

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
 Data File : VU051601.D
 Acq On : 29 Oct 2022 05:40
 Operator : JC/MD
 Sample : N5276-06MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW4W5MS

Quant Time: Oct 29 06:16:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	219928	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	226526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	116239	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	65124	3.932	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.909	69	63942	3.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.000%
11) 1,1-Dichloroethene-d2	2.562	65	23261	3.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.649	46	162180	27.036	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	54.080%
24) Chloroform-d	5.060	84	141743	3.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.200%
26) 1,2-Dichloroethane-d4	5.700	65	70111	3.348	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
32) Benzene-d6	5.726	84	256296	3.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	6.687	67	86868	3.475	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.600%
41) Toluene-d8	7.896	98	215023	3.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.179	79	22051	2.885	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.800%
46) 2-Hexanone-d5	8.636	63	150137	32.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.260%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	79613	3.476	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	78525	3.681	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	109349	4.546	ug/L	97
3) Chloromethane	1.520	50	151294	4.990	ug/L	99
5) Vinyl chloride	1.601	62	139069	4.788	ug/L #	7
6) Bromomethane	1.855	94	27404	1.990	ug/L	93
8) Chloroethane	1.932	64	80453	4.562	ug/L #	80
9) Trichlorofluoromethane	2.134	101	148886	4.670	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	83429	4.451	ug/L	98
12) 1,1-Dichloroethene	2.575	96	90792	4.749	ug/L	96
13) Acetone	2.658	43	96849	31.820	ug/L	83
14) Carbon disulfide	2.787	76	338578	5.493	ug/L	100
15) Methyl Acetate	2.964	43	18718	2.349	ug/L	98
16) Methylene chloride	3.041	84	109394	3.493	ug/L	98
17) Methyl tert-butyl Ether	3.366	73	198489	4.527	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	95942	4.676	ug/L	99
19) 1,1-Dichloroethane	3.864	63	177427	4.688	ug/L	98
21) 2-Butanone	4.729	43	181294	38.035	ug/L	86
22) cis-1,2-Dichloroethene	4.665	96	98040	4.318	ug/L	99
23) Bromochloromethane	4.973	128	48703	4.588	ug/L	99
25) Chloroform	5.086	83	181394	4.620	ug/L	99

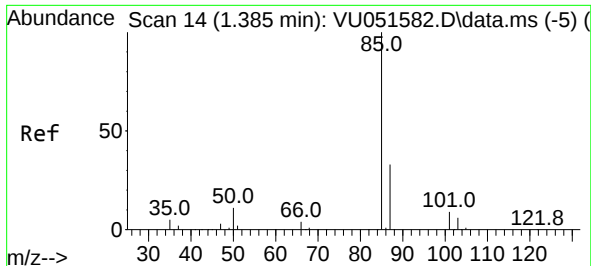
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	107124	4.433	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	143456	4.664	ug/L	99
30) Cyclohexane	5.385	56	122064	4.310	ug/L	99
31) Carbon tetrachloride	5.520	117	119439	4.541	ug/L	98
33) Benzene	5.771	78	414837	4.641	ug/L	100
34) Trichloroethene	6.539	95	95868	4.444	ug/L	100
35) Methylcyclohexane	6.761	83	118289	3.966	ug/L	97
37) 1,2-Dichloropropane	6.790	63	105593	4.592	ug/L	100
38) Bromodichloromethane	7.102	83	128846	4.588	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	105283	3.569	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	535346	46.421	ug/L	98
42) Toluene	7.967	91	439843	4.791	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	90940	3.689	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	79397	4.712	ug/L	98
47) Tetrachloroethene	8.549	164	72496	4.388	ug/L	94
48) 2-Hexanone	8.684	43	398300	46.659	ug/L	99
49) Dibromochloromethane	8.806	129	85647	4.450	ug/L	97
50) 1,2-Dibromoethane	8.922	107	68799	4.526	ug/L	92
51) Chlorobenzene	9.446	112	259781	4.496	ug/L	98
52) Ethylbenzene	9.568	91	394400	4.452	ug/L	99
53) m,p-Xylene	9.690	106	159093	4.624	ug/L	98
54) o-Xylene	10.099	106	155318	4.619	ug/L	100
55) Styrene	10.112	104	262548	4.670	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	98254	4.703	ug/L	99
59) Bromoform	10.288	173	47212	4.396	ug/L	100
60) Isopropylbenzene	10.481	105	380955	4.489	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	66872	4.449	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	96766	4.236	ug/L	97
63) 1,2,4-Trimethylbenzene	11.465	105	277725	4.216	ug/L	97
64) 1,3-Dichlorobenzene	11.742	146	194356	4.601	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	187700	4.431	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	186244	4.526	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	12785	4.131	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	124857	4.146	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	96549	4.177	ug/L	98
71) Naphthalene	14.082	128	173570	4.022	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	101028	4.328	ug/L	100

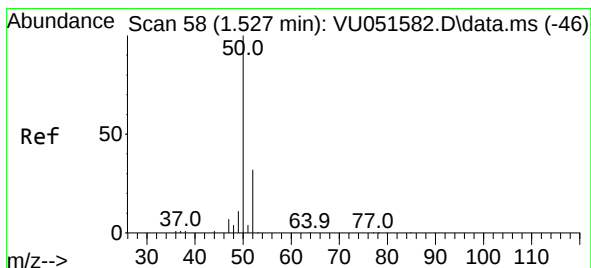
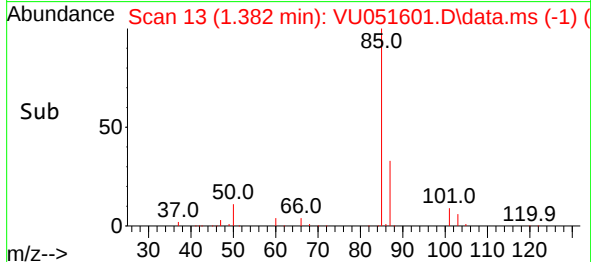
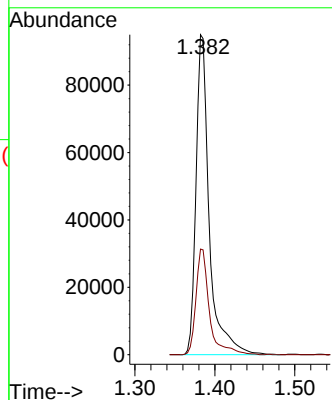
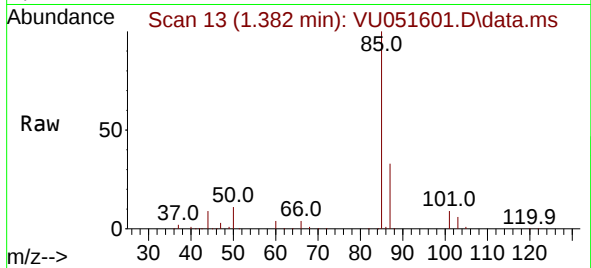
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.546 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU051601.D
 Acq: 29 Oct 2022 05:40

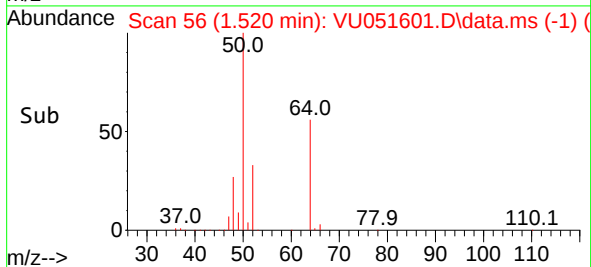
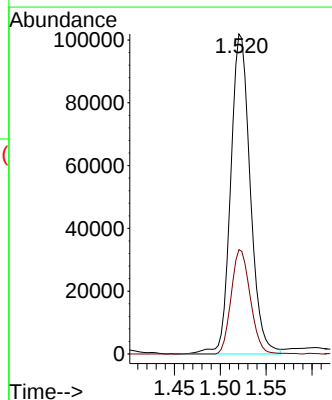
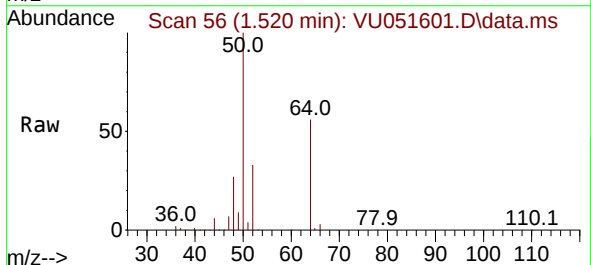
Instrument :
 MSVOA_U
 ClientSampleId :
 EW4W5MS

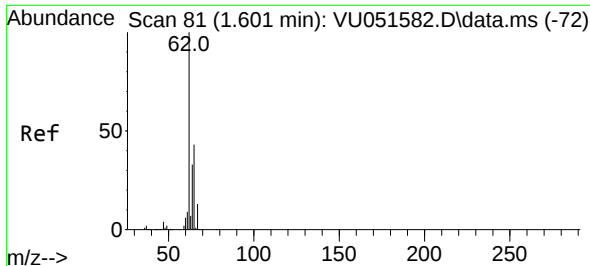
Tgt Ion: 85 Resp: 109349
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.7 38.5



#3
 Chloromethane
 Concen: 4.990 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.006 min
 Lab File: VU051601.D
 Acq: 29 Oct 2022 05:40

Tgt Ion: 50 Resp: 151294
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.2 43.2

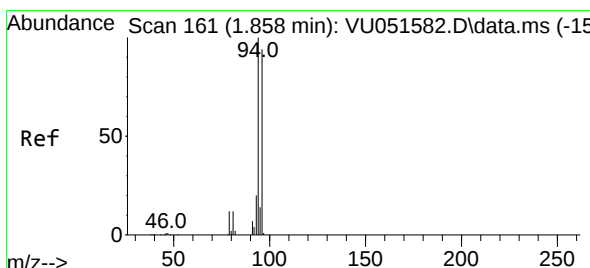
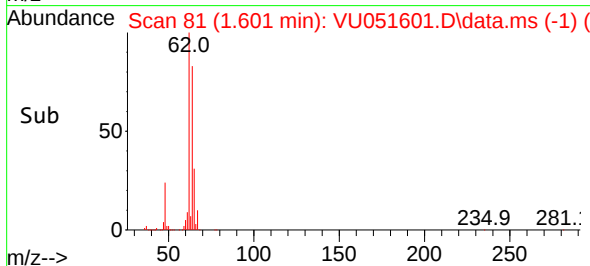
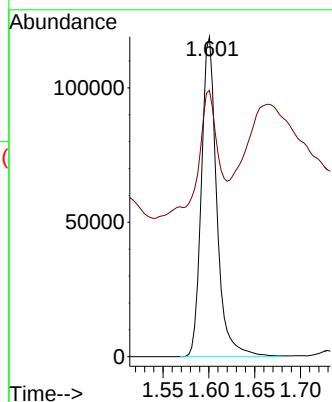
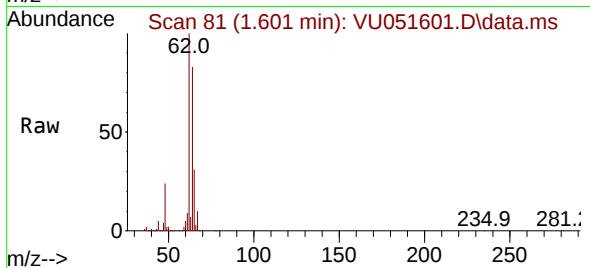




#5
 Vinyl chloride
 Concen: 4.788 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051601.D
 Acq: 29 Oct 2022 05:40

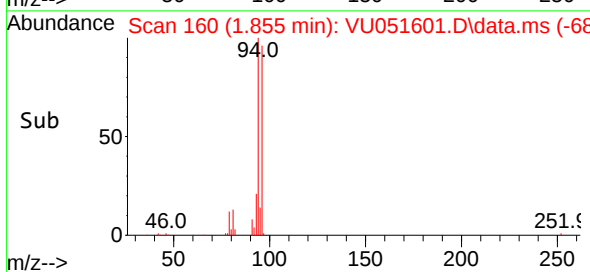
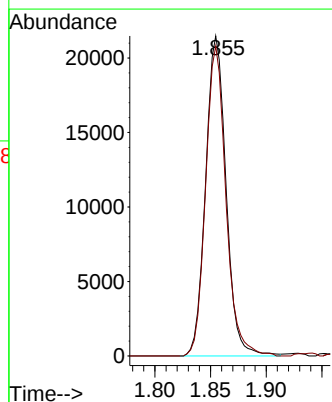
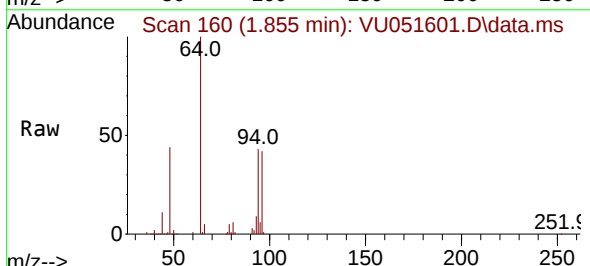
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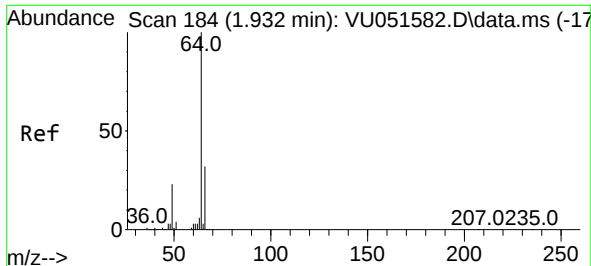
Tgt Ion: 62 Resp: 139069
 Ion Ratio Lower Upper
 62 100
 64 83.2 22.1 41.1#



#6
 Bromomethane
 Concen: 1.990 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. -0.003 min
 Lab File: VU051601.D
 Acq: 29 Oct 2022 05:40

Tgt Ion: 94 Resp: 27404
 Ion Ratio Lower Upper
 94 100
 96 96.9 63.2 117.4

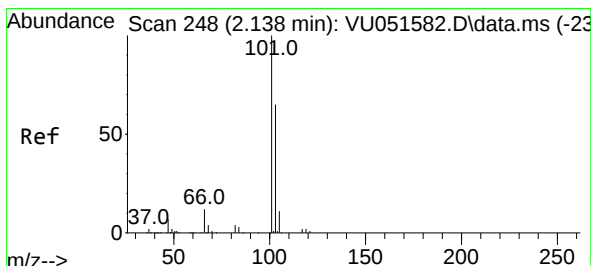
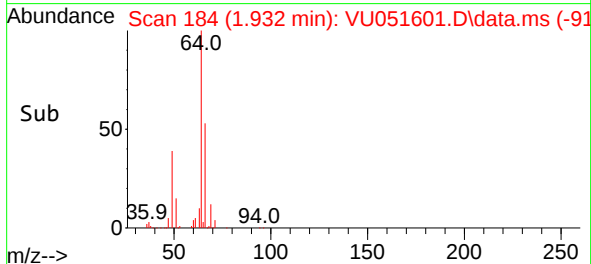
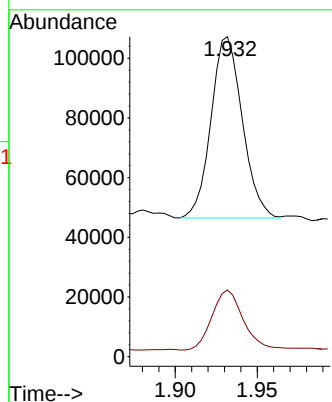
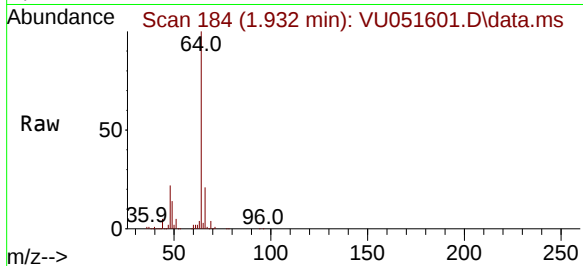




#8
Chloroethane
Concen: 4.562 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

