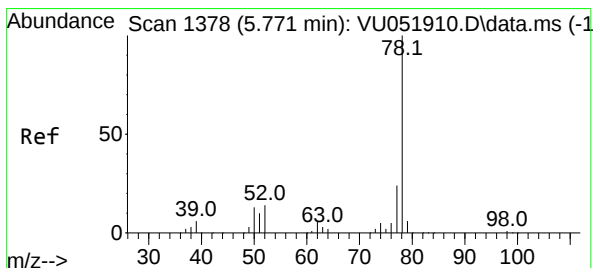
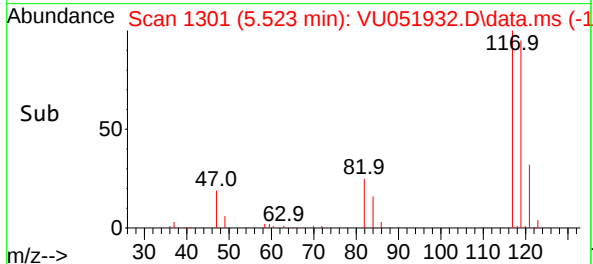
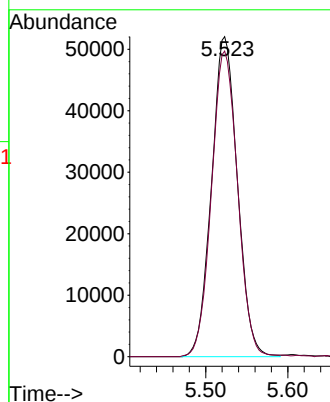
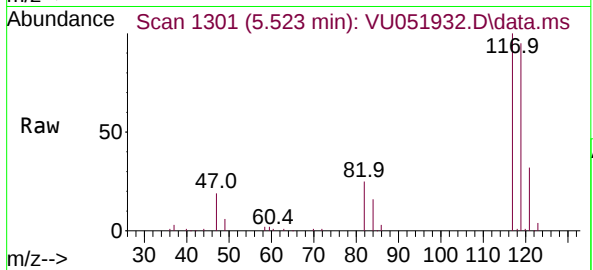




#31
Carbon tetrachloride
Concen: 5.178 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

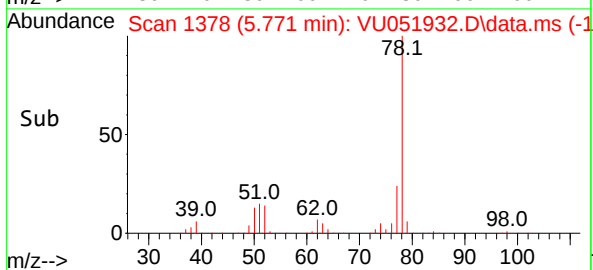
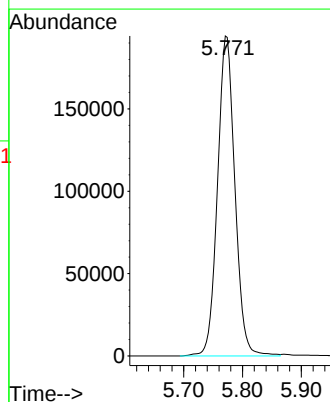
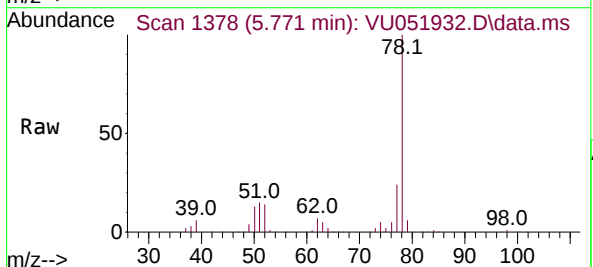
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

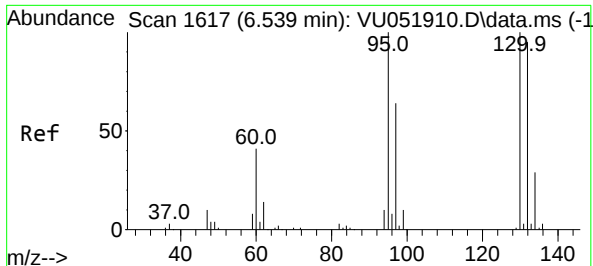
Tgt Ion:117 Resp: 114196
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 5.249 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 78 Resp: 399640

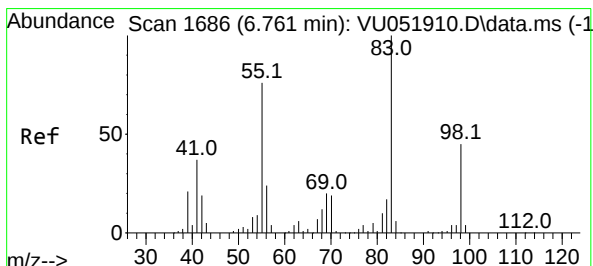
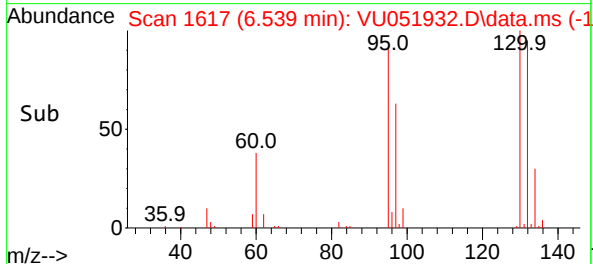
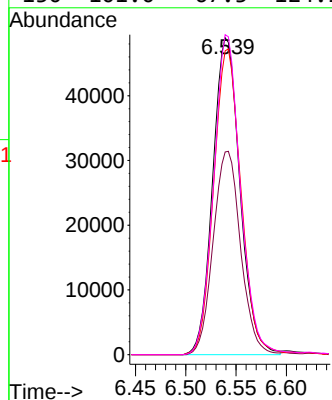
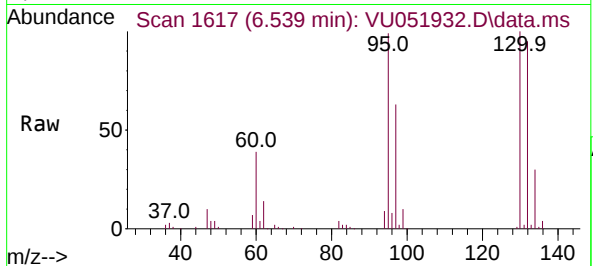




#34
Trichloroethene
Concen: 4.848 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

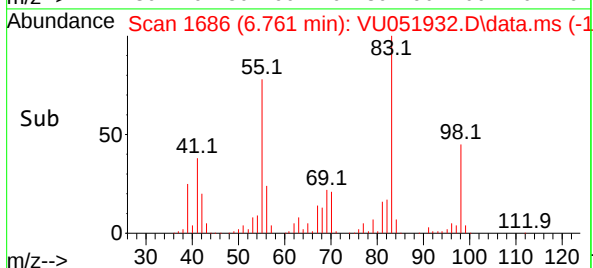
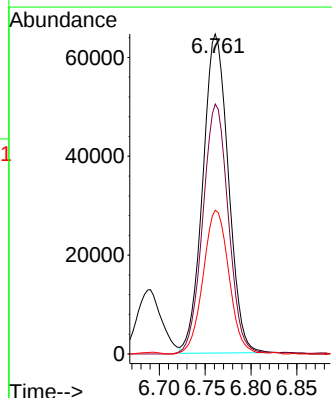
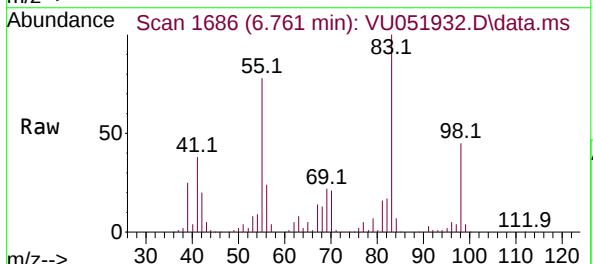
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

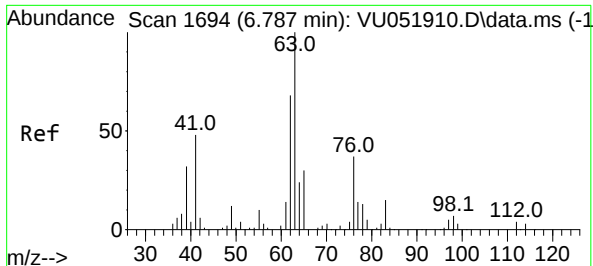
Tgt Ion: 95 Resp: 92080
Ion Ratio Lower Upper
95 100
97 64.0 43.7 81.1
132 95.8 64.3 119.3
130 101.0 67.3 124.9



#35
Methylcyclohexane
Concen: 4.586 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 83 Resp: 125302
Ion Ratio Lower Upper
83 100
55 78.6 60.8 91.2
98 45.6 35.1 52.7