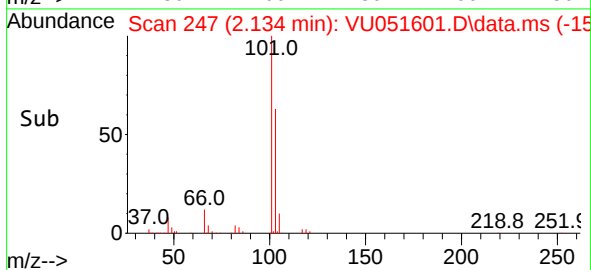
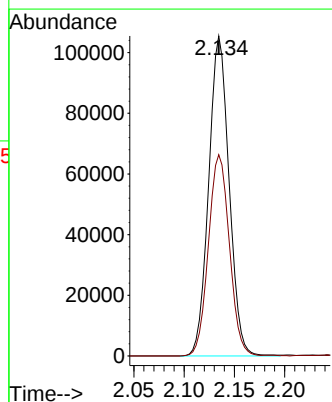
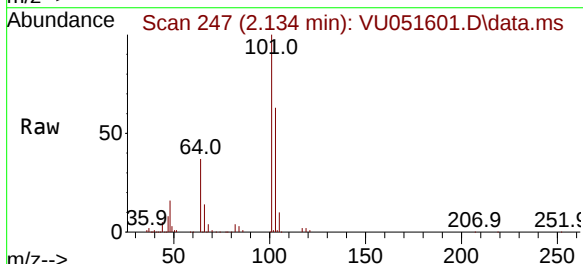
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ClientSampleId :
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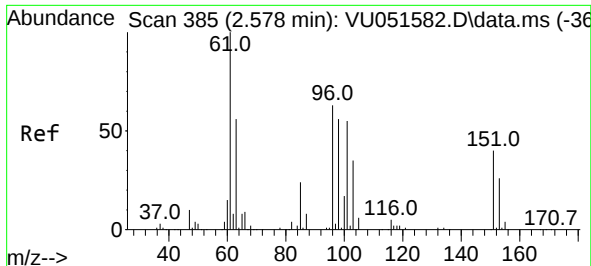
Tgt Ion: 64 Resp: 80453
Ion Ratio Lower Upper
64 100
66 20.9 22.3 41.5#



#9
Trichlorofluoromethane
Concen: 4.670 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion:101 Resp: 148886
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

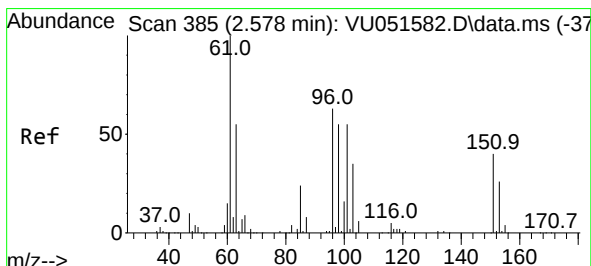
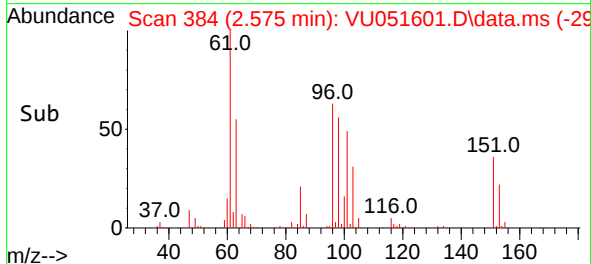
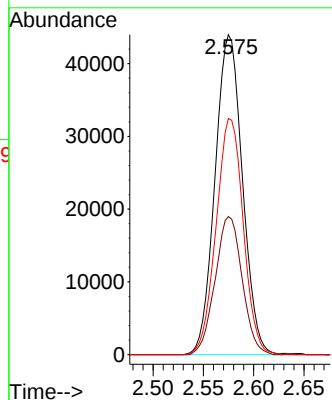
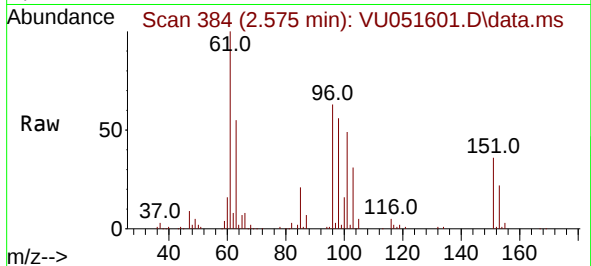




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.451 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051601.D
 Acq: 29 Oct 2022 05:40

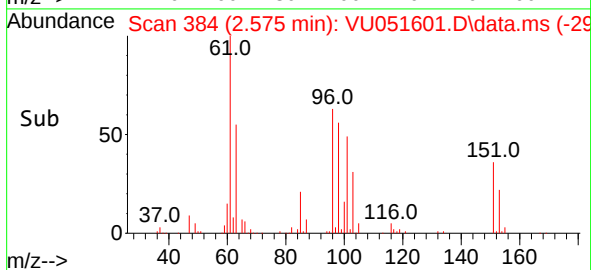
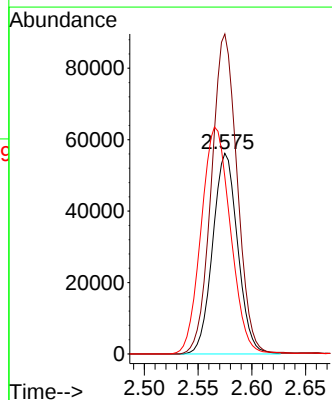
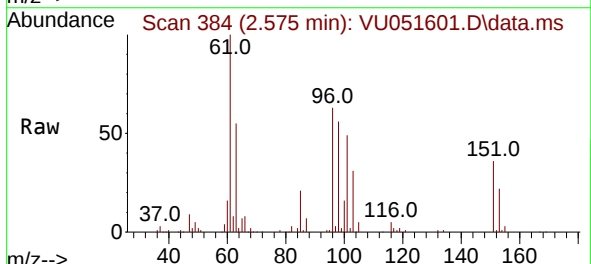
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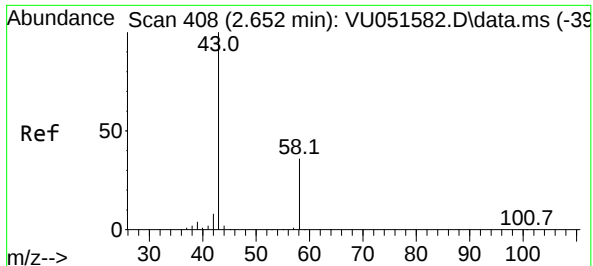
Tgt Ion:101 Resp: 83429
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.6 53.4
 151 73.0 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 4.749 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU051601.D
 Acq: 29 Oct 2022 05:40

Tgt Ion: 96 Resp: 90792
 Ion Ratio Lower Upper
 96 100
 61 159.5 108.8 202.0
 63 88.2 64.9 120.5





#13

Acetone

Concen: 31.820 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.006 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

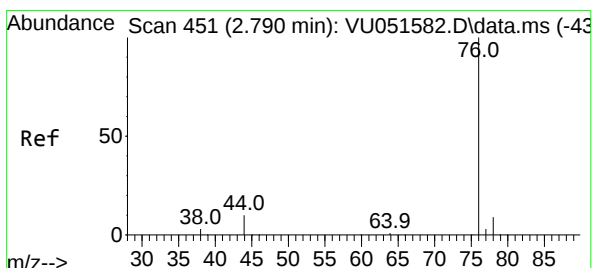
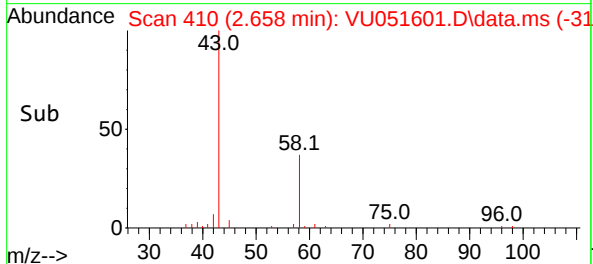
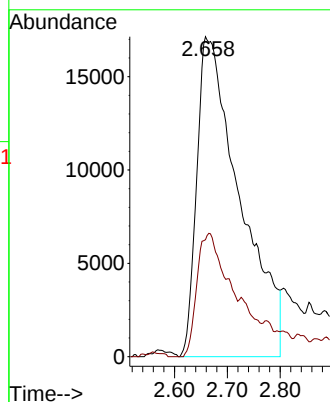
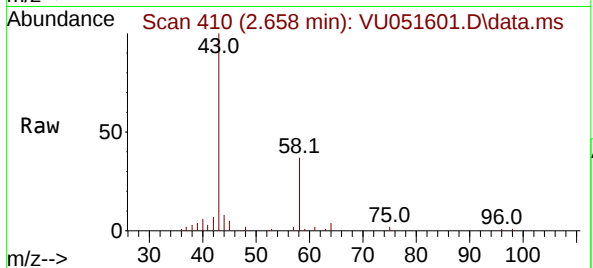
EW4W5MS

Tgt Ion: 43 Resp: 96849

Ion Ratio Lower Upper

43 100

58 26.6 0.0 73.8



#14

Carbon disulfide

Concen: 5.493 ug/L

RT: 2.787 min Scan# 450

Delta R.T. -0.003 min

Lab File: VU051601.D

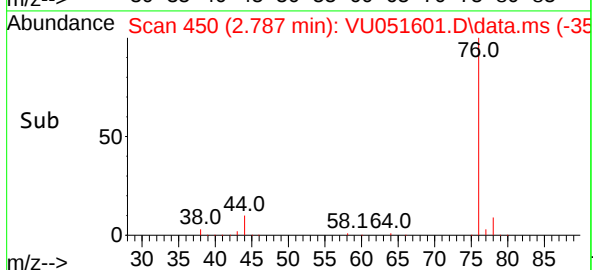
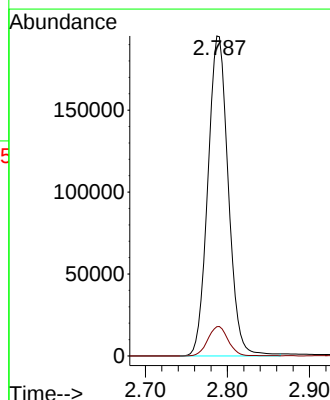
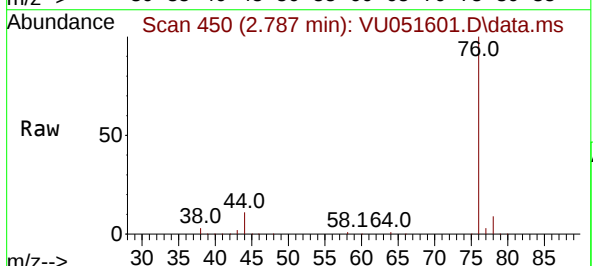
Acq: 29 Oct 2022 05:40

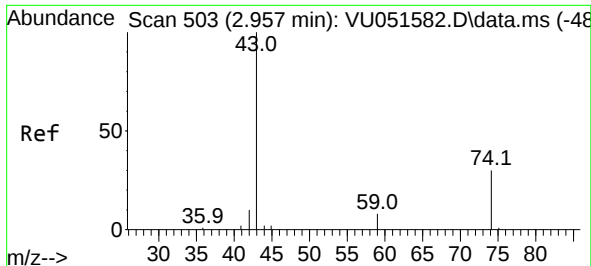
Tgt Ion: 76 Resp: 338578

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

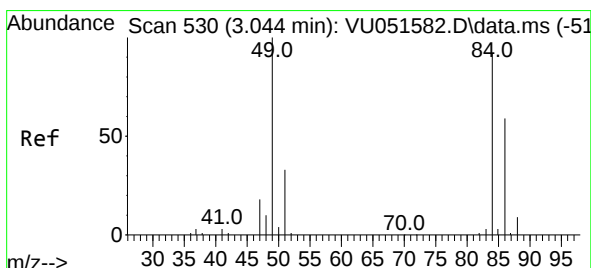
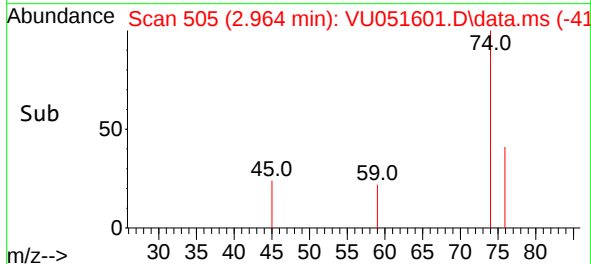
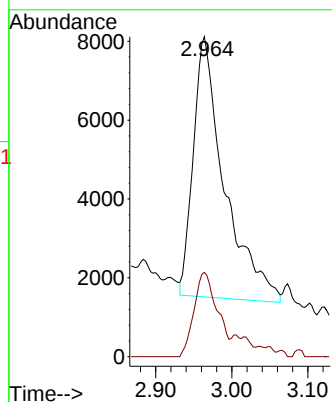
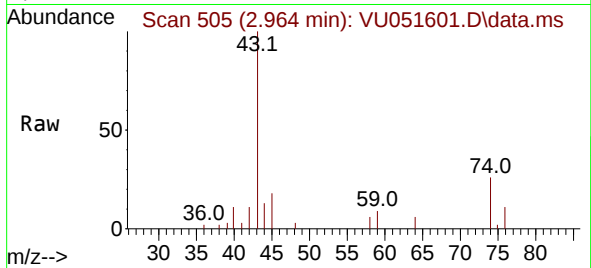




#15
Methyl Acetate
Concen: 2.349 ug/L
RT: 2.964 min Scan# 503
Delta R.T. 0.006 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

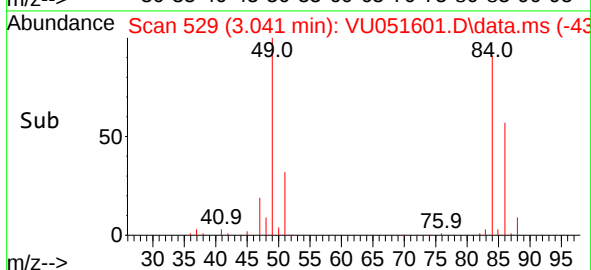
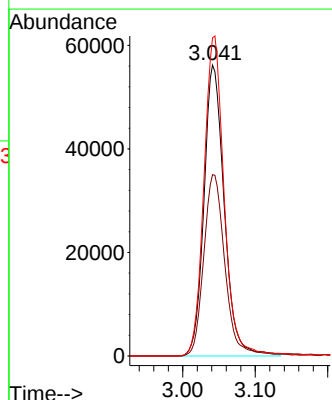
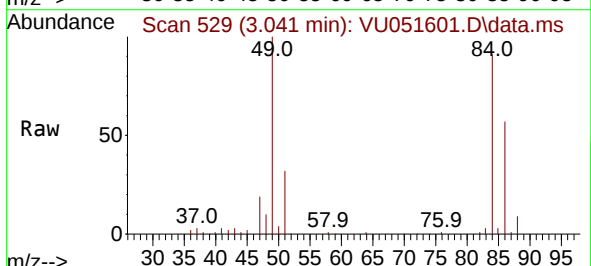
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

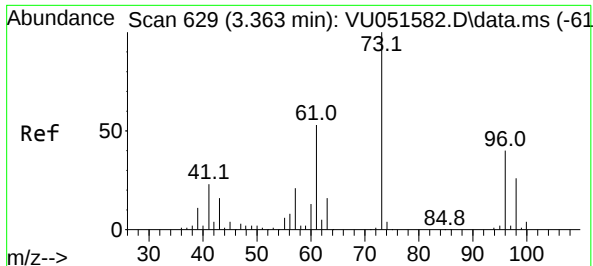
Tgt Ion: 43 Resp: 18718
Ion Ratio Lower Upper
43 100
74 24.2 20.2 30.4



#16
Methylene chloride
Concen: 3.493 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion: 84 Resp: 109394
Ion Ratio Lower Upper
84 100
86 62.3 46.3 85.9
49 109.4 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 4.527 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MS

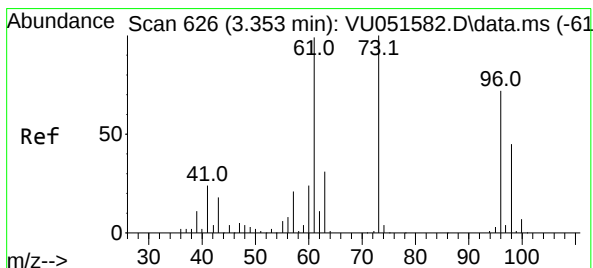
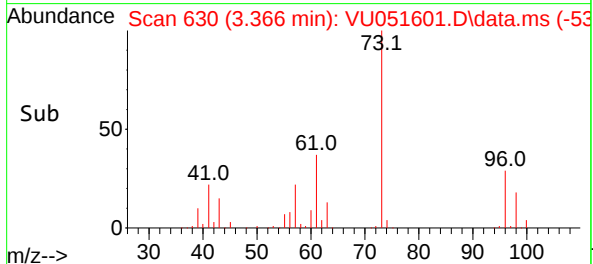
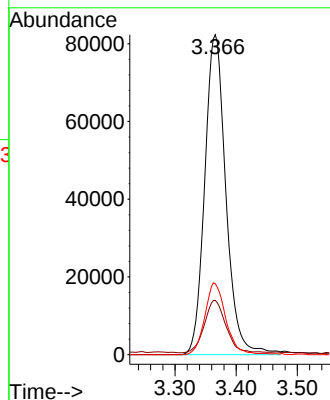
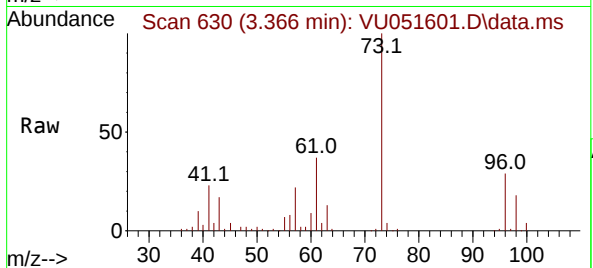
Tgt Ion: 73 Resp: 198489

Ion Ratio Lower Upper

73 100

43 16.5 13.6 20.4

57 22.0 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 4.676 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

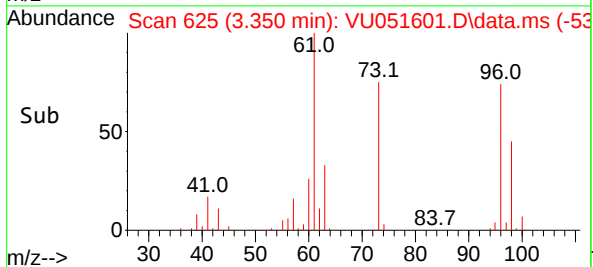
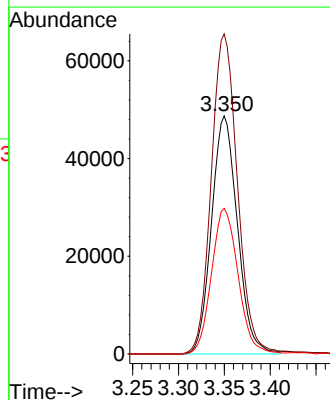
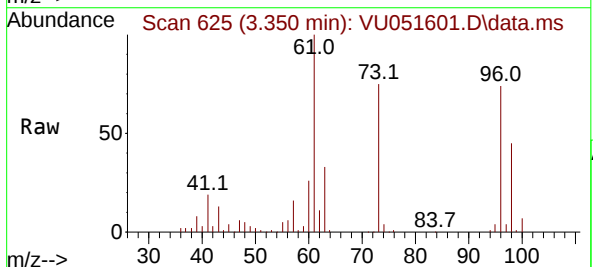
Tgt Ion: 96 Resp: 95942

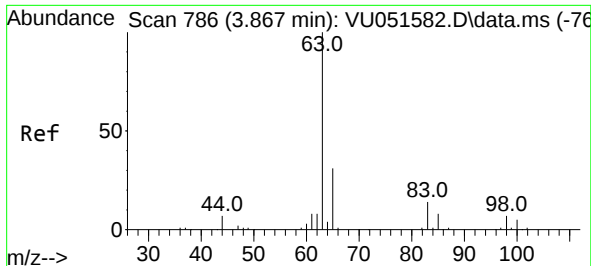
Ion Ratio Lower Upper

96 100

61 134.4 94.7 175.9

98 61.1 44.2 82.0

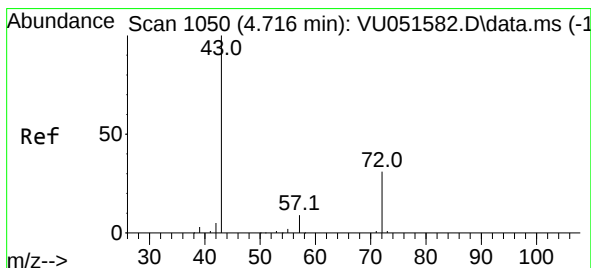
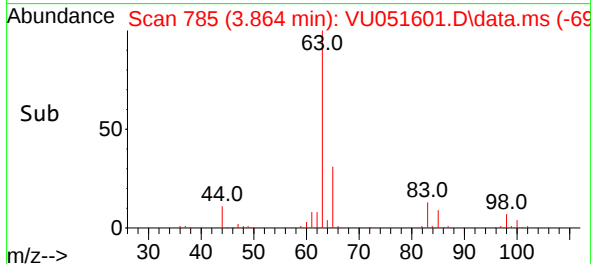
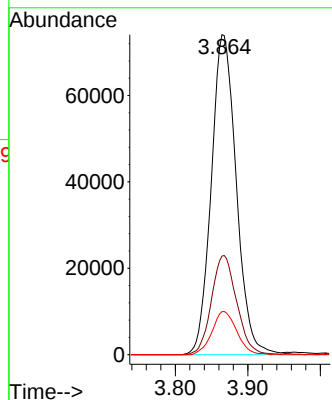
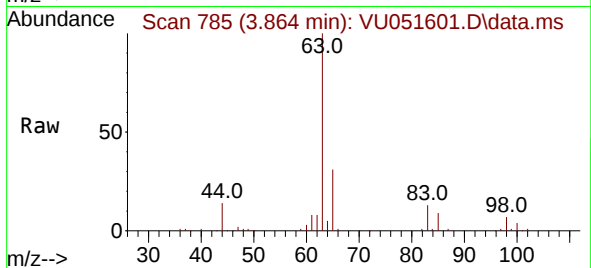




#19
1,1-Dichloroethane
Concen: 4.688 ug/L
RT: 3.864 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

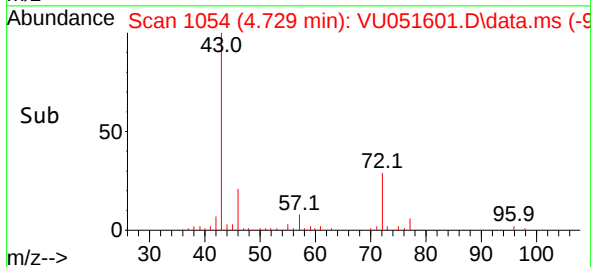
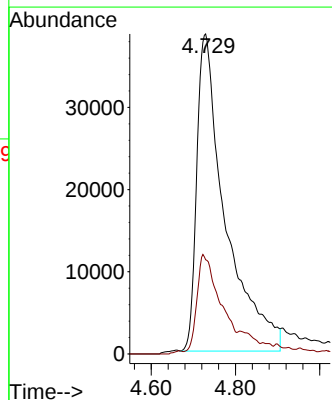
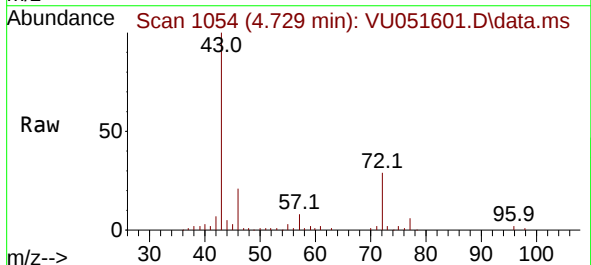
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

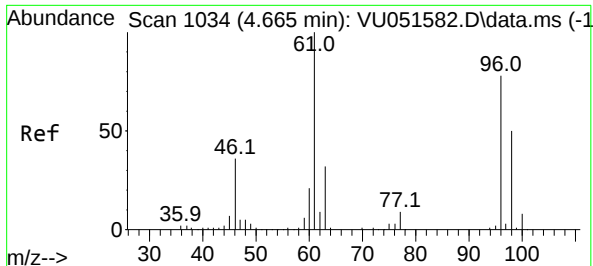
Tgt Ion: 63 Resp: 177427
Ion Ratio Lower Upper
63 100
65 30.8 22.7 42.1
83 13.4 9.2 17.0



#21
2-Butanone
Concen: 38.035 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion: 43 Resp: 181294
Ion Ratio Lower Upper
43 100
72 24.2 16.2 48.5





#22

cis-1,2-Dichloroethene

Concen: 4.318 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MS

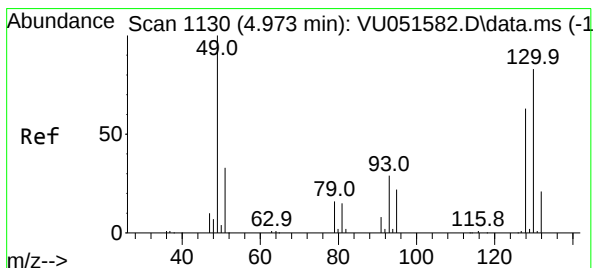
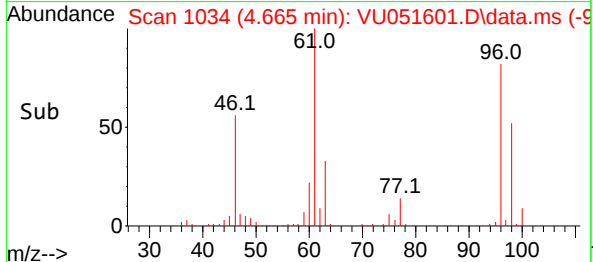
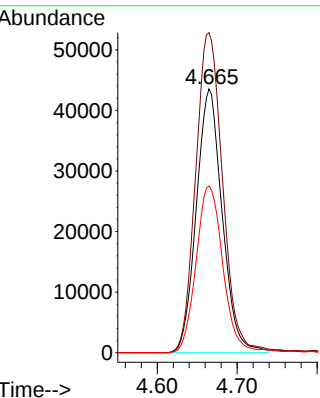
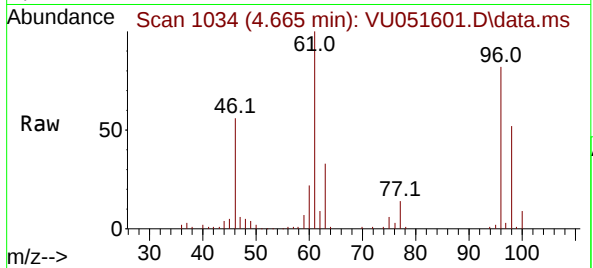
Tgt Ion: 96 Resp: 98040

Ion Ratio Lower Upper

96 100

61 121.3 86.4 160.4

98 63.2 44.2 82.2



#23

Bromochloromethane

Concen: 4.588 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Tgt Ion: 128 Resp: 48703

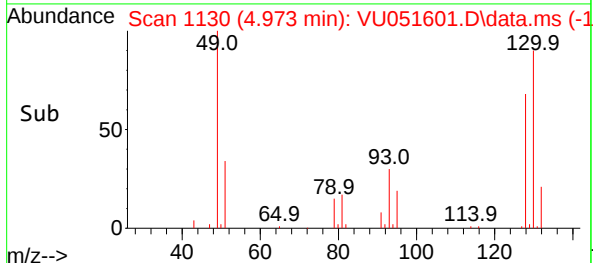
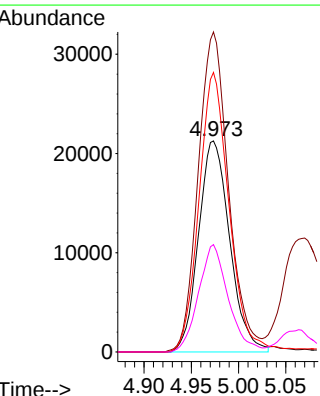
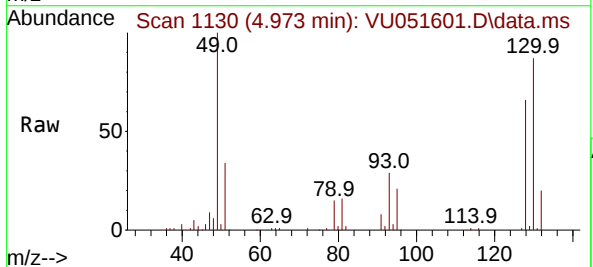
Ion Ratio Lower Upper

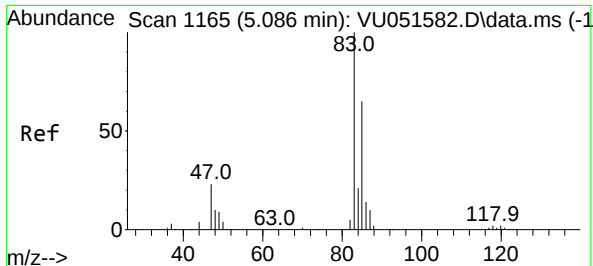
128 100

49 151.7 105.5 195.9

130 132.5 93.5 173.7

51 50.9 40.1 60.1





#25

Chloroform

Concen: 4.620 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

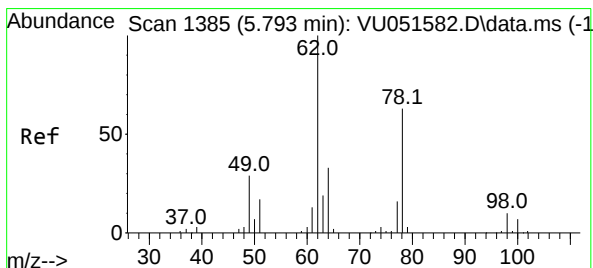
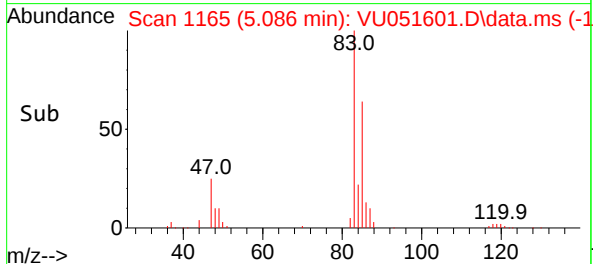
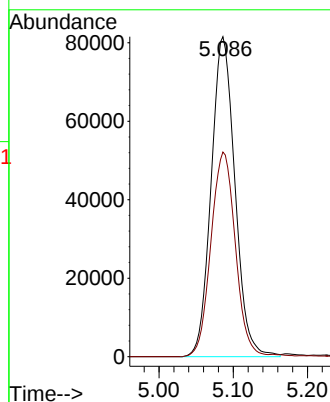
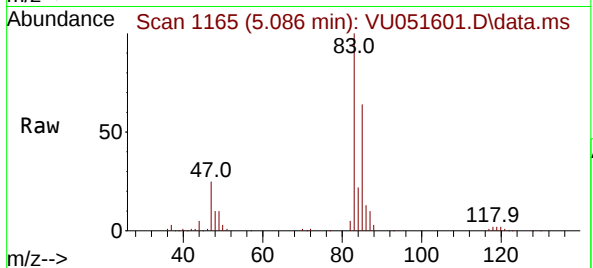
EW4W5MS

Tgt Ion: 83 Resp: 181394

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.433 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051601.D