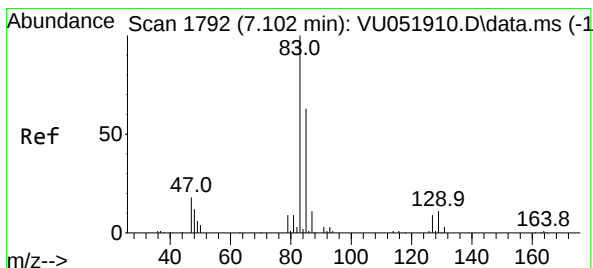
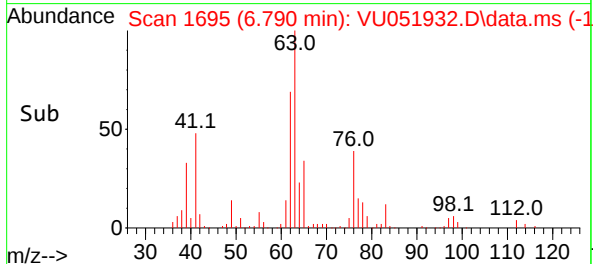
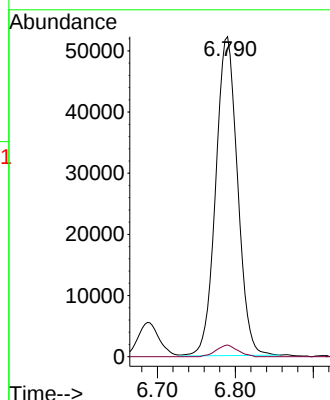
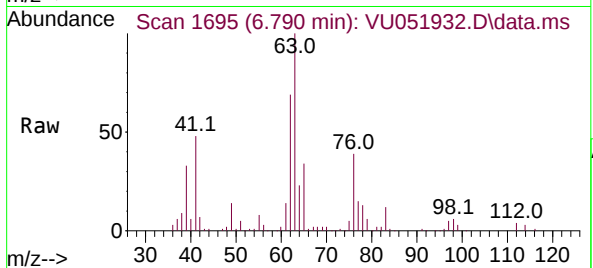




#37
1,2-Dichloropropane
Concen: 5.153 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

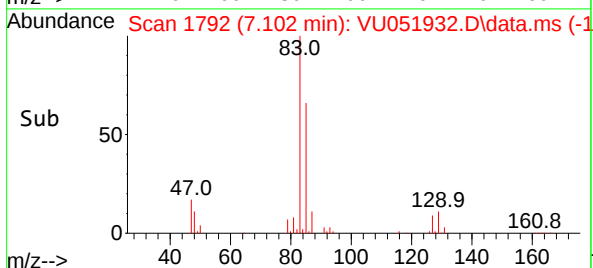
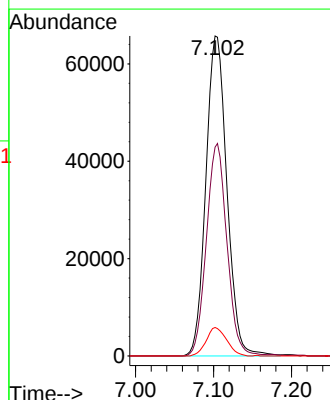
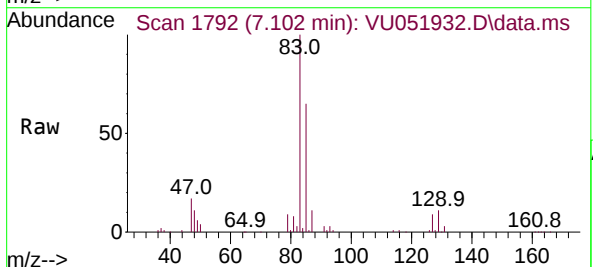
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

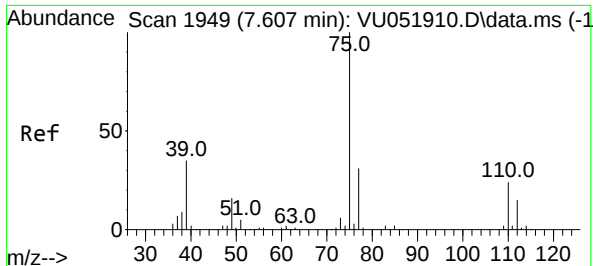
Tgt Ion: 63 Resp: 101596
Ion Ratio Lower Upper
63 100
112 3.6 3.3 4.9



#38
Bromodichloromethane
Concen: 5.132 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 83 Resp: 123353
Ion Ratio Lower Upper
83 100
85 65.2 43.5 80.9
127 8.9 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 4.942 ug/L

RT: 7.603 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

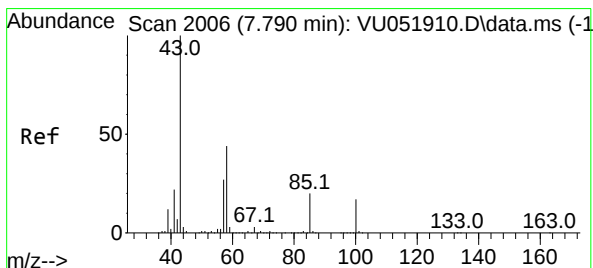
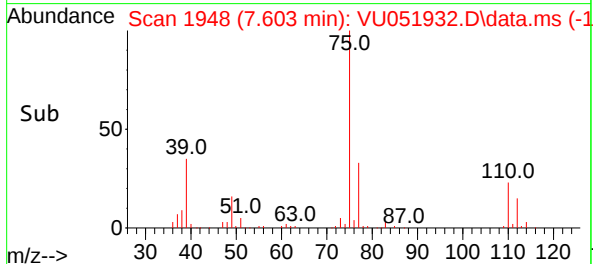
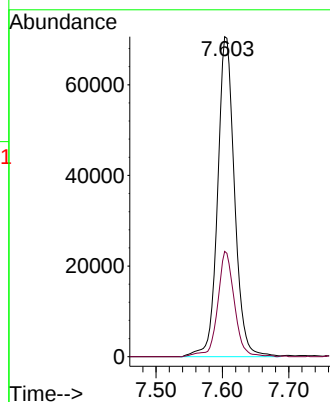
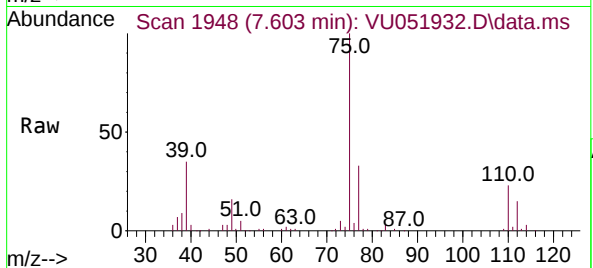
EW701MS

Tgt Ion: 75 Resp: 125085

Ion Ratio Lower Upper

75 100

77 32.9 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 54.401 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

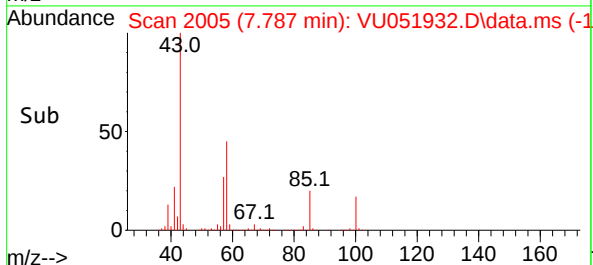
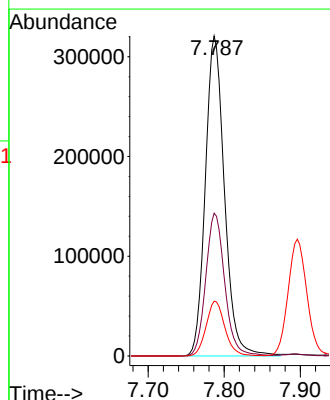
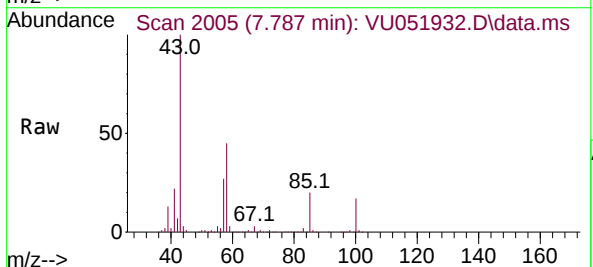
Tgt Ion: 43 Resp: 560221

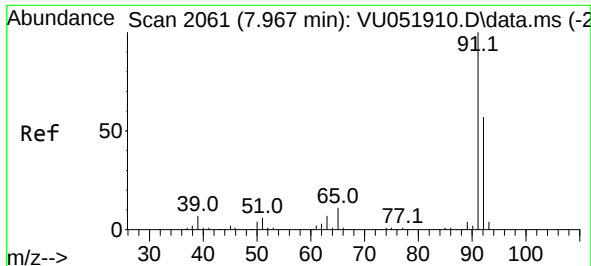
Ion Ratio Lower Upper

43 100

58 44.2 35.3 52.9

100 16.9 13.6 20.4





#42

Toluene

Concen: 5.372 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

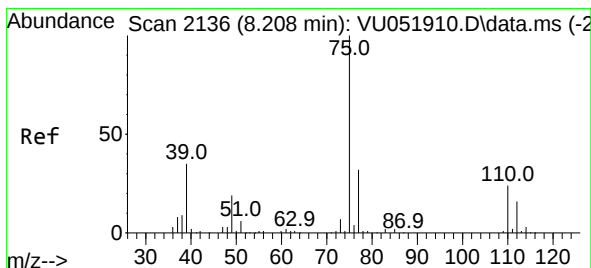
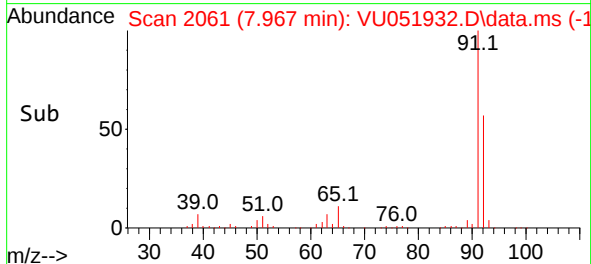
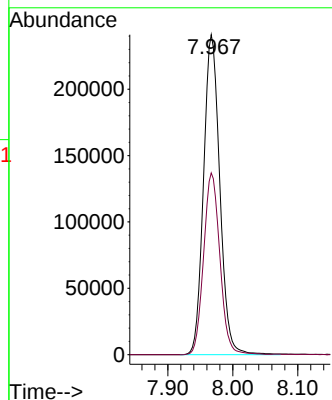
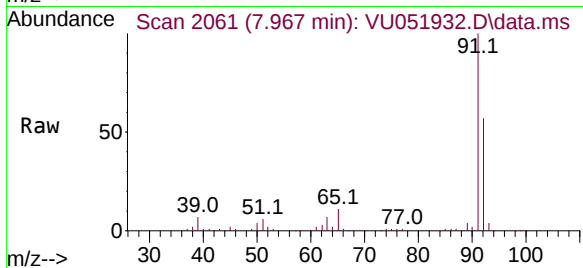
EW701MS