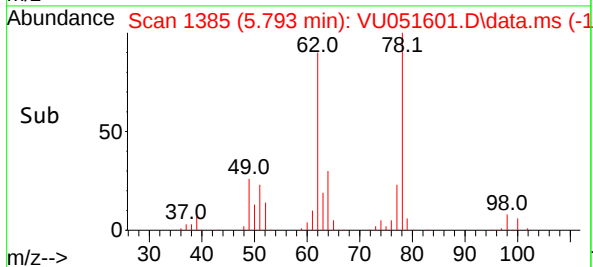
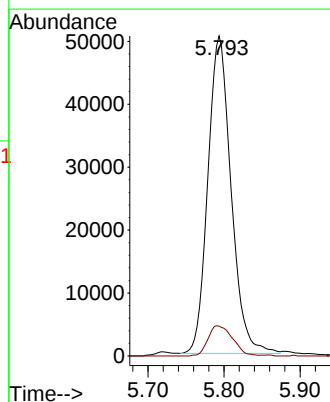
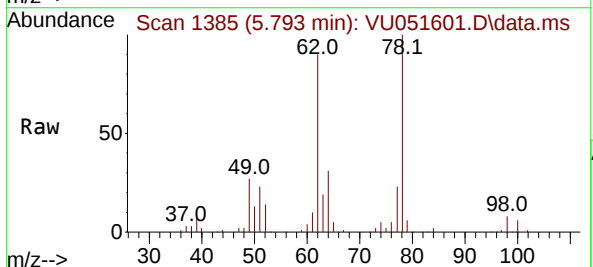
Acq: 29 Oct 2022 05:40

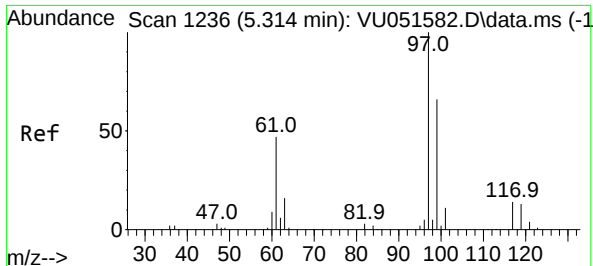
Tgt Ion: 62 Resp: 107124

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 4.664 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MS

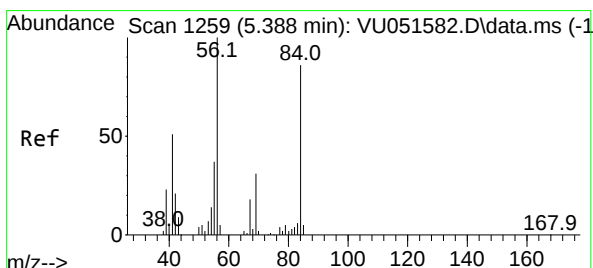
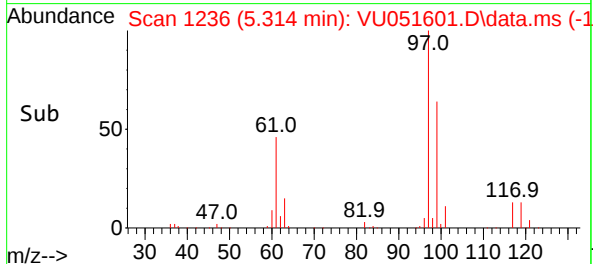
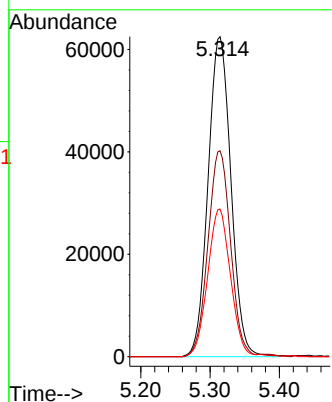
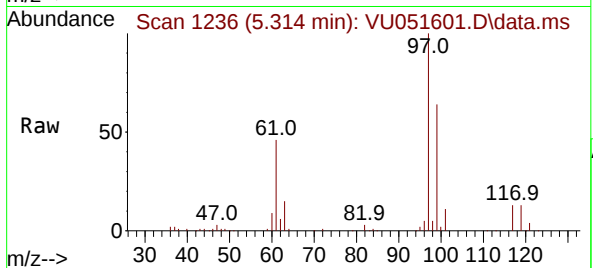
Tgt Ion: 97 Resp: 143456

Ion Ratio Lower Upper

97 100

99 63.4 51.1 76.7

61 46.3 37.4 56.0



#30

Cyclohexane

Concen: 4.310 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

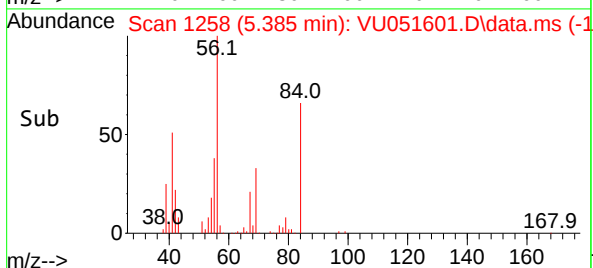
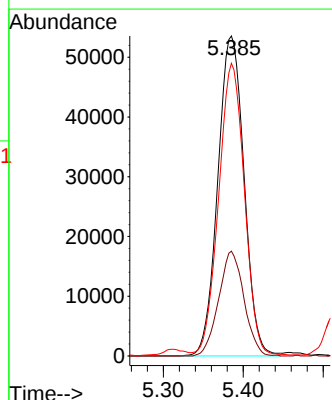
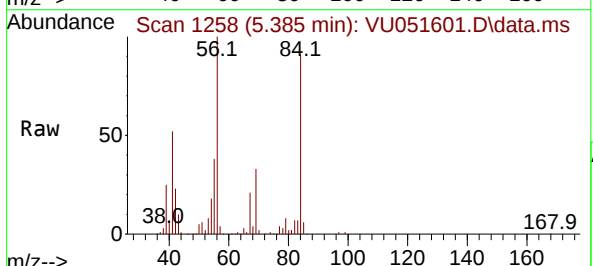
Tgt Ion: 56 Resp: 122064

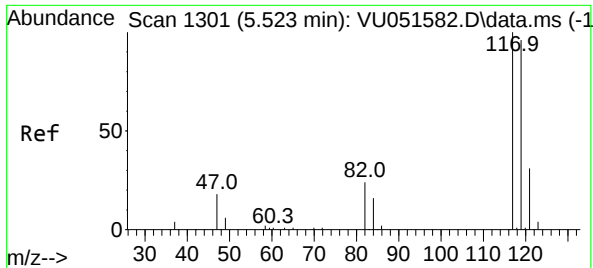
Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 89.9 71.4 107.0

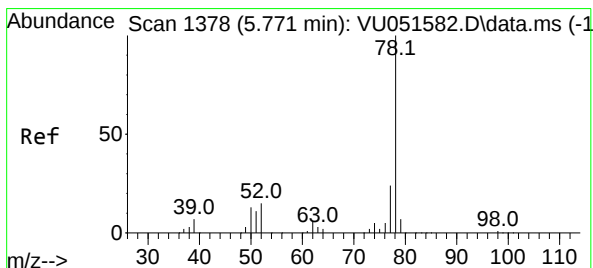
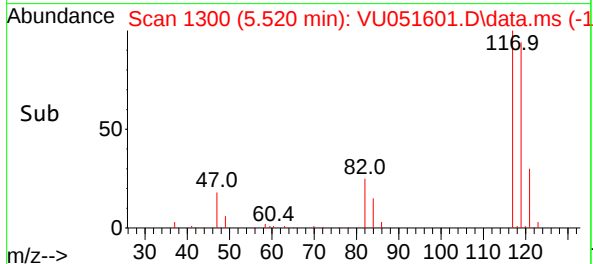
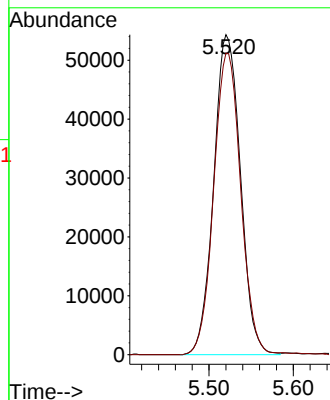
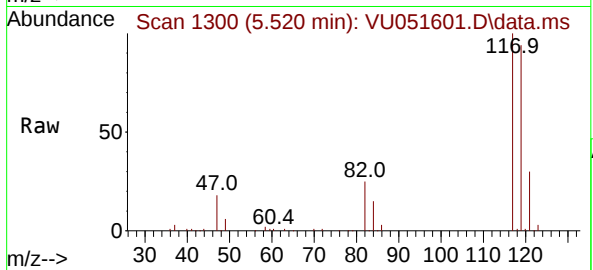




#31
Carbon tetrachloride
Concen: 4.541 ug/L
RT: 5.520 min Scan# 1194
Delta R.T. -0.003 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

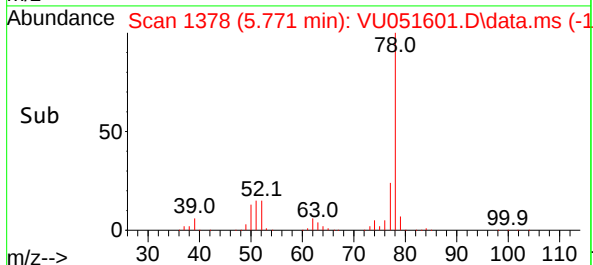
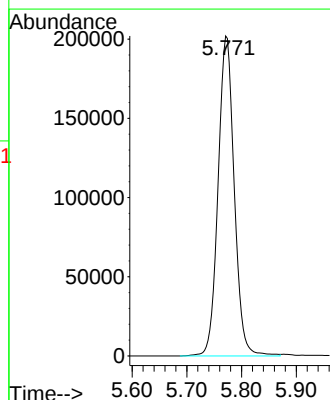
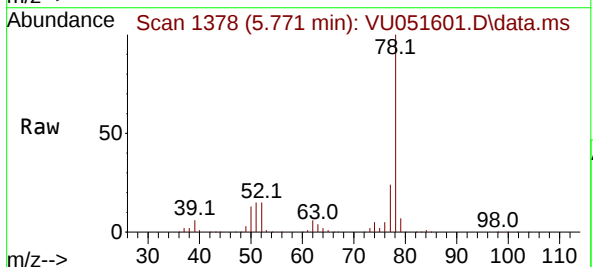
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

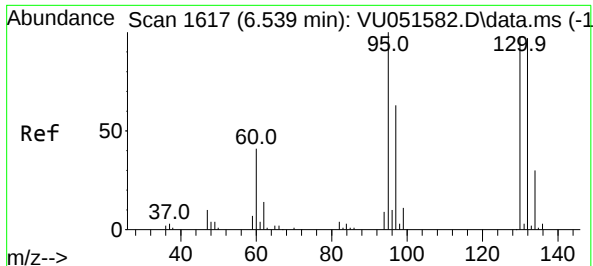
Tgt Ion:117 Resp: 119439
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#33
Benzene
Concen: 4.641 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion: 78 Resp: 414837

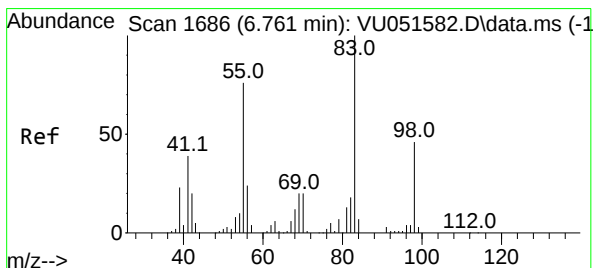
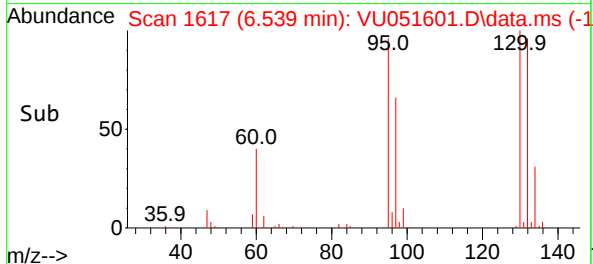
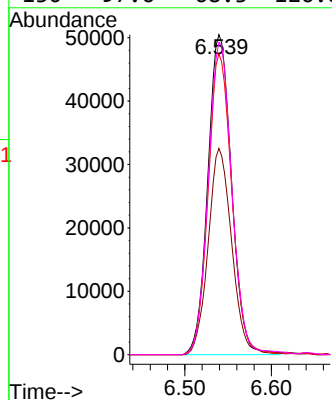
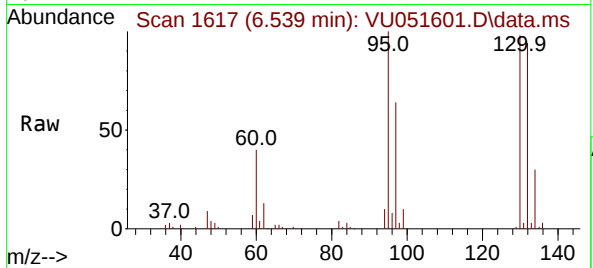




#34
Trichloroethene
Concen: 4.444 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

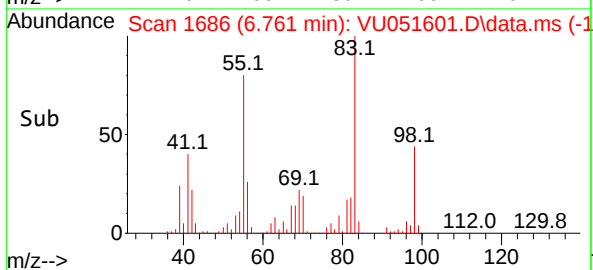
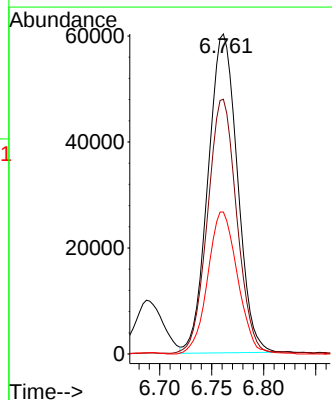
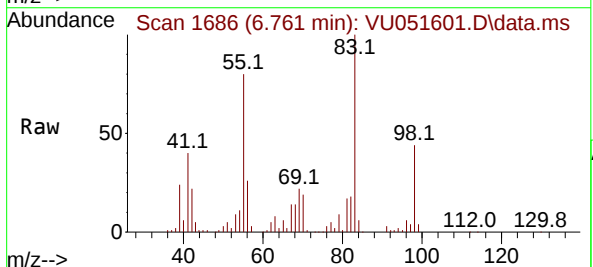
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

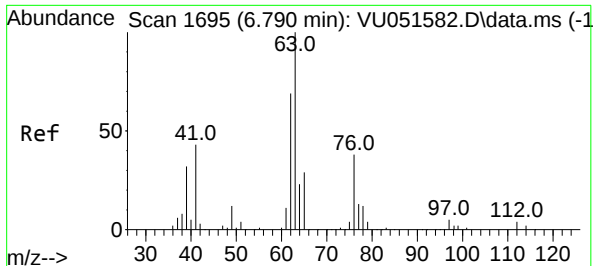
Tgt Ion: 95 Resp: 95868
Ion Ratio Lower Upper
95 100
97 64.4 45.2 84.0
132 94.0 66.5 123.5
130 97.6 68.3 126.8



#35
Methylcyclohexane
Concen: 3.966 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion: 83 Resp: 118289
Ion Ratio Lower Upper
83 100
55 79.0 60.6 90.8
98 45.3 35.8 53.6