Tgt Ion: 91 Resp: 420723

Ion Ratio Lower Upper

91 100

92 56.8 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.021 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051932.D

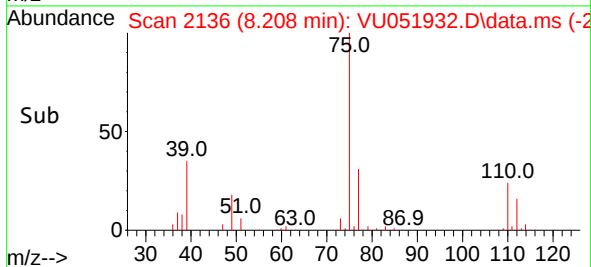
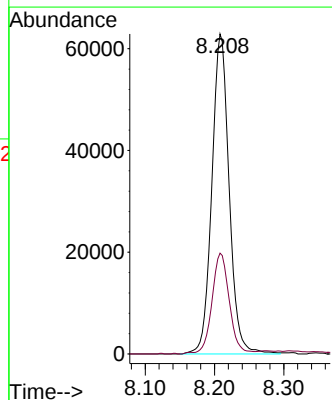
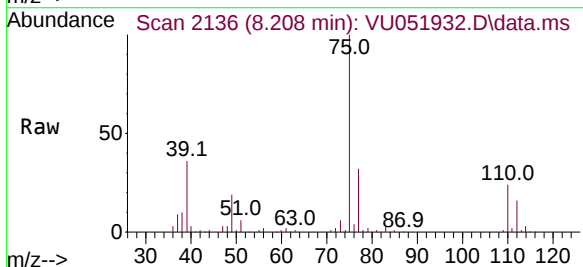
Acq: 19 Nov 2022 04:27

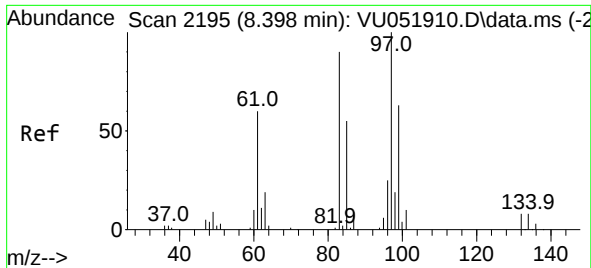
Tgt Ion: 75 Resp: 108821

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0

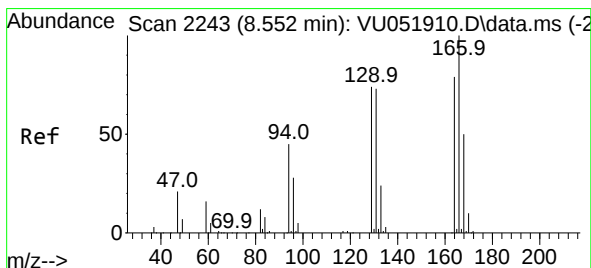
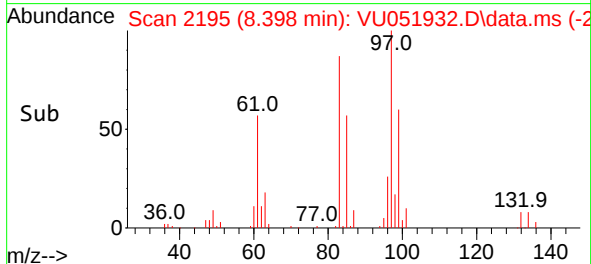
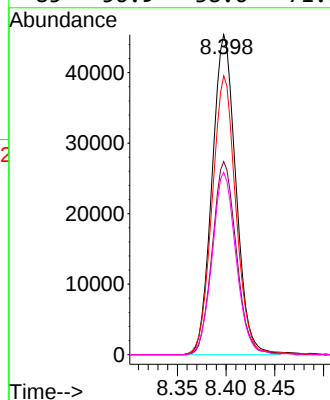
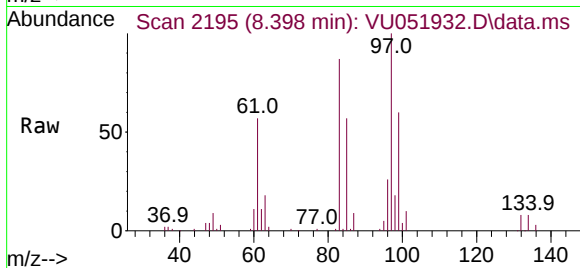




#45
1,1,2-Trichloroethane
Concen: 5.201 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

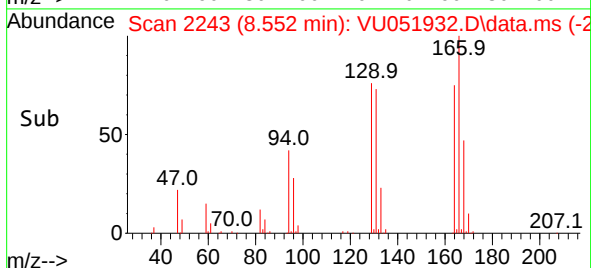
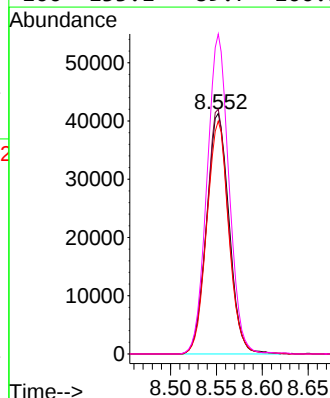
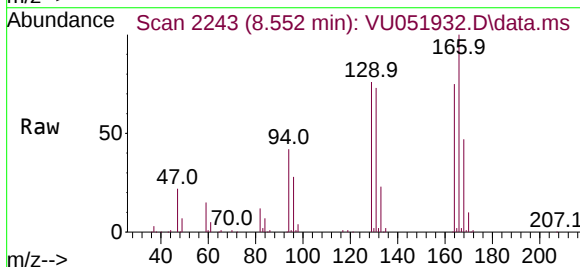
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

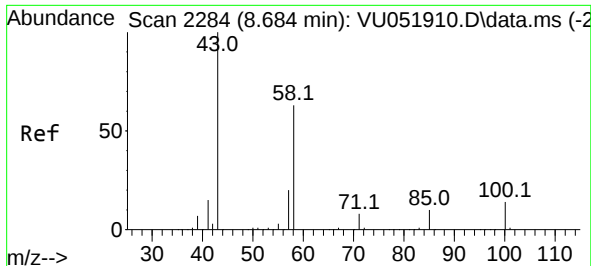
Tgt Ion:	97	Resp:	77053
Ion	Ratio	Lower	Upper
97	100		
99	60.4	42.6	79.2
83	87.2	60.7	112.7
85	56.9	38.6	71.6



#47
Tetrachloroethene
Concen: 4.841 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion:	164	Resp:	70455
Ion	Ratio	Lower	Upper
164	100		
129	101.7	67.4	125.2
131	96.9	67.1	124.7
166	133.1	89.7	166.5

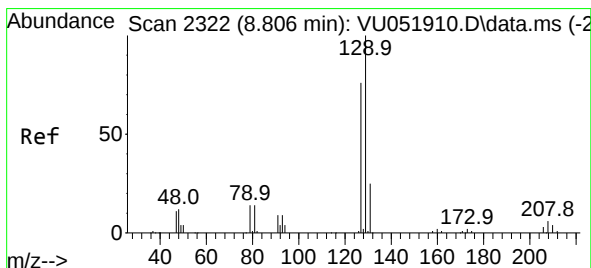
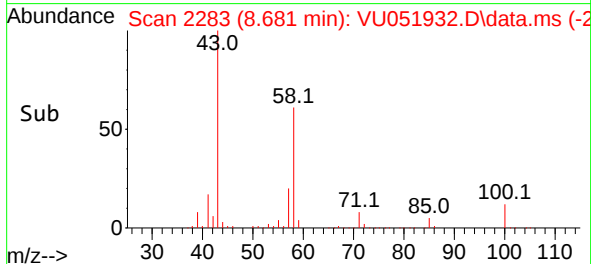
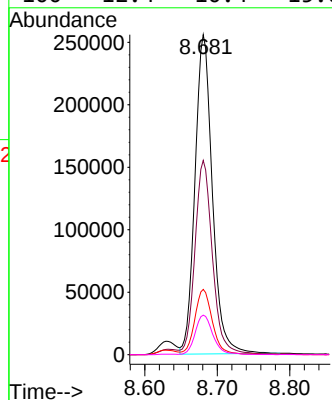
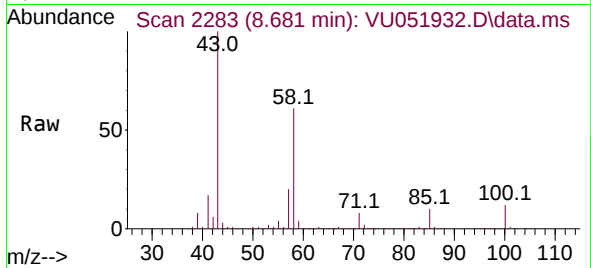