#37

1,2-Dichloropropane

Concen: 4.592 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

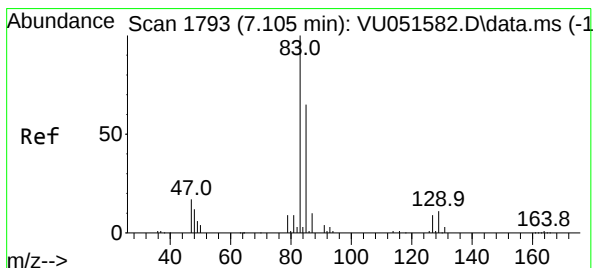
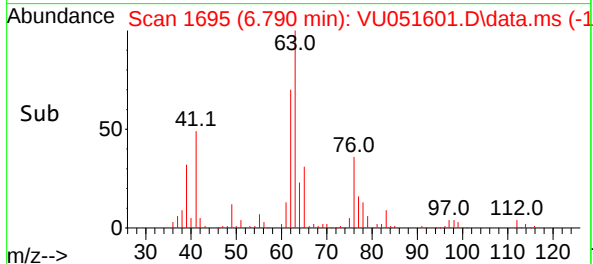
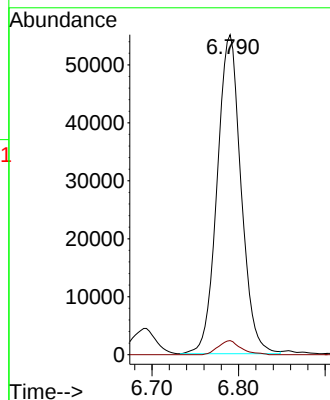
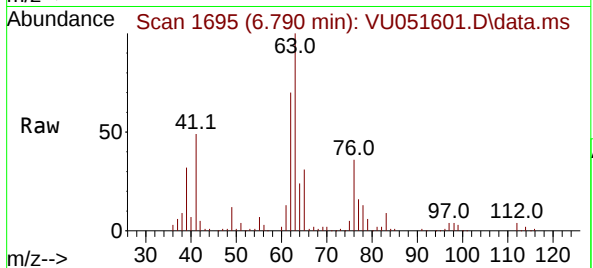
EW4W5MS

Tgt Ion: 63 Resp: 105593

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 4.588 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

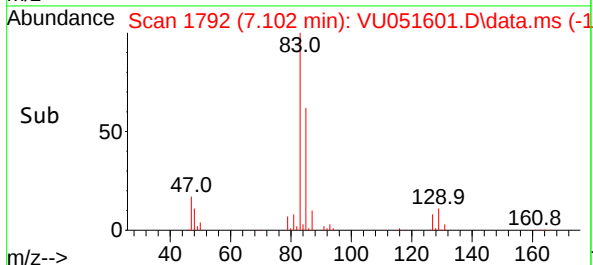
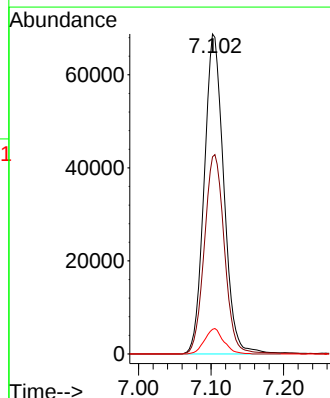
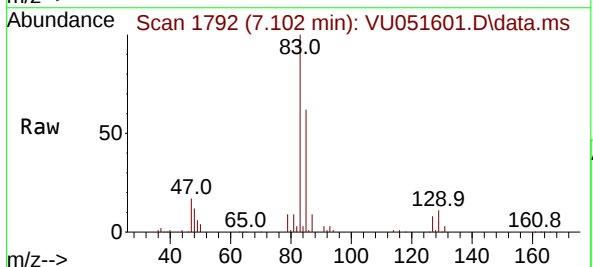
Tgt Ion: 83 Resp: 128846

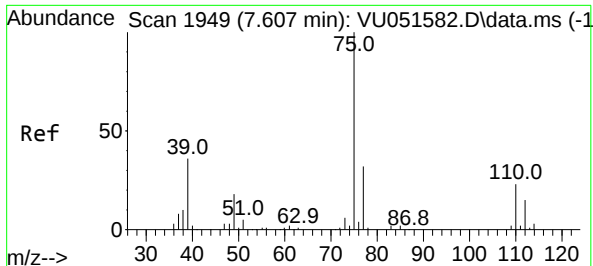
Ion Ratio Lower Upper

83 100

85 61.6 45.1 83.7

127 7.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 3.569 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

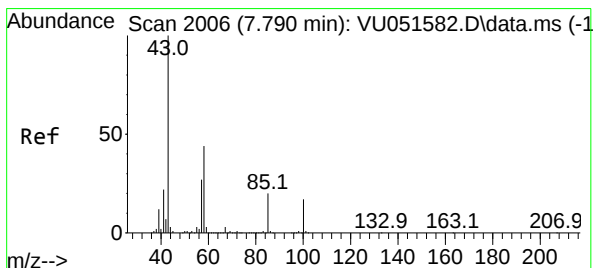
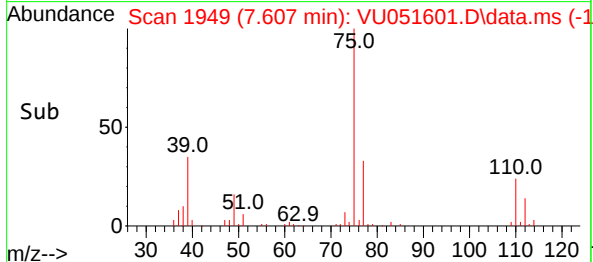
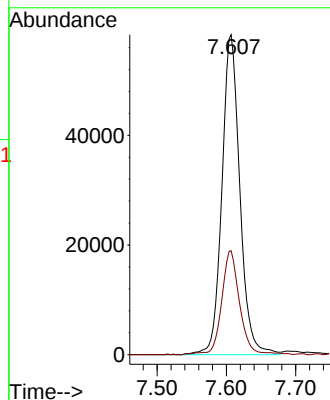
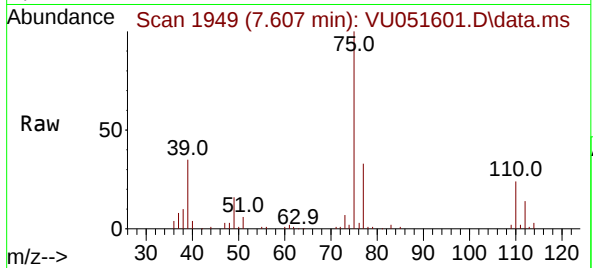
EW4W5MS

Tgt Ion: 75 Resp: 105283

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 46.421 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

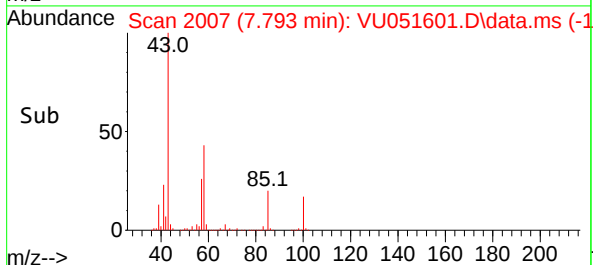
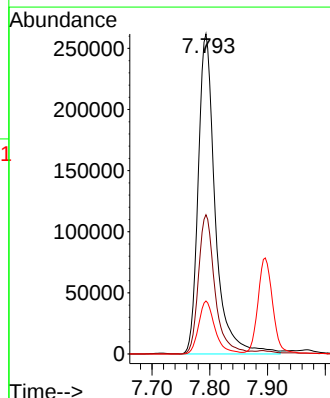
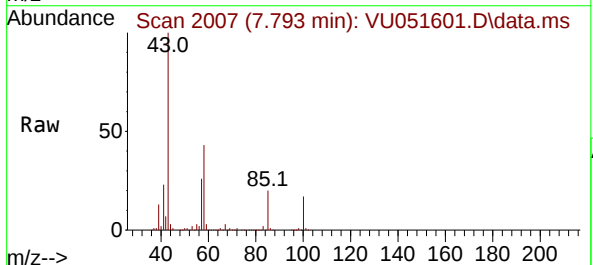
Tgt Ion: 43 Resp: 535346

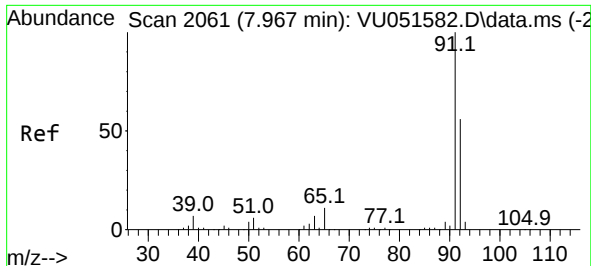
Ion Ratio Lower Upper

43 100

58 42.1 35.0 52.6

100 16.0 13.4 20.0





#42

Toluene

Concen: 4.791 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

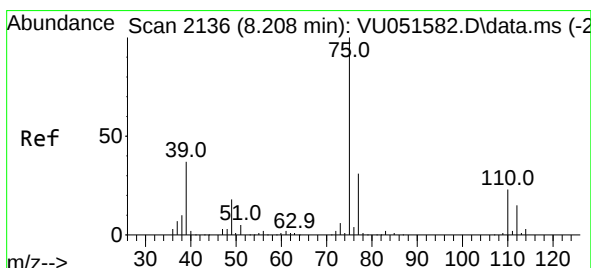
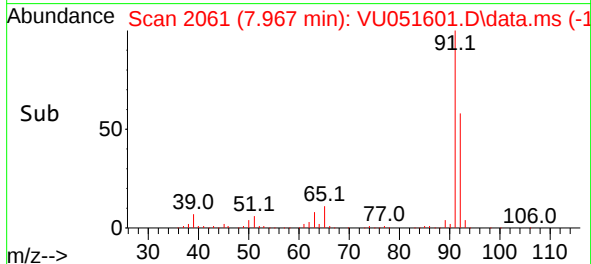
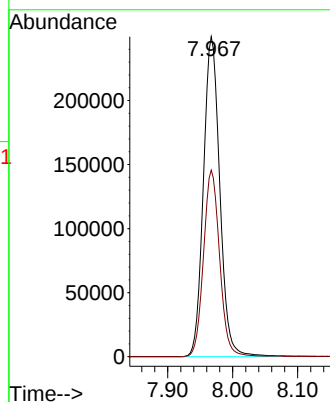
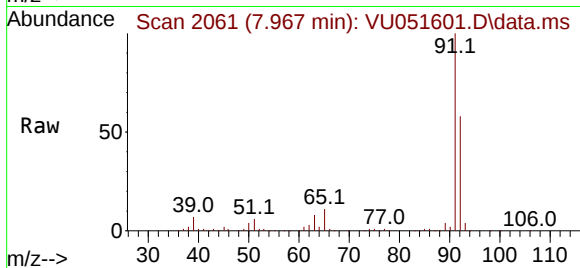
EW4W5MS

Tgt Ion: 91 Resp: 439843

Ion Ratio Lower Upper

91 100

92 58.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 3.689 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051601.D

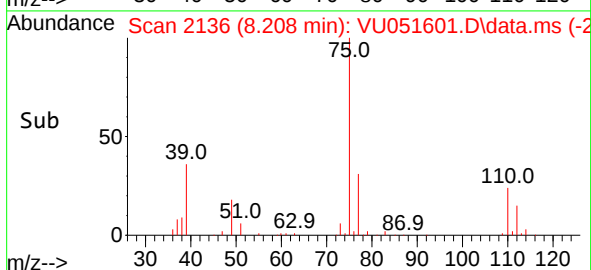
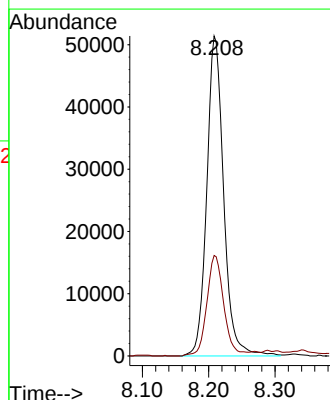
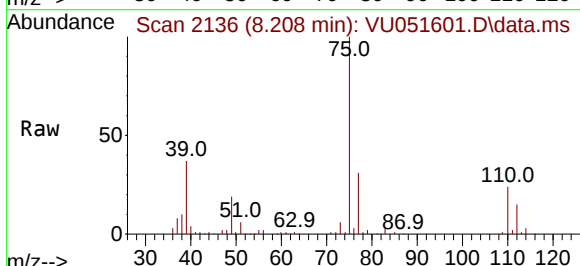
Acq: 29 Oct 2022 05:40

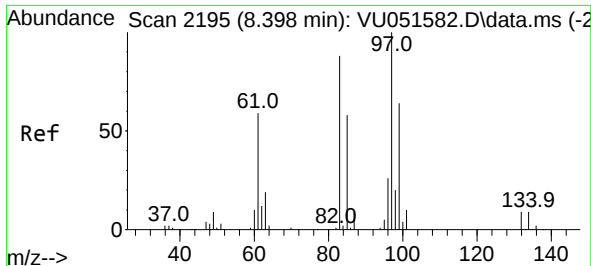
Tgt Ion: 75 Resp: 90940

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6

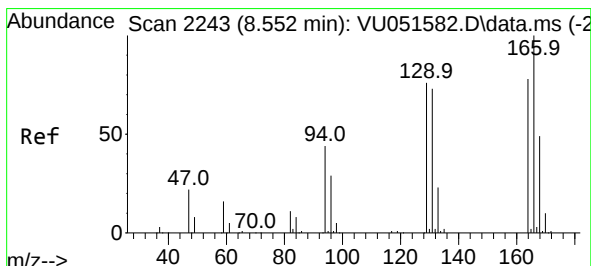
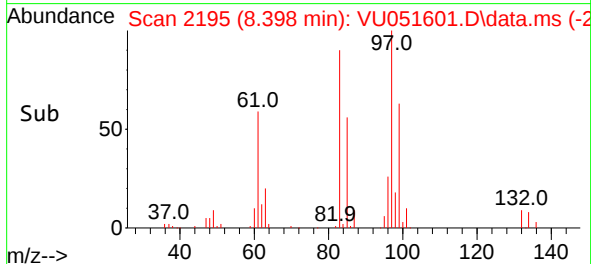
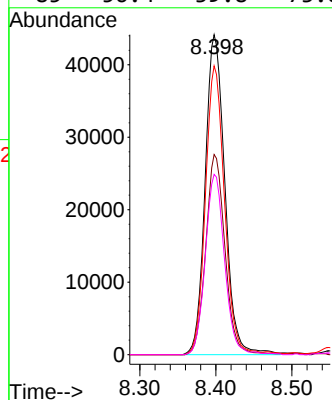
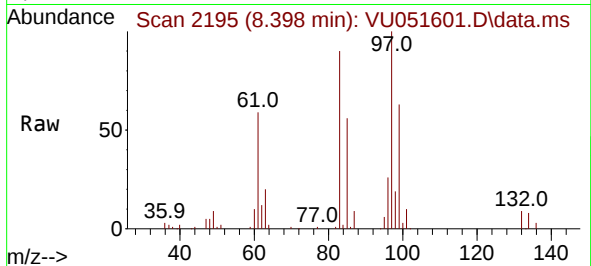




#45
1,1,2-Trichloroethane
Concen: 4.712 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

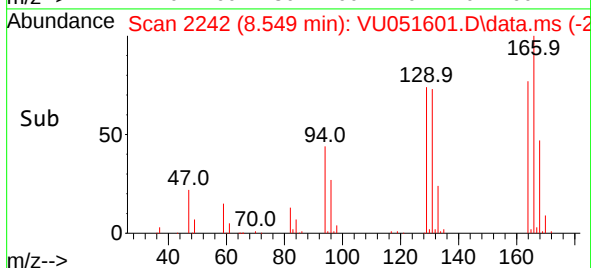
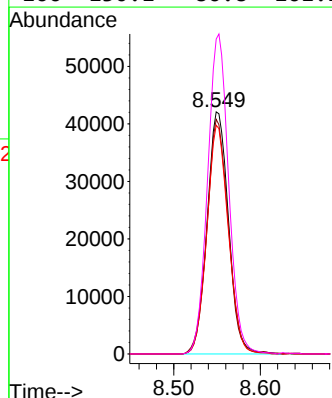
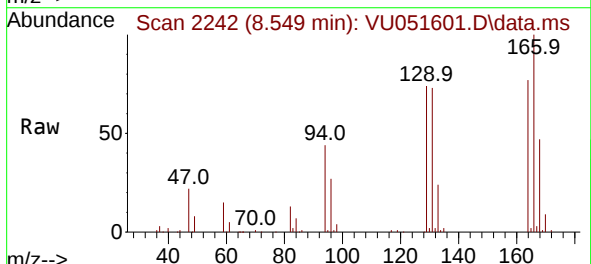
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

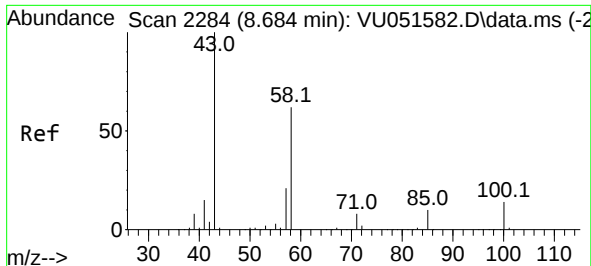
Tgt Ion:	97	Resp:	79397
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.4	80.6
83	90.2	61.3	113.9
85	56.4	39.8	73.8



#47
Tetrachloroethene
Concen: 4.388 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.003 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion:	164	Resp:	72496
Ion	Ratio	Lower	Upper
164	100		
129	96.9	64.0	118.8
131	94.5	60.7	112.7
166	130.1	86.8	161.2

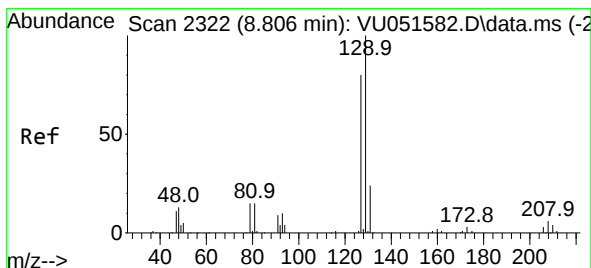
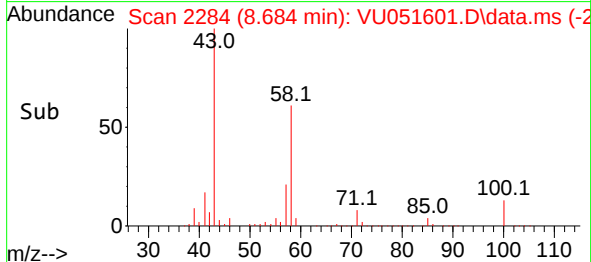
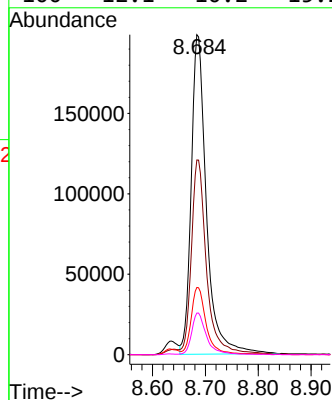
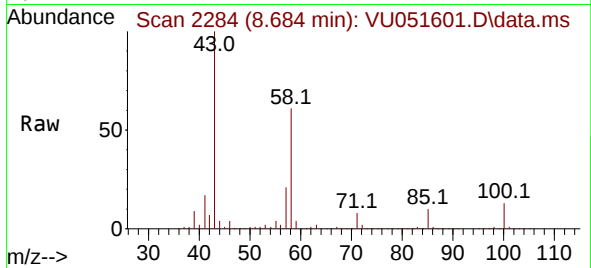




#48
2-Hexanone
Concen: 46.659 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

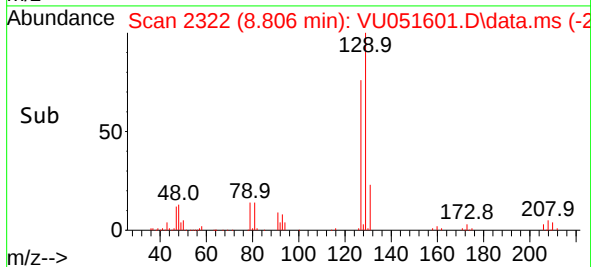
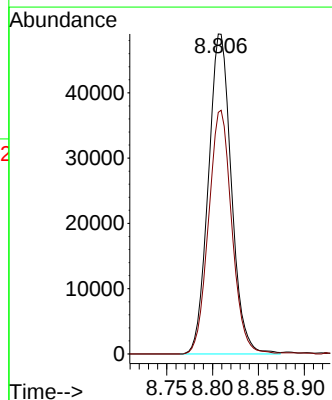
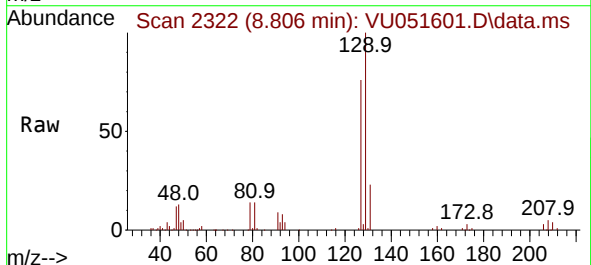
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

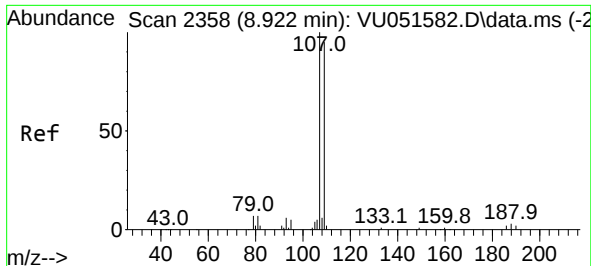
Tgt Ion:	43	Resp:	398300
Ion	Ratio	Lower	Upper
43	100		
58	60.7	48.2	72.2
57	20.0	16.6	25.0
100	12.1	10.2	15.2



#49
Dibromochloromethane
Concen: 4.450 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion:	129	Resp:	85647
Ion	Ratio	Lower	Upper
129	100		
127	75.5	54.8	101.8

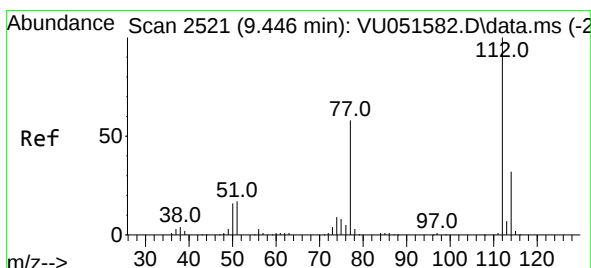
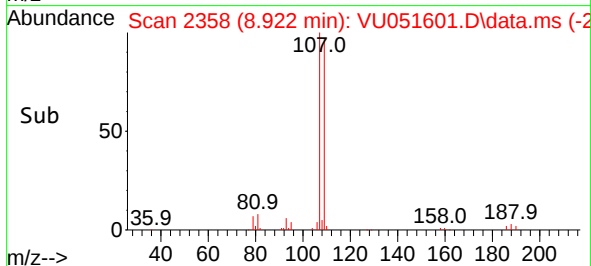
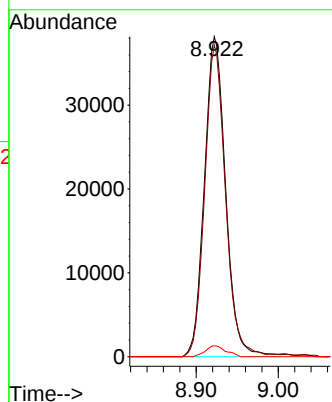
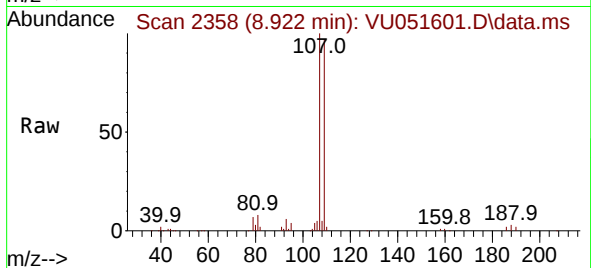




#50
1,2-Dibromoethane
Concen: 4.526 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

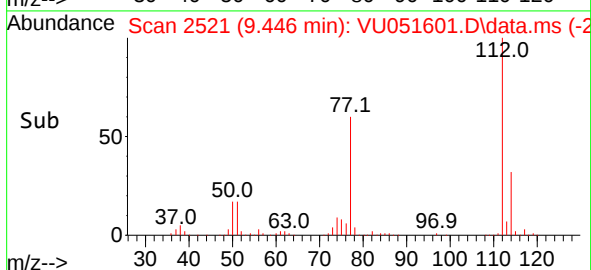
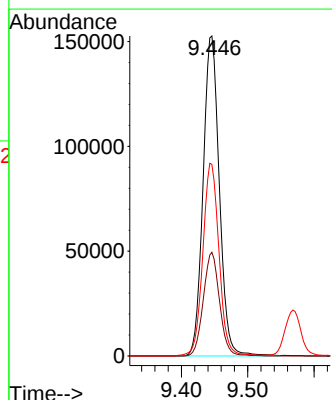
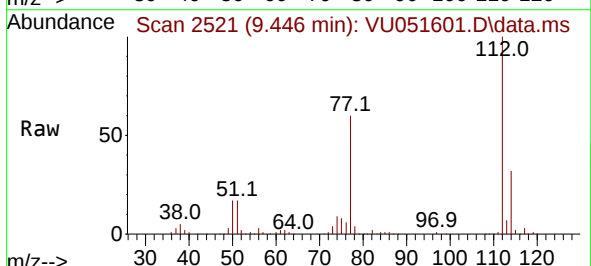
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

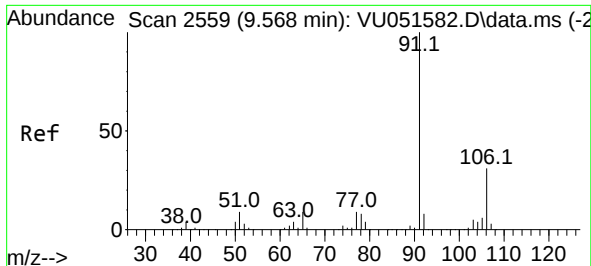
Tgt Ion:107 Resp: 68799
Ion Ratio Lower Upper
107 100
109 97.4 63.0 117.0
188 3.4 3.0 4.4



#51
Chlorobenzene
Concen: 4.496 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion:112 Resp: 259781
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 59.9 46.7 70.1

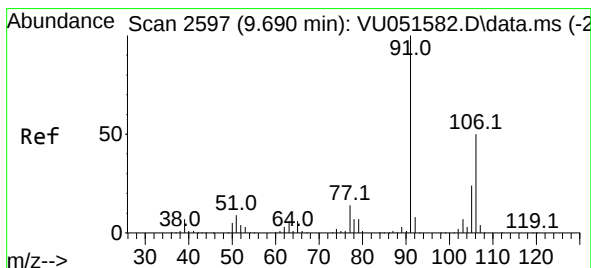
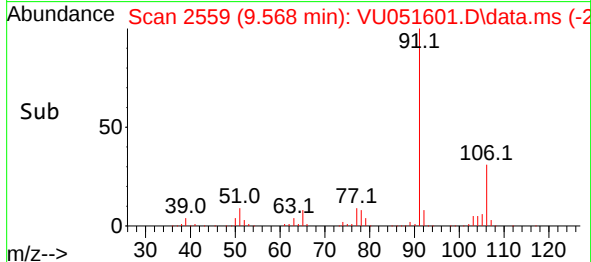
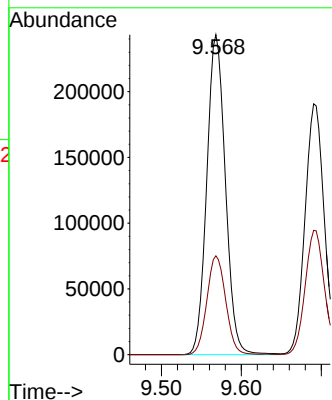
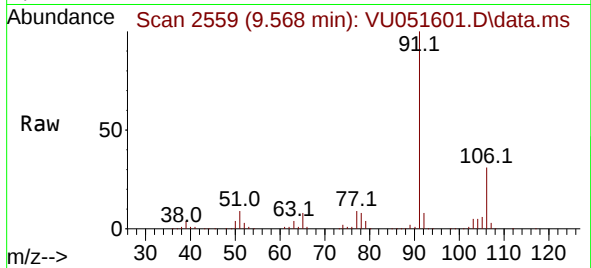




#52
Ethylbenzene
Concen: 4.452 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

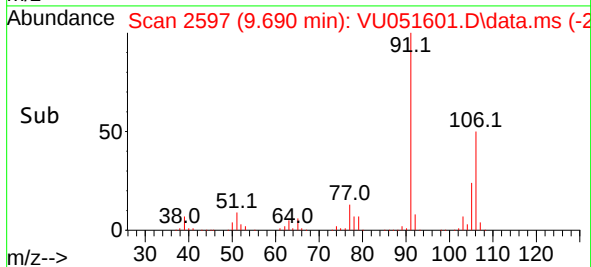
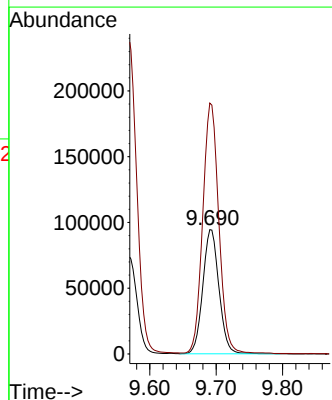
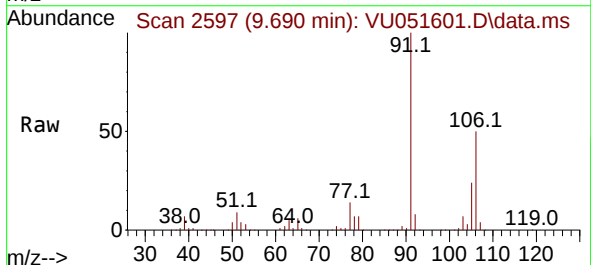
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

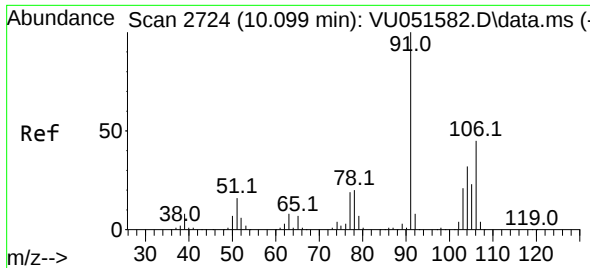
Tgt Ion: 91 Resp: 394400
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6



#53
m,p-Xylene
Concen: 4.624 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion: 106 Resp: 159093
Ion Ratio Lower Upper
106 100
91 201.6 139.4 259.0

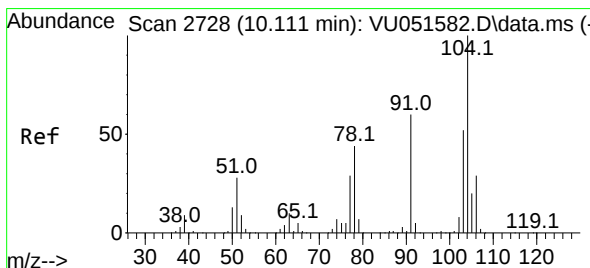
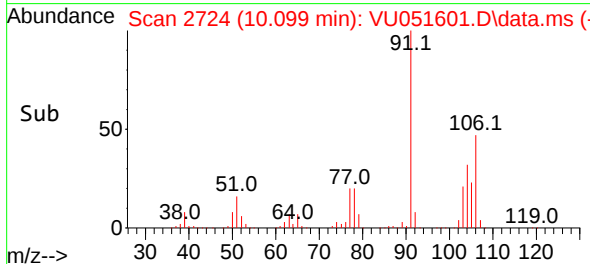
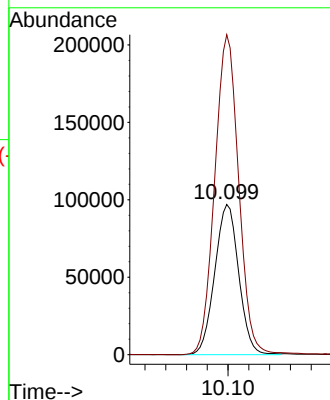
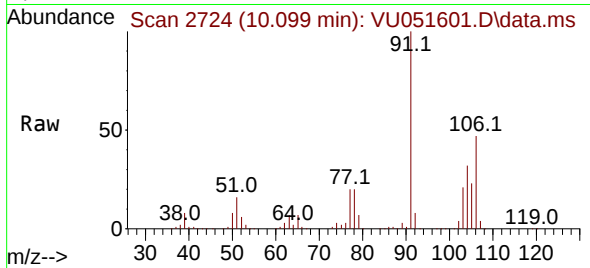