#48
2-Hexanone
Concen: 56.519 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

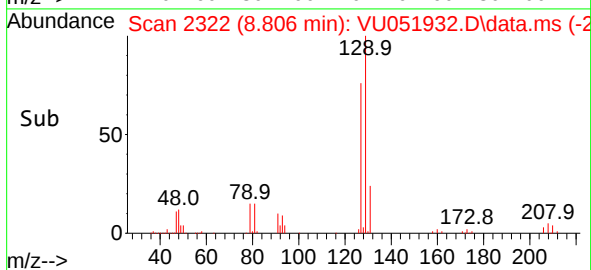
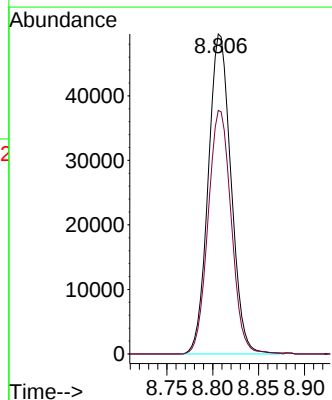
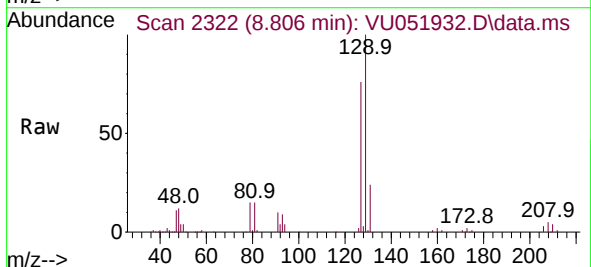
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

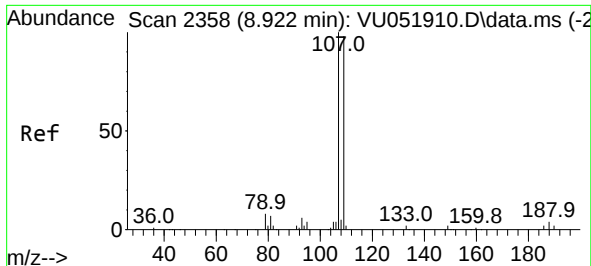
Tgt Ion: 43 Resp: 426693
Ion Ratio Lower Upper
43 100
58 60.8 49.4 74.0
57 20.6 16.3 24.5
100 12.4 10.4 15.6



#49
Dibromochloromethane
Concen: 5.162 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 129 Resp: 85658
Ion Ratio Lower Upper
129 100
127 76.1 52.8 98.2





#50

1,2-Dibromoethane

Concen: 5.279 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

EW701MS

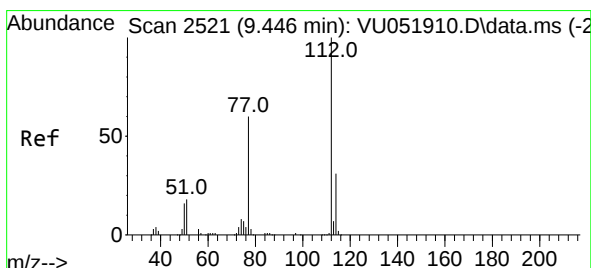
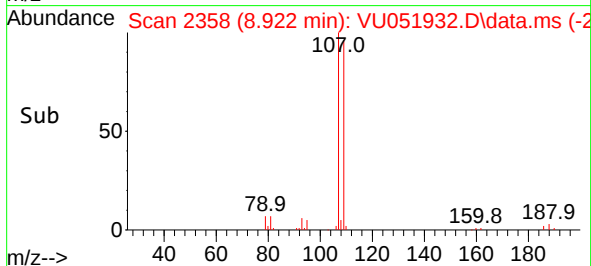
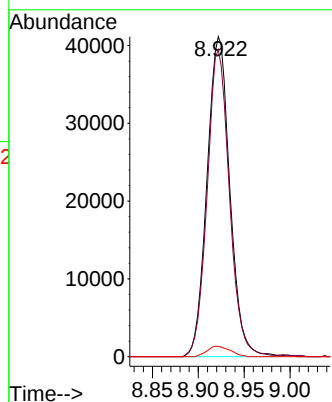
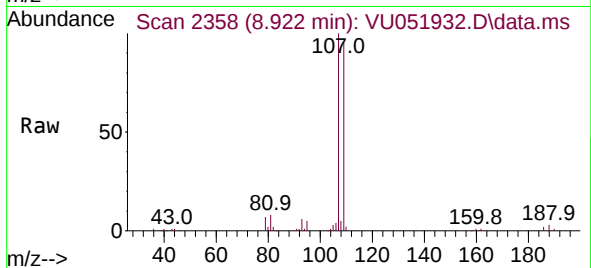
Tgt Ion:107 Resp: 71241

Ion Ratio Lower Upper

107 100

109 96.0 64.9 120.5

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 5.034 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

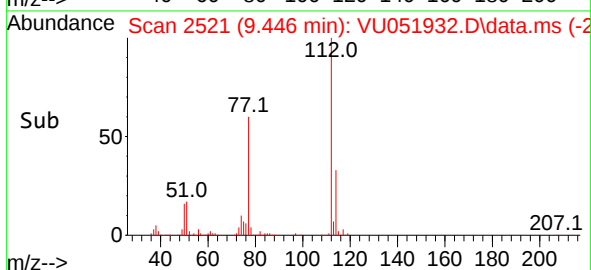
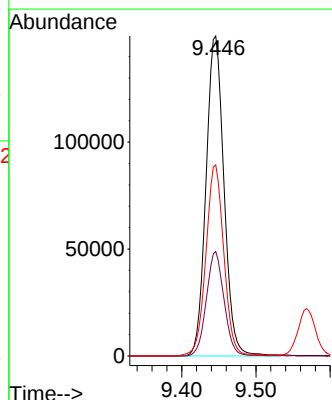
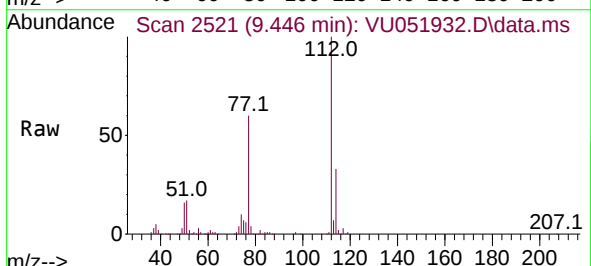
Tgt Ion:112 Resp: 251369

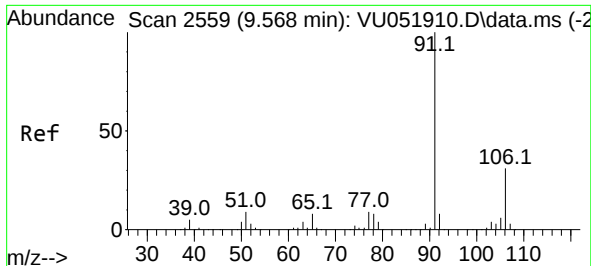
Ion Ratio Lower Upper

112 100

114 32.6 22.2 41.2

77 59.7 46.6 70.0

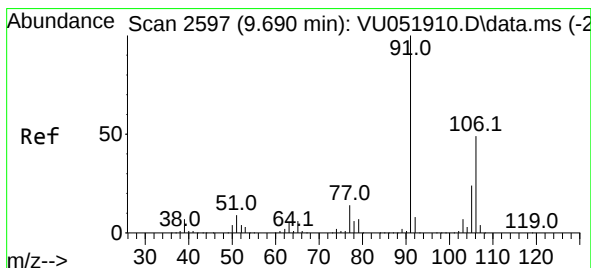
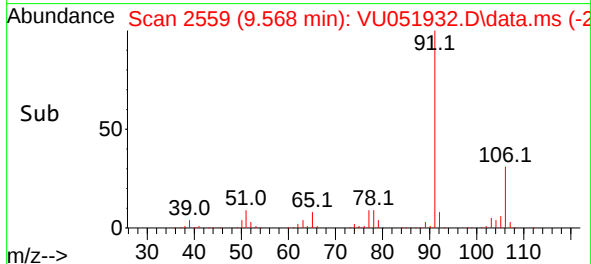
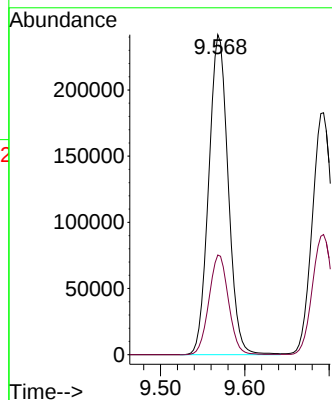
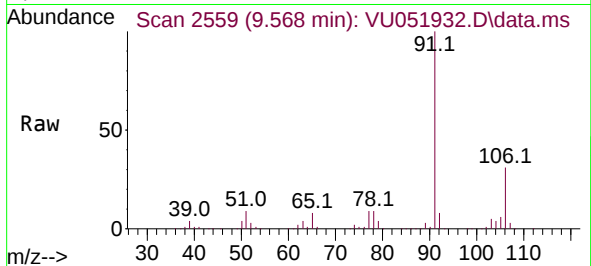




#52
Ethylbenzene
Concen: 5.088 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

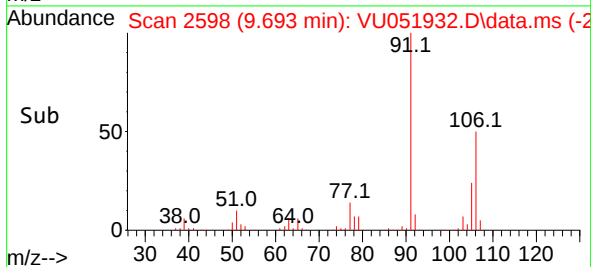
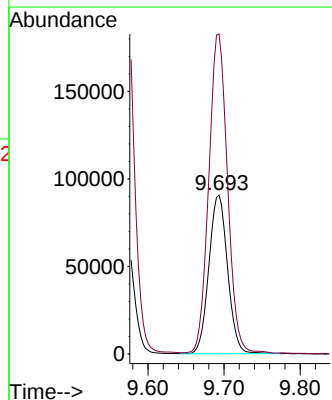
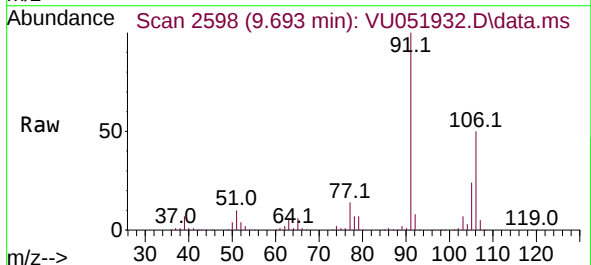
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

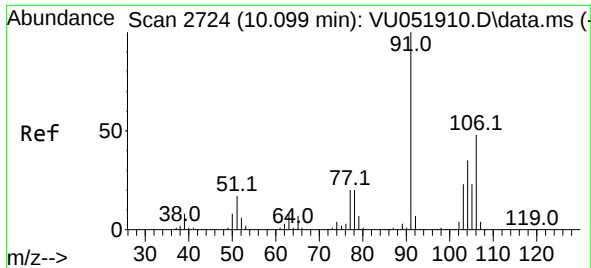
Tgt Ion: 91 Resp: 387435
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.3



#53
m,p-Xylene
Concen: 5.254 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion: 106 Resp: 154905
Ion Ratio Lower Upper
106 100
91 201.4 137.7 255.7

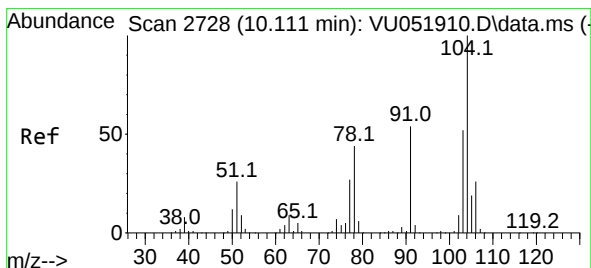
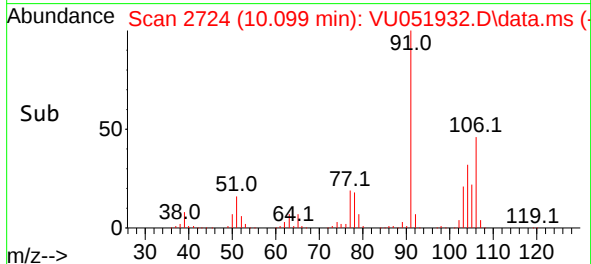
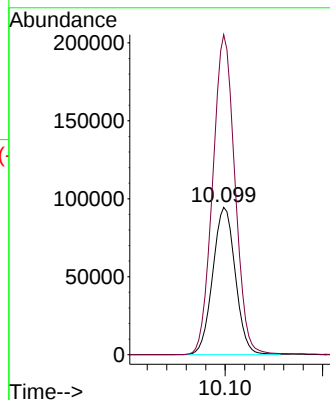
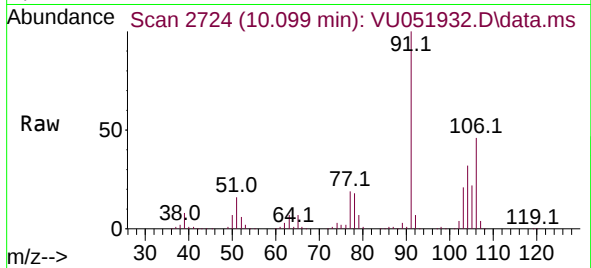




#54
o-Xylene
Concen: 5.383 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

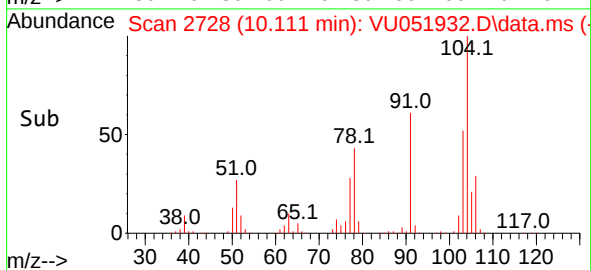
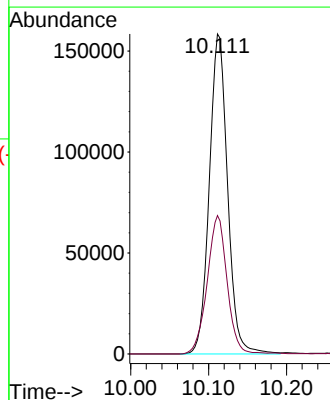
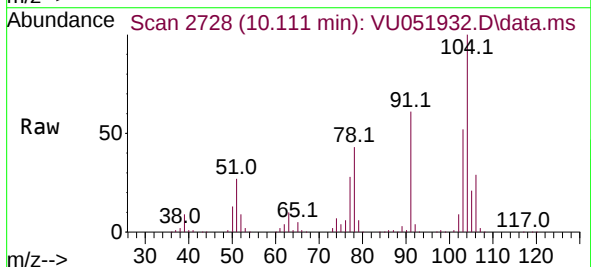
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

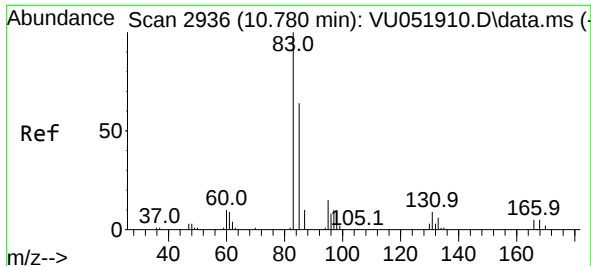
Tgt Ion:106 Resp: 152134
Ion Ratio Lower Upper
106 100
91 217.1 151.5 281.5



#55
Styrene
Concen: 5.417 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion:104 Resp: 258532
Ion Ratio Lower Upper
104 100
78 43.3 30.6 56.8





#57

1,1,2,2-Tetrachloroethane

Concen: 5.530 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

EW701MS

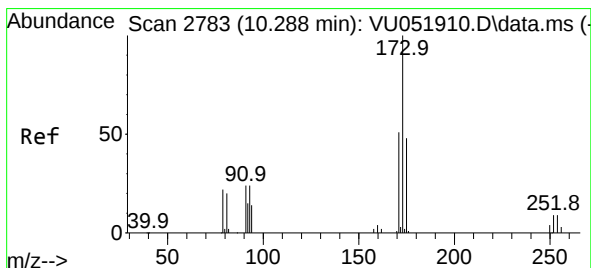
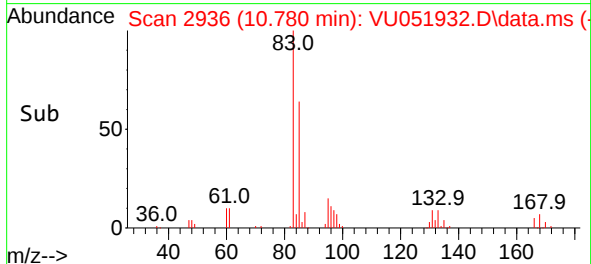
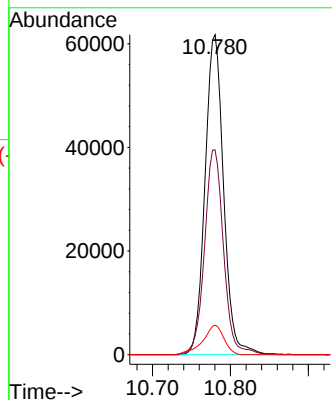
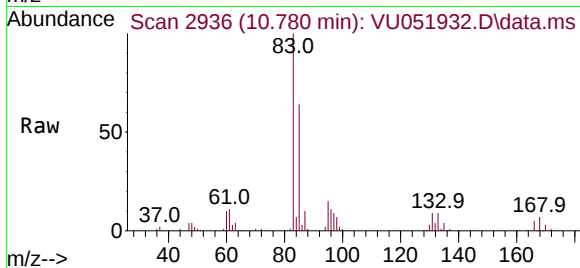
Tgt Ion: 83 Resp: 102321