#54
o-Xylene
Concen: 4.619 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

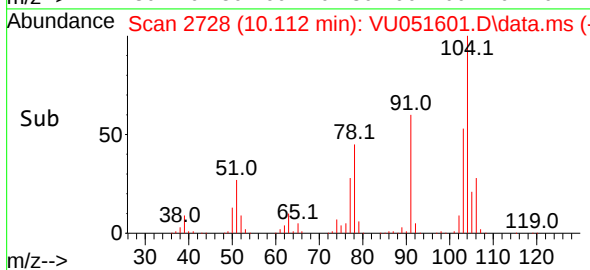
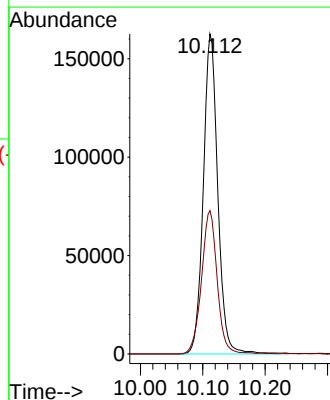
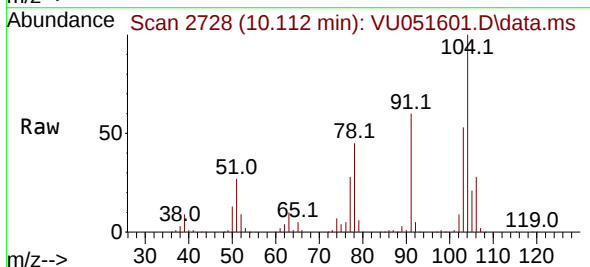
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

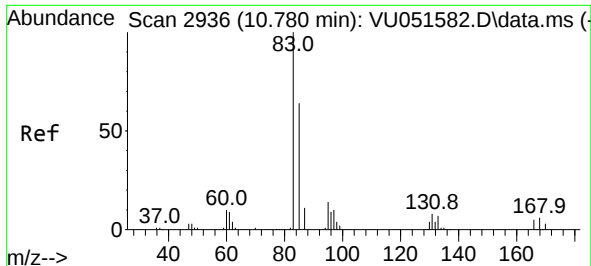
Tgt Ion:106 Resp: 155318
Ion Ratio Lower Upper
106 100
91 212.9 149.2 277.2



#55
Styrene
Concen: 4.670 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion:104 Resp: 262548
Ion Ratio Lower Upper
104 100
78 44.8 31.8 59.0

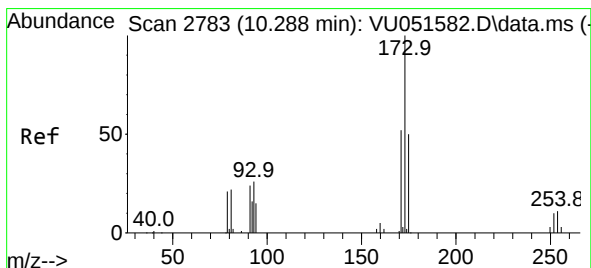
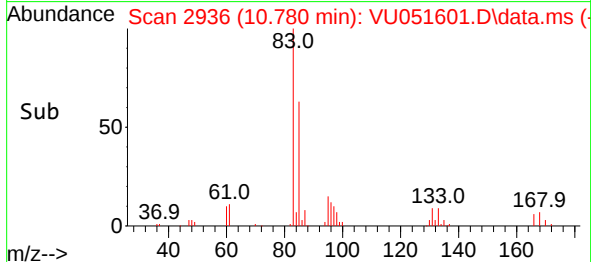
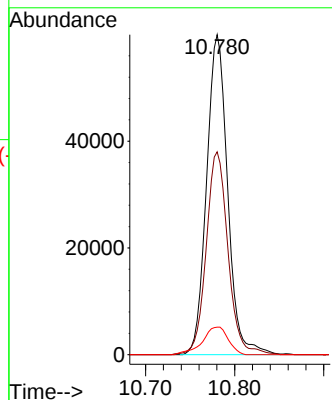
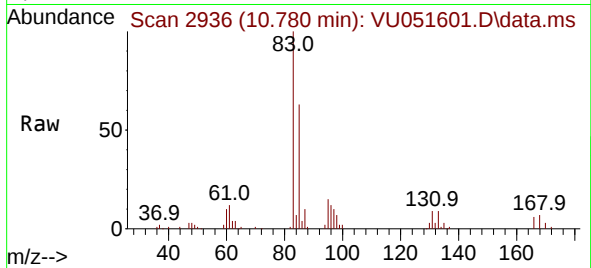




#57
1,1,2,2-Tetrachloroethane
Concen: 4.703 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

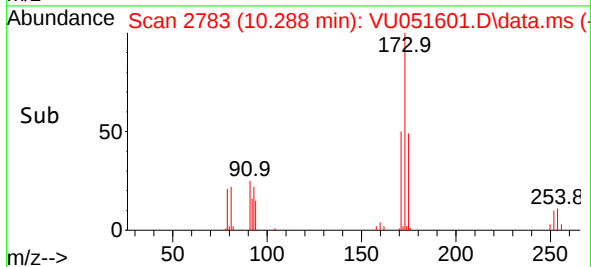
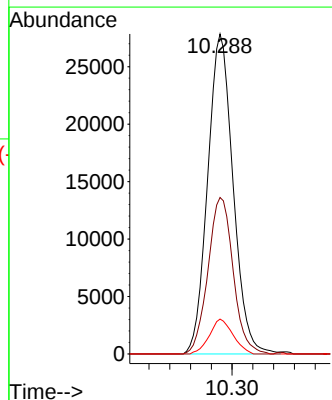
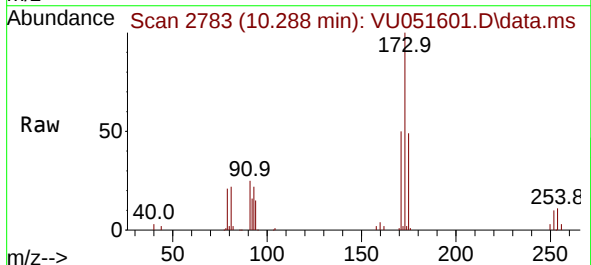
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

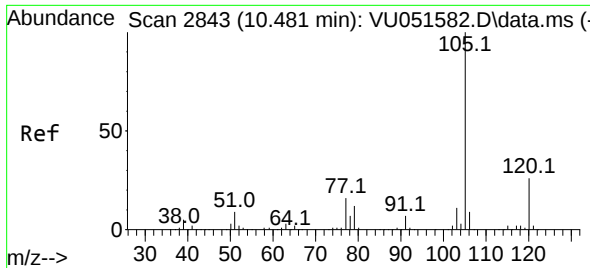
Tgt Ion: 83 Resp: 98254
Ion Ratio Lower Upper
83 100
85 63.4 44.9 83.5
131 8.6 7.8 11.8



#59
Bromoform
Concen: 4.396 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion:173 Resp: 47212
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 10.1 7.3 10.9

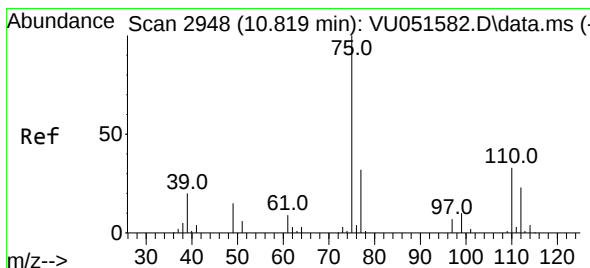
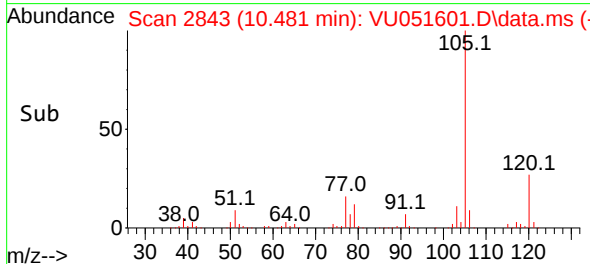
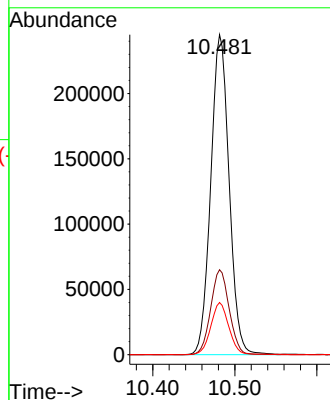
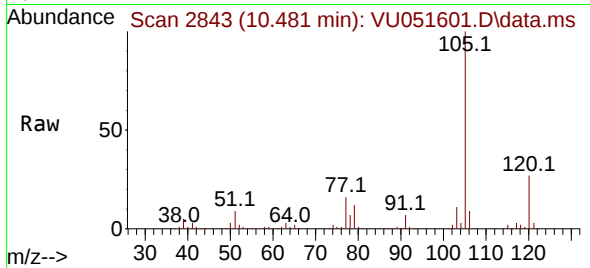




#60
Isopropylbenzene
Concen: 4.489 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

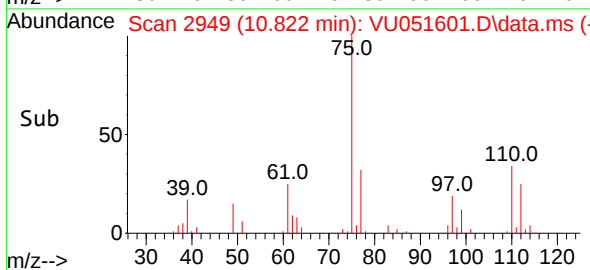
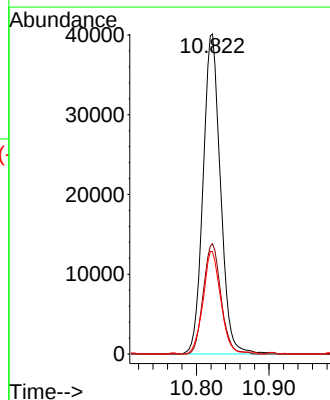
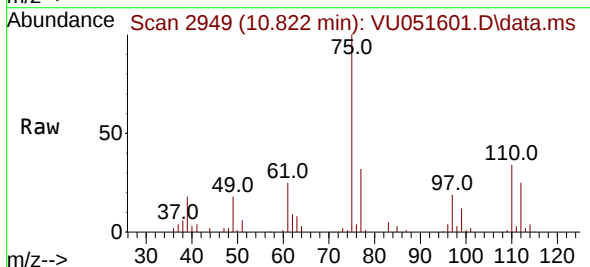
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

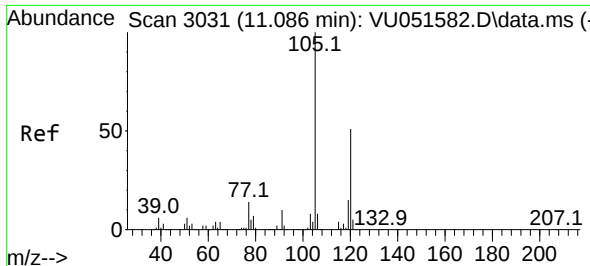
Tgt Ion:105 Resp: 380955
Ion Ratio Lower Upper
105 100
120 26.7 20.9 31.3
77 15.9 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.449 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion: 75 Resp: 66872
Ion Ratio Lower Upper
75 100
110 34.9 28.7 43.1
77 32.3 26.1 39.1

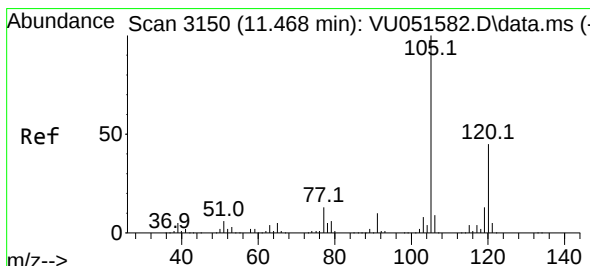
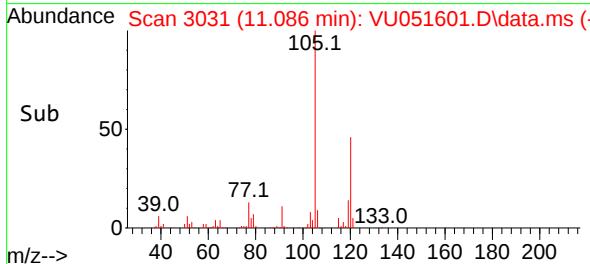
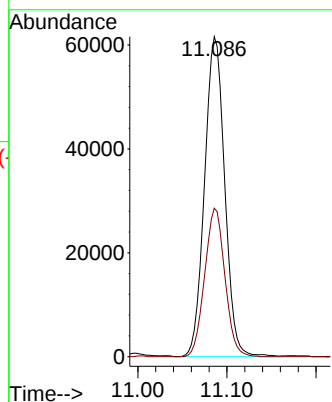
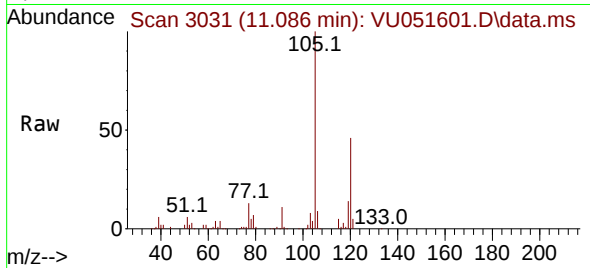




#62
1,3,5-Trimethylbenzene
Concen: 4.236 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

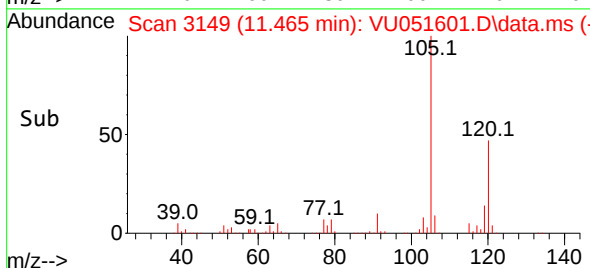
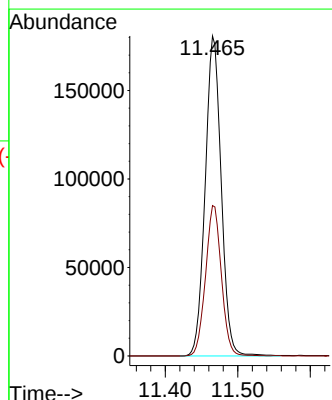
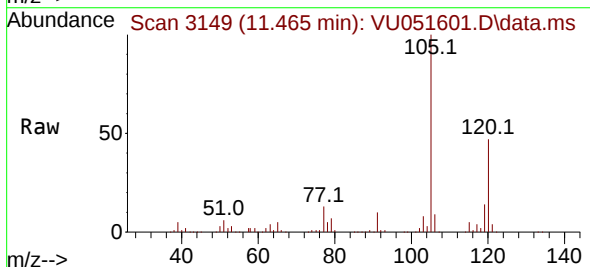
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

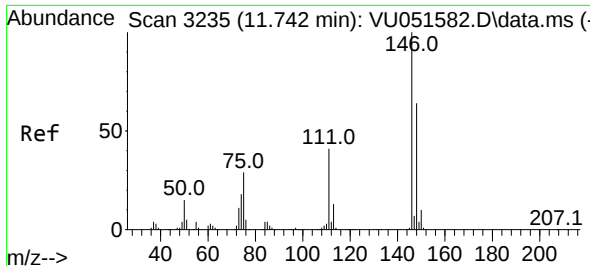
Tgt Ion:105 Resp: 96766
Ion Ratio Lower Upper
105 100
120 46.5 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 4.216 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. -0.003 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion:105 Resp: 277725
Ion Ratio Lower Upper
105 100
120 46.4 35.8 53.6