Ion Ratio Lower Upper

83 100

85 64.0 45.7 84.9

131 9.2 7.6 11.4



#59

Bromoform

Concen: 4.980 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. -0.000 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

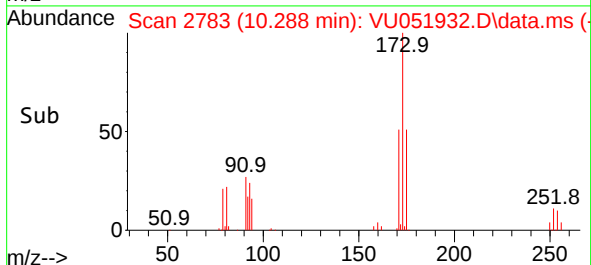
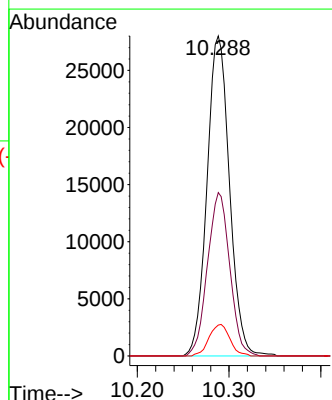
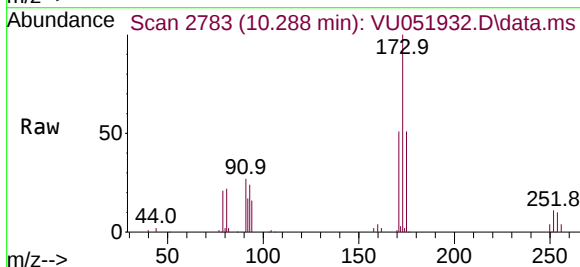
Tgt Ion:173 Resp: 47726

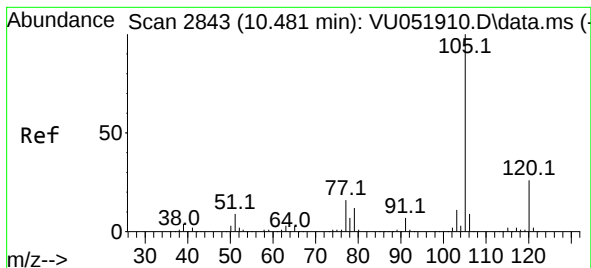
Ion Ratio Lower Upper

173 100

175 50.5 37.2 55.8

254 9.2 7.0 10.6





#60

Isopropylbenzene

Concen: 5.143 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. -0.000 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

EW701MS

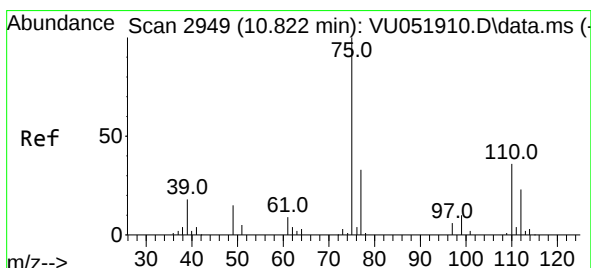
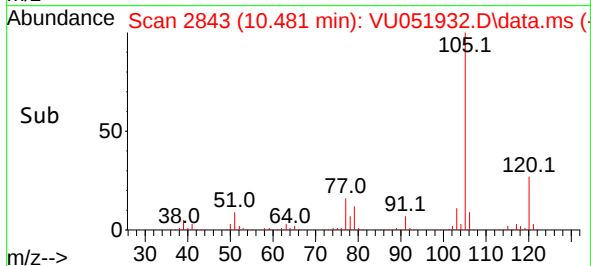
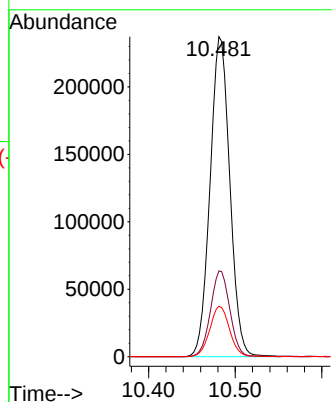
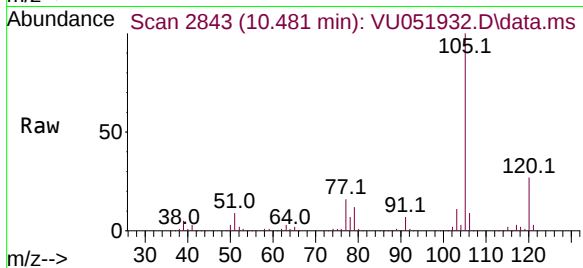
Tgt Ion:105 Resp: 375921

Ion Ratio Lower Upper

105 100

120 26.2 21.0 31.6

77 15.8 12.5 18.7



#61

1,2,3-Trichloropropane

Concen: 5.192 ug/L

RT: 10.819 min Scan# 2948

Delta R.T. -0.003 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

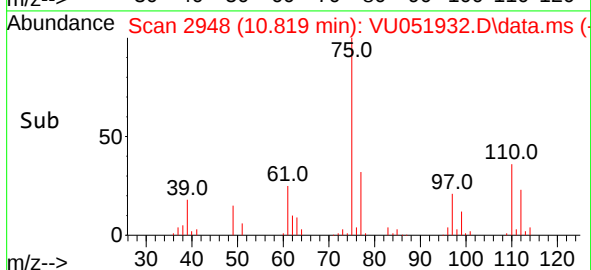
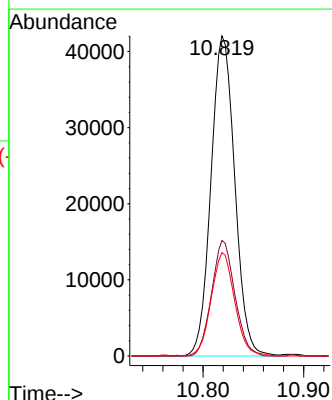
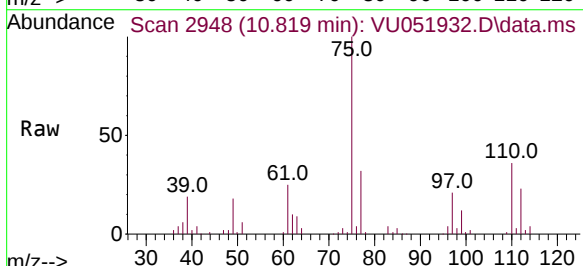
Tgt Ion: 75 Resp: 69153

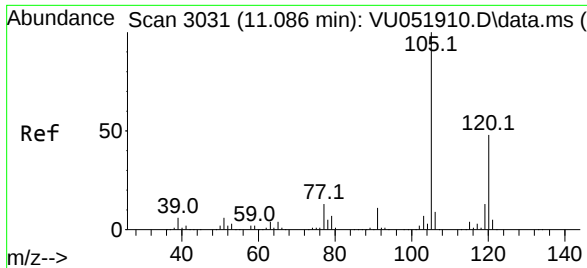
Ion Ratio Lower Upper

75 100

110 35.2 28.3 42.5

77 31.9 26.2 39.2

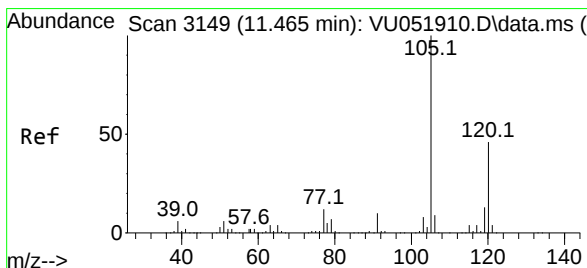
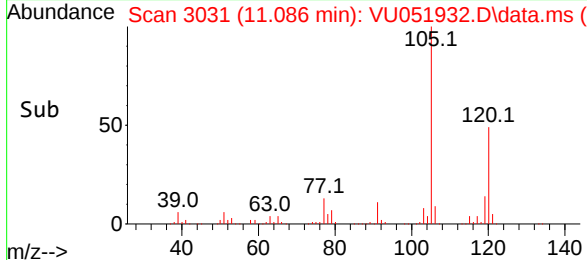
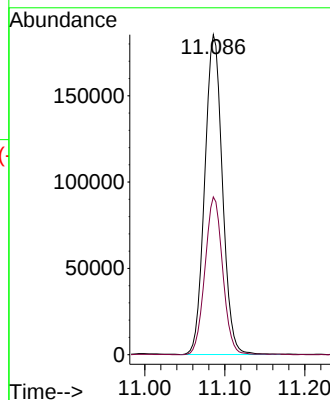
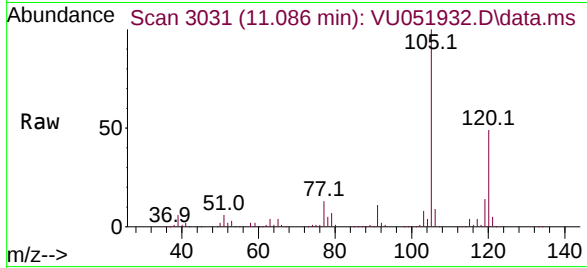