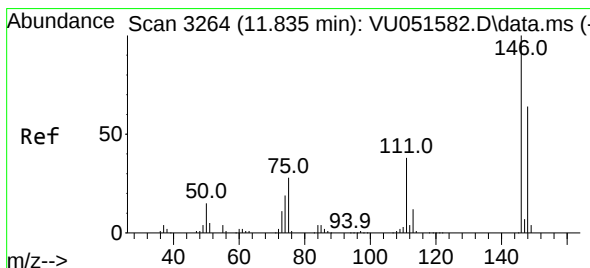
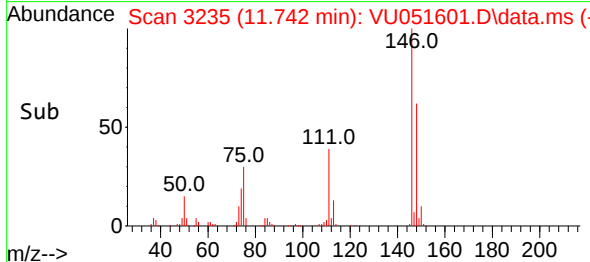
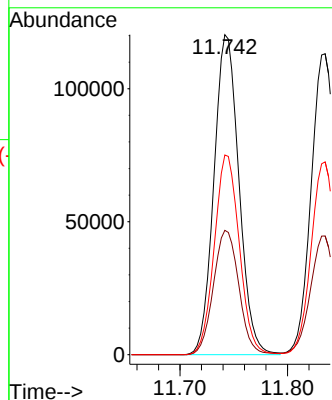
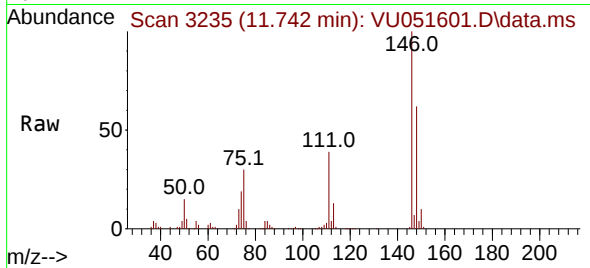




#64
1,3-Dichlorobenzene
Concen: 4.601 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

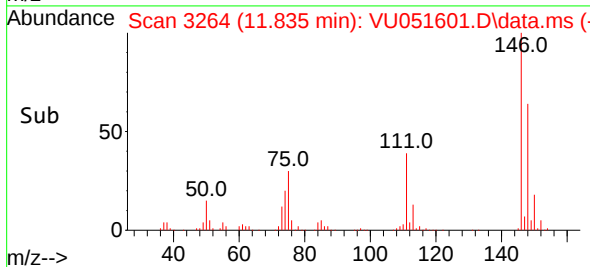
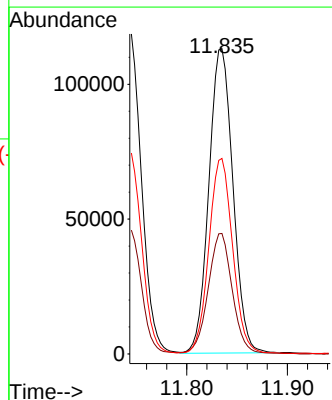
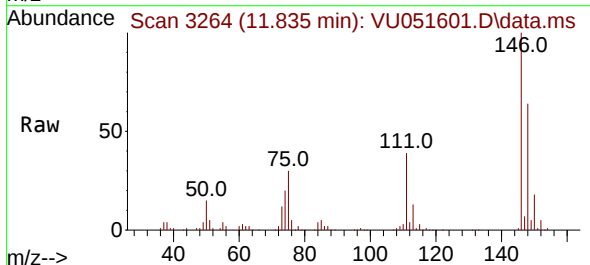
Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

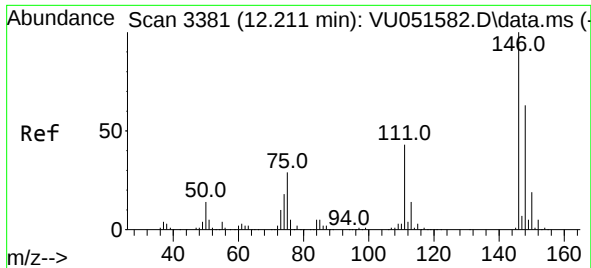
Tgt Ion:146 Resp: 194356
Ion Ratio Lower Upper
146 100
111 38.9 28.6 53.2
148 62.4 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.431 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion:146 Resp: 187700
Ion Ratio Lower Upper
146 100
111 39.5 26.7 49.5
148 64.1 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.526 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MS

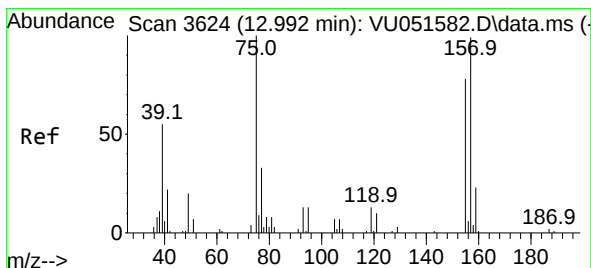
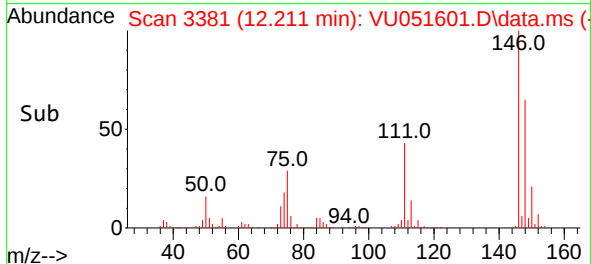
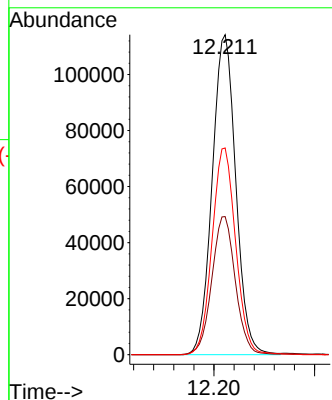
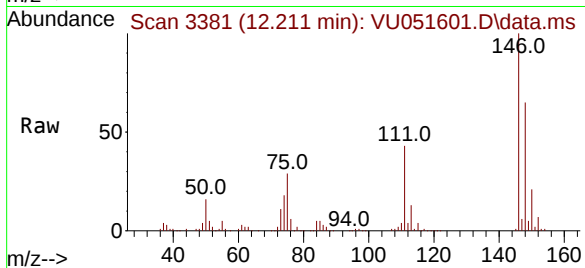
Tgt Ion:146 Resp: 186244

Ion Ratio Lower Upper

146 100

111 43.1 34.2 51.2

148 64.6 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.131 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

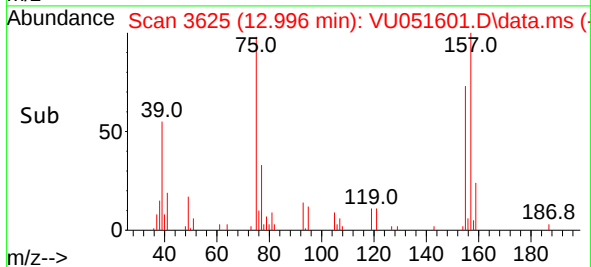
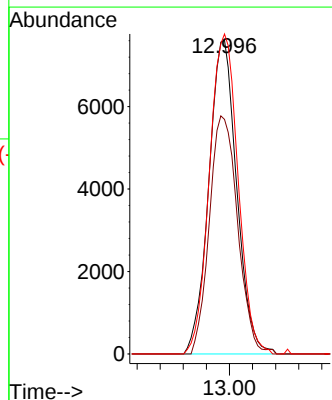
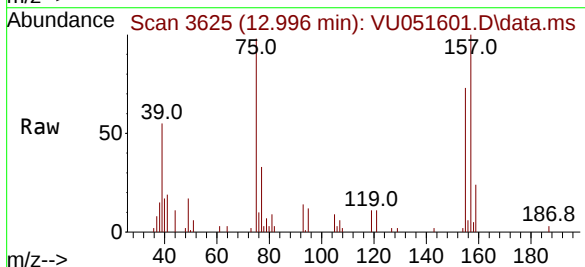
Tgt Ion: 75 Resp: 12785

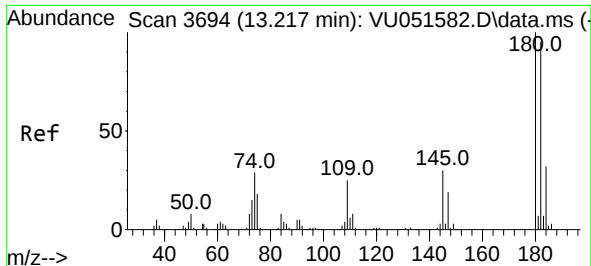
Ion Ratio Lower Upper

75 100

155 74.8 61.4 92.2

157 102.0 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 4.146 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

Instrument :

MSVOA_U

ClientSampleId :

EW4W5MS

Tgt Ion:180 Resp: 124857

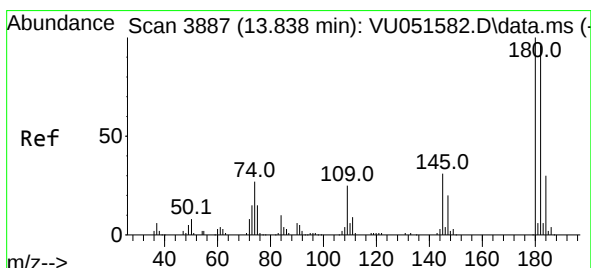
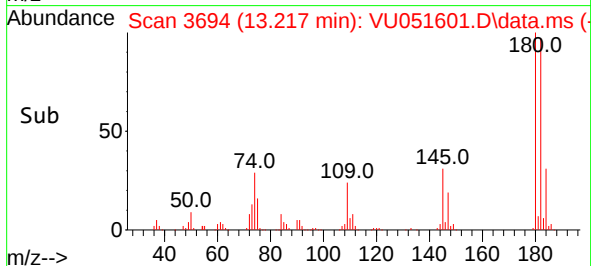
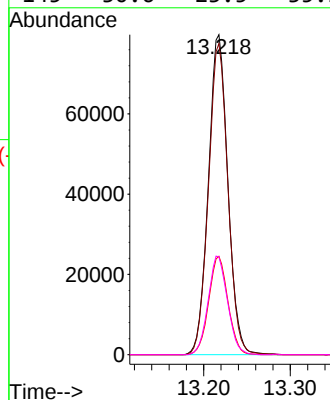
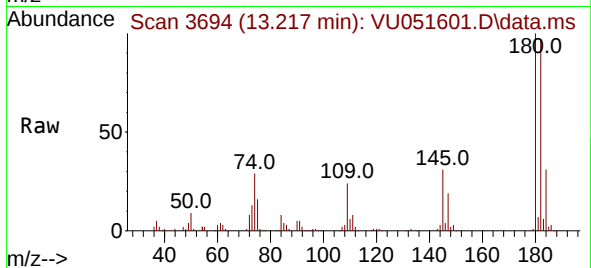
Ion Ratio Lower Upper

180 100

182 96.7 77.0 115.6

184 30.4 23.7 35.5

145 30.6 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 4.177 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051601.D

Acq: 29 Oct 2022 05:40

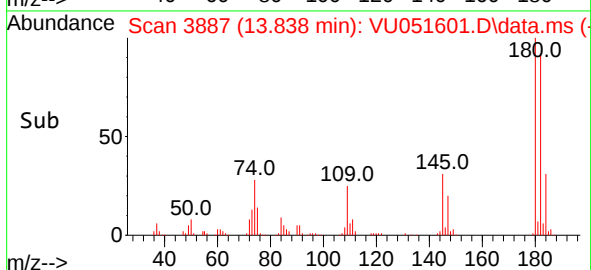
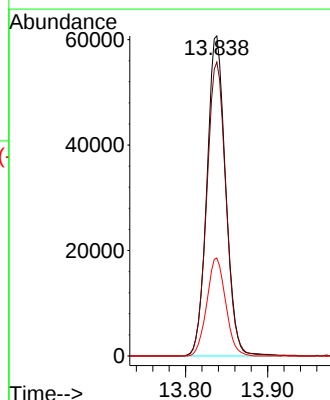
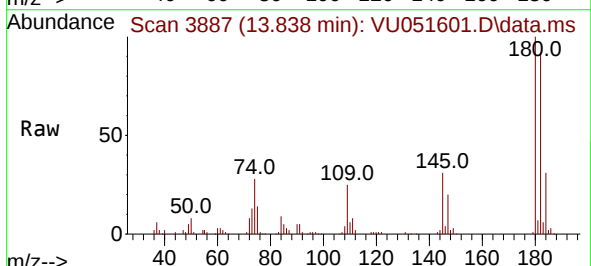
Tgt Ion:180 Resp: 96549

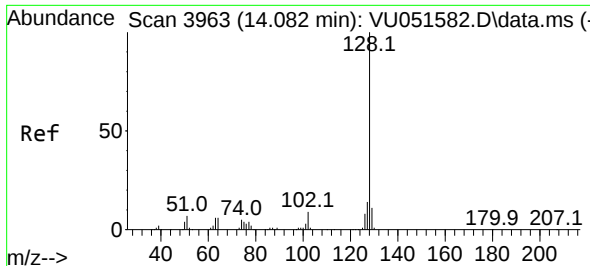
Ion Ratio Lower Upper

180 100

182 94.4 77.8 116.6

145 30.8 25.0 37.6

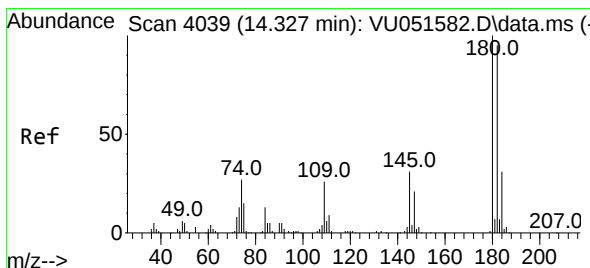
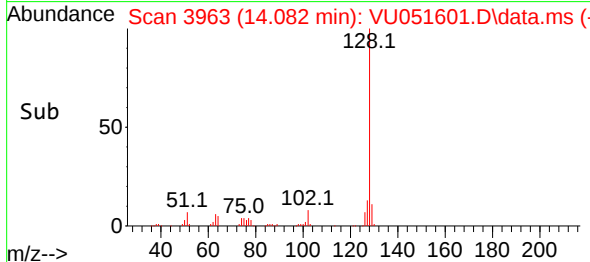
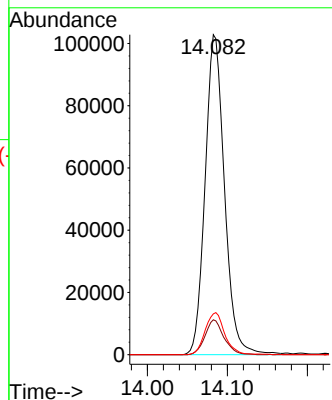
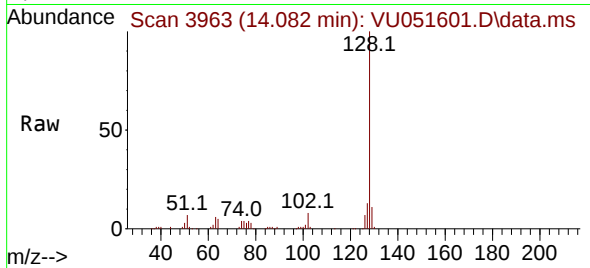




#71
Naphthalene
Concen: 4.022 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Instrument :
MSVOA_U
ClientSampleId :
EW4W5MS

Tgt Ion:128 Resp: 173570
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 13.2 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.328 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051601.D
Acq: 29 Oct 2022 05:40

Tgt Ion:180 Resp: 101028
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 32.2 25.6 38.4