#62
1,3,5-Trimethylbenzene
Concen: 4.880 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

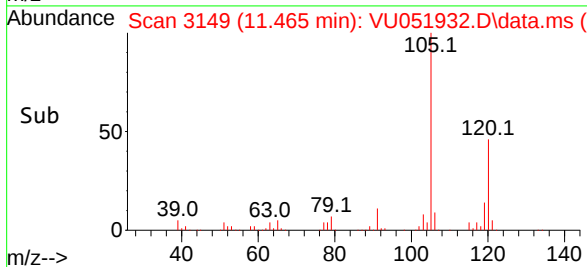
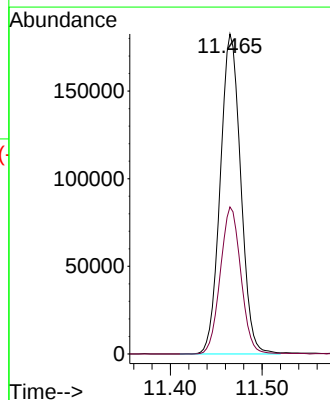
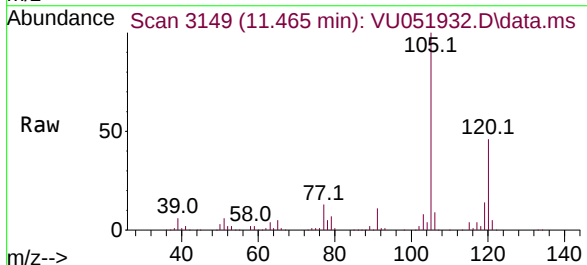
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

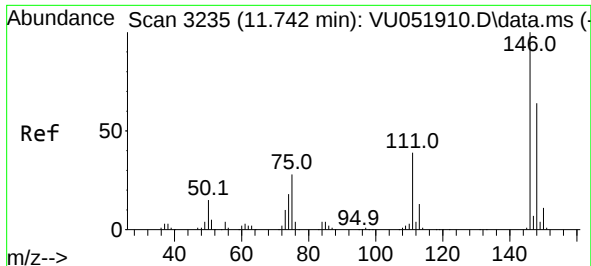
Tgt Ion:105 Resp: 285128
Ion Ratio Lower Upper
105 100
120 49.5 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 4.884 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion:105 Resp: 283250
Ion Ratio Lower Upper
105 100
120 46.2 36.6 55.0

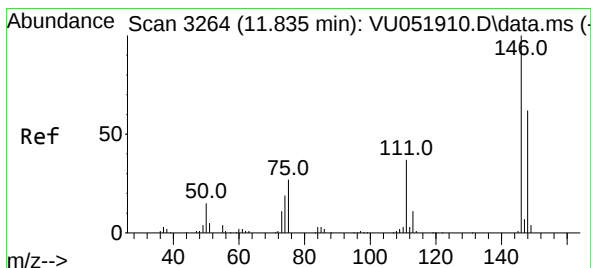
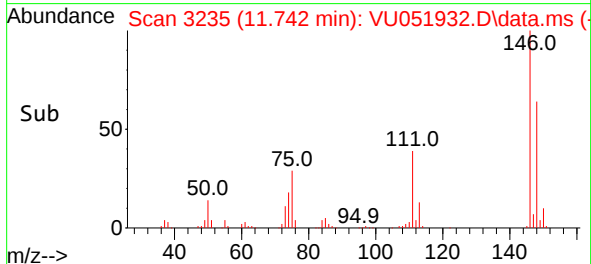
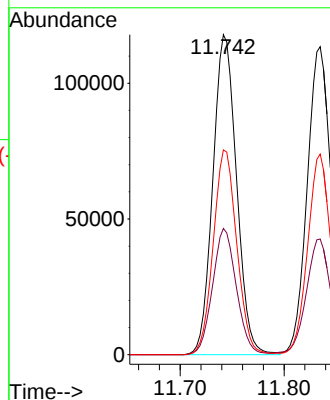
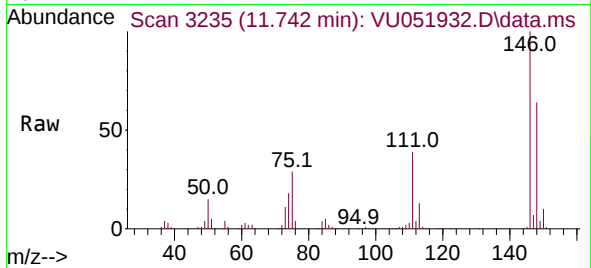




#64
1,3-Dichlorobenzene
Concen: 5.001 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

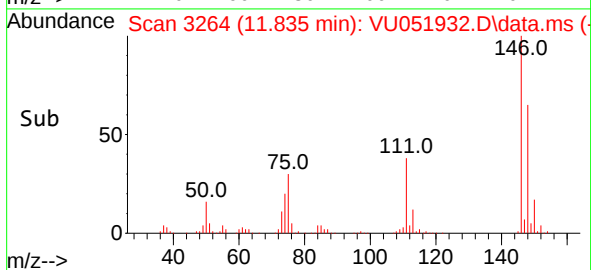
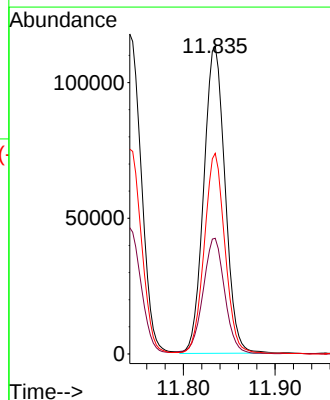
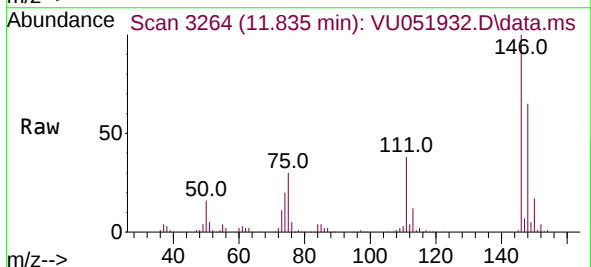
Instrument :
MSVOA_U
ClientSampleId :
EW701MS

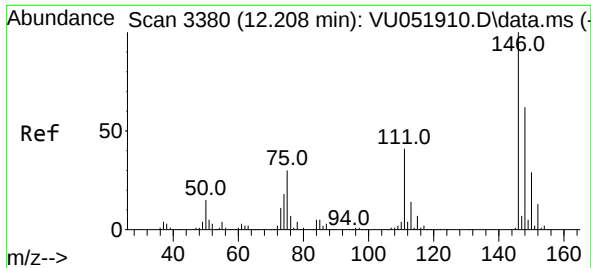
Tgt Ion:146 Resp: 186637
Ion Ratio Lower Upper
146 100
111 39.5 28.6 53.2
148 64.0 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 4.907 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion:146 Resp: 182665
Ion Ratio Lower Upper
146 100
111 37.6 26.9 50.1
148 65.2 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 5.035 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

EW701MS

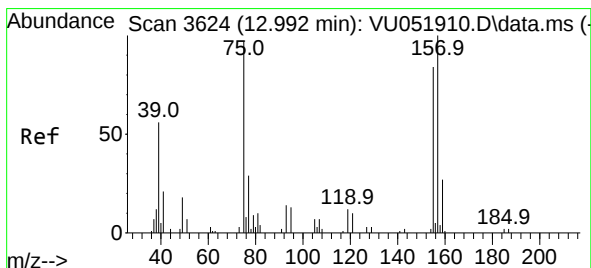
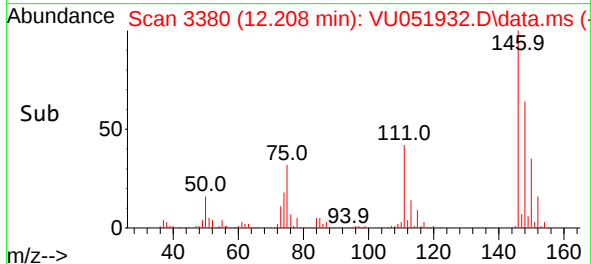
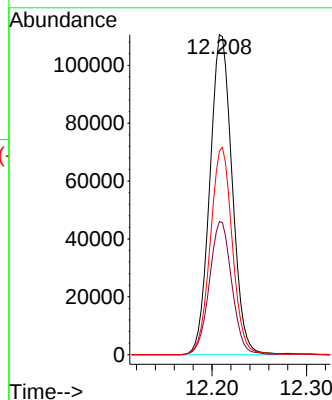
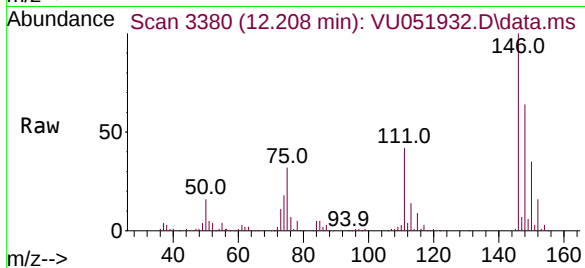
Tgt Ion:146 Resp: 180980

Ion Ratio Lower Upper

146 100

111 41.6 32.7 49.1

148 63.7 50.6 75.8



#68

1,2-Dibromo-3-chloropropane

Concen: 4.941 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

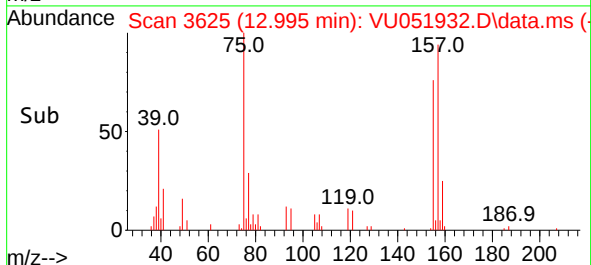
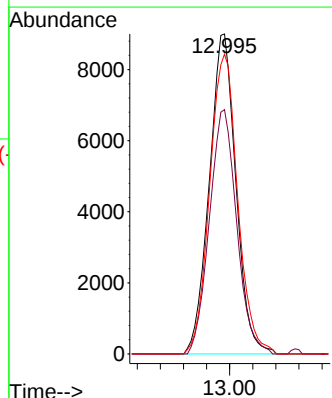
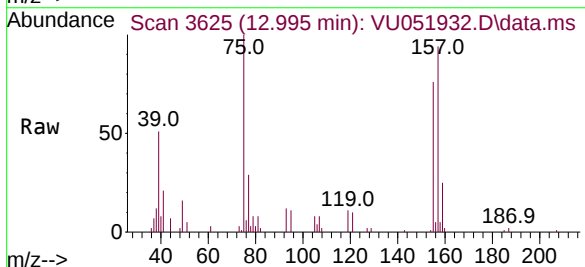
Tgt Ion: 75 Resp: 14402

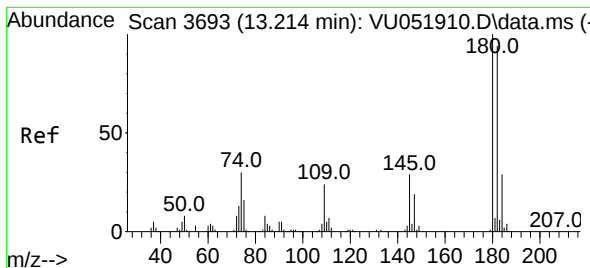
Ion Ratio Lower Upper

75 100

155 76.3 65.4 98.2

157 93.7 80.5 120.7





#69

1,3,5-Trichlorobenzene

Concen: 4.407 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.003 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

Instrument :

MSVOA_U

ClientSampleId :

EW701MS

Tgt Ion:180 Resp: 116626

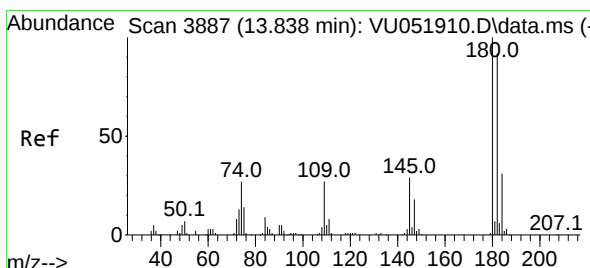
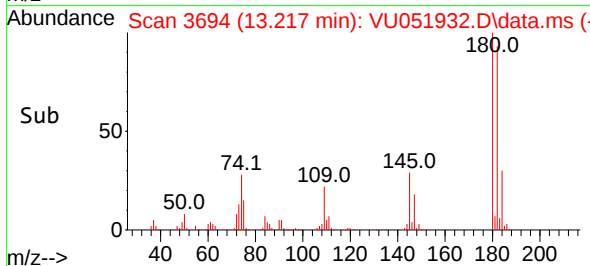
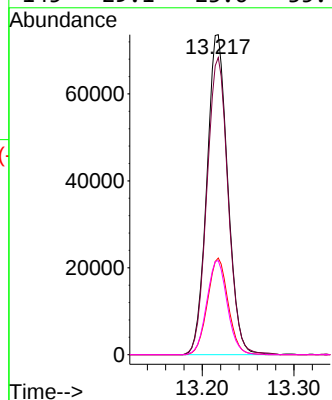
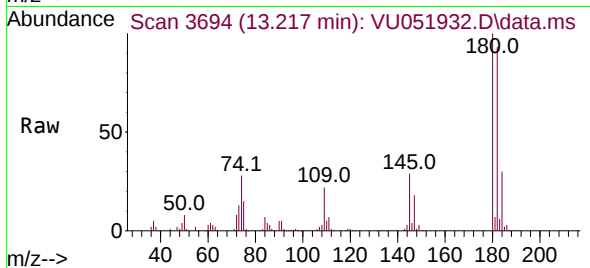
Ion Ratio Lower Upper

180 100

182 94.3 75.7 113.5

184 29.8 24.3 36.5

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 4.240 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.000 min

Lab File: VU051932.D

Acq: 19 Nov 2022 04:27

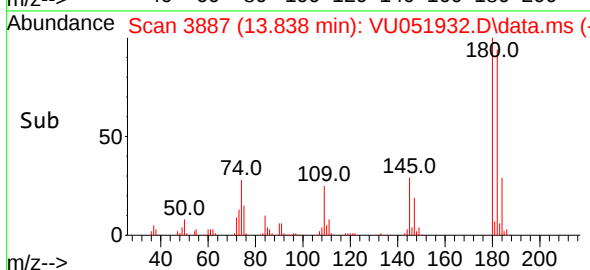
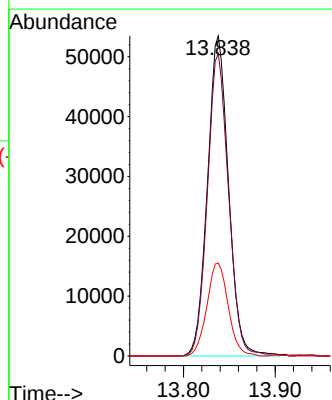
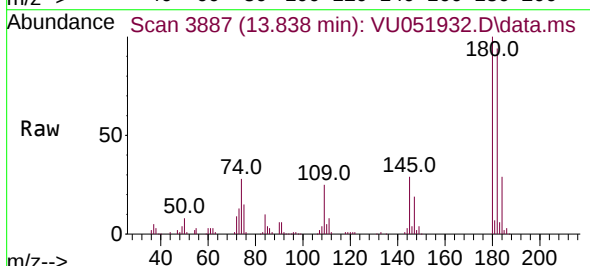
Tgt Ion:180 Resp: 85455

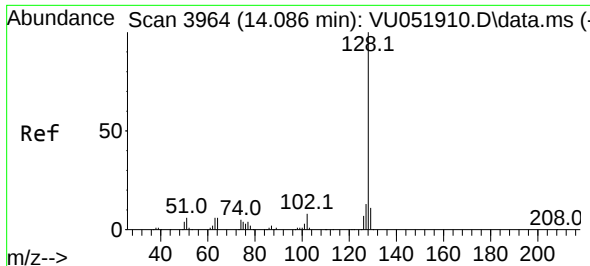
Ion Ratio Lower Upper

180 100

182 94.3 76.3 114.5

145 29.3 24.6 36.8

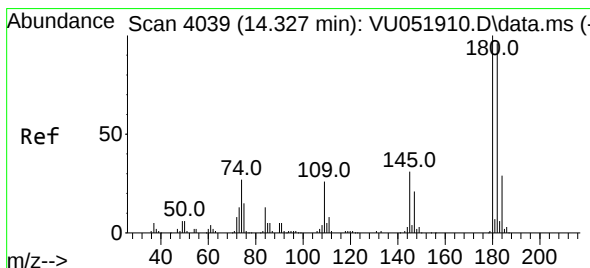
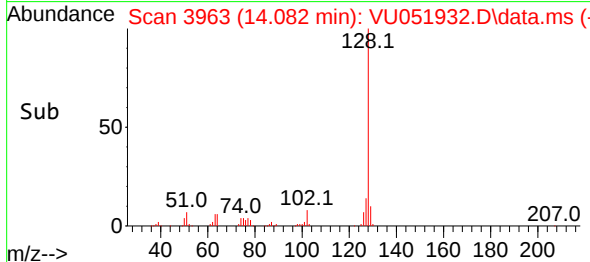
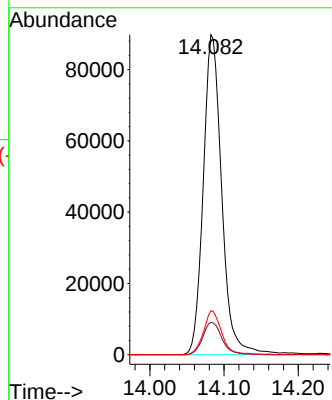
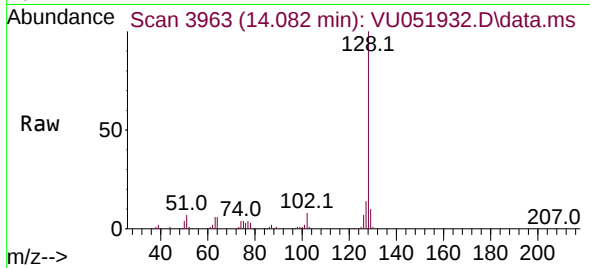




#71
Naphthalene
Concen: 4.095 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Instrument :
MSVOA_U
ClientSampleId :
EW701MS

Tgt Ion:128 Resp: 154955
Ion Ratio Lower Upper
128 100
129 10.5 8.3 12.5
127 13.5 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.365 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051932.D
Acq: 19 Nov 2022 04:27

Tgt Ion:180 Resp: 86557
Ion Ratio Lower Upper
180 100
182 98.2 75.7 113.5
145 31.6 24.5 36.7

